Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080618\
Data File : VX003869.D
Acq On : 06 Aug 2018 18:40
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:05 PM

Quant Time: Aug 07 07:26:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 06:57:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	351777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	512653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	477022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	678152	149.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	298.90%		
35) Dibromofluoromethane	5.50	113	580883	145.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	291.86%		
50) Toluene-d8	8.72	98	2250540	146.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	292.72%		
62) 4-Bromofluorobenzene	11.14	95	793817	147.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	295.62%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	542547	157.05	ug/l	100
3) Chloromethane	1.32	50	690442	122.05	ug/l	99
4) Vinyl Chloride	1.40	62	698382	155.72	ug/l	99
5) Bromomethane	1.63	94	350624	145.12	ug/l	99
6) Chloroethane	1.70	64	330894	128.85	ug/l	98
7) Trichlorofluoromethane	1.91	101	920033	160.00	ug/l	98
8) Diethyl Ether	2.19	74	414004	165.24	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	567560	155.86	ug/l	99
10) Methyl Iodide	2.50	142	795305	163.46	ug/l	100
11) Tert butyl alcohol	3.11	59	841558	839.54	ug/l	100
12) 1,1-Dichloroethene	2.36	96	545193	154.69	ug/l	99
13) Acrolein	2.29	56	424567	556.03	ug/l	100
14) Allyl chloride	2.72	41	1071221	163.16	ug/l	99
15) Acrylonitrile	3.15	53	1964866	822.75	ug/l	100
16) Acetone	2.45	43	1915749	782.48	ug/l	99
17) Carbon Disulfide	2.56	76	1620466	162.73	ug/l	99
18) Methyl Acetate	2.78	43	876410	156.27	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1978710	162.43	ug/l	100
20) Methylene Chloride	2.85	84	639712	149.64	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	601702	154.91	ug/l	99
22) Diisopropyl ether	3.88	45	1933520	154.64	ug/l	96
23) Vinyl Acetate	3.82	43	8417113	812.54	ug/l	100
24) 1,1-Dichloroethane	3.69	63	1142316	161.26	ug/l	100
25) 2-Butanone	4.71	43	3095892	759.97	ug/l	99
26) 2,2-Dichloropropane	4.58	77	823120	168.98	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	690830	157.49	ug/l	96
28) Bromochloromethane	5.02	49	493569	150.36	ug/l	100
29) Tetrahydrofuran	5.17	42	1600793	771.05	ug/l	99
30) Chloroform	5.21	83	1091316	150.07	ug/l	98
31) Cyclohexane	5.57	56	1003100	163.34	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	960611	158.31	ug/l	99
36) 1,1-Dichloropropene	5.79	75	854576	153.94	ug/l	100
37) Ethyl Acetate	4.87	43	942643	149.11	ug/l	99
38) Carbon Tetrachloride	5.78	117	843500	152.88	ug/l	96

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Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 07 07:26:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 06:57:25 2018
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : VSTDICC150

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	1053936	165.94	ug/l		98
40) Benzene	6.14	78	2514874	147.86	ug/l		98
41) Methacrylonitrile	5.07	41	529290	155.12	ug/l		100
42) 1,2-Dichloroethane	6.20	62	848327	149.08	ug/l		100
43) Isopropyl Acetate	6.47	43	1525436	160.83	ug/l		99
44) Trichloroethene	7.21	130	690496	150.39	ug/l		98
45) 1,2-Dichloropropane	7.52	63	660208	149.98	ug/l		100
46) Dibromomethane	7.67	93	430736	152.36	ug/l		100
47) Bromodichloromethane	7.90	83	860196	161.02	ug/l		100
48) Methyl methacrylate	7.78	41	795197	165.94	ug/l		99
49) 1,4-Dioxane	7.76	88	366022	3227.52	ug/l		100
51) 4-Methyl-2-Pentanone	8.66	43	6293354	796.53	ug/l		97
52) Toluene	8.79	92	1658340	157.73	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	1026986	175.69	ug/l		100
54) cis-1,3-Dichloropropene	8.44	75	1076092	168.70	ug/l		99
55) 1,1,2-Trichloroethane	9.22	97	669461	151.64	ug/l		100
56) Ethyl methacrylate	9.18	69	1120109	181.04	ug/l		99
57) 1,3-Dichloropropane	9.38	76	1130041	157.65	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.32	63	2653605	839.79	ug/l		100
59) 2-Hexanone	9.51	43	4863657	807.22	ug/l		99
60) Dibromochloromethane	9.59	129	687800	160.27	ug/l		99
61) 1,2-Dibromoethane	9.68	107	696290	154.83	ug/l		96
64) Tetrachloroethene	9.34	164	647043	146.50	ug/l		95
65) Chlorobenzene	10.14	112	1760842	148.07	ug/l		93
66) 1,1,1,2-Tetrachloroethane	10.23	131	654266	156.79	ug/l		99
67) Ethyl Benzene	10.26	91	3100140	162.10	ug/l		96
68) m/p-Xylenes	10.36	106	2410213	323.15	ug/l		92
69) o-Xylene	10.70	106	1150094	160.55	ug/l		91
70) Styrene	10.71	104	1946474	165.12	ug/l		97
71) Bromoform	10.86	173	571153	168.40	ug/l		97
73) Isopropylbenzene	11.02	105	2996377	162.91	ug/l		98
74) N-amyl acetate	6.47	43	1525436	169.16	ug/l	#	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	1057991	164.22	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	870424m	155.92	ug/l		
77) Bromobenzene	11.26	156	788772	157.01	ug/l		99
78) n-propylbenzene	11.37	91	3493078	170.55	ug/l		99
79) 2-Chlorotoluene	11.43	91	2182131	174.41	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	2626743	174.86	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.08	75	343527	191.96	ug/l		93
82) 4-Chlorotoluene	11.51	91	2544280	175.69	ug/l		99
83) tert-Butylbenzene	11.77	119	2485825	163.26	ug/l		98
84) 1,2,4-Trimethylbenzene	11.81	105	2567334	165.76	ug/l		98
85) sec-Butylbenzene	11.95	105	2896533	162.71	ug/l		99
86) p-Isopropyltoluene	12.07	119	2635620	164.39	ug/l		99
87) 1,3-Dichlorobenzene	12.03	146	1417179	150.65	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	1445508	148.96	ug/l		100
89) n-Butylbenzene	12.39	91	2354495	170.20	ug/l		98
90) Hexachloroethane	12.60	117	453834	174.54	ug/l		100
91) 1,2-Dichlorobenzene	12.40	146	1455681	151.99	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	228762	161.01	ug/l		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080618\
Data File : VX003869.D
Acq On : 06 Aug 2018 18:40
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Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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8/7/2018 1:13:05 PM

Quant Time: Aug 07 07:26:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 06:57:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1087073	160.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	478922	145.92	ug/l	100
95) Naphthalene	13.83	128	3313506	168.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1084419	154.35	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080618\
Data File : VX003869.D
Acq On : 06 Aug 2018 18:40
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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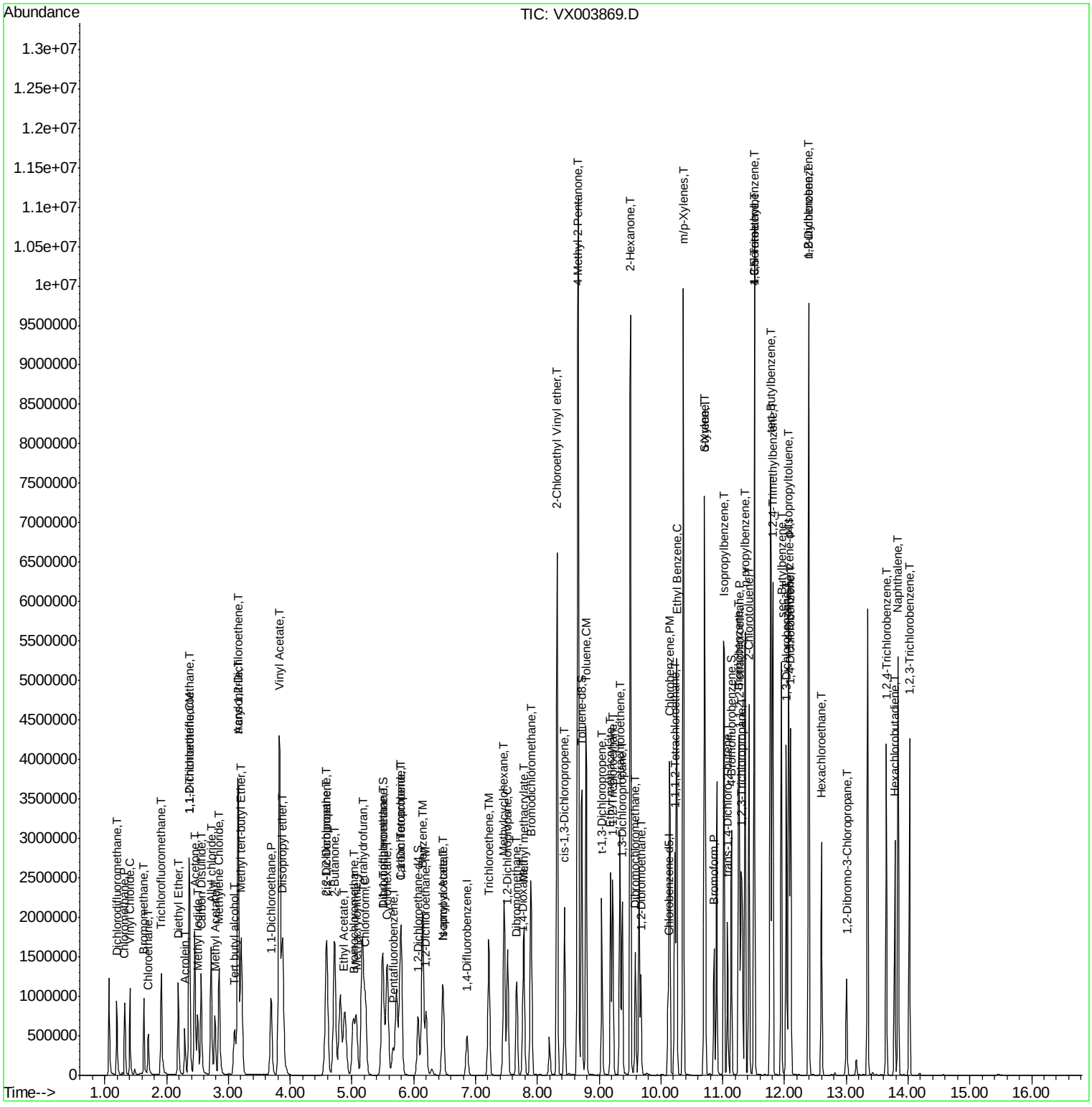
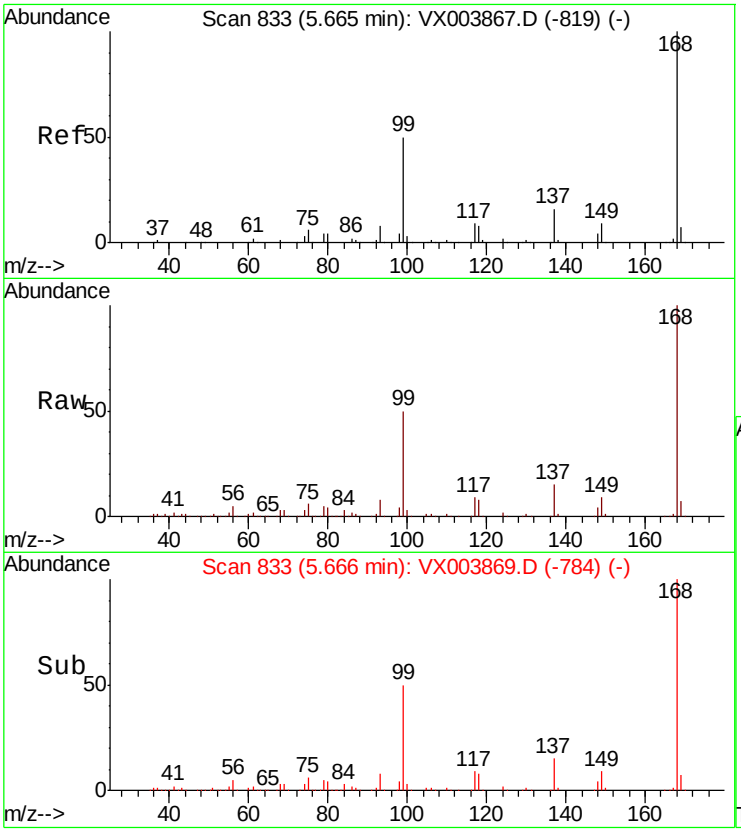
8/7/2018 1:13:05 PM

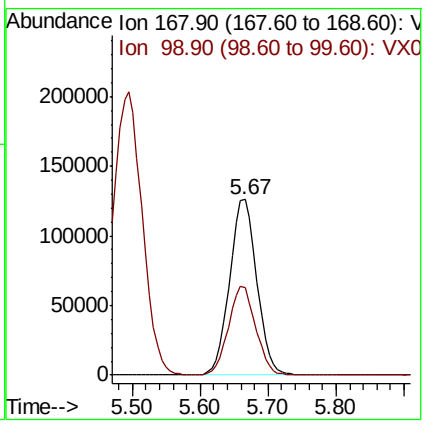




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:168 Resp: 351777

Ion	Ratio	Lower	Upper
168	100		
99	50.0	40.1	60.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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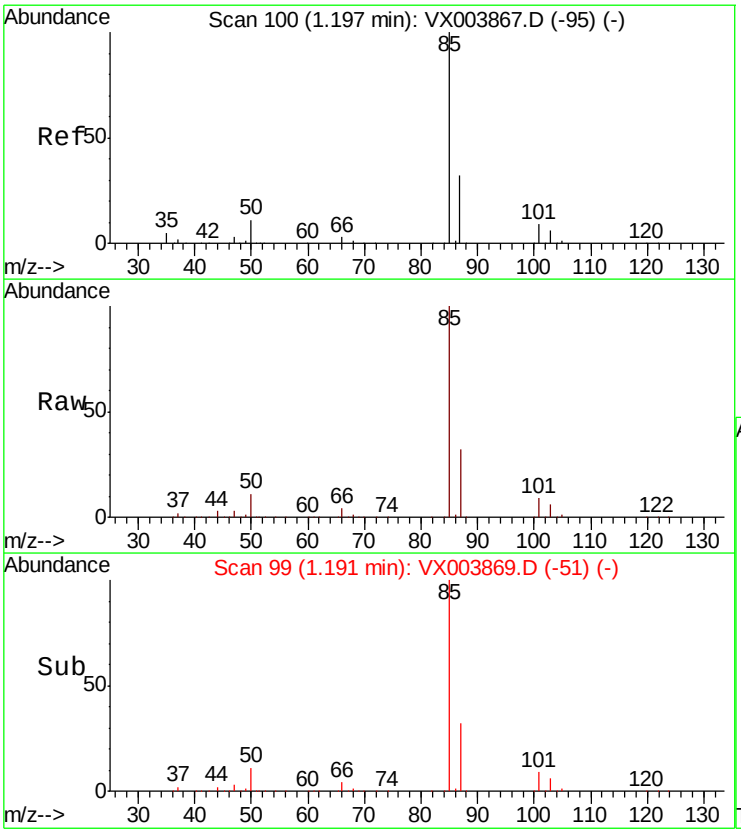
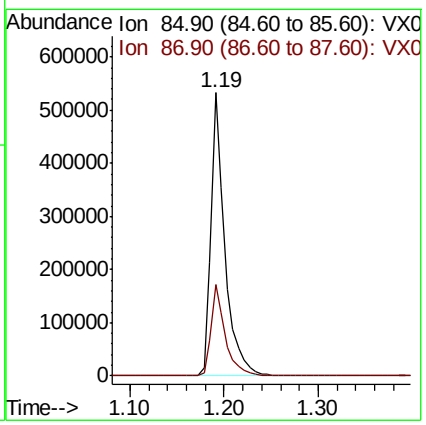
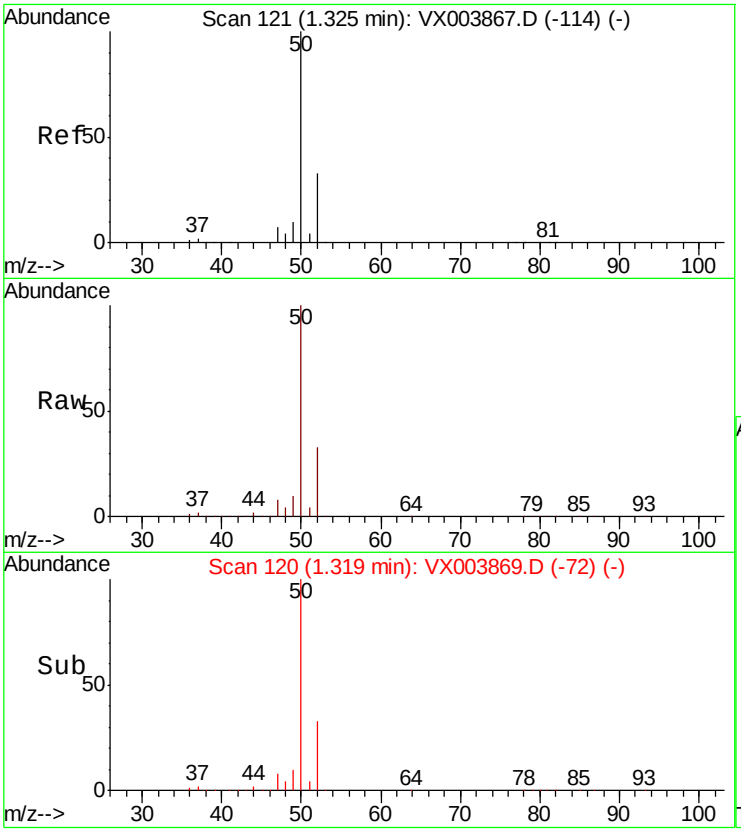


#2
Dichlorodifluoromethane
Concen: 157.05 ug/l
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 85 Resp: 542547

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.0	48.0

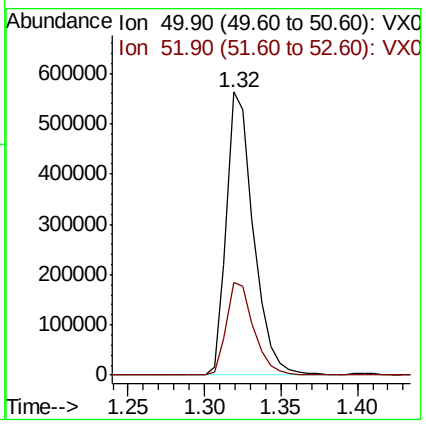




#3
Chloromethane
Concen: 122.05 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 50 Resp: 690442

Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.6	39.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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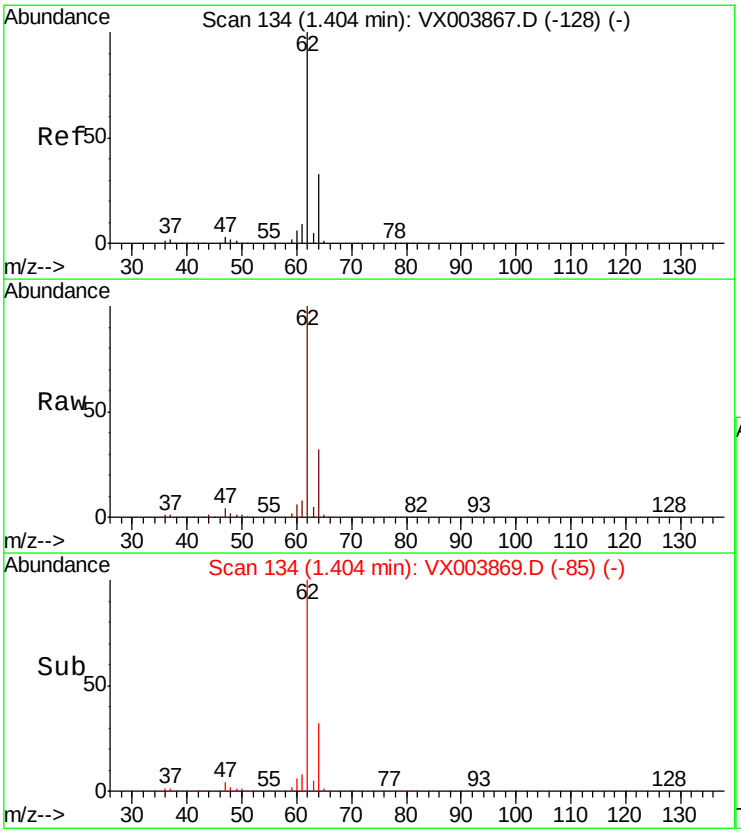
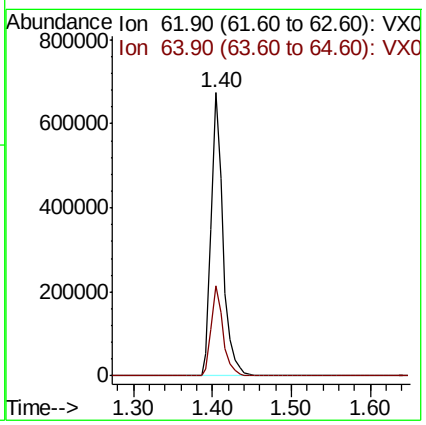
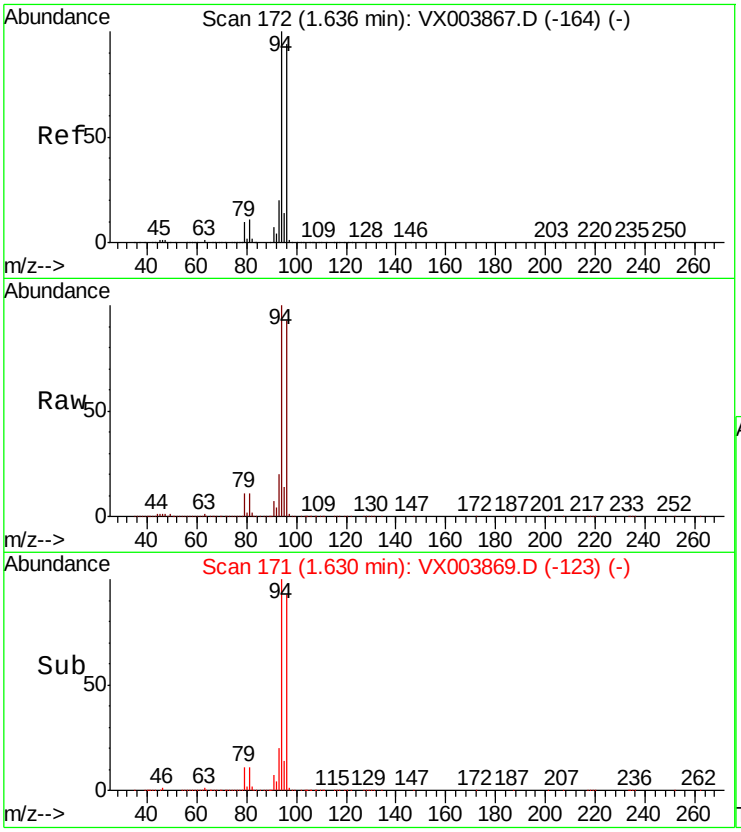


#4
Vinyl Chloride
Concen: 155.72 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 62 Resp: 698382

Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.0	39.0

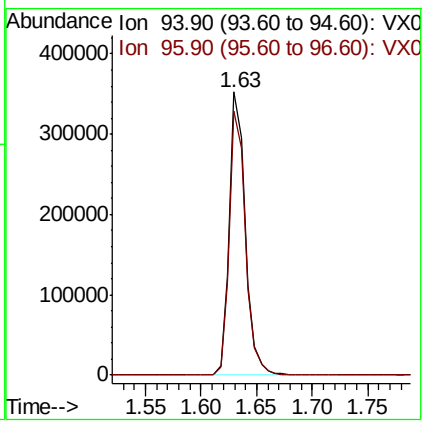




#5
Bromomethane
Concen: 145.12 ug/l
RT: 1.63 min Scan# 171
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 94 Resp: 350624

Ion	Ratio	Lower	Upper
94	100		
96	93.5	75.2	112.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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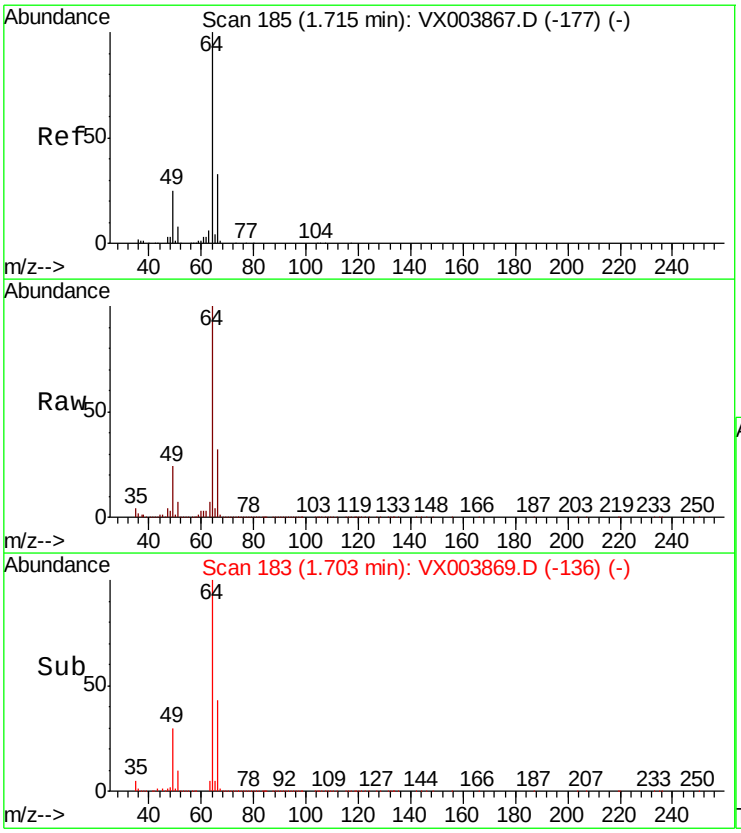
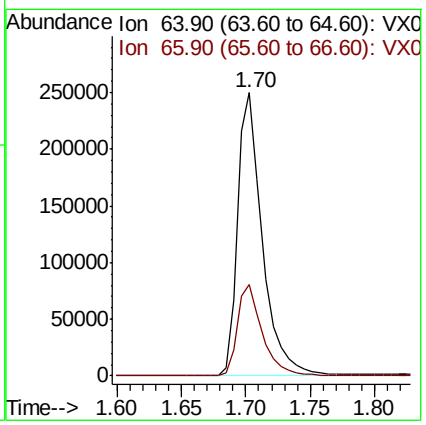
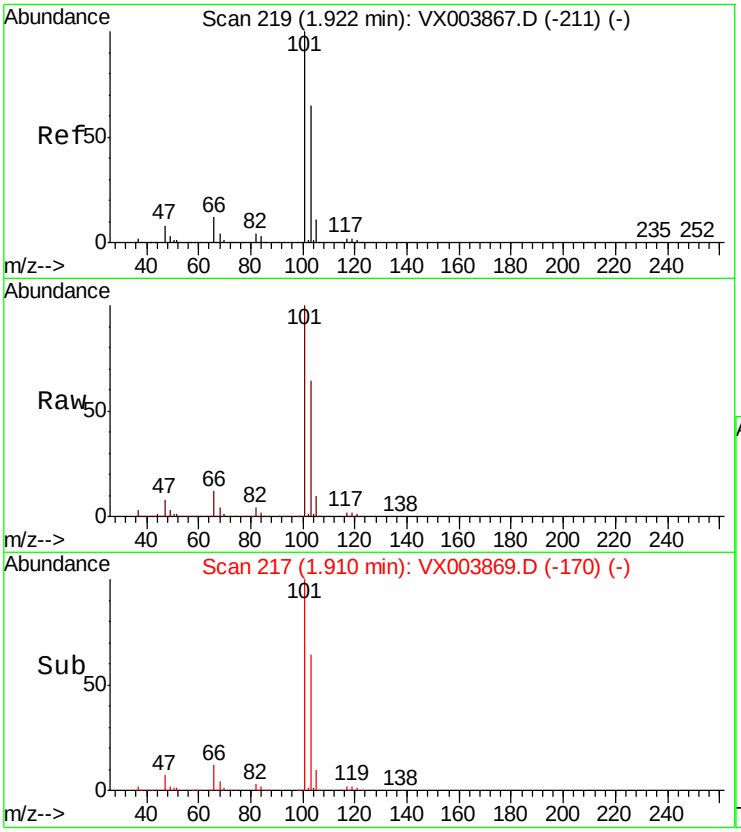


#6
Chloroethane
Concen: 128.85 ug/l
RT: 1.70 min Scan# 183
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 64 Resp: 330894

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.5	39.7

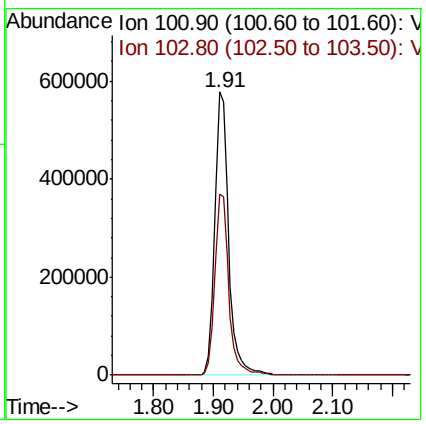




#7
Trichlorofluoromethane
Concen: 160.00 ug/l
RT: 1.91 min Scan# 217
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:101 Resp: 920033

Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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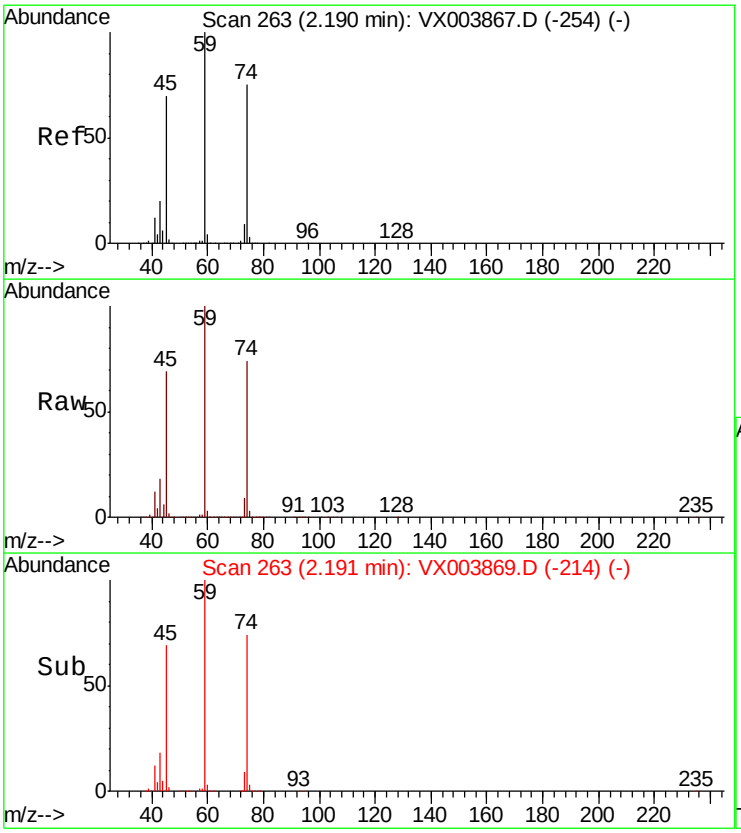
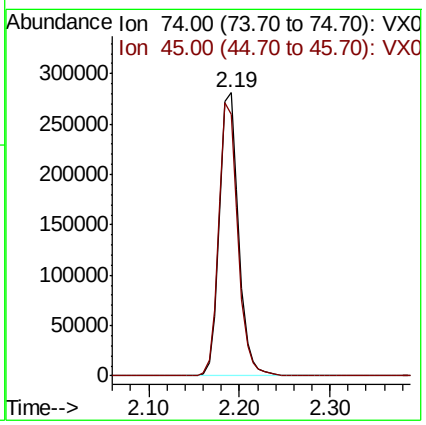
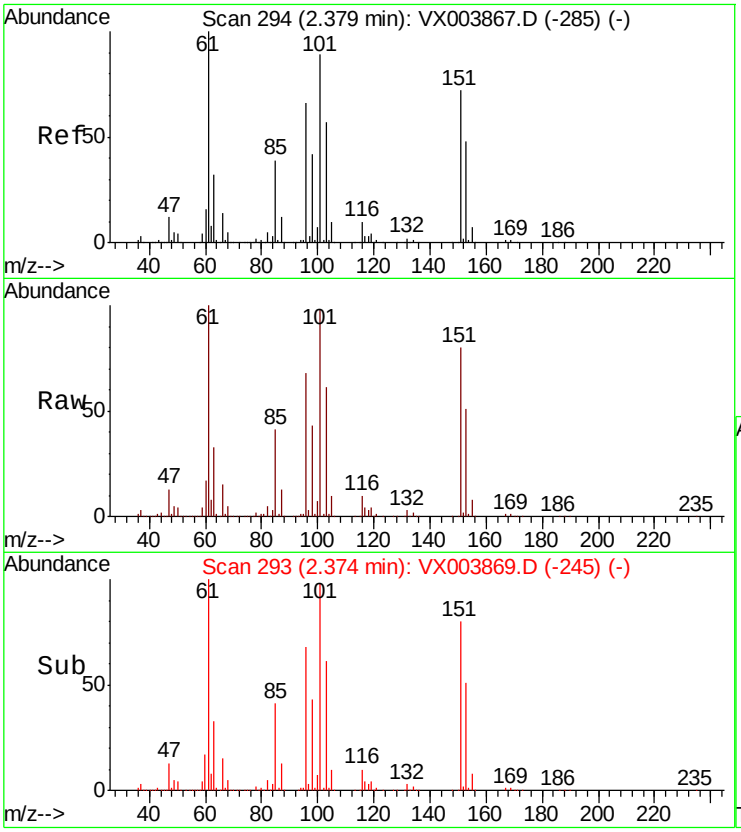


#8
Diethyl Ether
Concen: 165.24 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 74 Resp: 414004

Ion	Ratio	Lower	Upper
74	100		
45	96.3	48.3	144.9





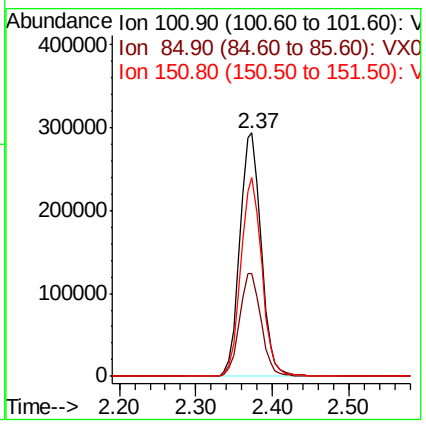
#9
1,1,2-Trichlorotrifluoroethane
Concen: 155.86 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

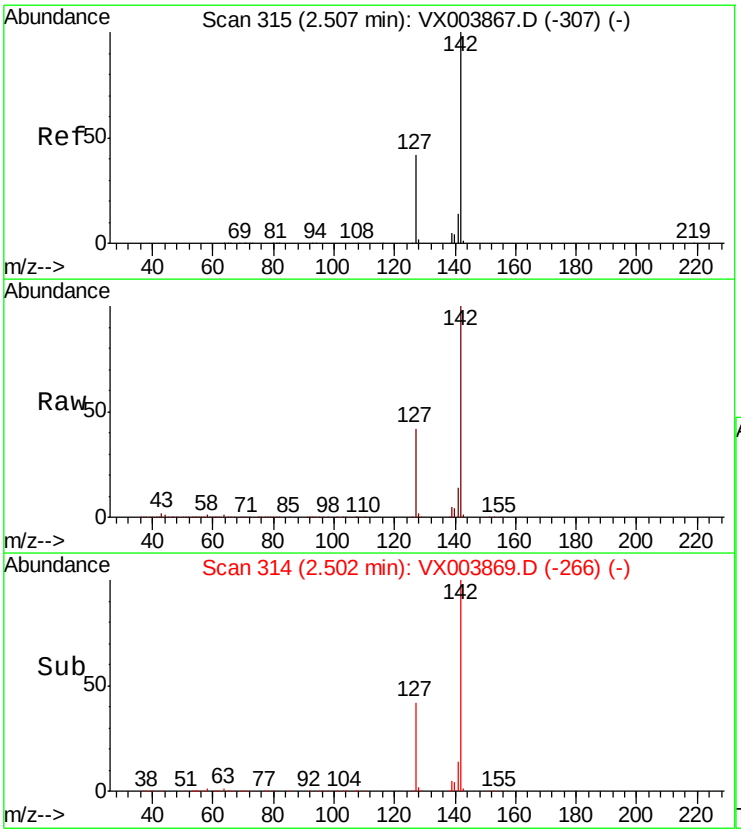
Tgt Ion:101 Resp: 567560

Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.2	51.4
151	80.4	65.0	97.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:05 PM

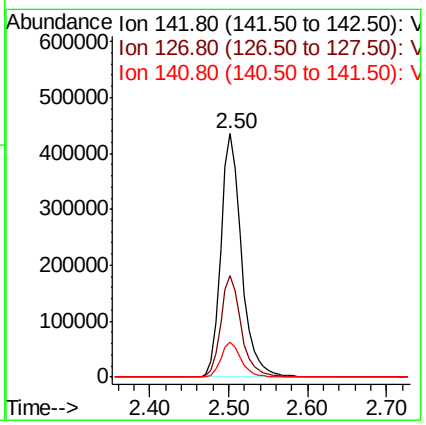


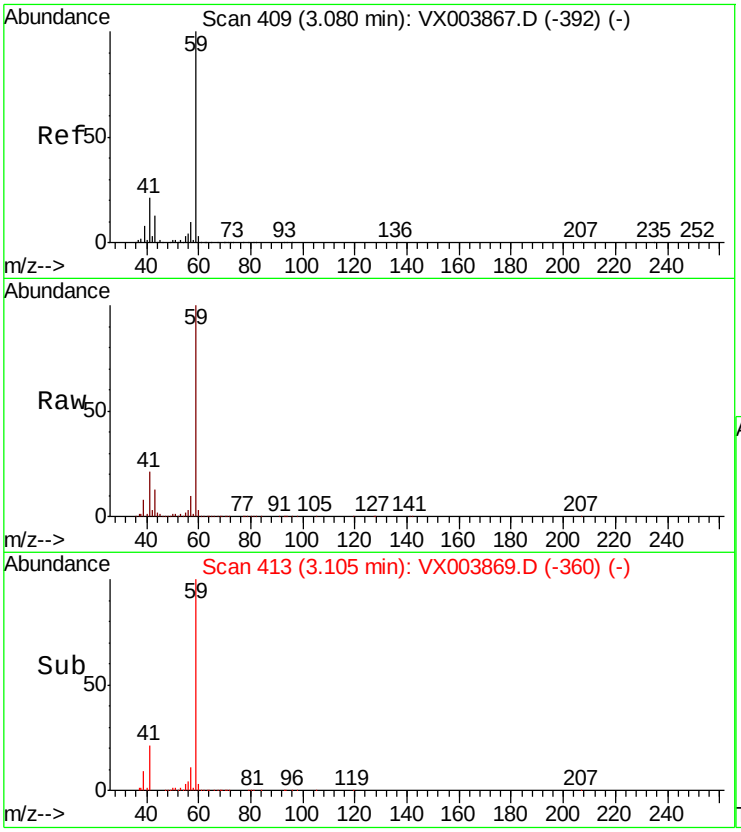


#10
Methyl Iodide
Concen: 163.46 ug/l
RT: 2.50 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:142 Resp: 795305

Ion	Ratio	Lower	Upper
142	100		
127	41.3	33.1	49.7
141	14.1	11.1	16.7

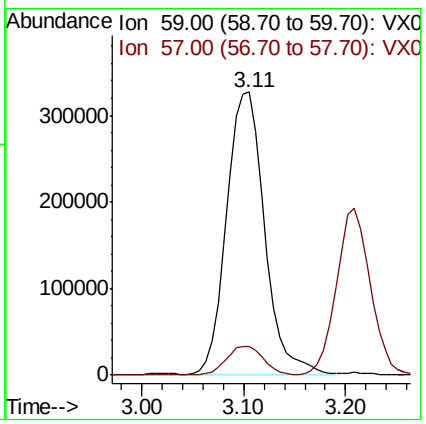




#11
Tert butyl alcohol
Concen: 839.54 ug/l
RT: 3.11 min Scan# 413
Delta R.T. 0.02 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 59 Resp: 841558

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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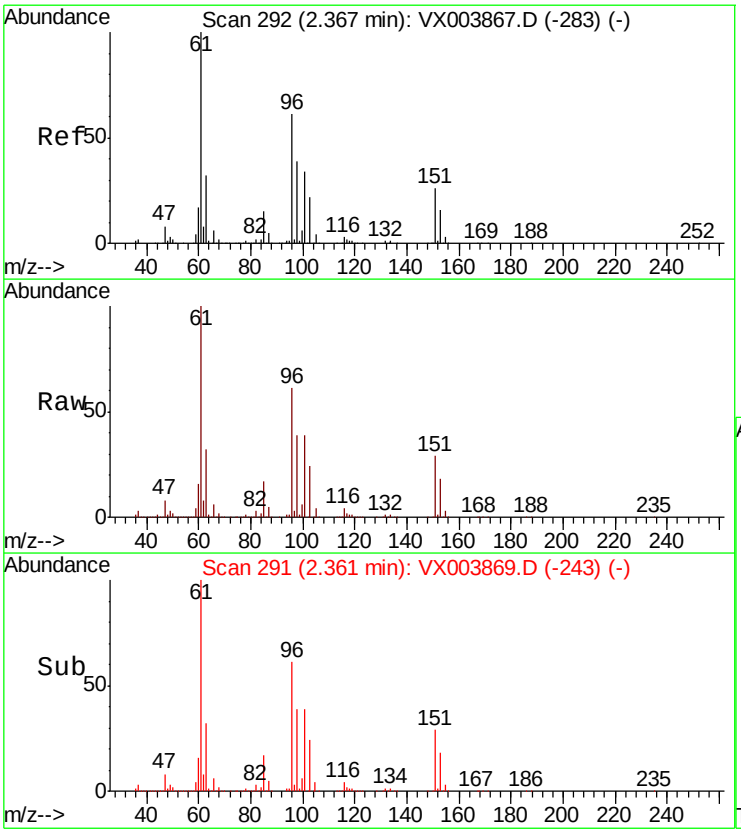
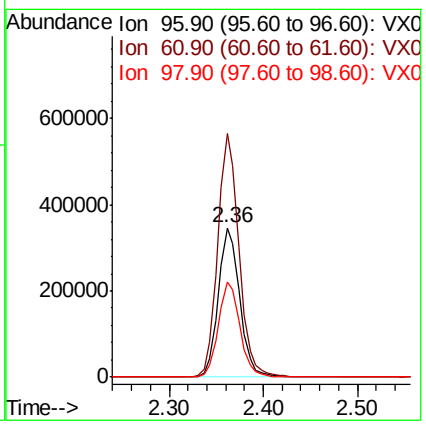
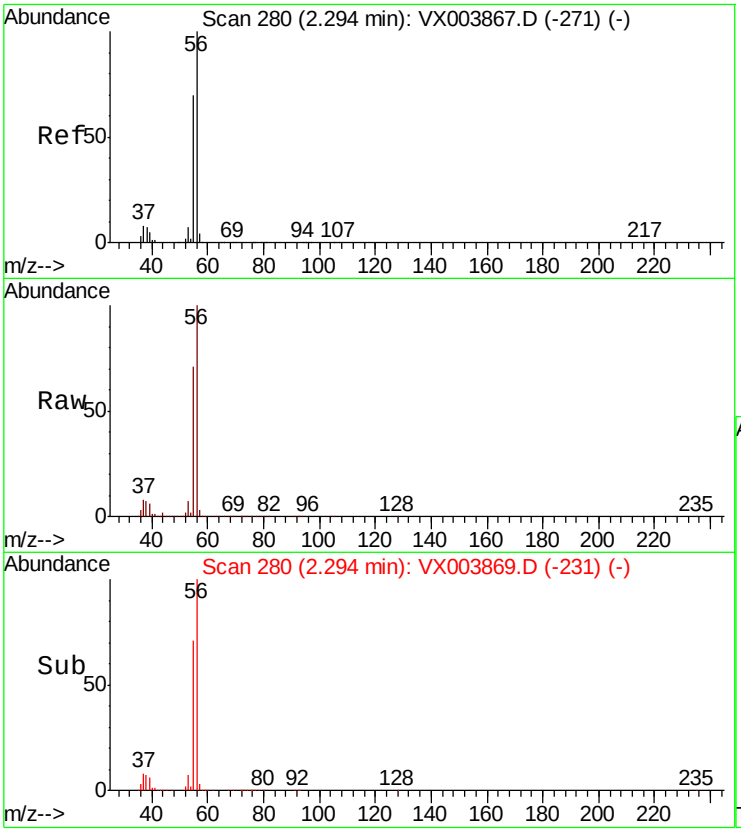


#12
1,1-Dichloroethene
Concen: 154.69 ug/l
RT: 2.36 min Scan# 291
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 96 Resp: 545193

Ion	Ratio	Lower	Upper
96	100		
61	163.2	131.3	196.9
98	63.6	51.8	77.6

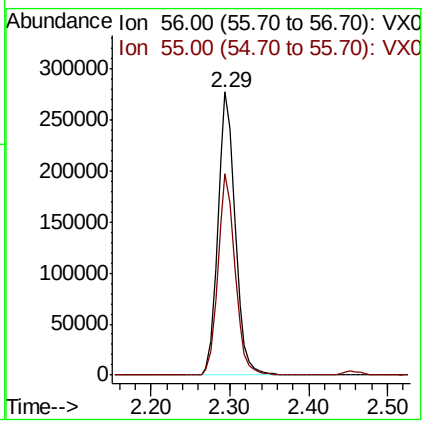




#13
Acrolein
Concen: 556.03 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 56 Resp: 424567

Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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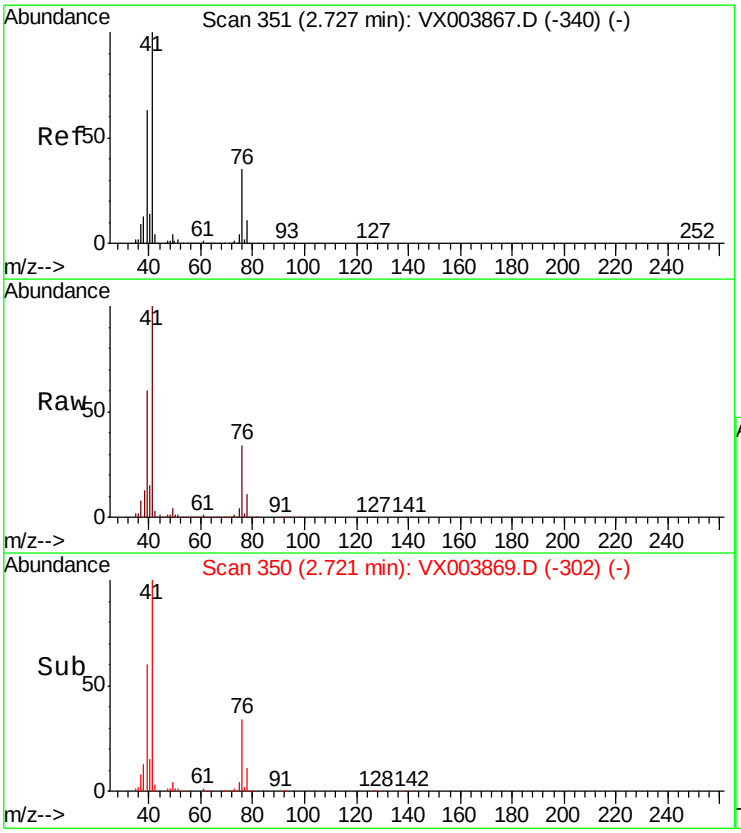
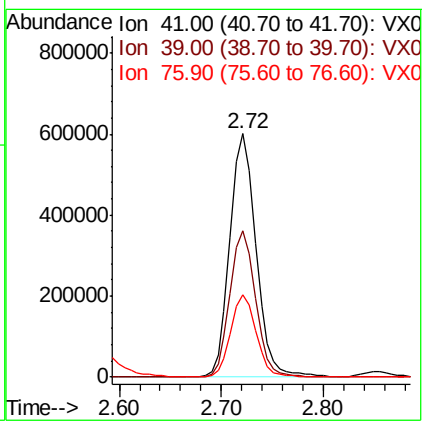
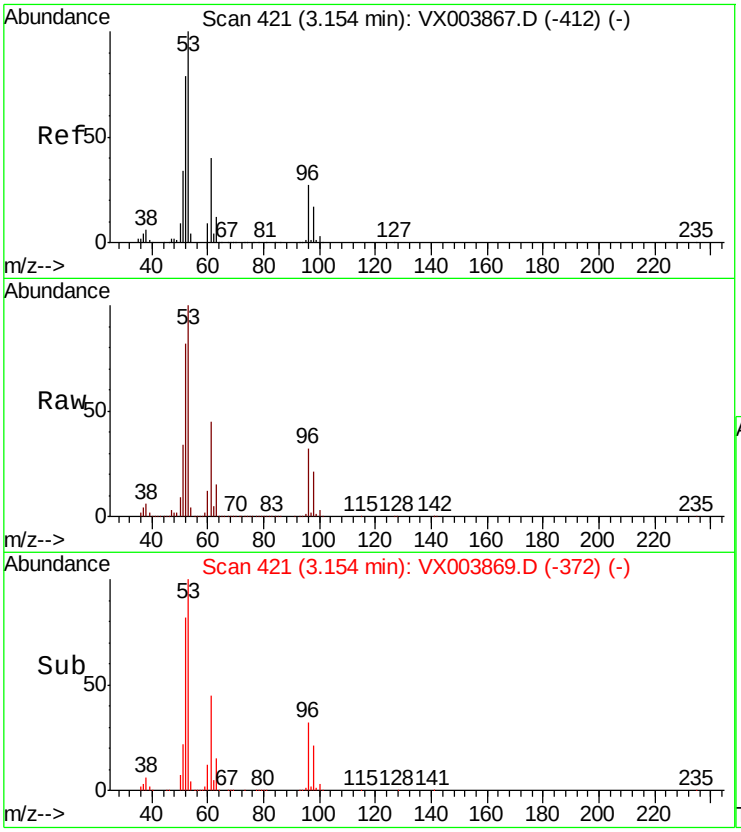


#14
Allyl chloride
Concen: 163.16 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 41 Resp: 1071221

Ion	Ratio	Lower	Upper
41	100		
39	58.7	47.4	71.0
76	32.7	26.0	39.0

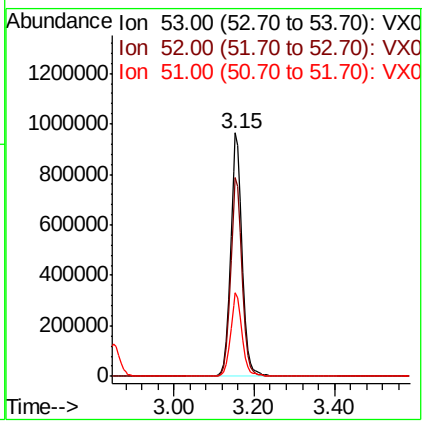




#15
Acrylonitrile
Concen: 822.75 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 53 Resp: 1964866

Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.3	97.9
51	34.8	27.9	41.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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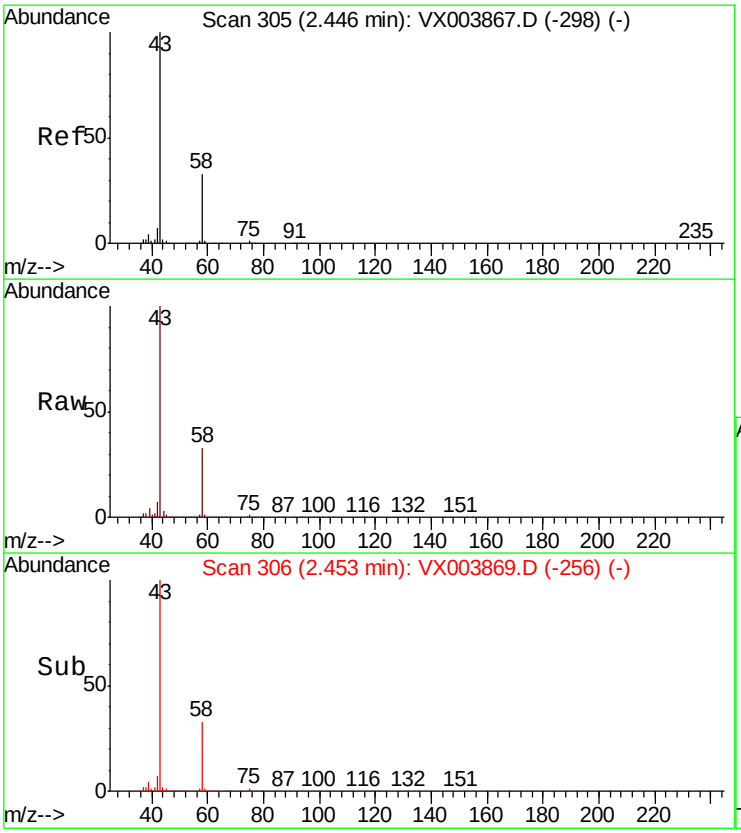
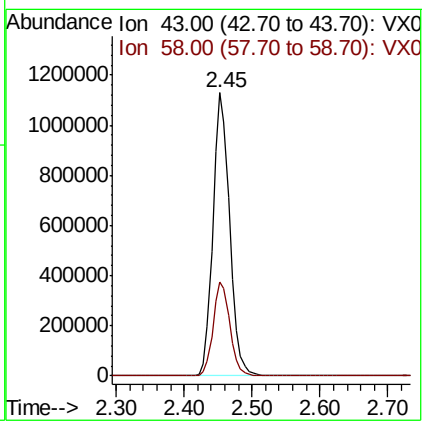
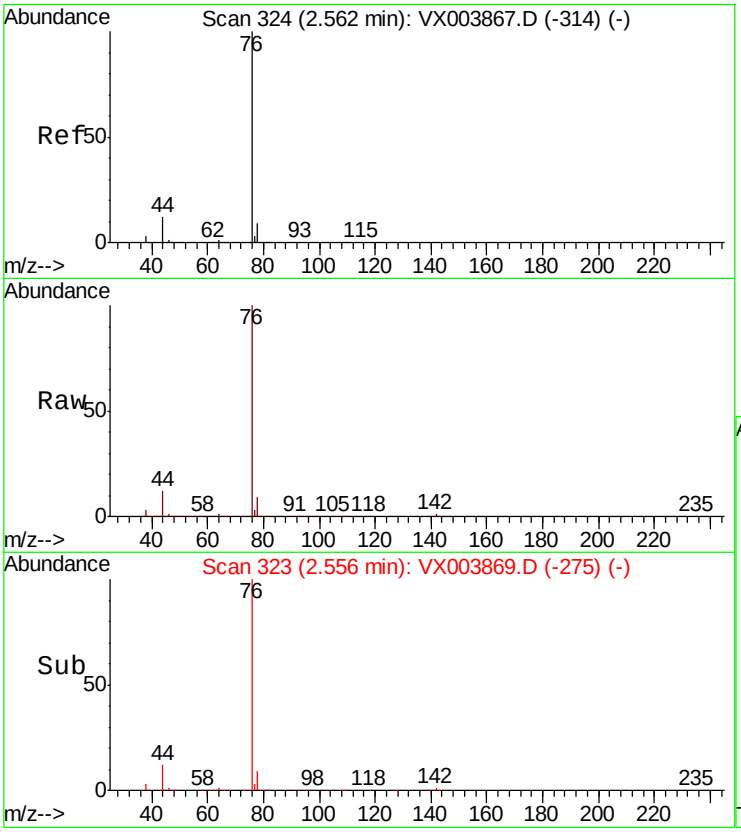


#16
Acetone
Concen: 782.48 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 43 Resp: 1915749

Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.4	39.6

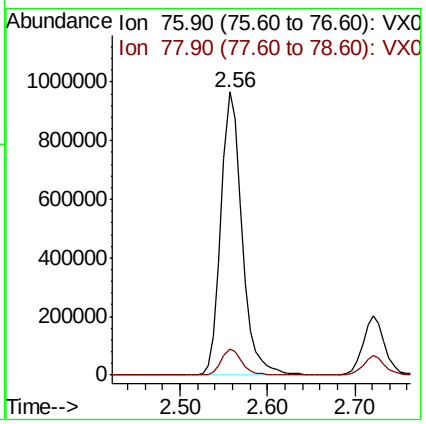




#17
Carbon Disulfide
Concen: 162.73 ug/l
RT: 2.56 min Scan# 323
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 76 Resp: 1620466

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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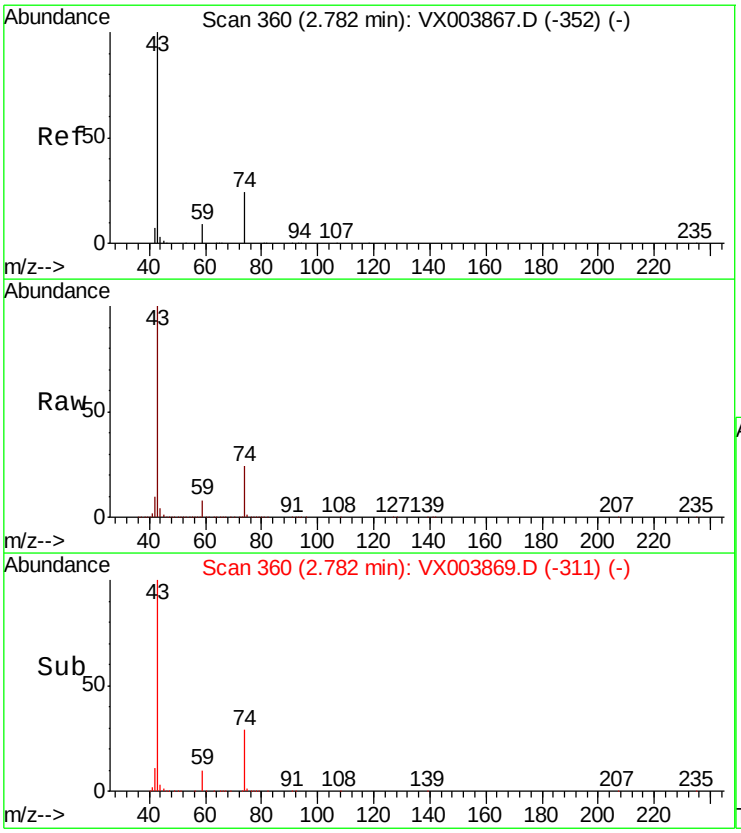
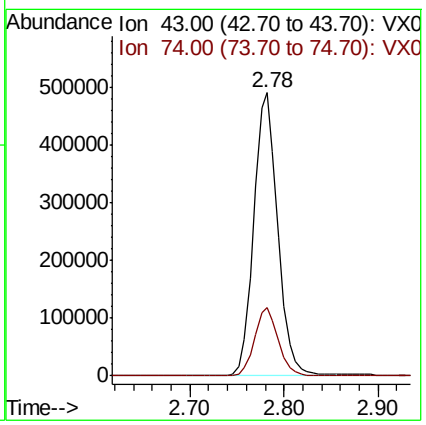
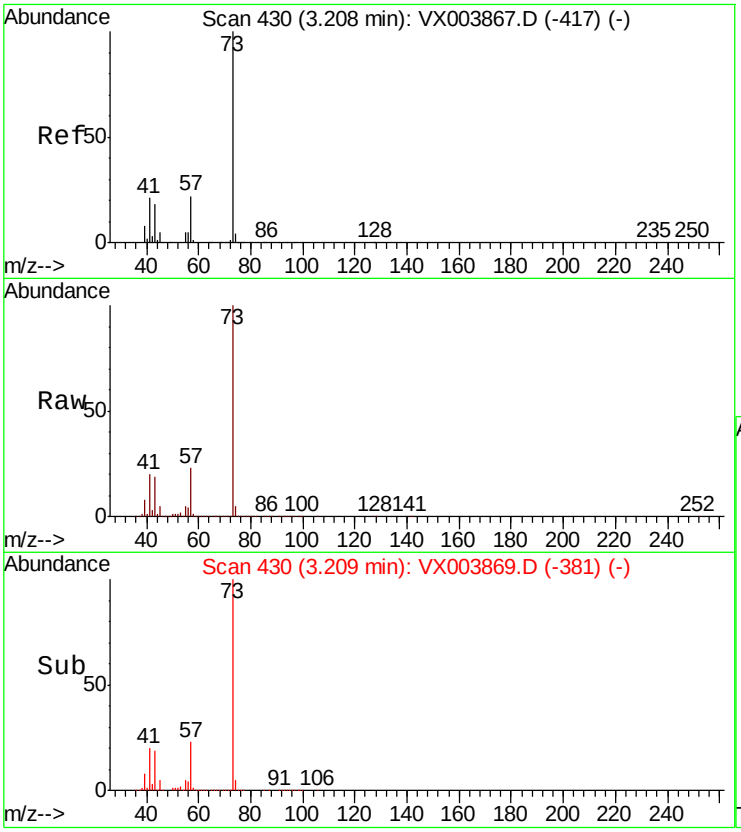


#18
Methyl Acetate
Concen: 156.27 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 43 Resp: 876410

Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.9	28.3

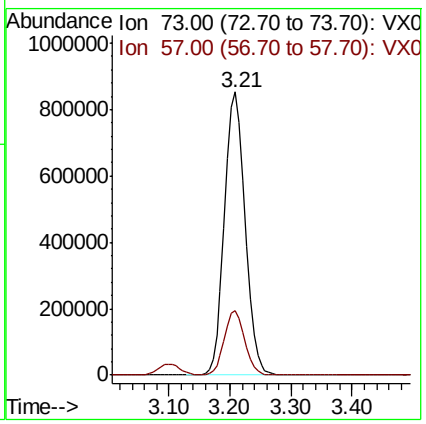




#19
Methyl tert-butyl Ether
Concen: 162.43 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 73 Resp: 1978710

Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.0	27.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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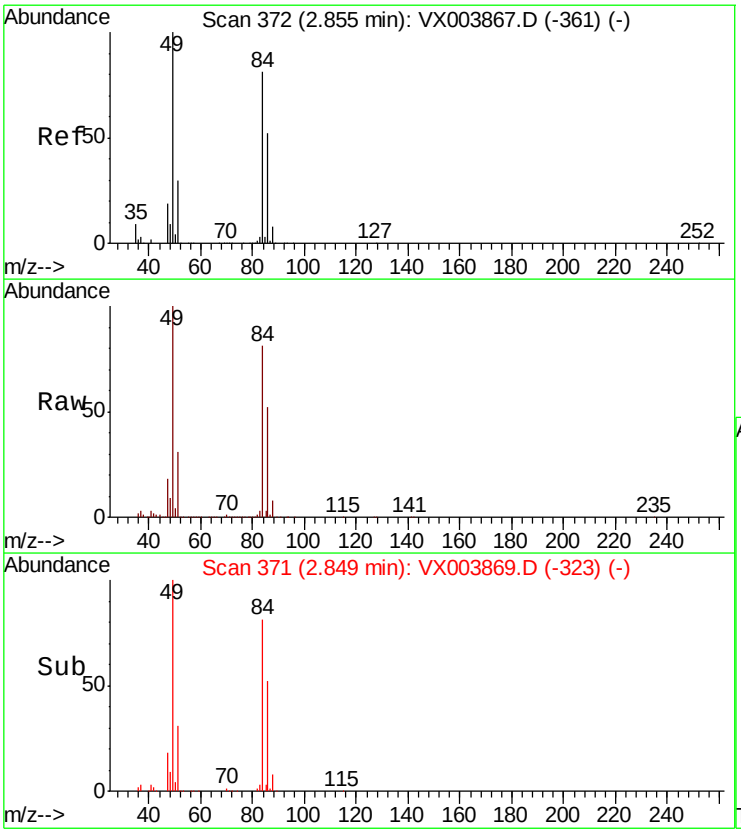
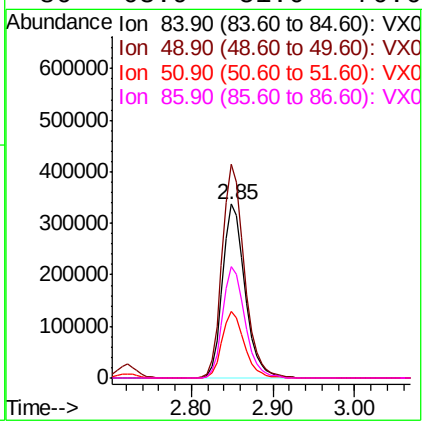
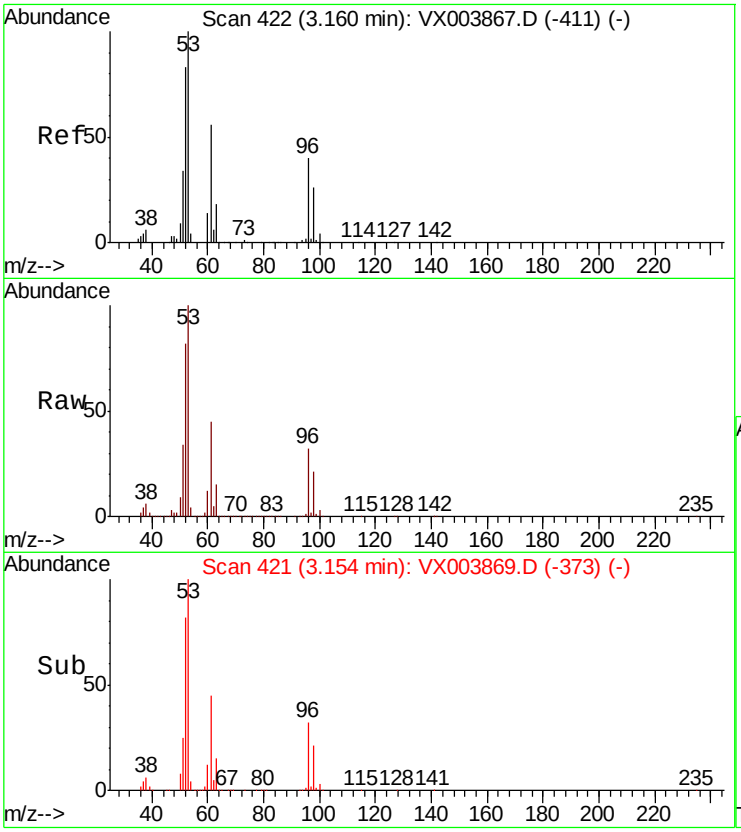


#20
Methylene Chloride
Concen: 149.64 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 84 Resp: 639712

Ion	Ratio	Lower	Upper
84	100		
49	123.1	98.9	148.3
51	38.7	29.9	44.9
86	63.9	51.0	76.6

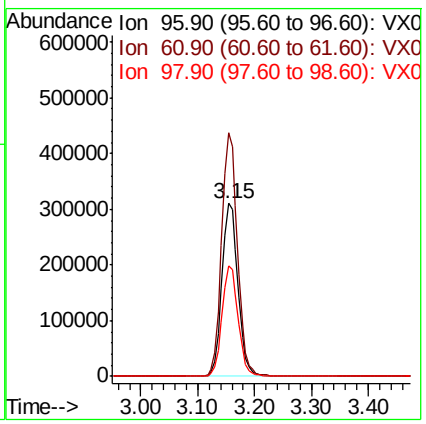




#21
trans-1,2-Dichloroethene
Concen: 154.91 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 96 Resp: 601702

Ion	Ratio	Lower	Upper
96	100		
61	140.9	111.8	167.6
98	63.8	51.8	77.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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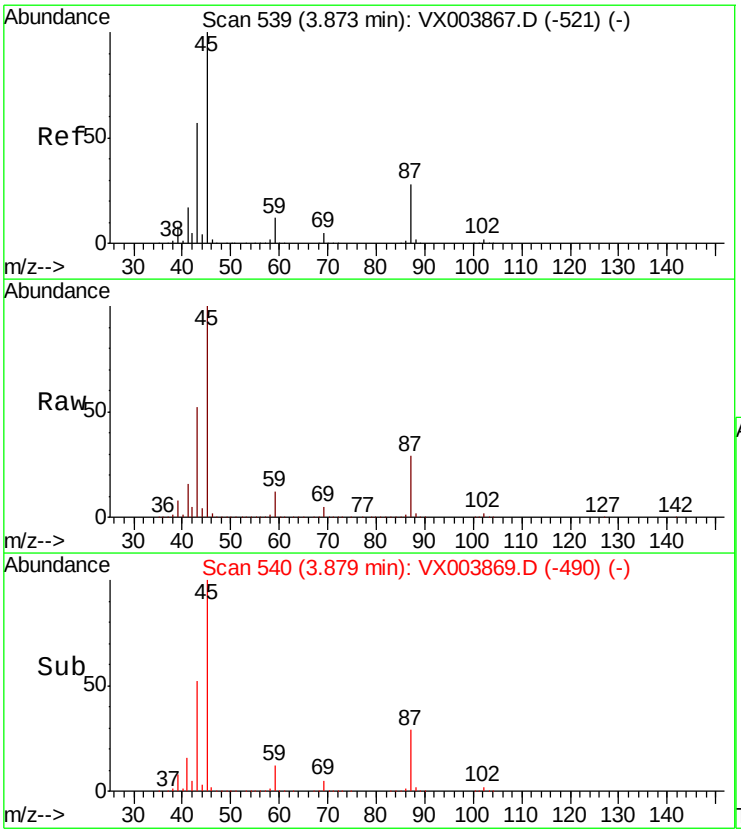
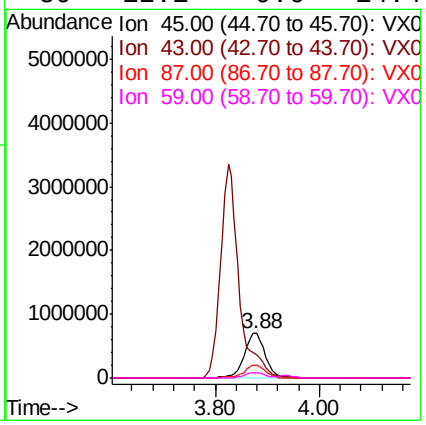
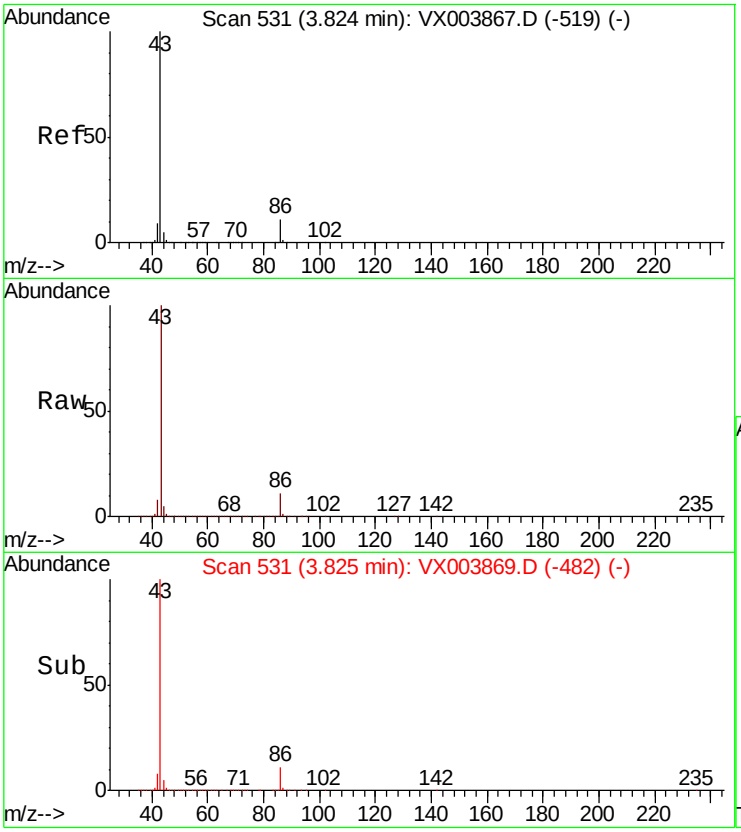


#22
Diisopropyl ether
Concen: 154.64 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 45 Resp: 1933520

Ion	Ratio	Lower	Upper
45	100		
43	52.3	45.3	67.9
87	29.3	22.7	34.1
59	12.1	9.6	14.4





#23
Vinyl Acetate
Concen: 812.54 ug/l
RT: 3.82 min Scan# 531
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 43 Resp: 8417113

Ion	Ratio	Lower	Upper
43	100		
86	11.3	8.9	13.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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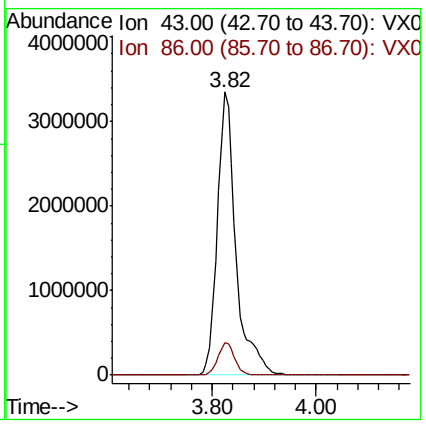
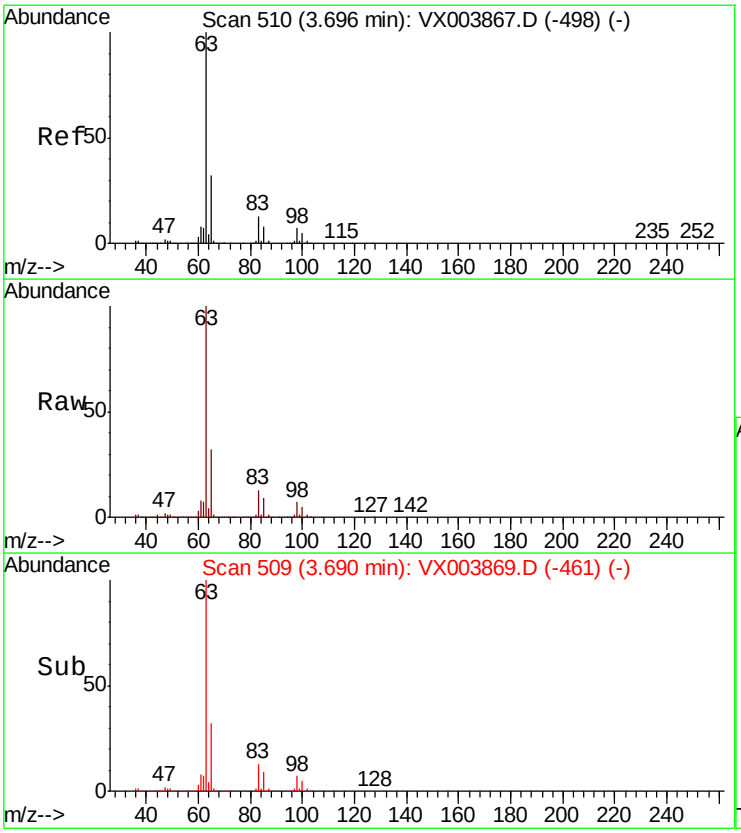
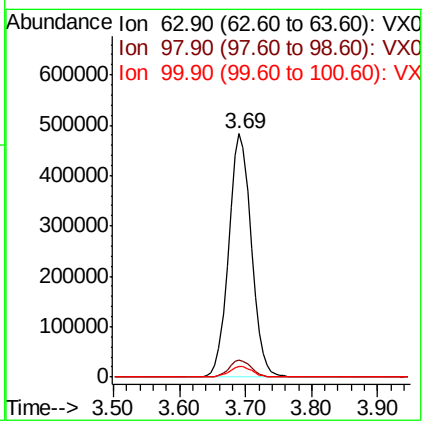


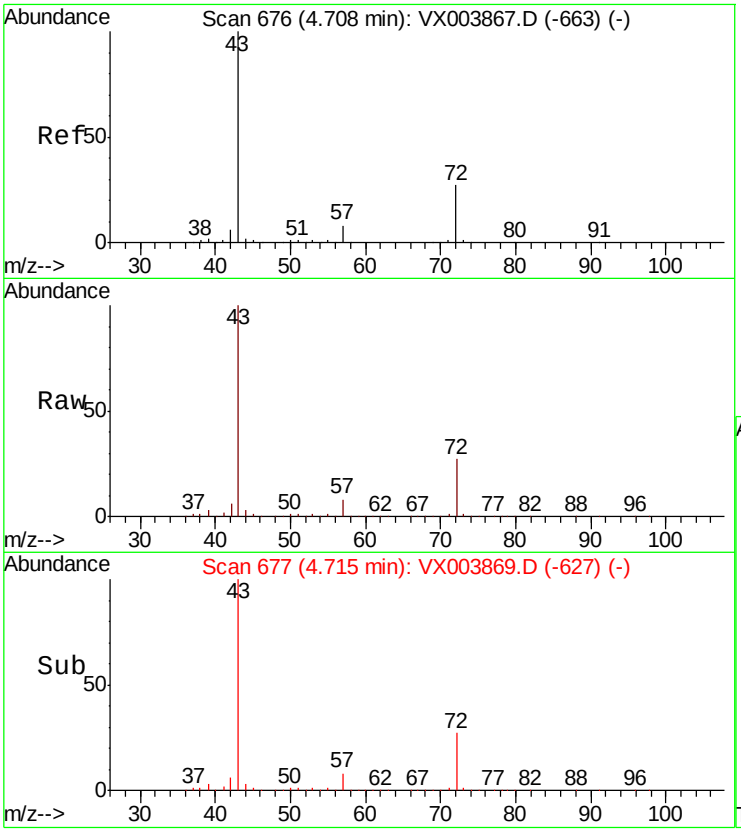


#24
1,1-Dichloroethane
Concen: 161.26 ug/l
RT: 3.69 min Scan# 509
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 63 Resp: 1142316

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.5
100	4.5	2.3	6.8

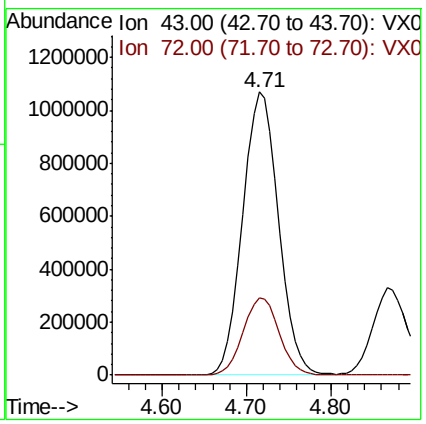




#25
2-Butanone
Concen: 759.97 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 43 Resp: 3095892

Ion	Ratio	Lower	Upper
43	100		
72	27.3	21.4	32.0



Instrument :
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ClientSampleId :
VSTDICC150

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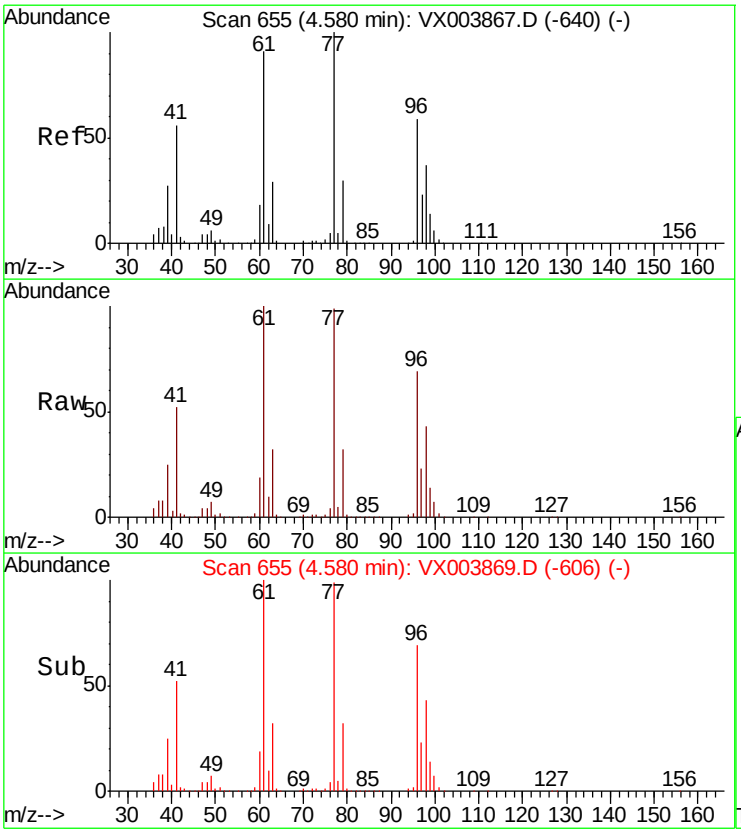
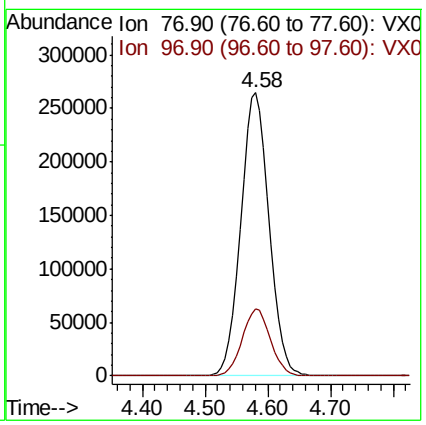
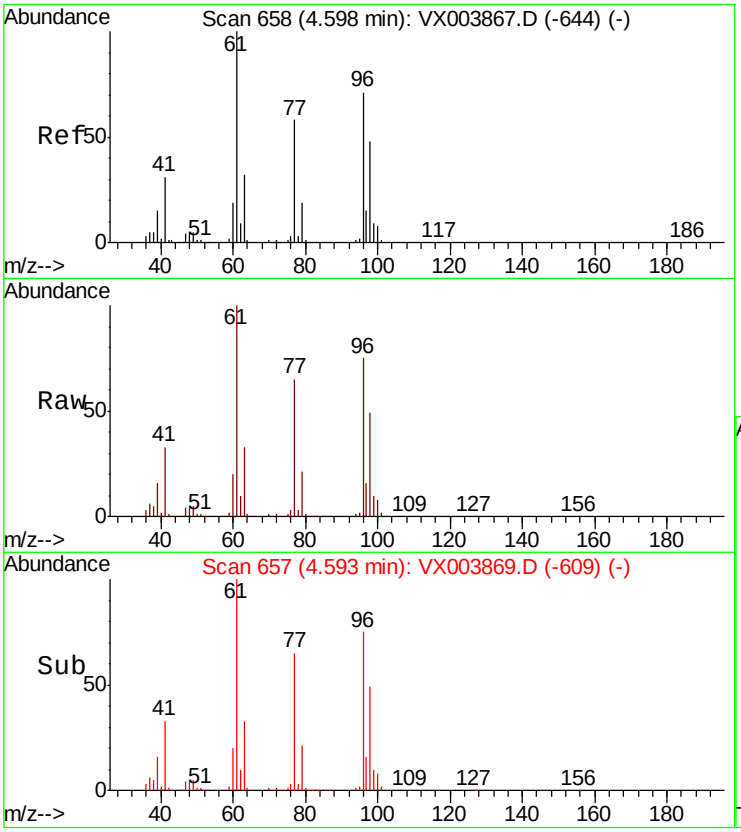


#26
2,2-Dichloropropane
Concen: 168.98 ug/l
RT: 4.58 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 77 Resp: 823120

Ion	Ratio	Lower	Upper
77	100		
97	23.6	11.9	35.9

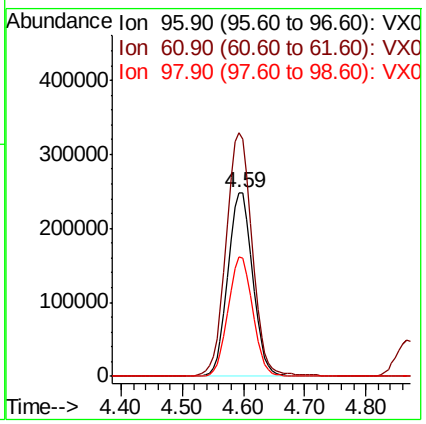




#27
cis-1,2-Dichloroethene
Concen: 157.49 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 96 Resp: 690830

Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	293.0
98	64.5	0.0	131.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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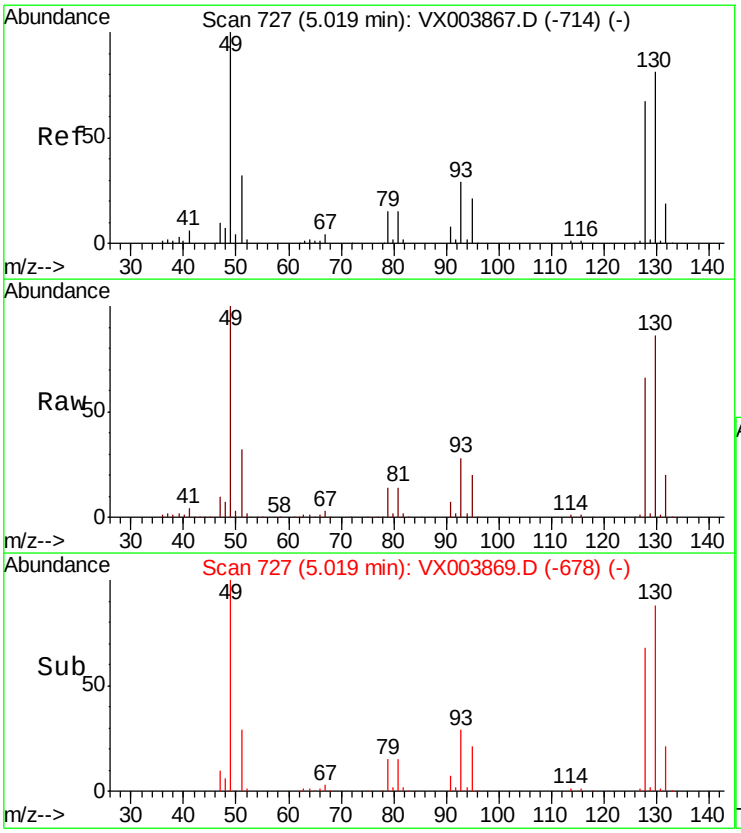
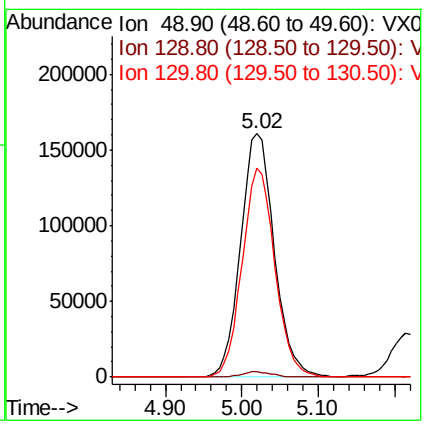
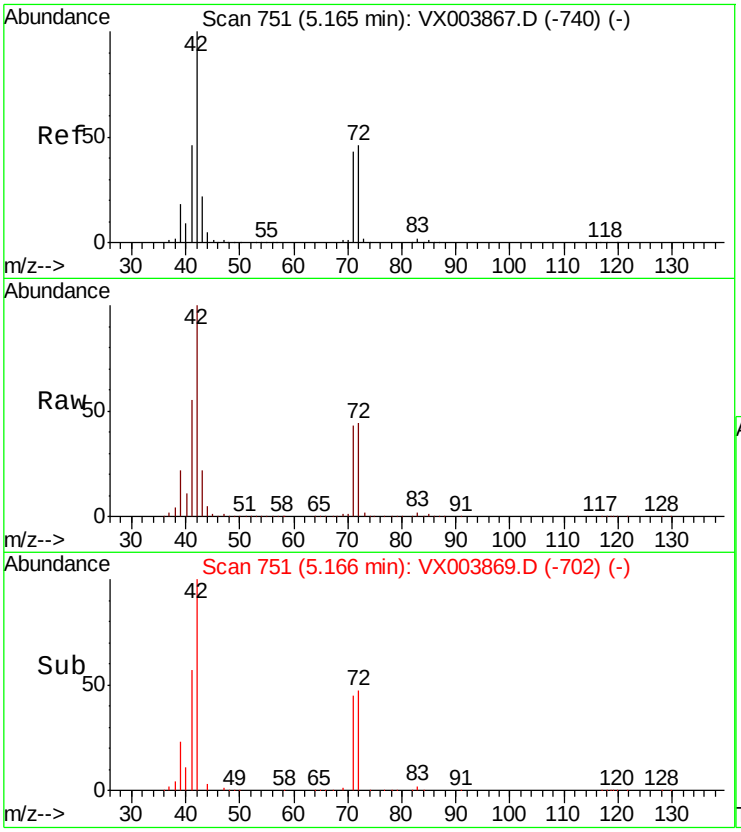


#28
Bromochloromethane
Concen: 150.36 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 49 Resp: 493569

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.5	66.5	99.7

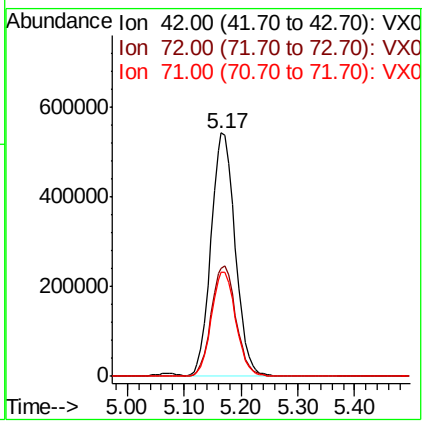




#29
Tetrahydrofuran
Concen: 771.05 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 42 Resp: 1600793

Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.7	56.5
71	43.3	35.0	52.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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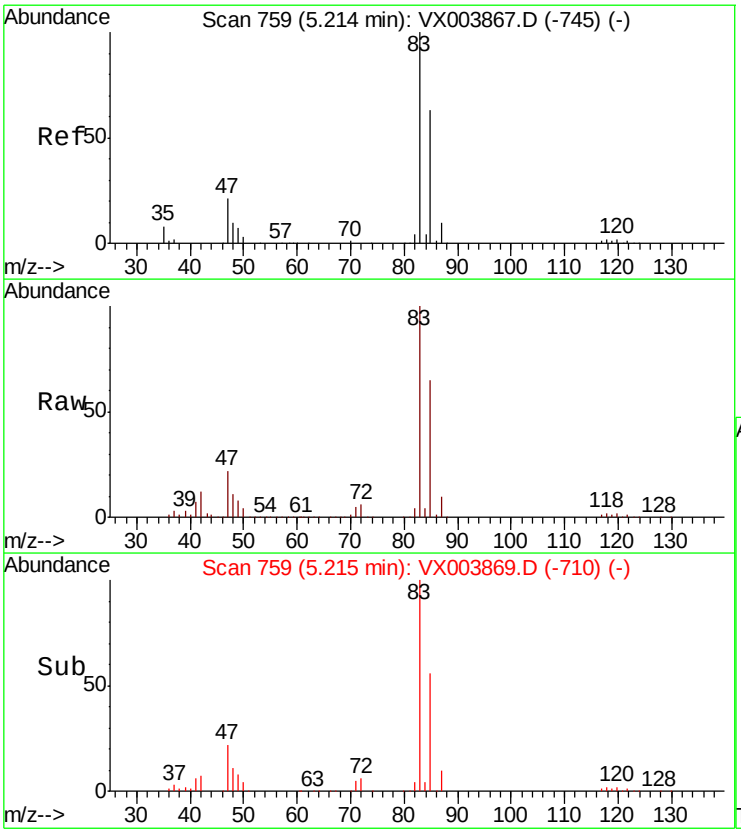
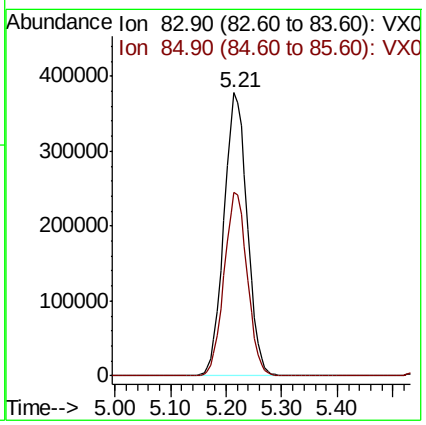
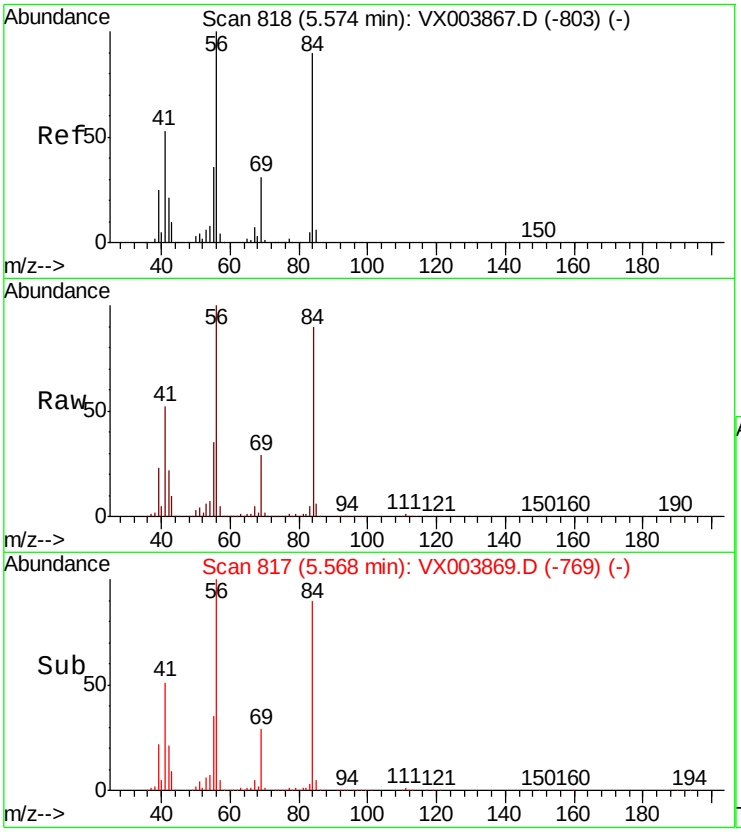


#30
Chloroform
Concen: 150.07 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 83 Resp: 1091316

Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.7	76.1

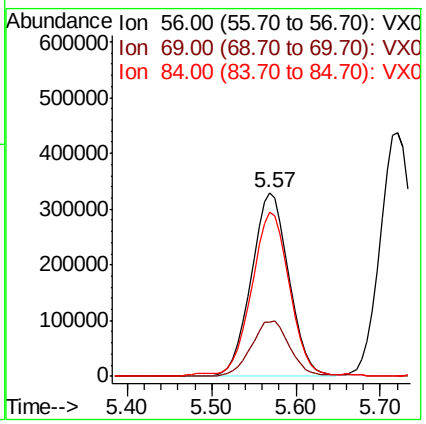




#31
Cyclohexane
Concen: 163.34 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 56 Resp: 1003100

Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.9	37.3
84	88.9	71.7	107.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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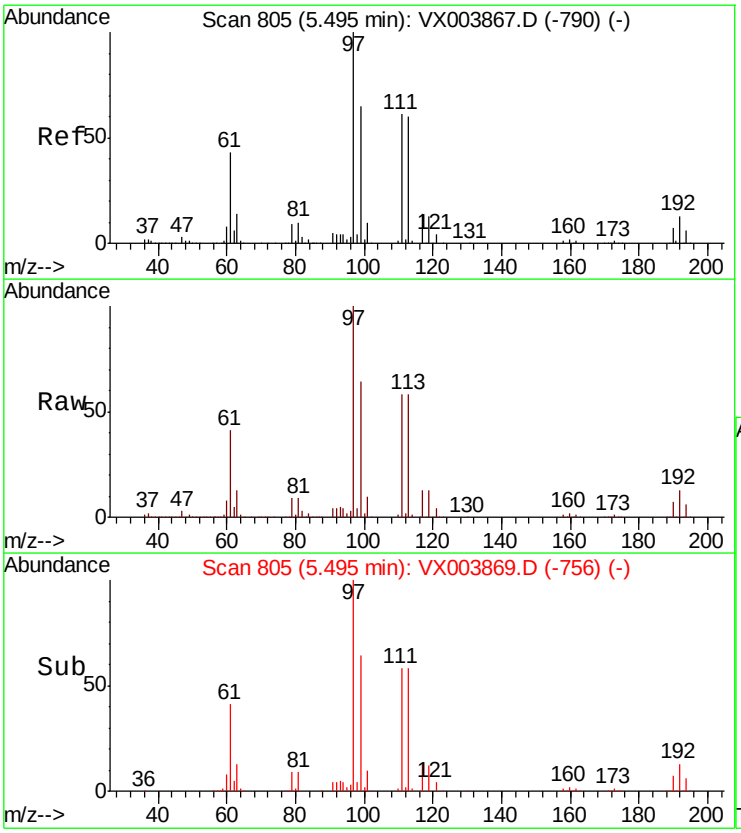
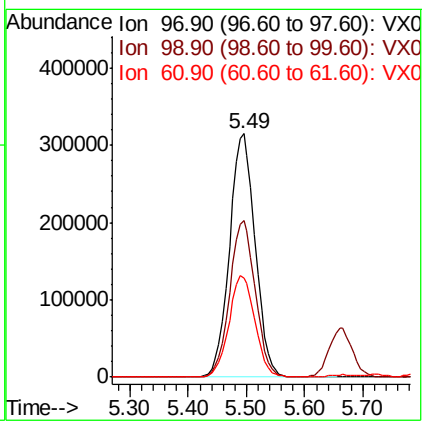
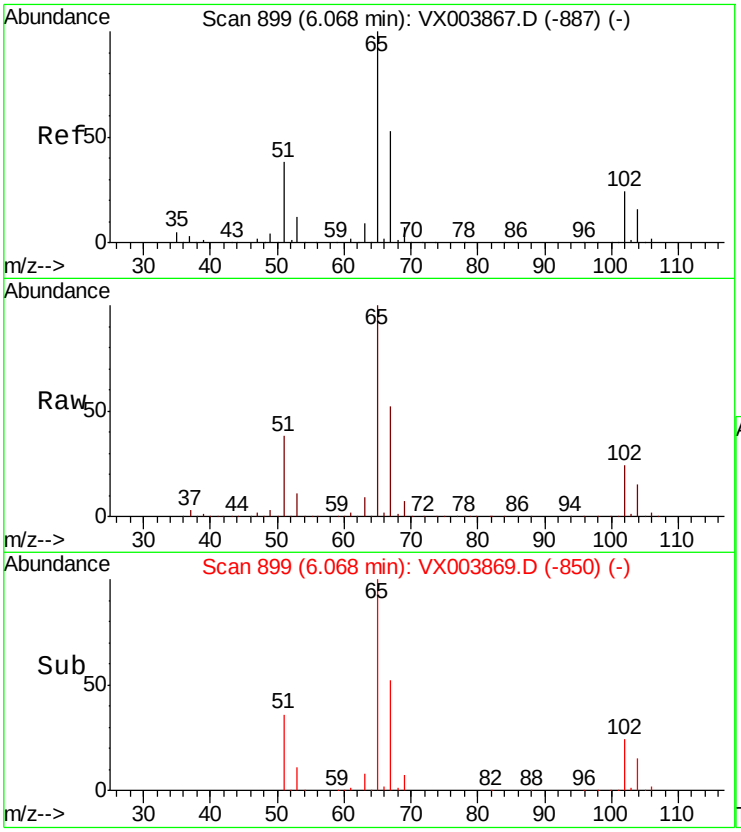


#32
1,1,1-Trichloroethane
Concen: 158.31 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 97 Resp: 960611

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.8
61	42.3	34.4	51.6

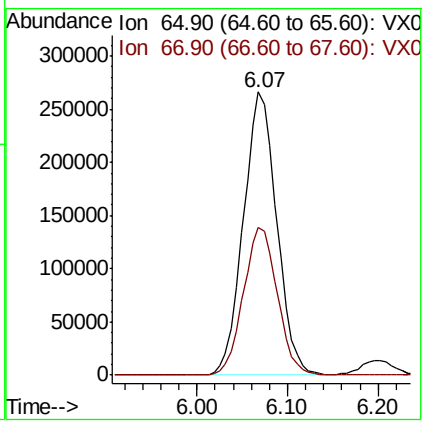




#33
1,2-Dichloroethane-d4
Concen: 149.45 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 65 Resp: 678152

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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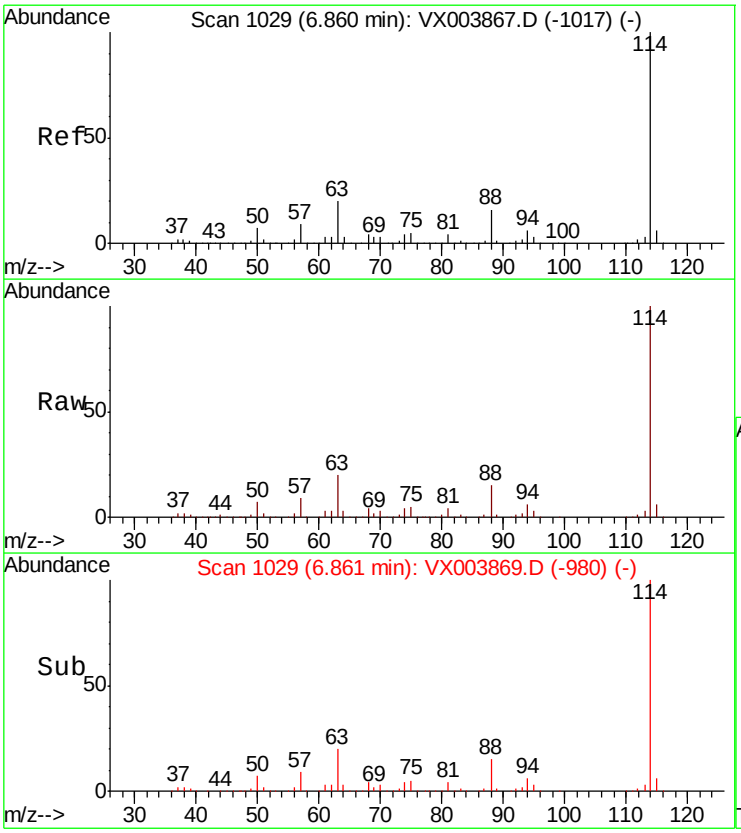
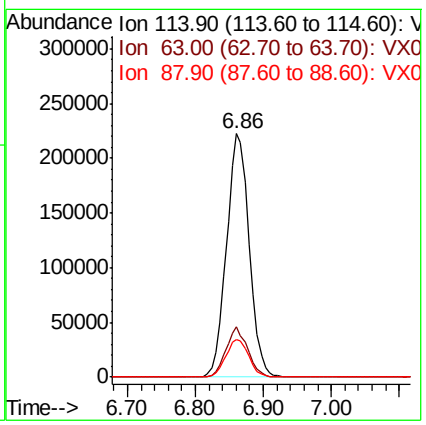
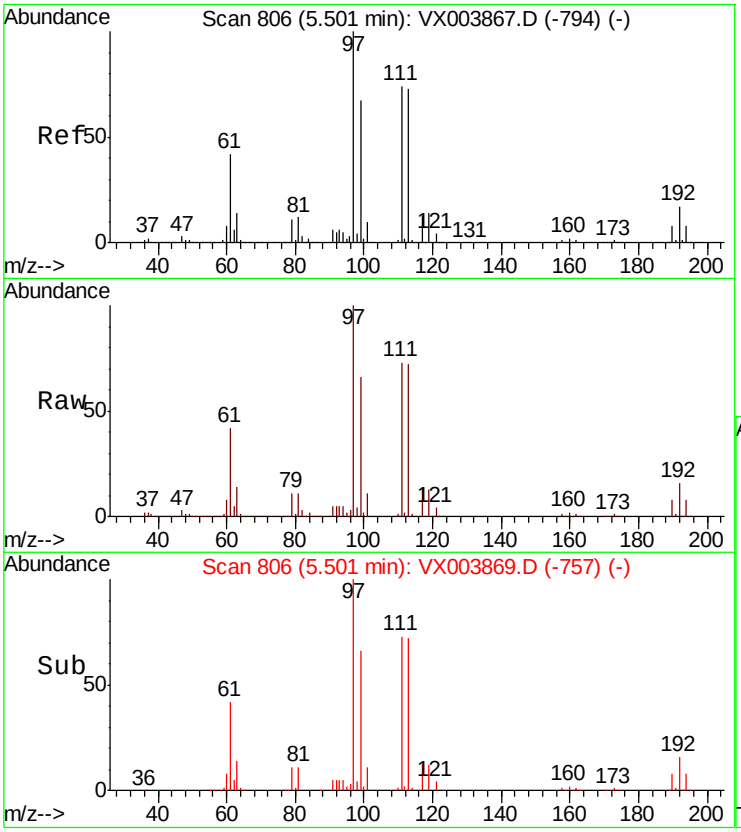


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:114 Resp: 512653

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.4	0.0	32.0

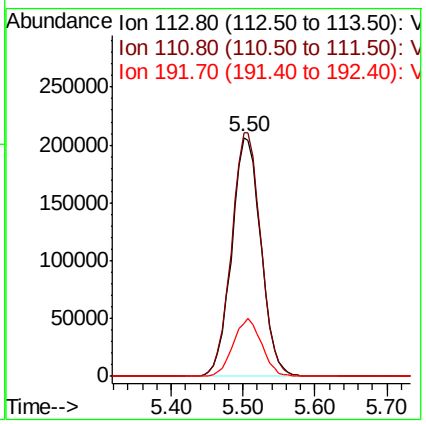




#35
Dibromofluoromethane
Concen: 145.93 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:113 Resp: 580883

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	23.6	19.0	28.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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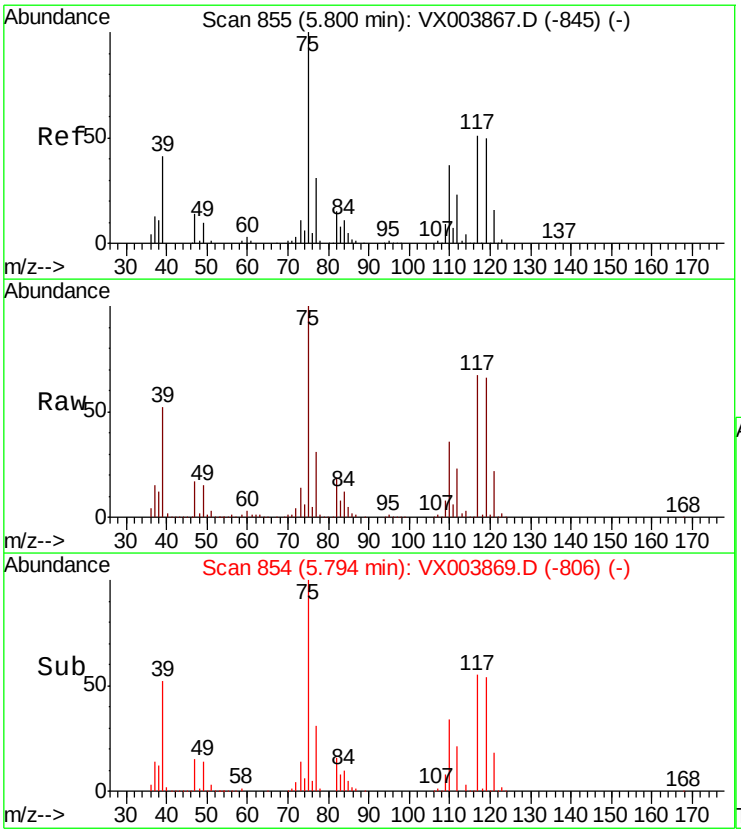
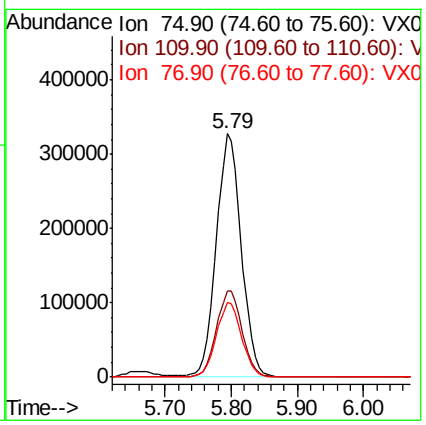
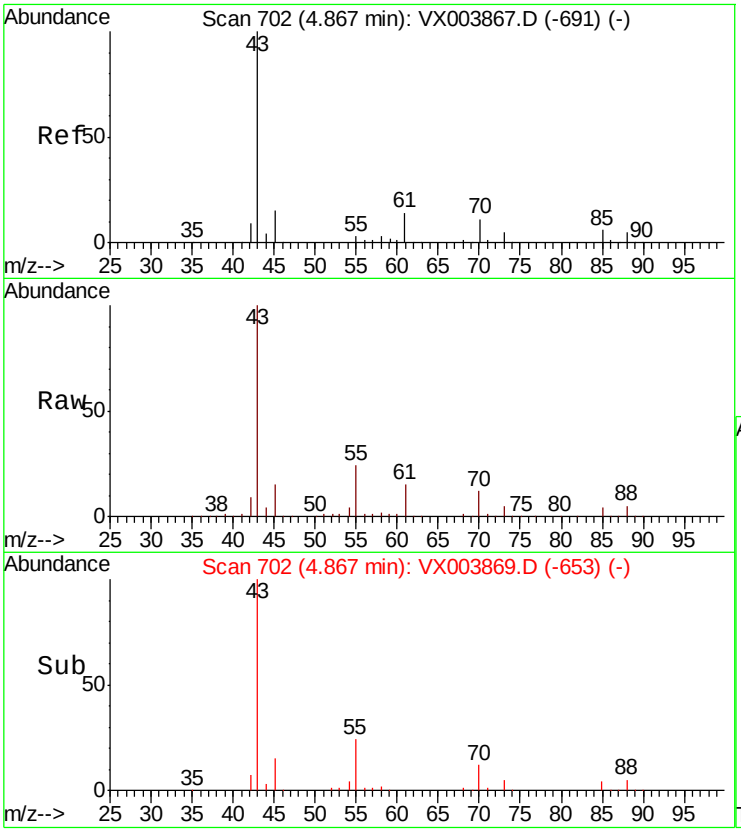


#36
1,1-Dichloropropene
Concen: 153.94 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 75 Resp: 854576

Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.2	54.6
77	31.0	25.0	37.4

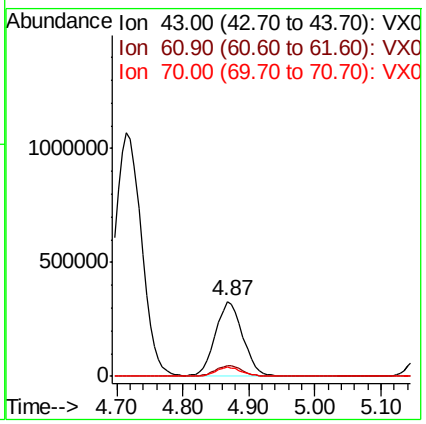




#37
Ethyl Acetate
Concen: 149.11 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 43 Resp: 942643

Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.5	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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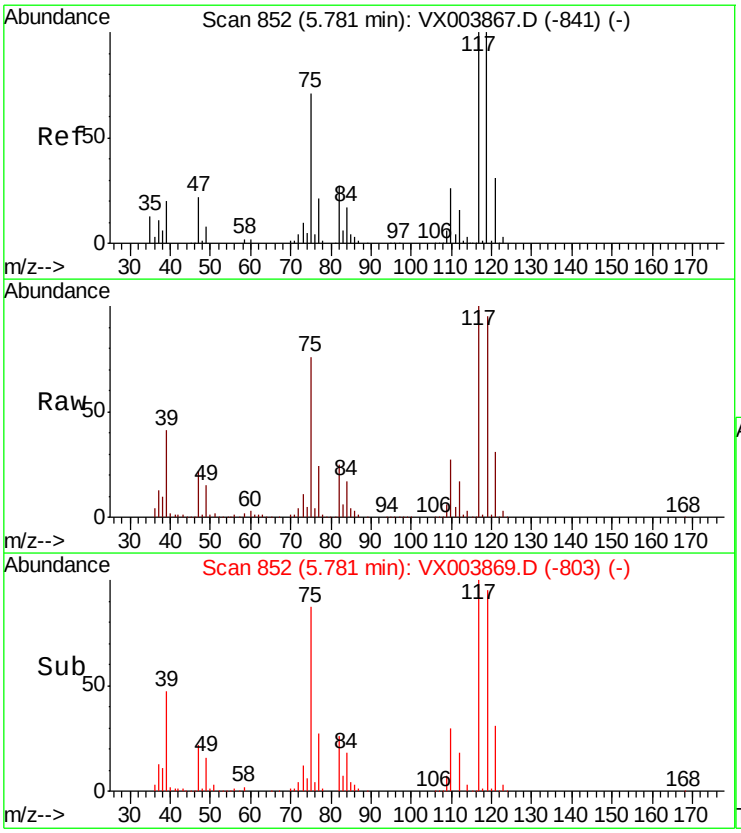
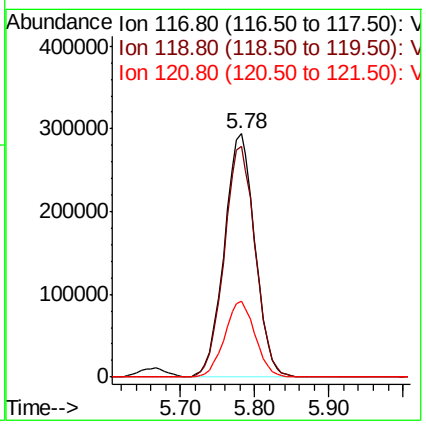
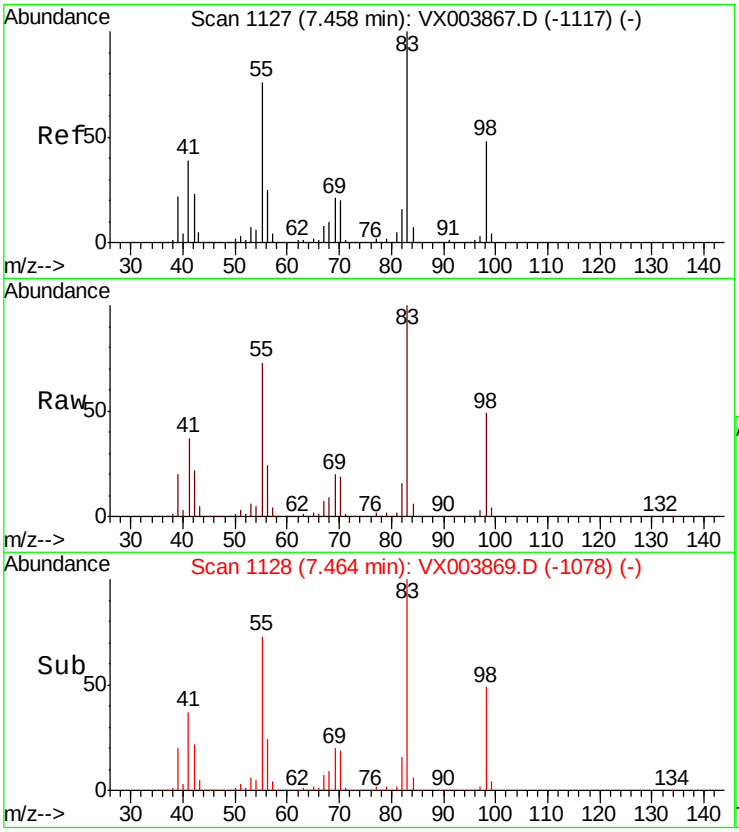


#38
Carbon Tetrachloride
Concen: 152.88 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:117 Resp: 843500

Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.5	119.3
121	31.1	25.0	37.4

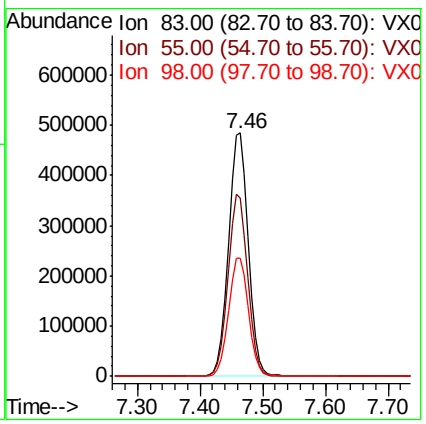




#39
Methylcyclohexane
Concen: 165.94 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 83 Resp: 1053936

Ion	Ratio	Lower	Upper
83	100		
55	73.5	61.0	91.6
98	48.8	38.6	57.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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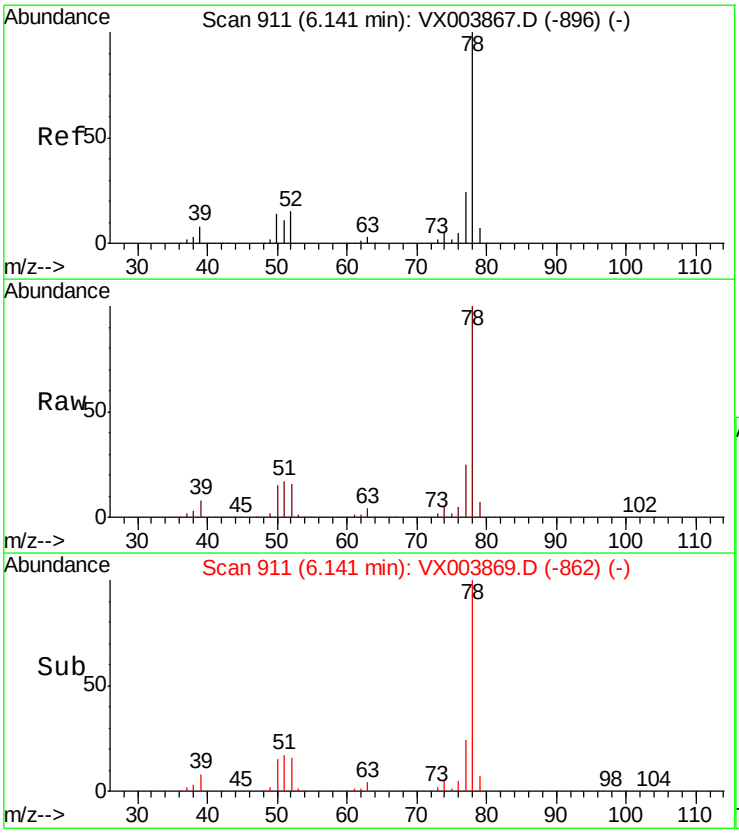
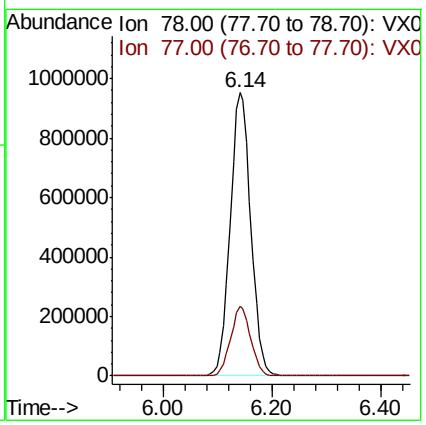
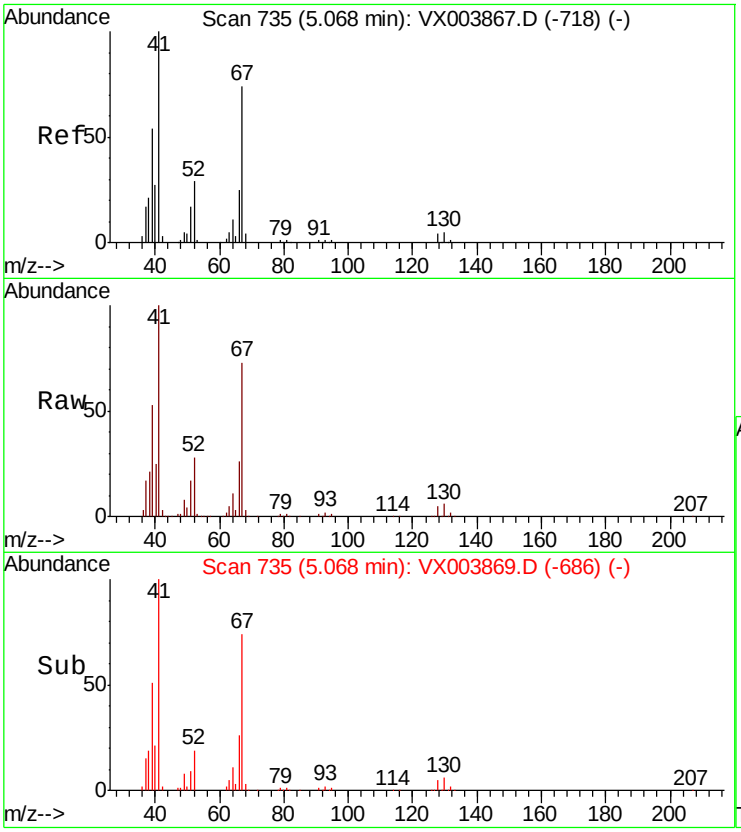


#40
Benzene
Concen: 147.86 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 78 Resp: 2514874

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4

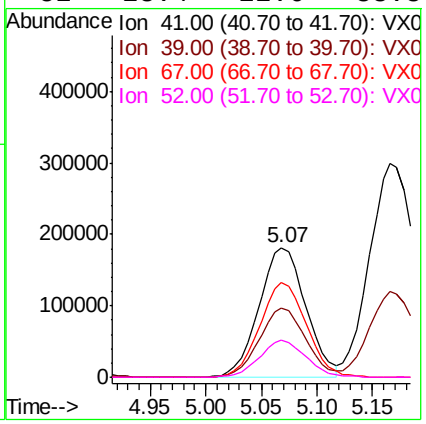




#41
Methacrylonitrile
Concen: 155.12 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 41 Resp: 529290

Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.7	64.1
67	73.5	58.9	88.3
52	28.4	22.6	33.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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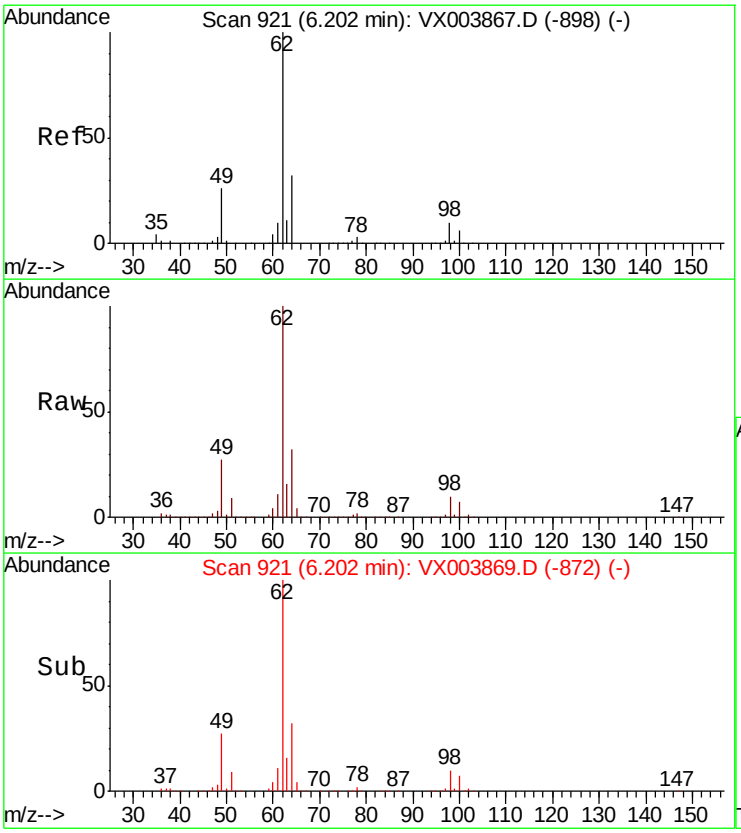
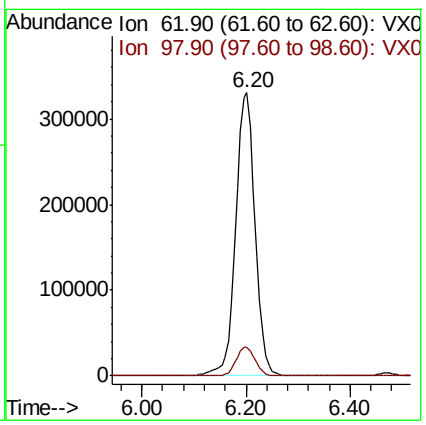
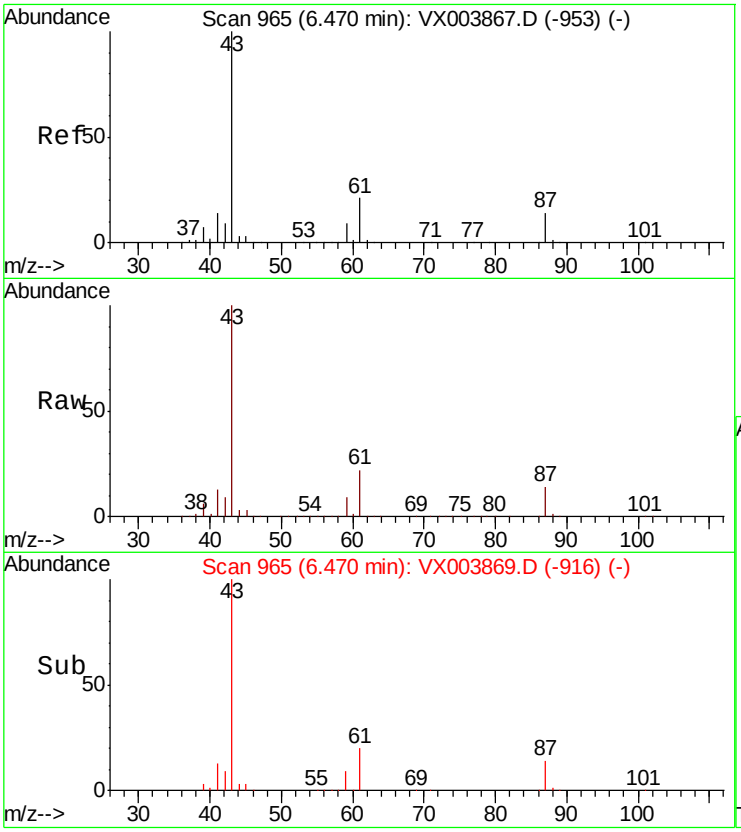


#42
1,2-Dichloroethane
Concen: 149.08 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 62 Resp: 848327

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

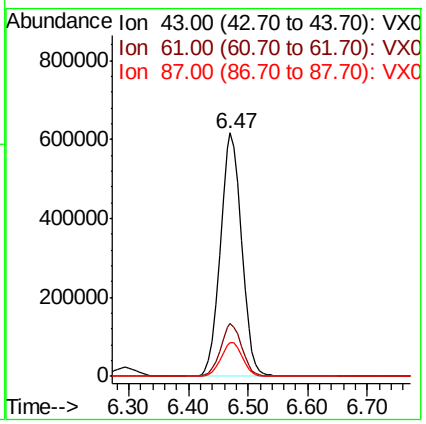




#43
Isopropyl Acetate
Concen: 160.83 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 43 Resp: 1525436

Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.9	25.3
87	14.1	11.3	16.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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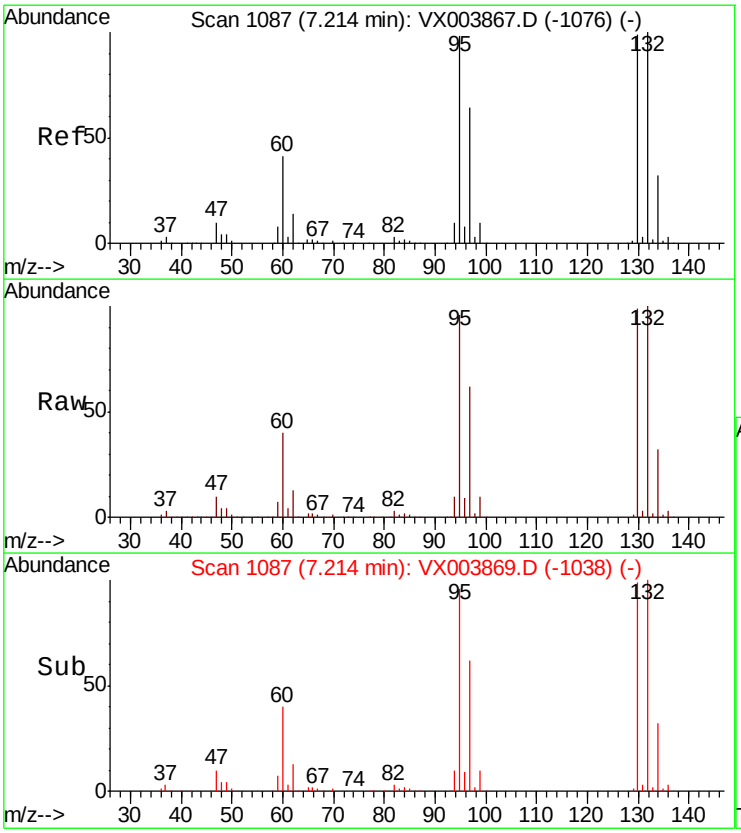
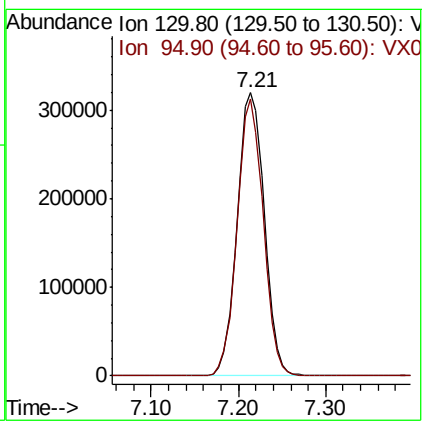
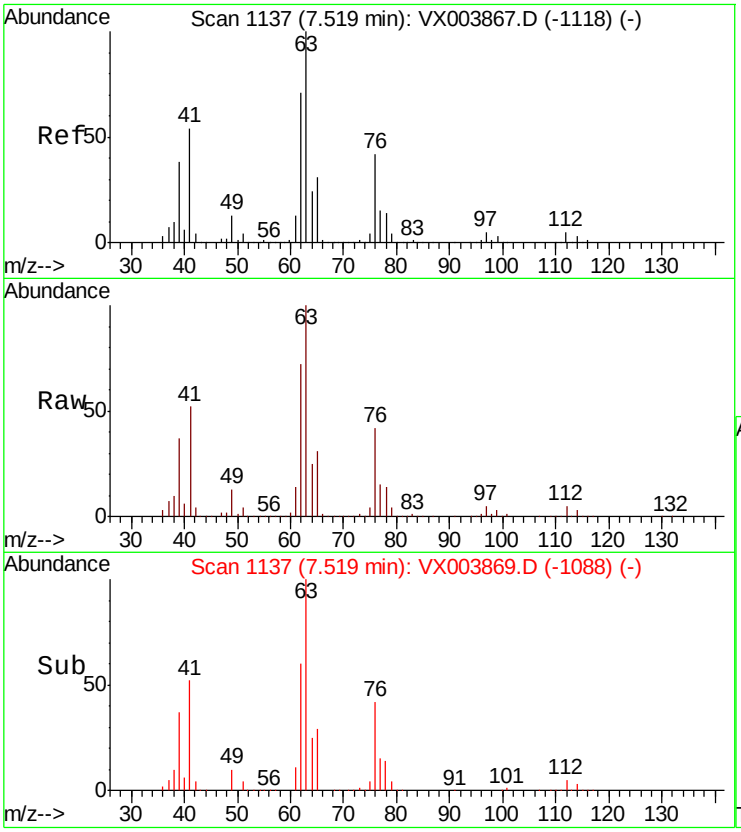


#44
Trichloroethene
Concen: 150.39 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:130 Resp: 690496

Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	199.4

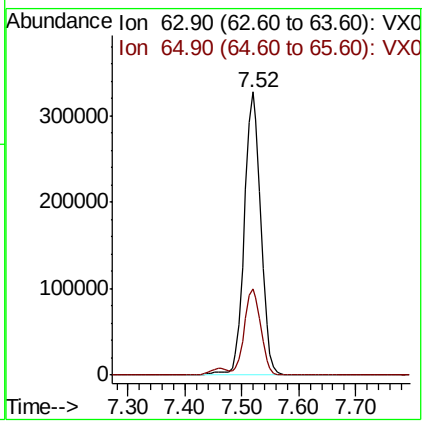




#45
1,2-Dichloropropane
Concen: 149.98 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 63 Resp: 660208

Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.6	36.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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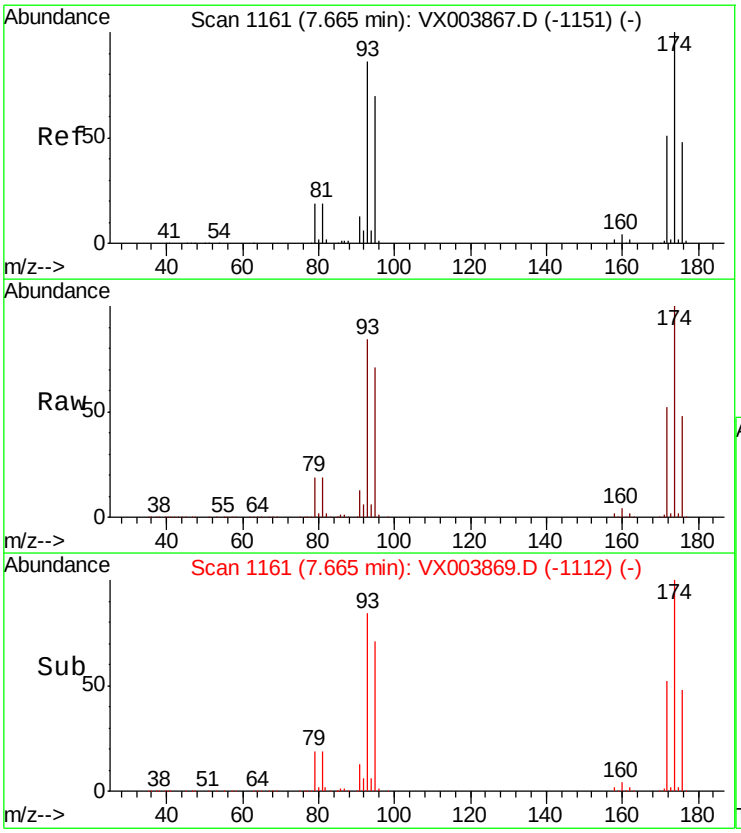
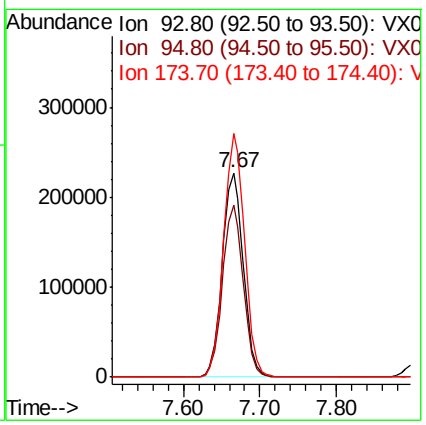
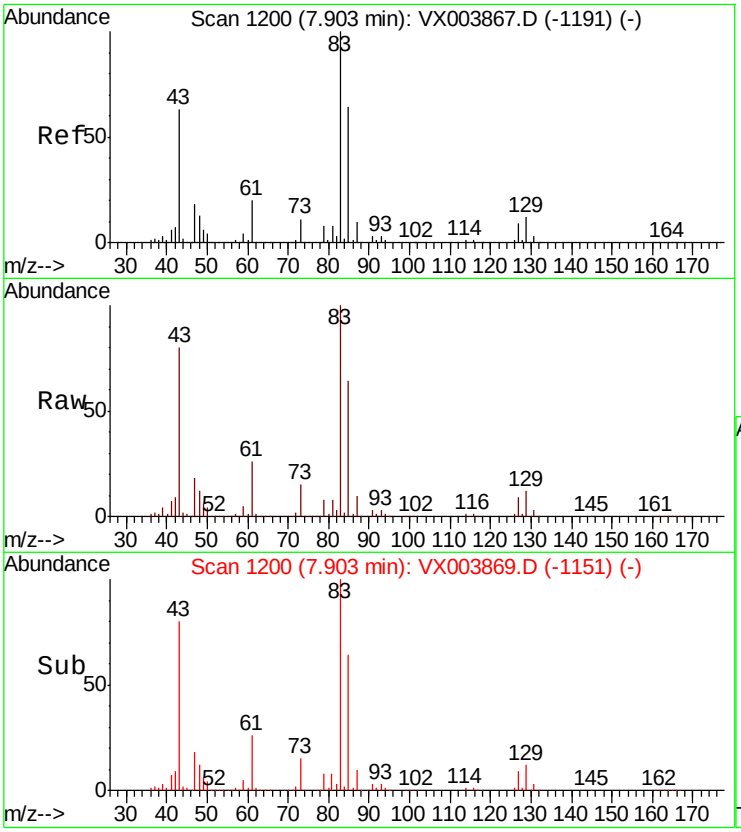


#46
Dibromomethane
Concen: 152.36 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 93 Resp: 430736

Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.4	99.6
174	118.4	94.3	141.5

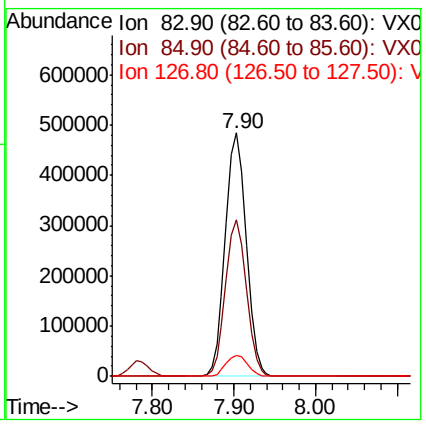




#47
Bromodichloromethane
Concen: 161.02 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 83 Resp: 860196

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.2	76.8
127	8.8	7.2	10.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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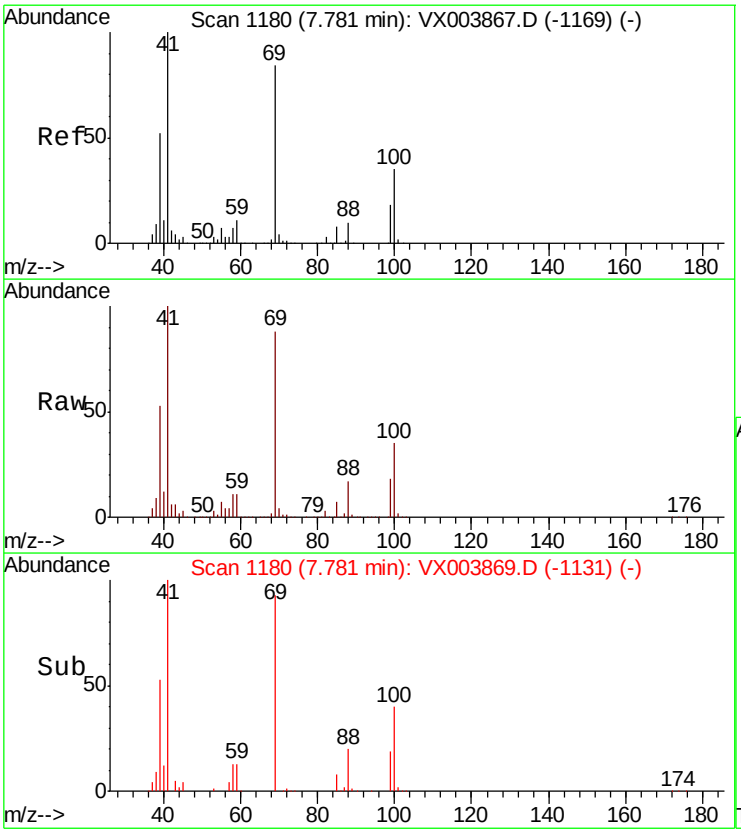
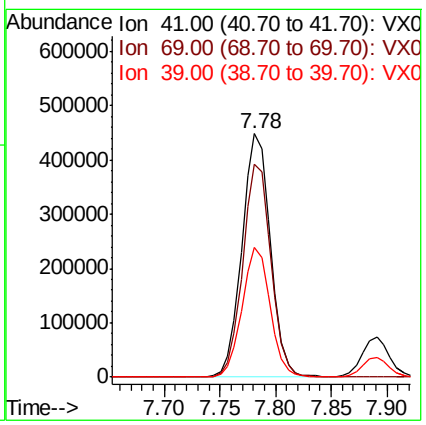
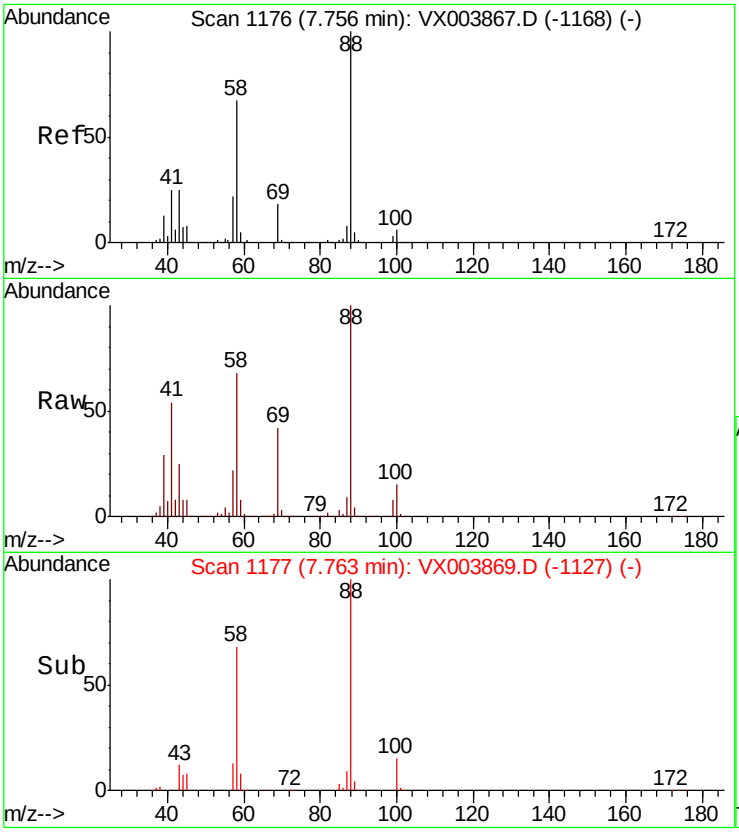


#48
Methyl methacrylate
Concen: 165.94 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 41 Resp: 795197

Ion	Ratio	Lower	Upper
41	100		
69	87.5	68.8	103.2
39	52.6	42.3	63.5

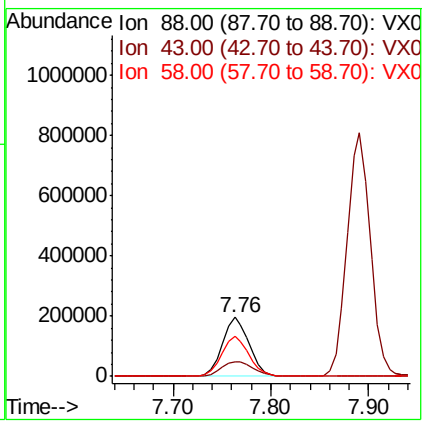




#49
1,4-Dioxane
Concen: 3227.52 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 88 Resp: 366022

Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.8	35.8
58	69.7	55.4	83.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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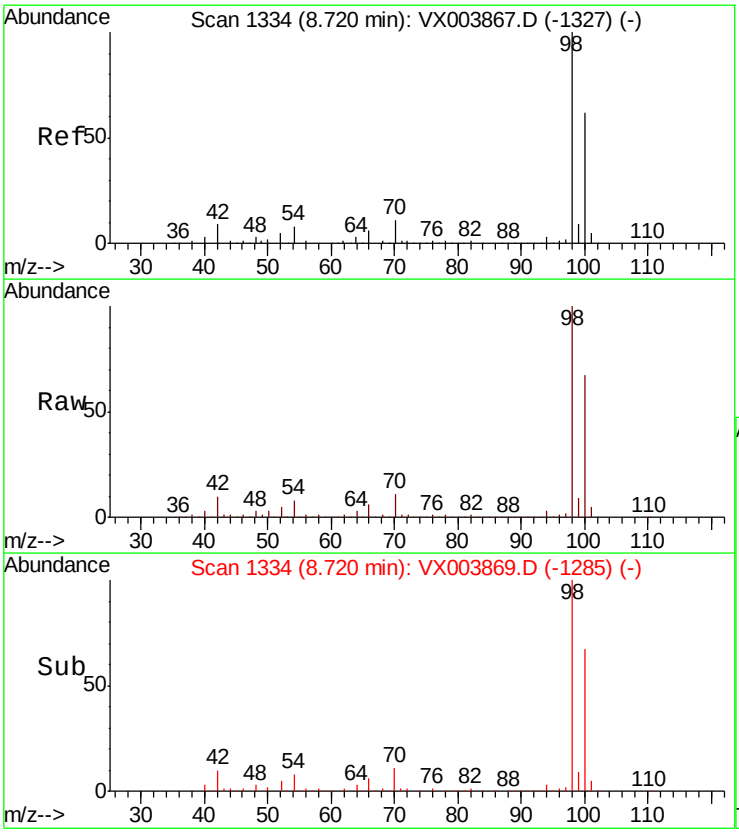
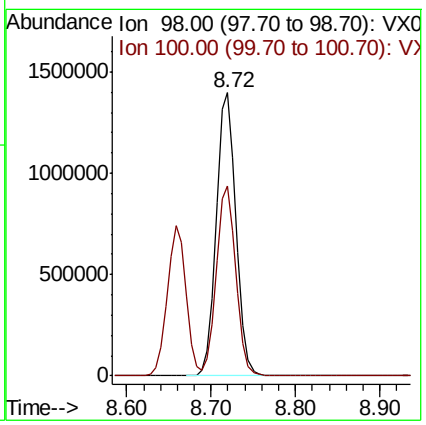
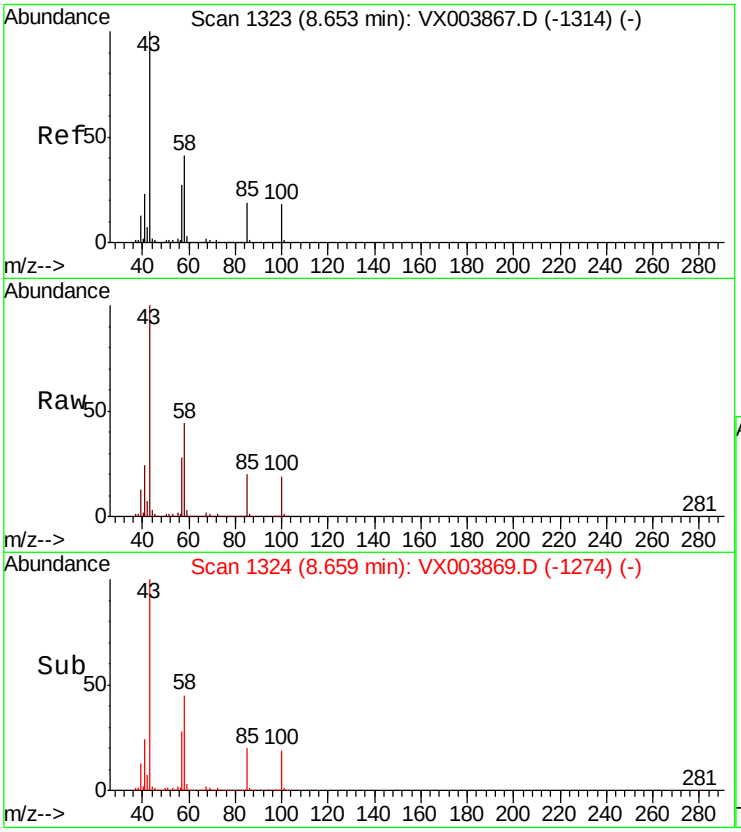


#50
Toluene-d8
Concen: 146.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 98 Resp: 2250540

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.3	79.9

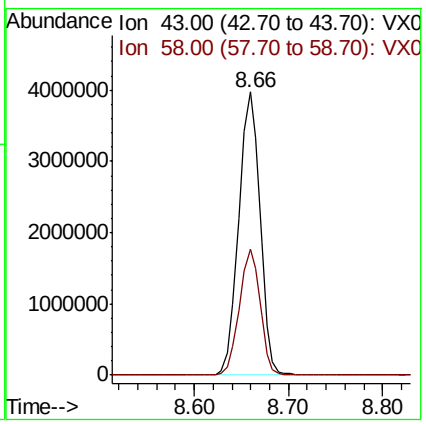




#51
4-Methyl-2-Pentanone
Concen: 796.53 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 43 Resp: 6293354

Ion	Ratio	Lower	Upper
43	100		
58	43.2	33.0	49.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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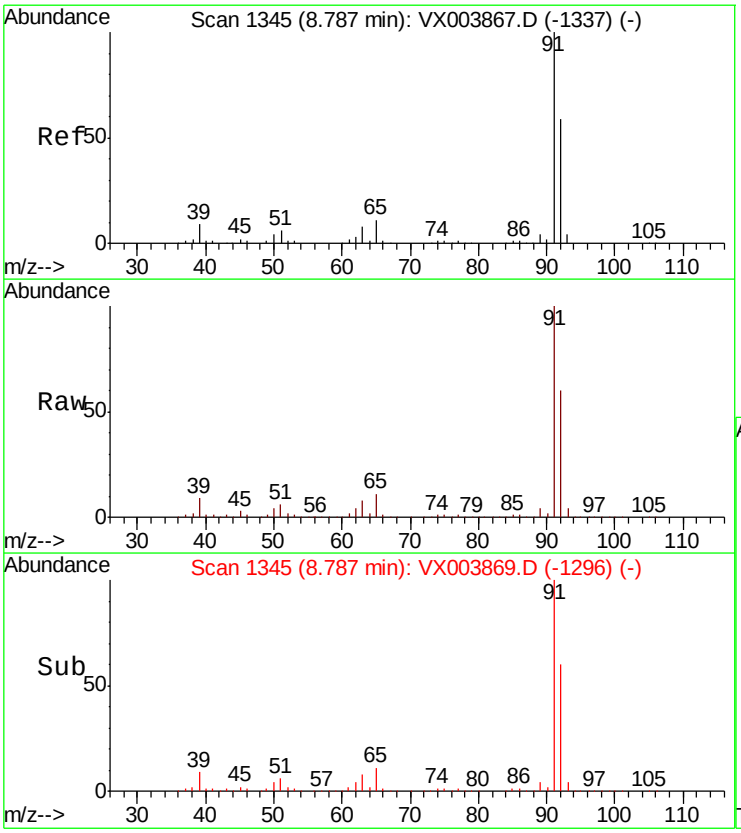
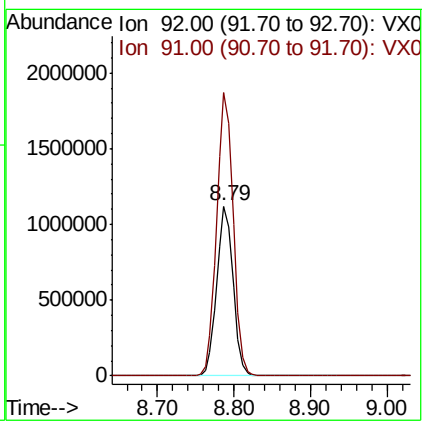
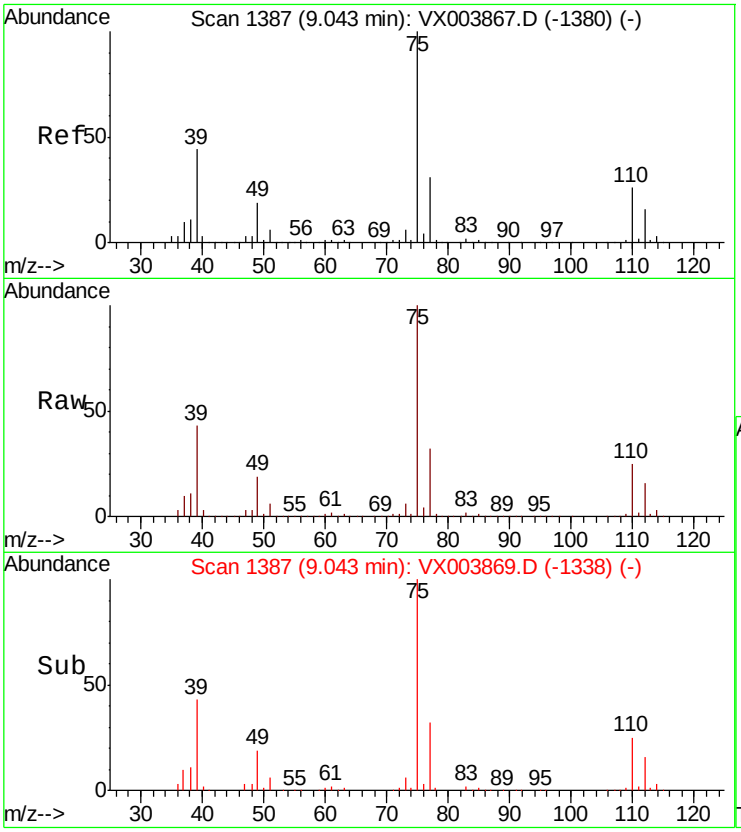


#52
Toluene
Concen: 157.73 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 92 Resp: 1658340

Ion	Ratio	Lower	Upper
92	100		
91	169.0	136.1	204.1

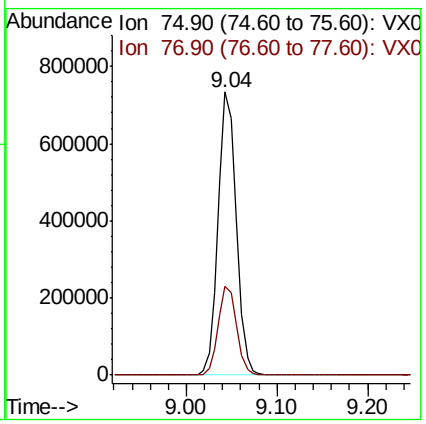




#53
t-1,3-Dichloropropene
Concen: 175.69 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 75 Resp: 1026986

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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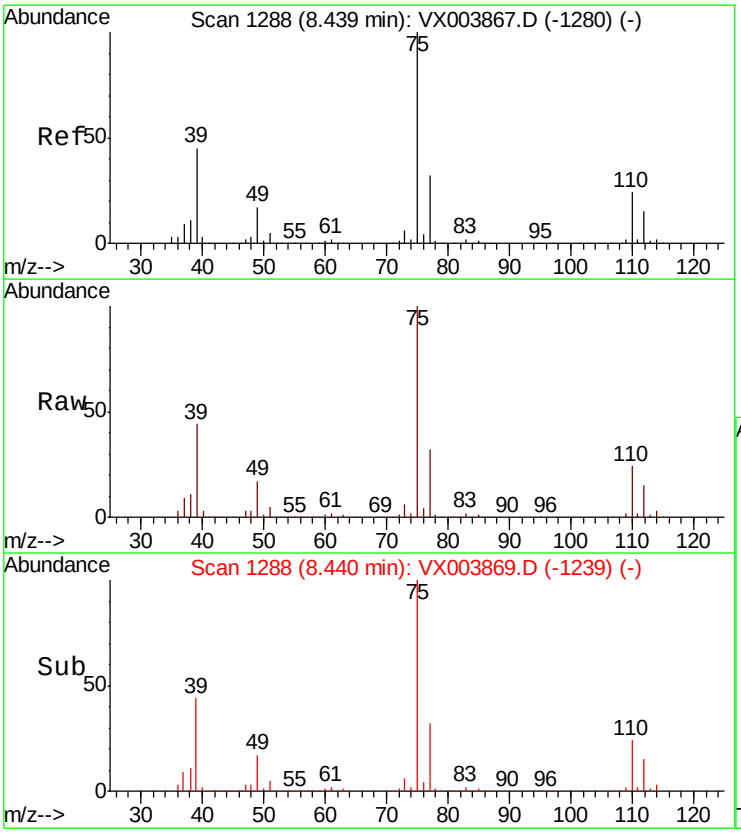
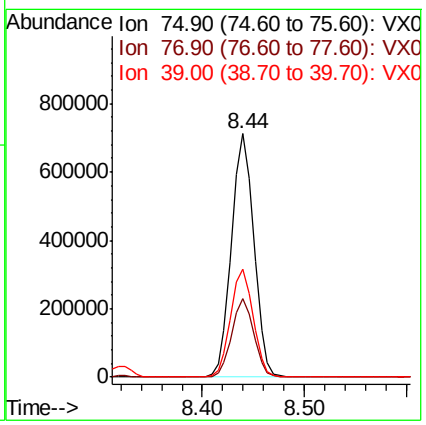
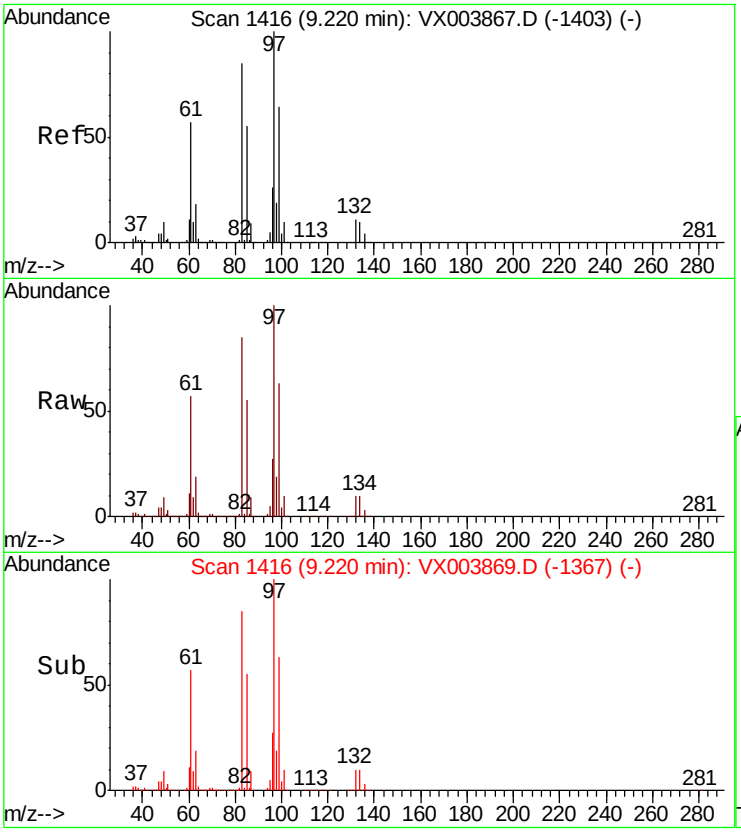


#54
cis-1,3-Dichloropropene
Concen: 168.70 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 75 Resp: 1076092

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	44.3	36.2	54.2

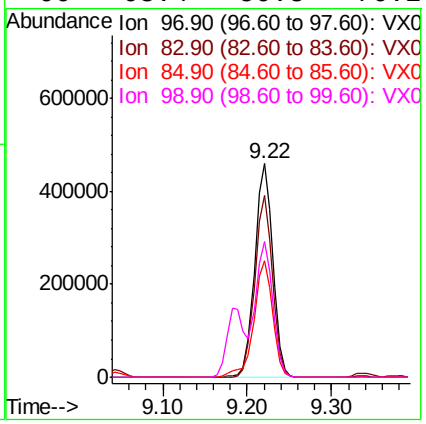




#55
1,1,2-Trichloroethane
Concen: 151.64 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 97 Resp: 669461

Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.8	101.6
85	54.8	44.2	66.2
99	63.4	50.8	76.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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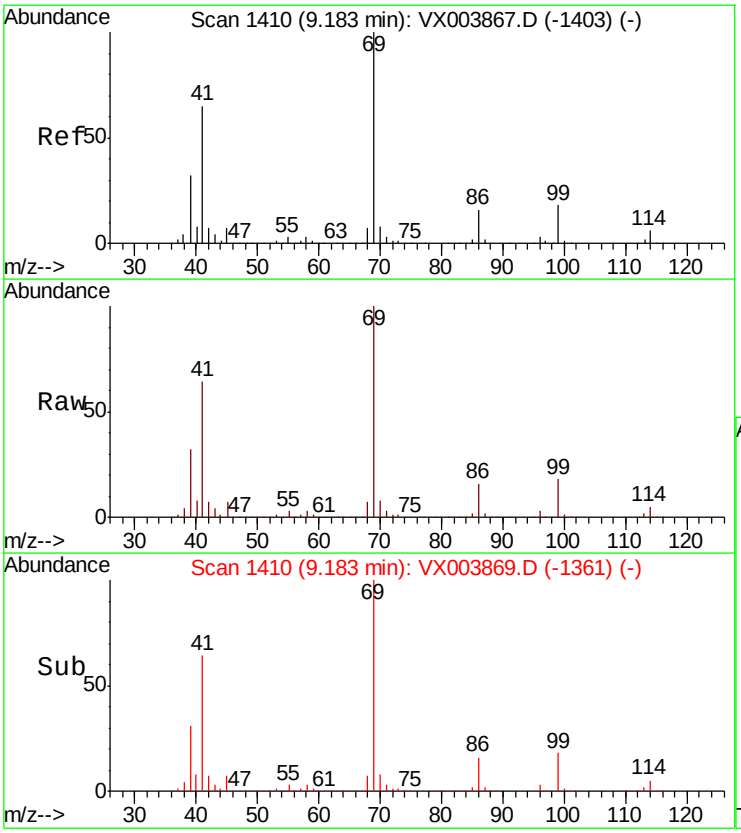
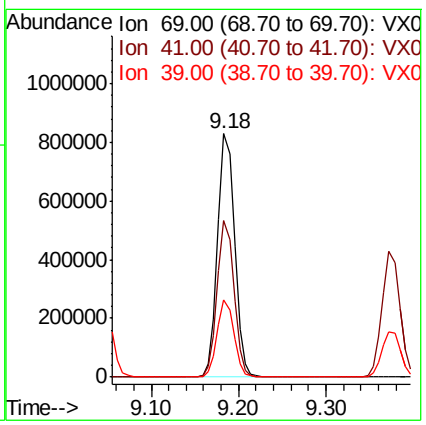
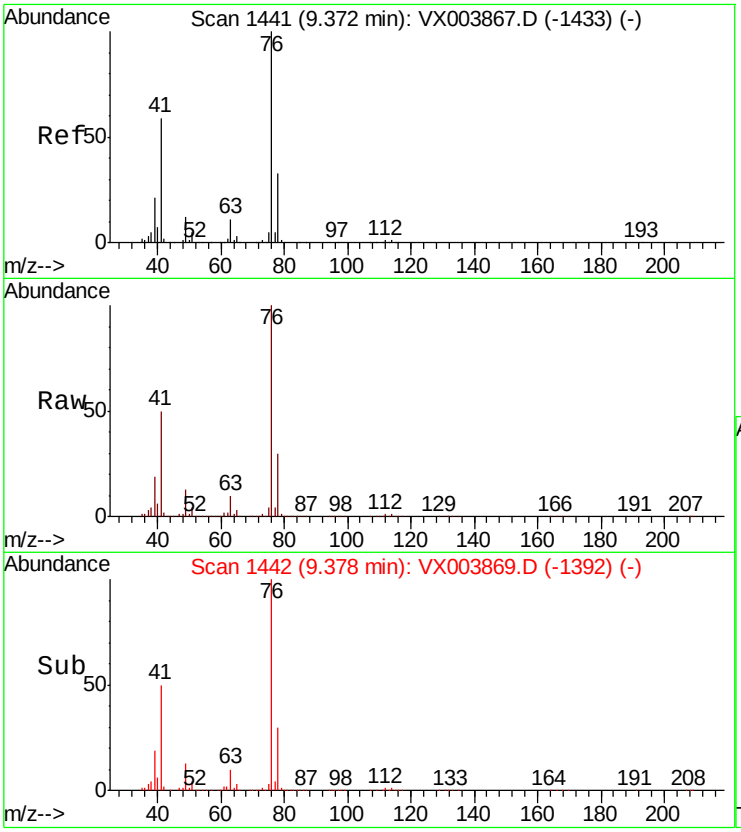


#56
Ethyl methacrylate
Concen: 181.04 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 69 Resp: 1120109

Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.6	76.0
39	31.2	25.8	38.6

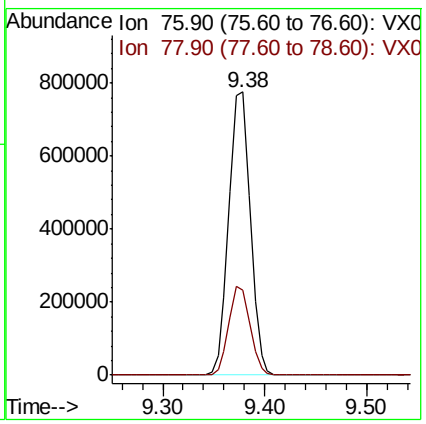




#57
1,3-Dichloropropane
Concen: 157.65 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 76 Resp: 1130041

Ion	Ratio	Lower	Upper
76	100		
78	31.0	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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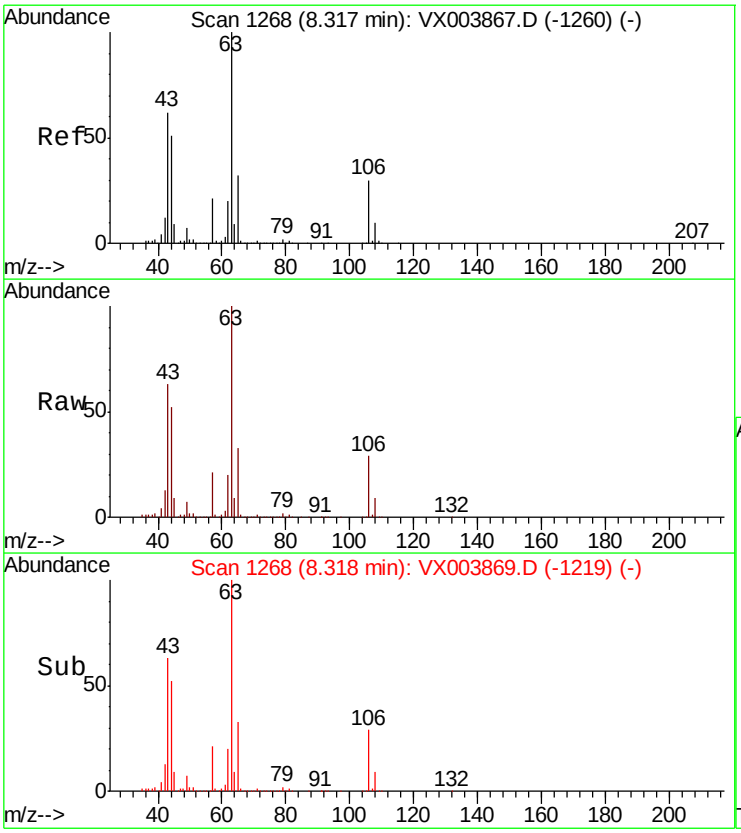
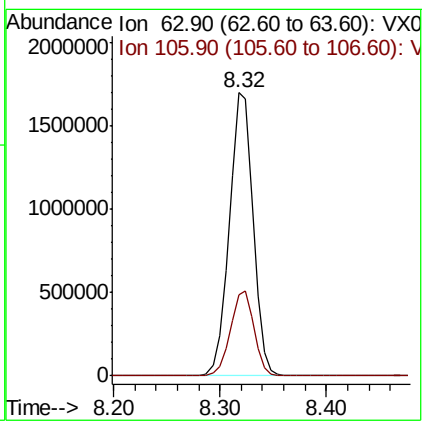
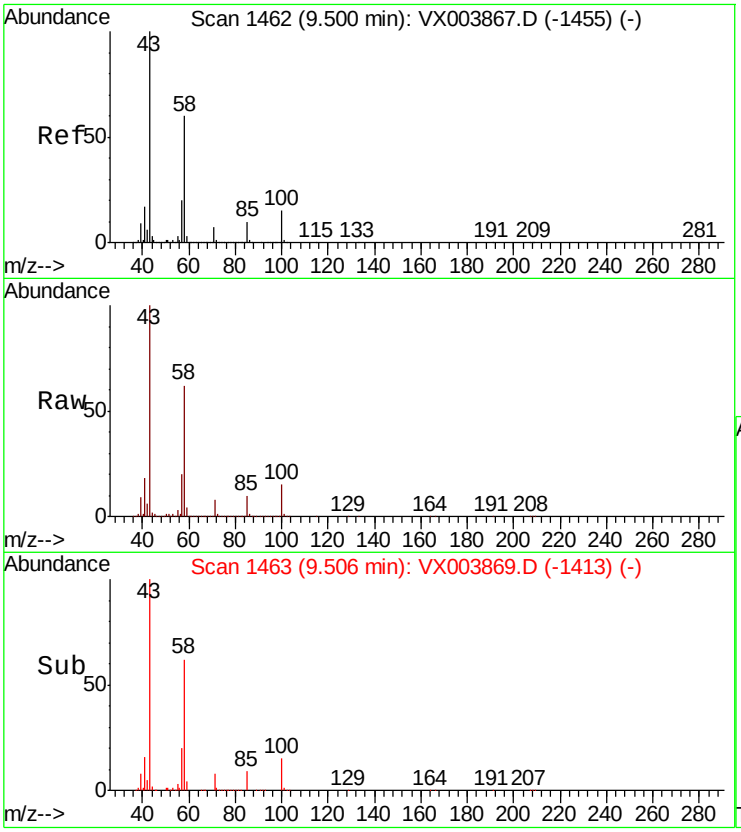


#58
2-Chloroethyl Vinyl ether
Concen: 839.79 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 63 Resp: 2653605

Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.8	35.8





#59
2-Hexanone
Concen: 807.22 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 43 Resp: 4863657

Ion	Ratio	Lower	Upper
43	100		
58	58.9	29.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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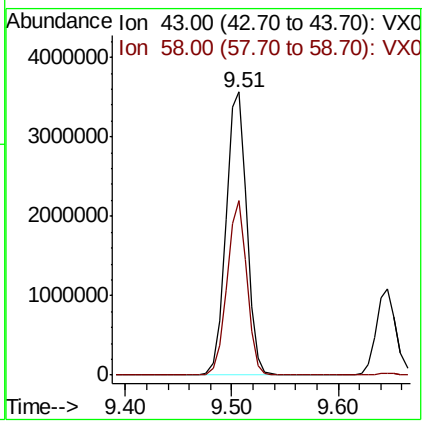
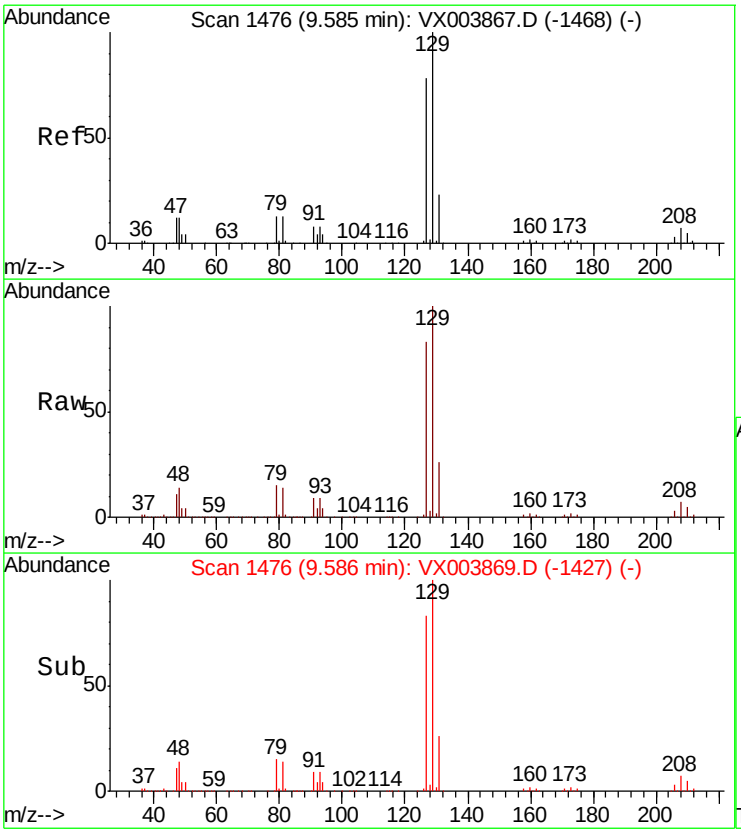
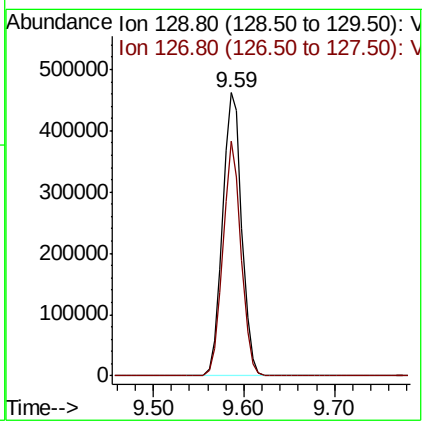


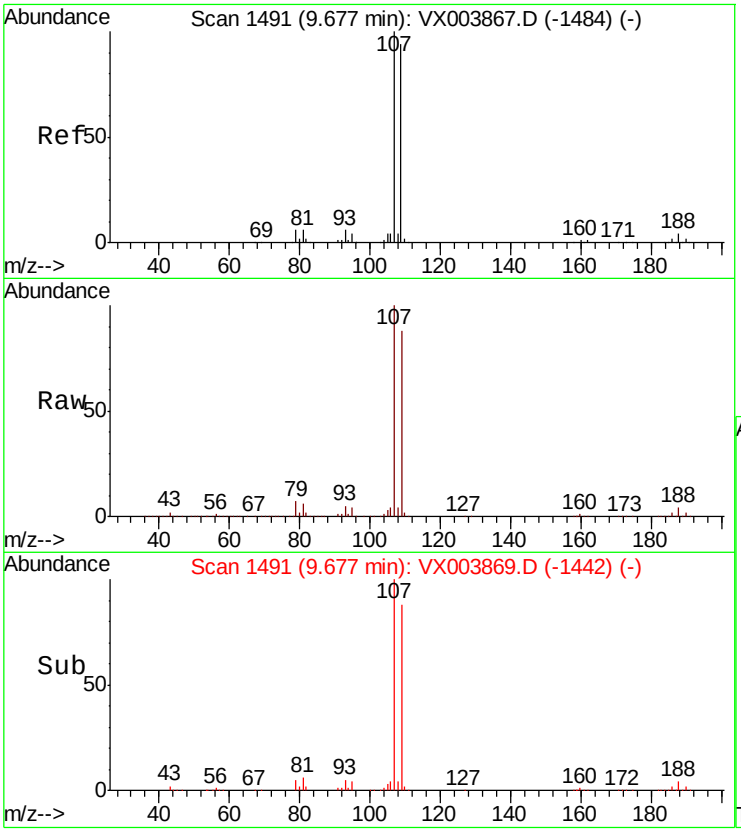


#60
Dibromochloromethane
Concen: 160.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:129 Resp: 687800

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.8	116.3





#61
1,2-Dibromoethane
Concen: 154.83 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:107 Resp: 696290

Ion	Ratio	Lower	Upper
107	100		
109	90.6	75.8	113.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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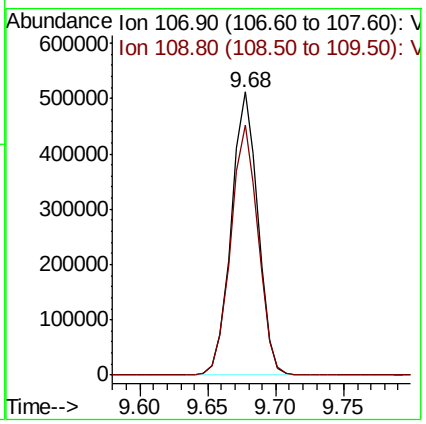
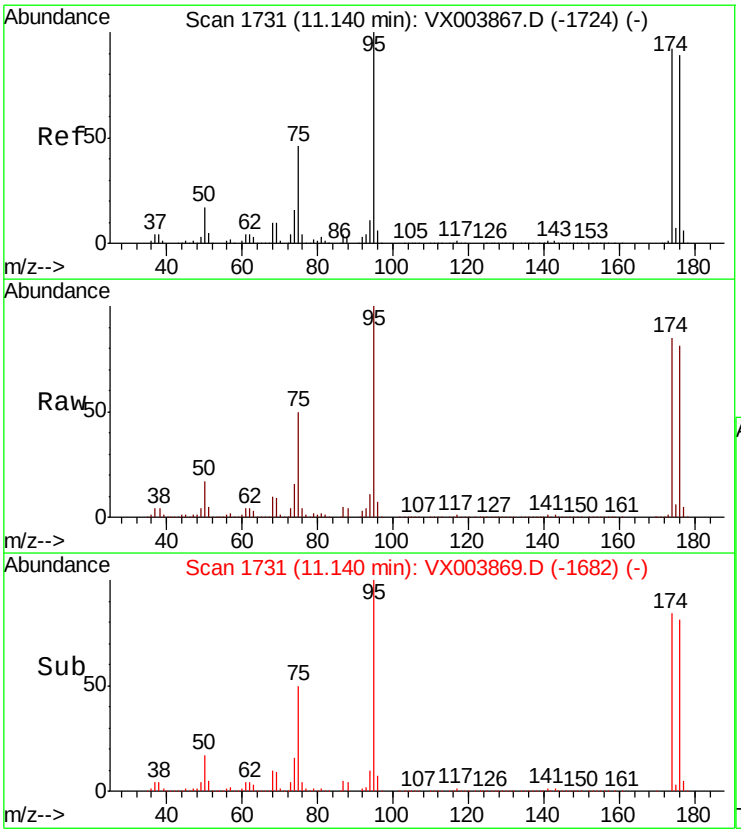
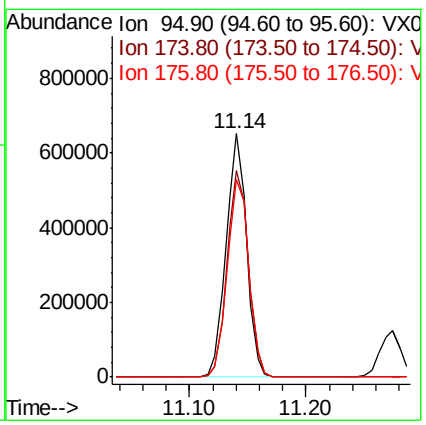


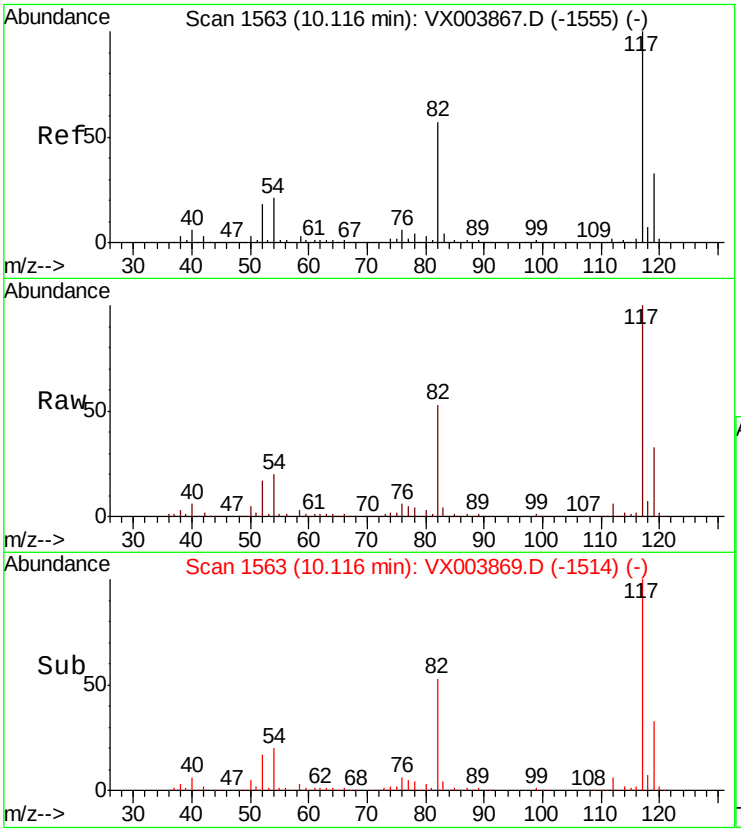


#62
4-Bromofluorobenzene
Concen: 147.81 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 95 Resp: 793817

Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	182.8
176	86.0	0.0	179.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:117 Resp: 477022

Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.4	68.0
119	32.5	26.6	40.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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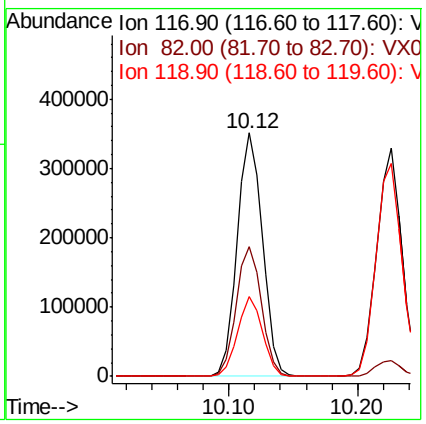
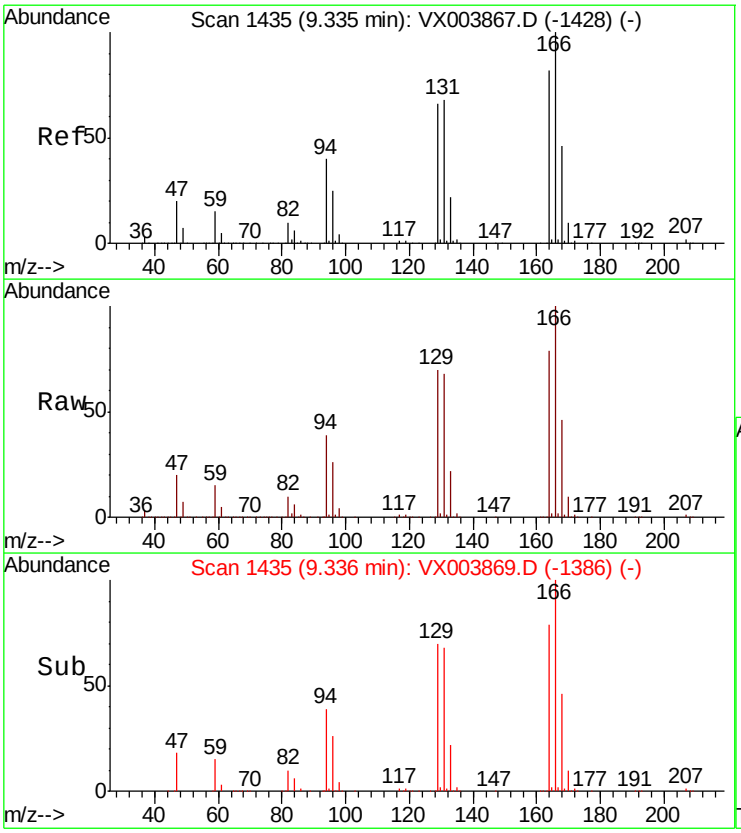
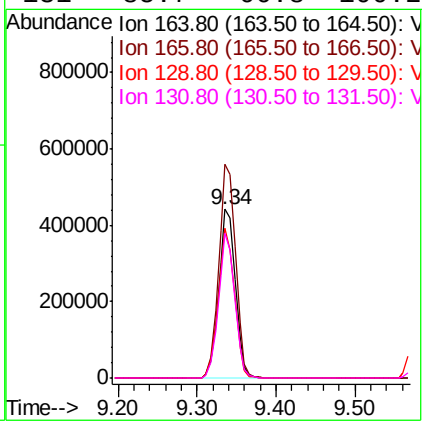


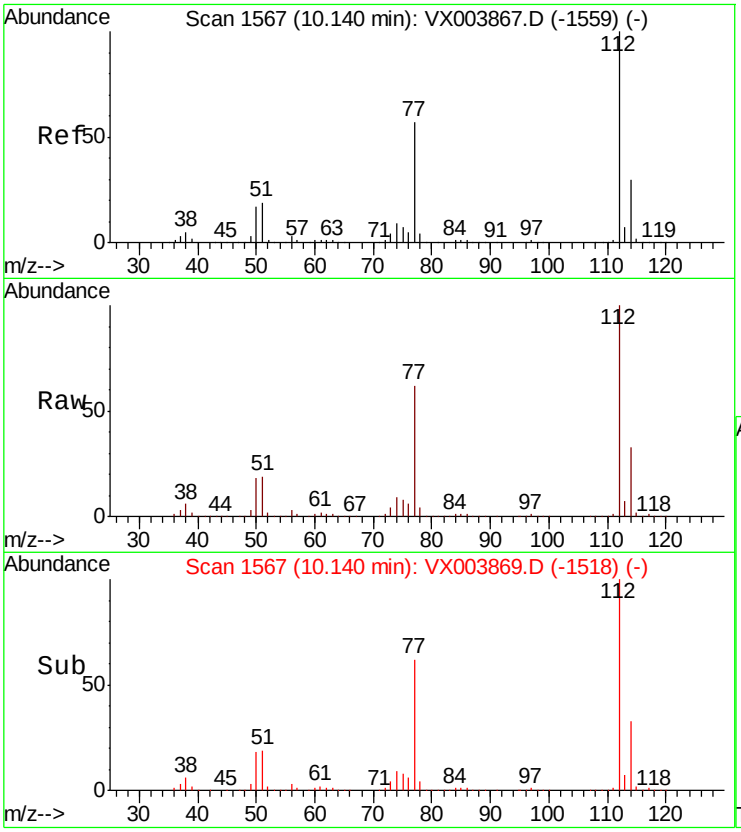


#64
Tetrachloroethene
Concen: 146.50 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:164 Resp: 647043

Ion	Ratio	Lower	Upper
164	100		
166	126.7	98.0	147.0
129	88.6	64.3	96.5
131	85.7	66.8	100.2





#65
Chlorobenzene
Concen: 148.07 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:112 Resp: 1760842

Ion	Ratio	Lower	Upper
112	100		
114	33.3	23.6	35.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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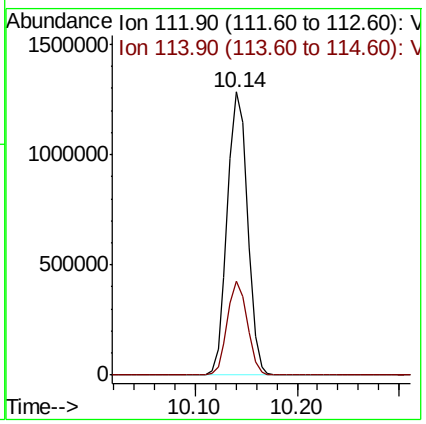
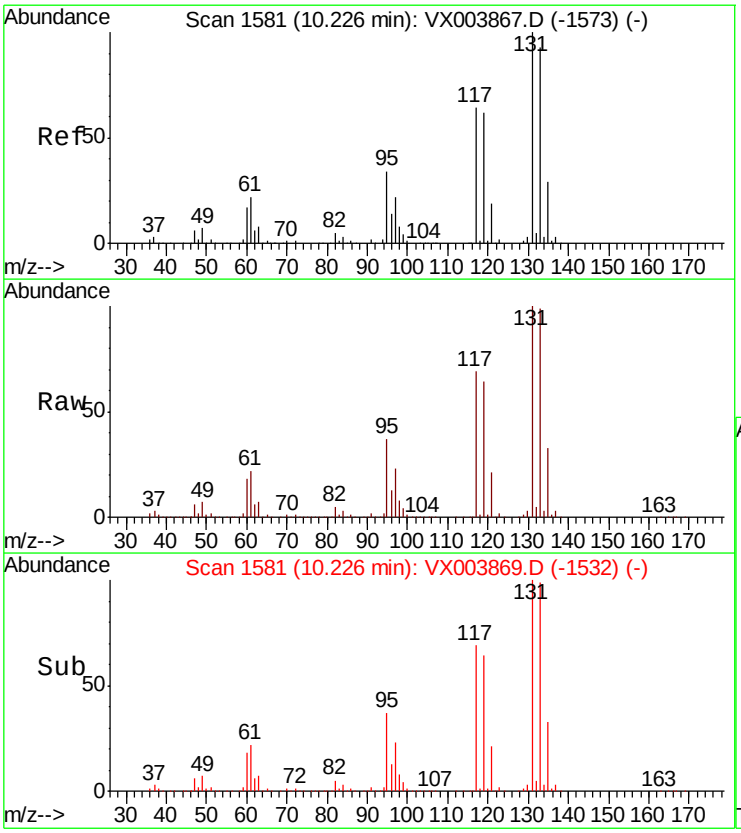
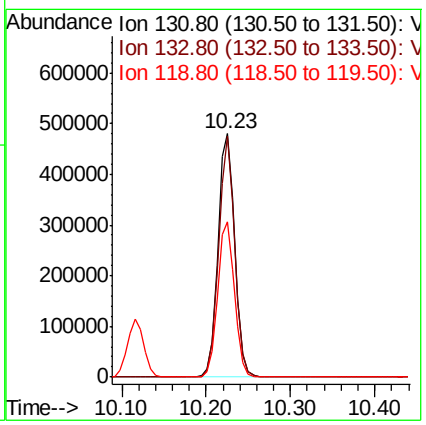


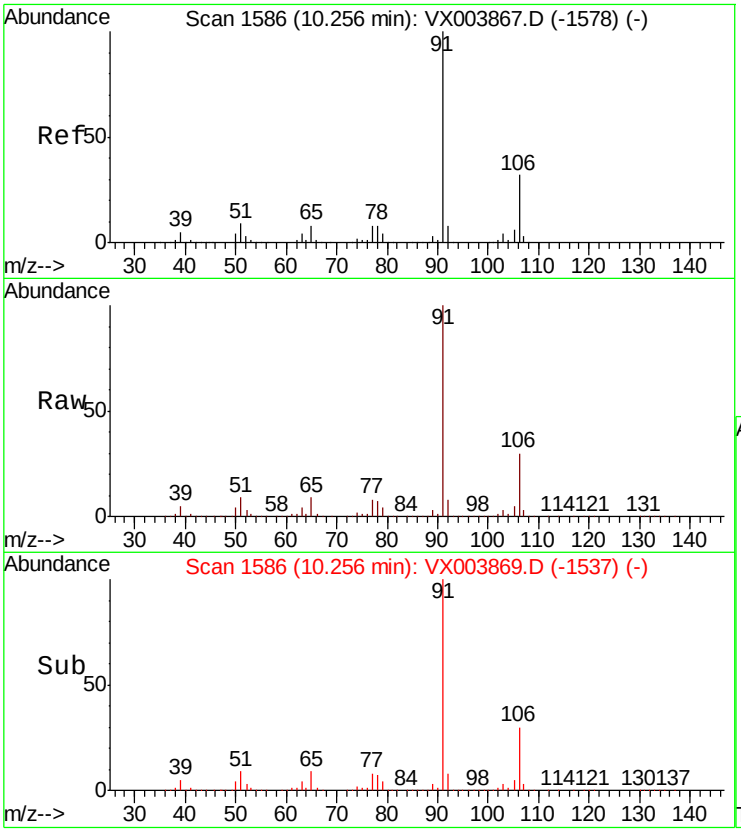


#66
1,1,1,2-Tetrachloroethane
Concen: 156.79 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:131 Resp: 654266

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	141.8
119	64.5	31.6	94.8

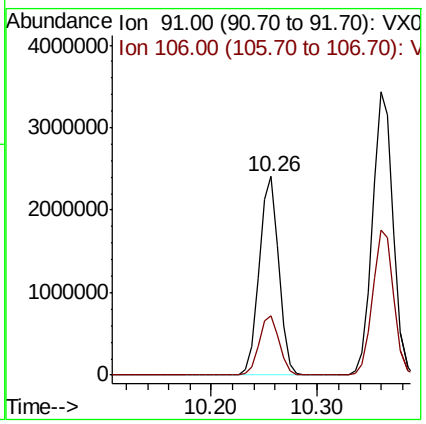




#67
Ethyl Benzene
Concen: 162.10 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 91 Resp: 3100140

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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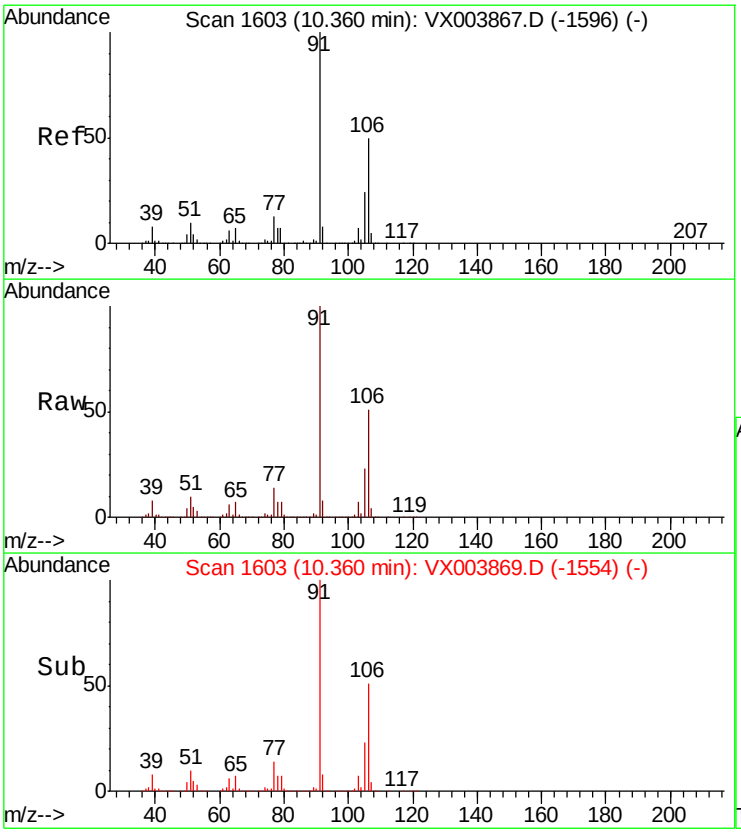
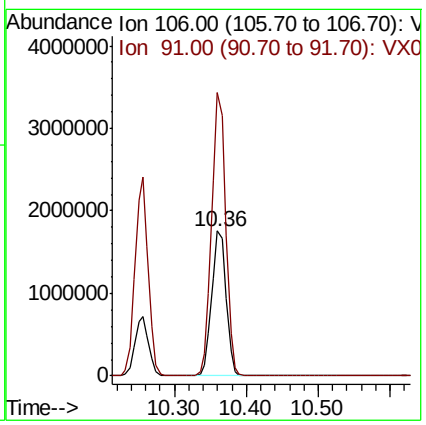
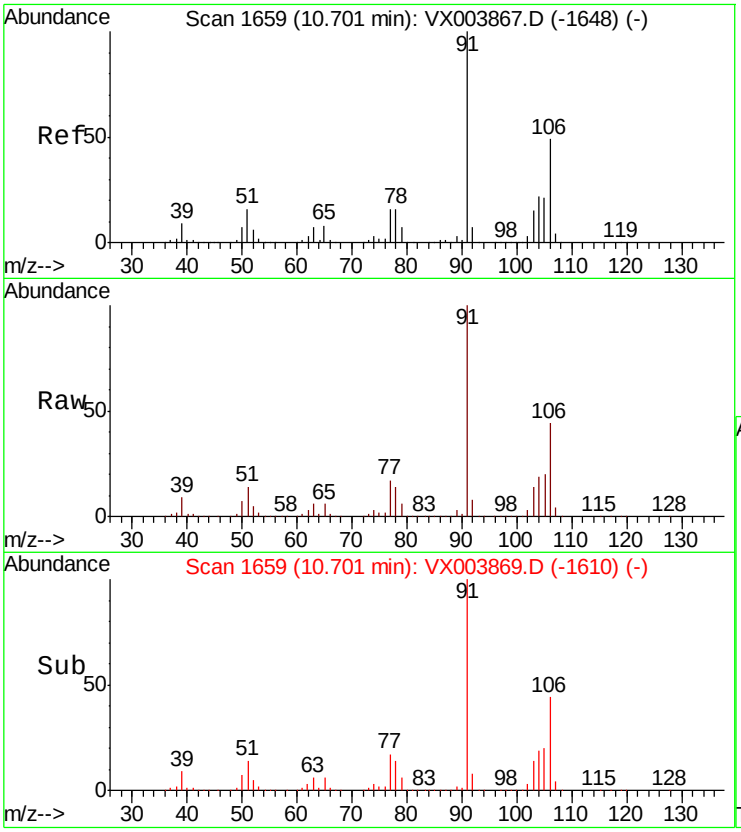


#68
m/p-Xylenes
Concen: 323.15 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:106 Resp: 2410213

Ion	Ratio	Lower	Upper
106	100		
91	191.4	162.3	243.5

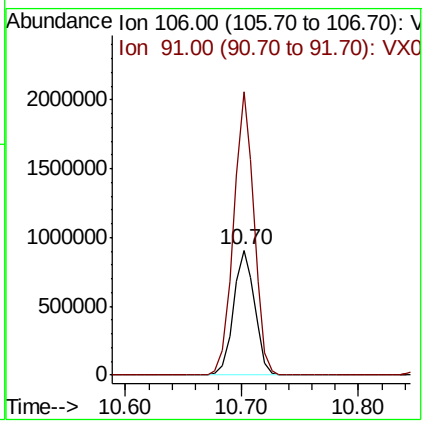




#69
o-Xylene
Concen: 160.55 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:106 Resp: 1150094

Ion	Ratio	Lower	Upper
106	100		
91	218.3	101.9	305.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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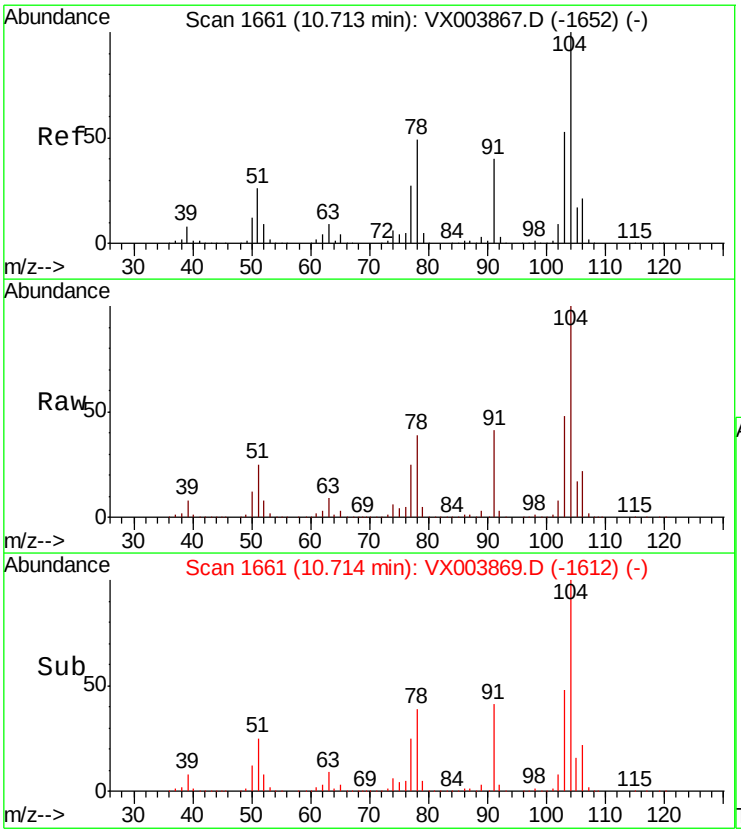
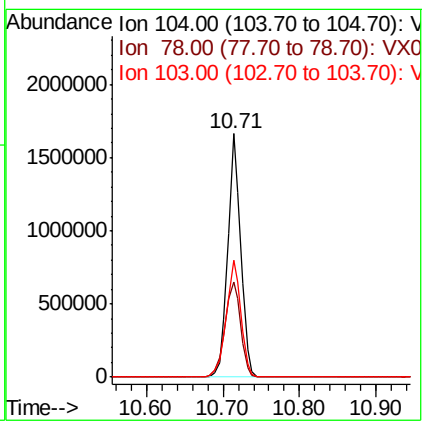
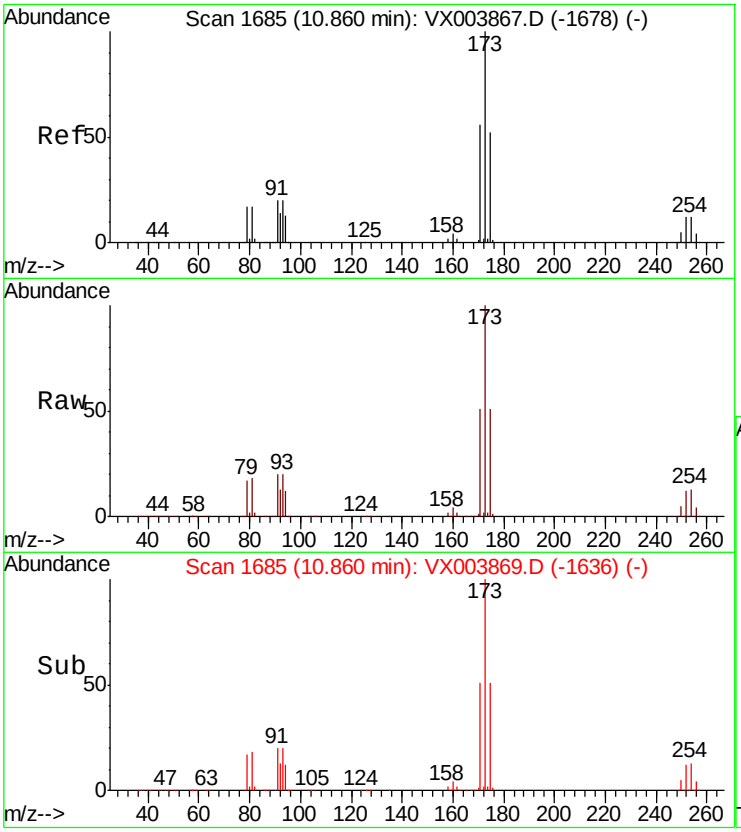


#70
Styrene
Concen: 165.12 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:104 Resp: 1946474

Ion	Ratio	Lower	Upper
104	100		
78	47.2	39.8	59.6
103	54.3	44.3	66.5

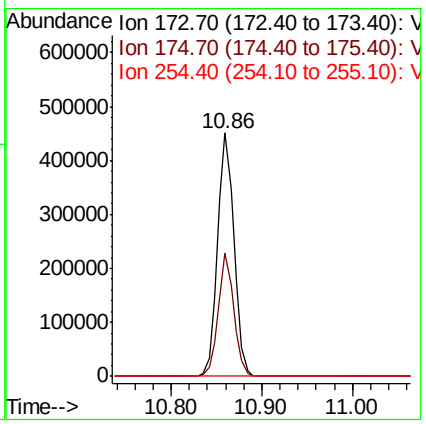




#71
Bromoform
Concen: 168.40 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:173 Resp: 571153

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.7
254	0.2	0.2	0.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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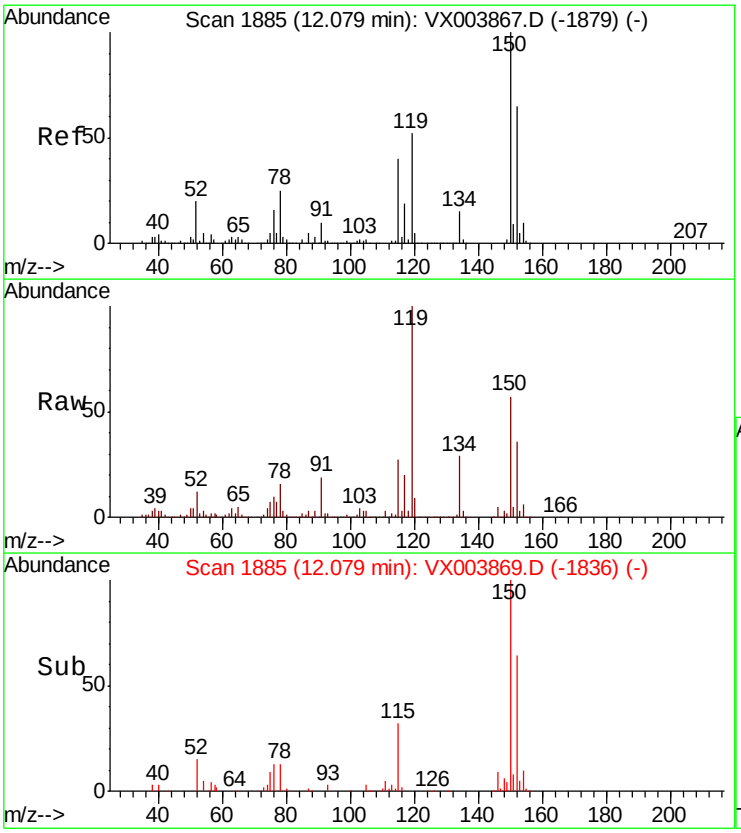
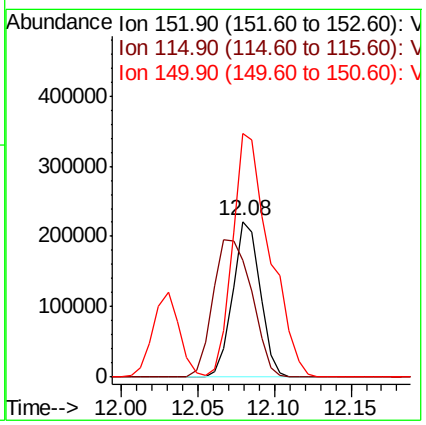
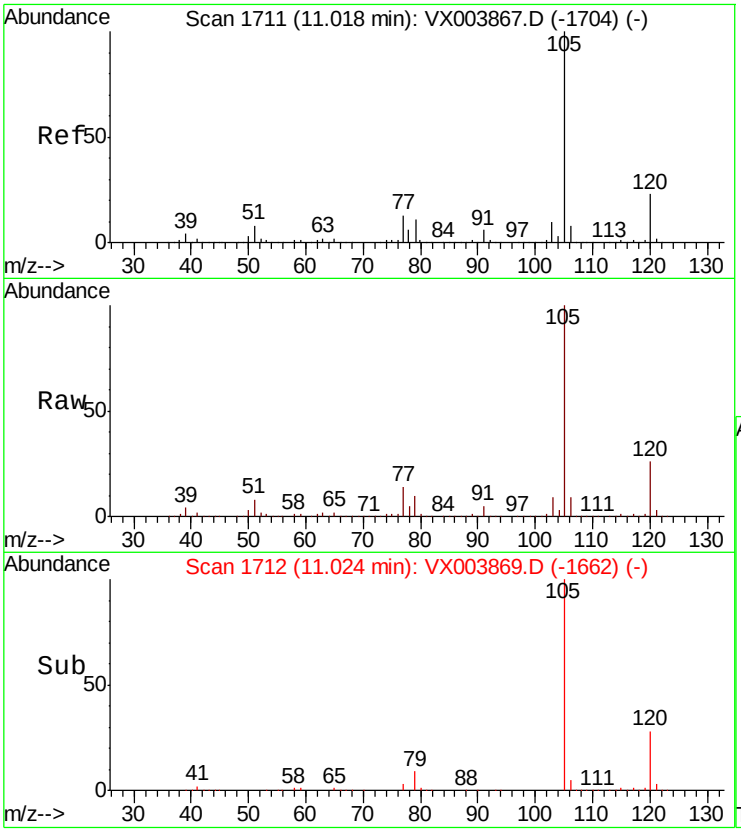


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:152 Resp: 275323

Ion	Ratio	Lower	Upper
152	100		
115	125.5	39.1	117.3#
150	211.6	0.0	349.2





#73
Isopropylbenzene
Concen: 162.91 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:105 Resp: 2996377

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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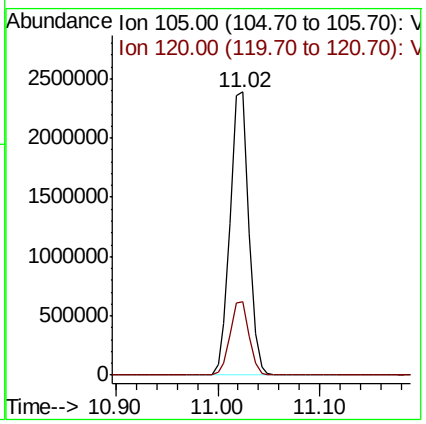
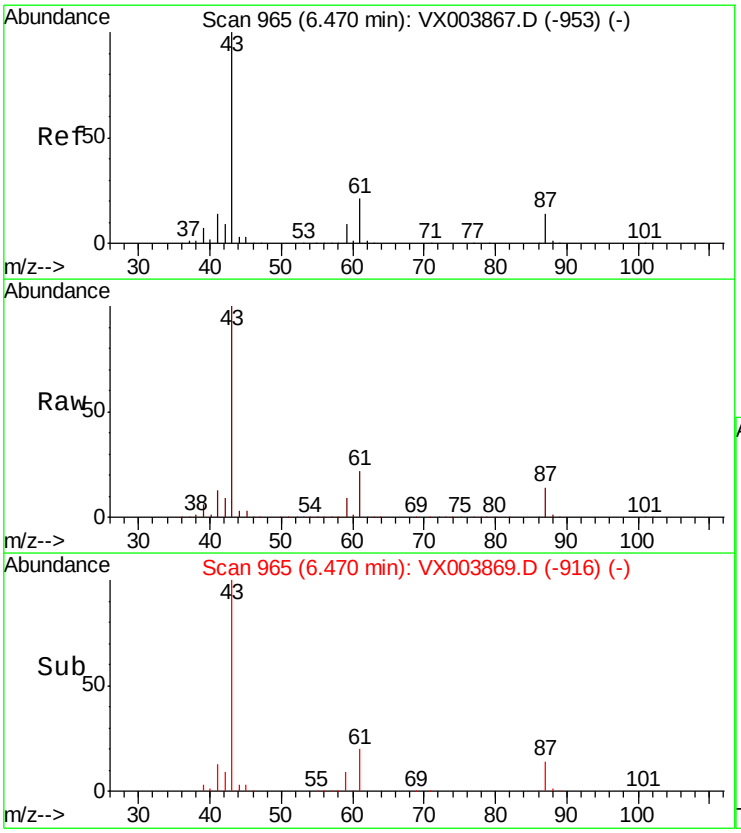
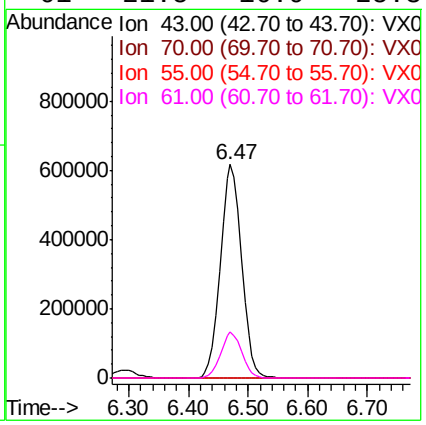


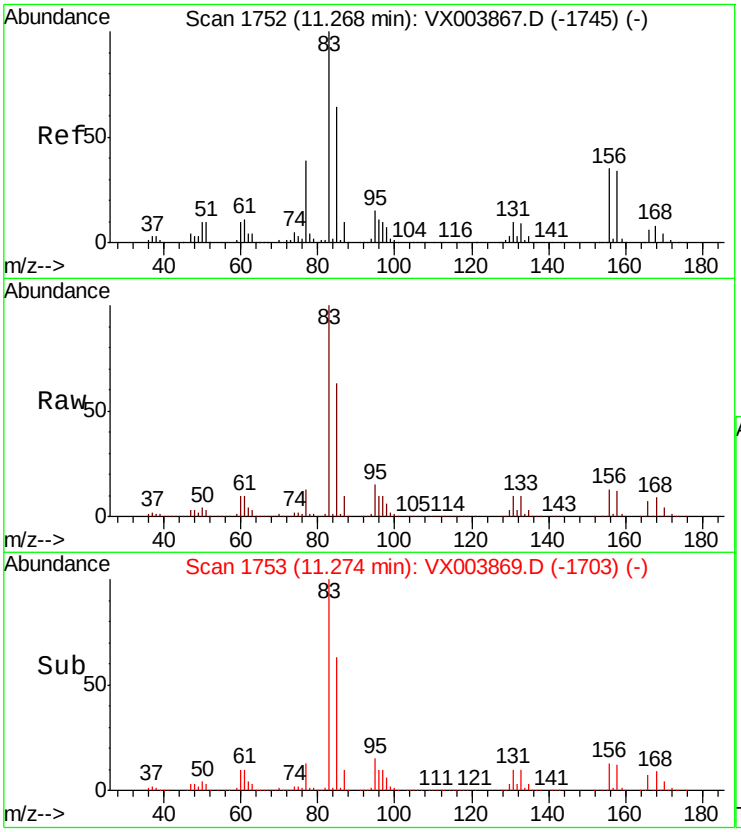


#74
N-amyl acetate
Concen: 169.16 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 43 Resp: 1525436

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0#
55	0.0	0.1	0.1#
61	21.5	16.9	25.3

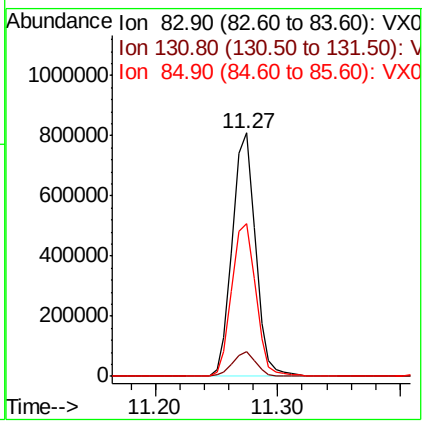




#75
1,1,2,2-Tetrachloroethane
Concen: 164.22 ug/l
RT: 11.27 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 83 Resp: 1057991

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.2	15.6
85	65.6	32.2	96.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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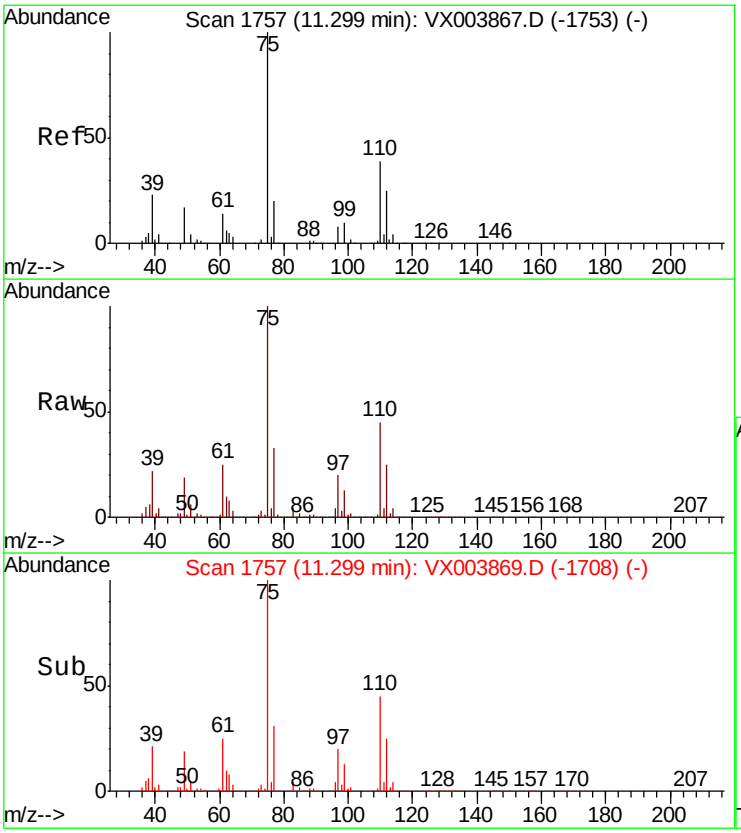
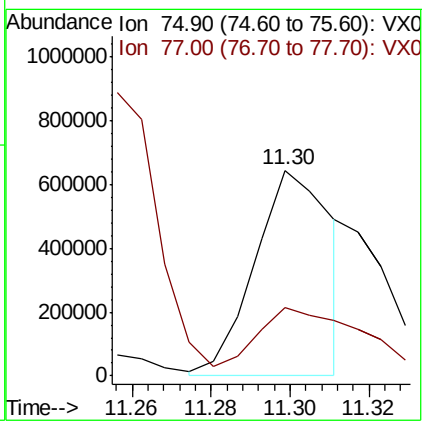
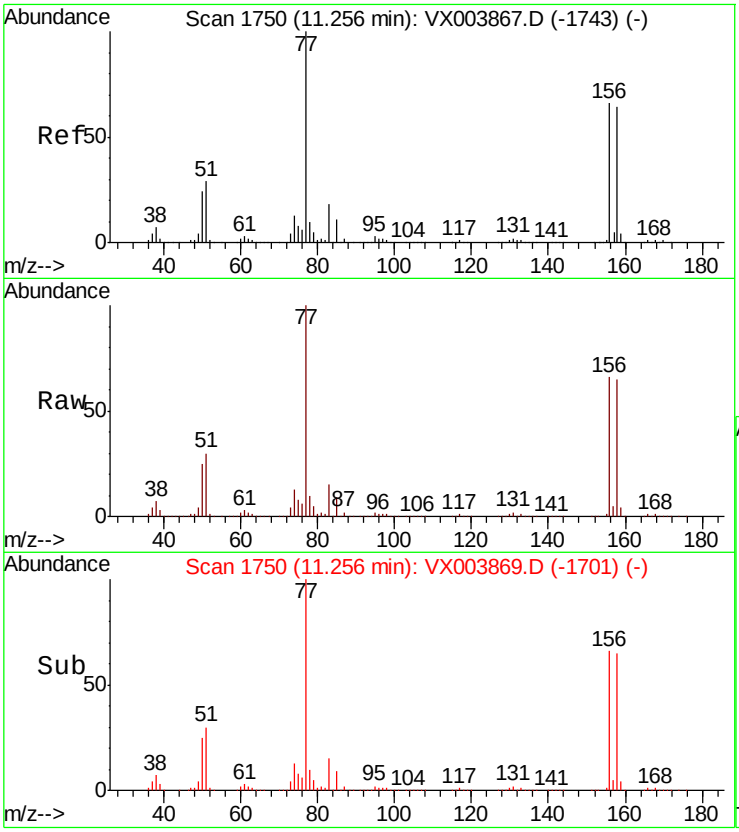


#76
1,2,3-Trichloropropane
Concen: 155.92 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 75 Resp: 870424

Ion	Ratio	Lower	Upper
75	100		
77	46.6	20.8	62.5

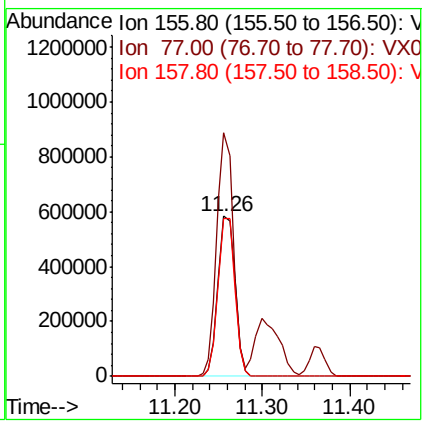




#77
Bromobenzene
Concen: 157.01 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:156 Resp: 788772

Ion	Ratio	Lower	Upper
156	100		
77	146.9	74.1	222.2
158	97.0	48.6	145.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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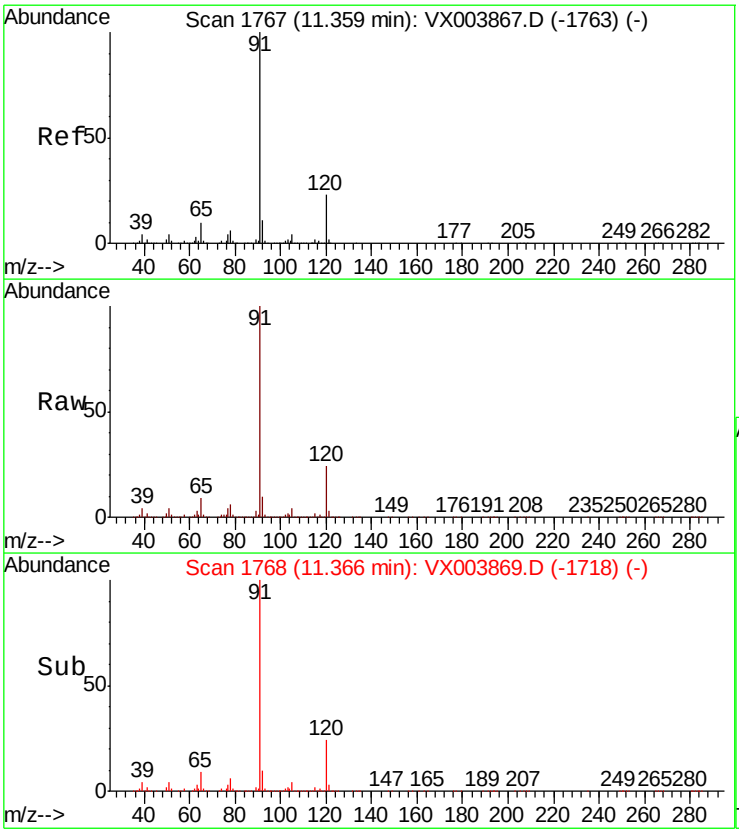
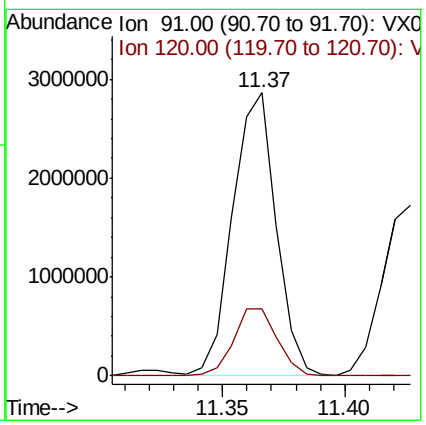
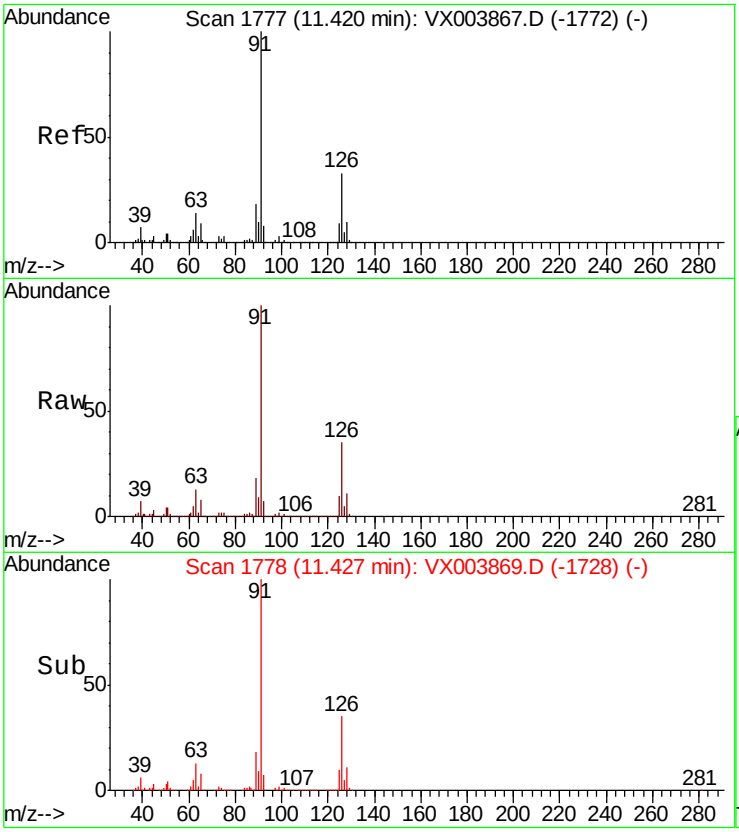


#78
n-propylbenzene
Concen: 170.55 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 91 Resp: 3493078

Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.5





#79
2-Chlorotoluene
Concen: 174.41 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 91 Resp: 2182131

Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.4	52.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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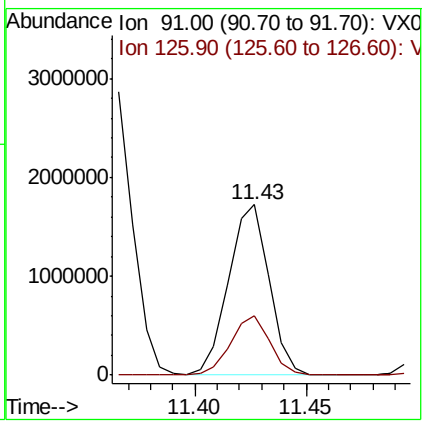
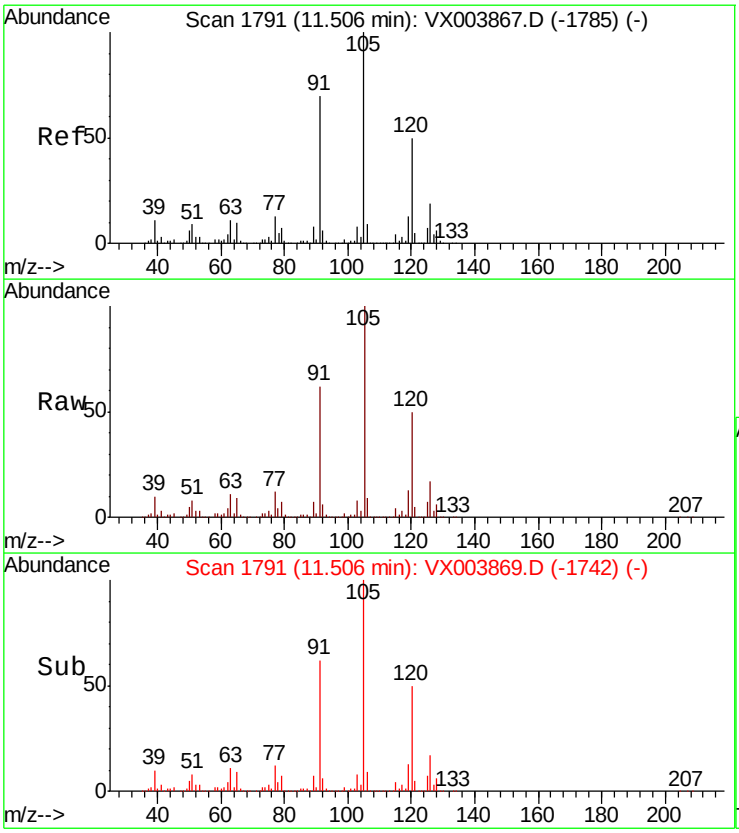
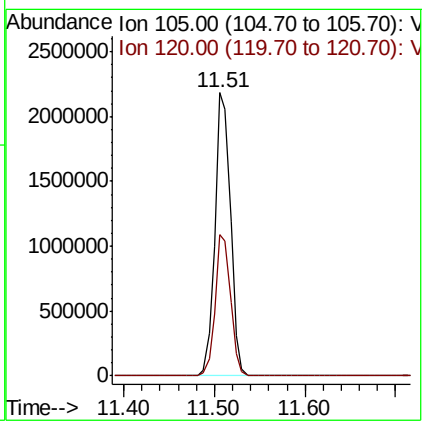


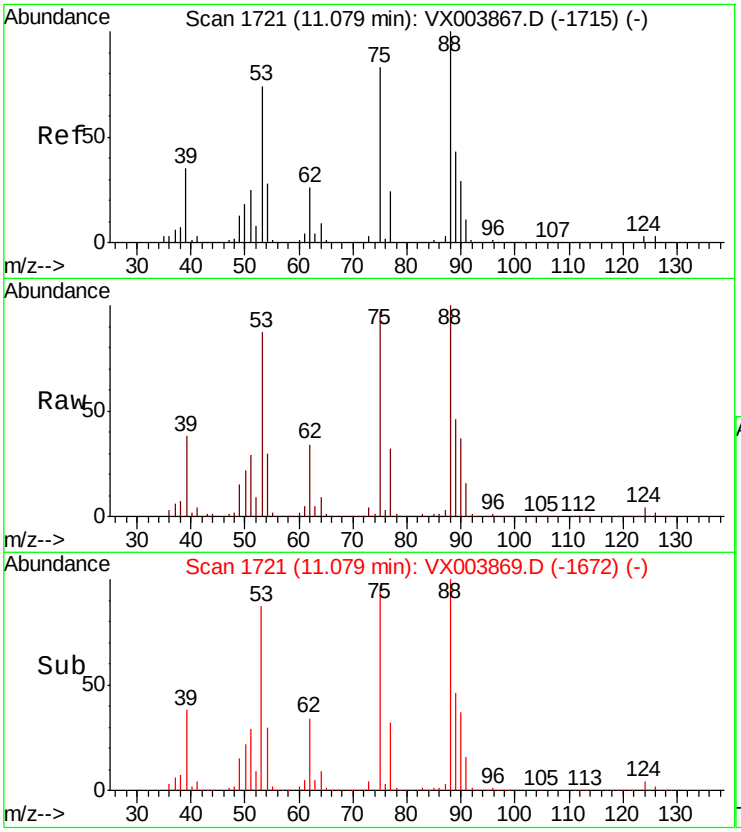


#80
1,3,5-Trimethylbenzene
Concen: 174.86 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:105 Resp: 2626743

Ion	Ratio	Lower	Upper
105	100		
120	49.2	25.4	76.2





#81
trans-1,4-Dichloro-2-butene
Concen: 191.96 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 75 Resp: 343527

Ion	Ratio	Lower	Upper
75	100		
53	90.4	80.3	120.5
89	46.1	37.8	56.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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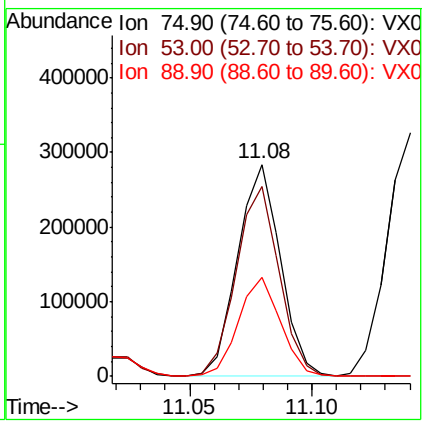
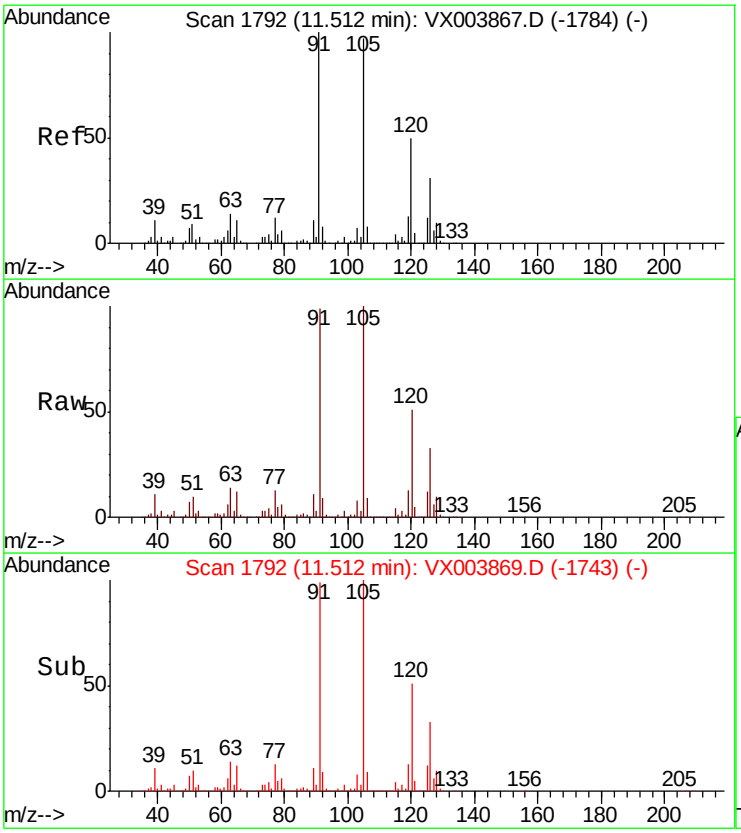
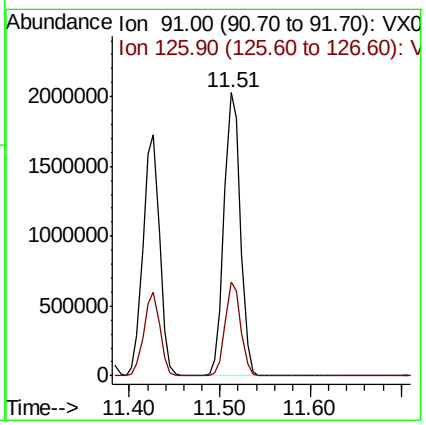


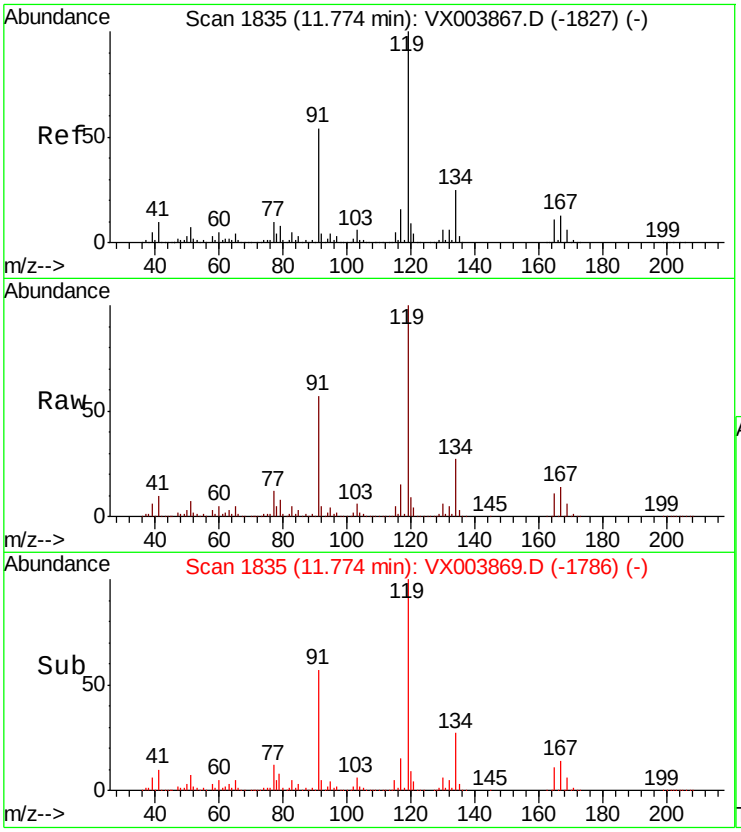


#82
4-Chlorotoluene
Concen: 175.69 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 91 Resp: 2544280

Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.6	46.7

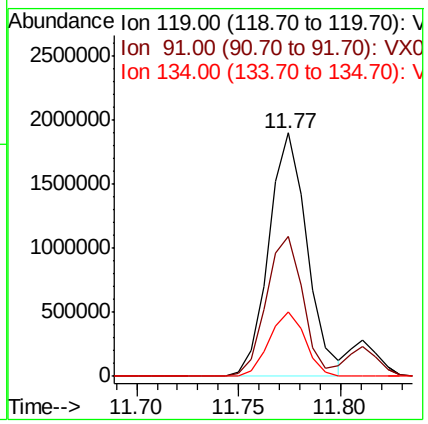




#83
tert-Butylbenzene
Concen: 163.26 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:119 Resp: 2485825

Ion	Ratio	Lower	Upper
119	100		
91	54.9	26.9	80.7
134	25.0	12.0	36.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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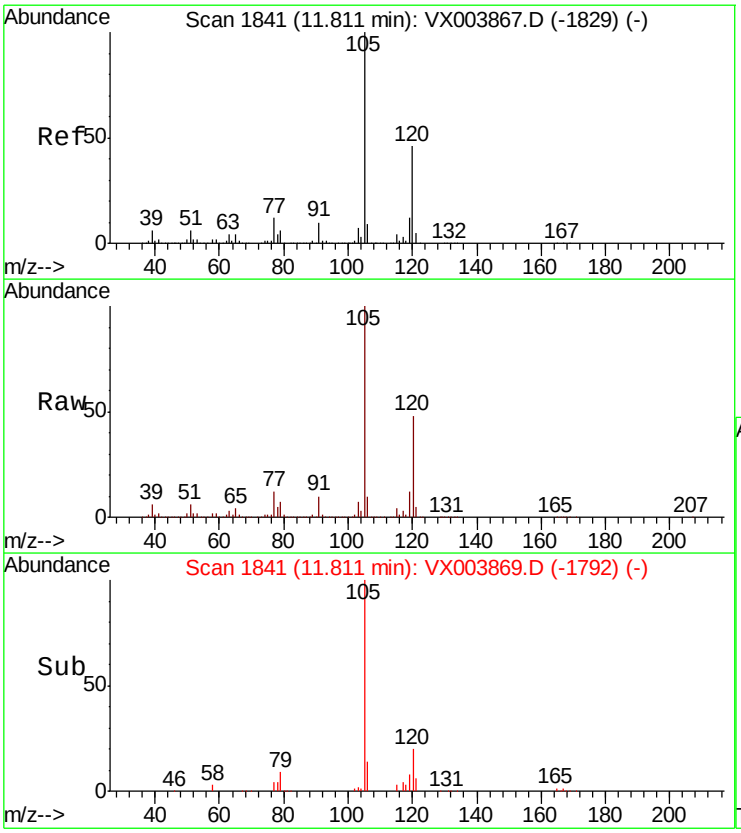
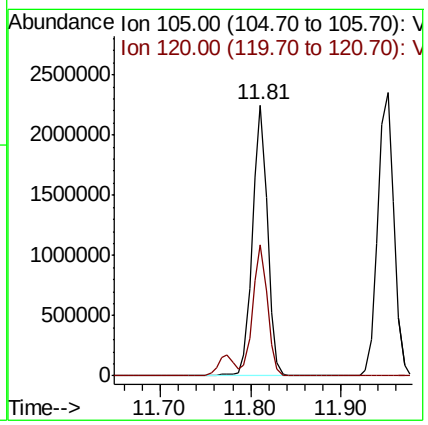
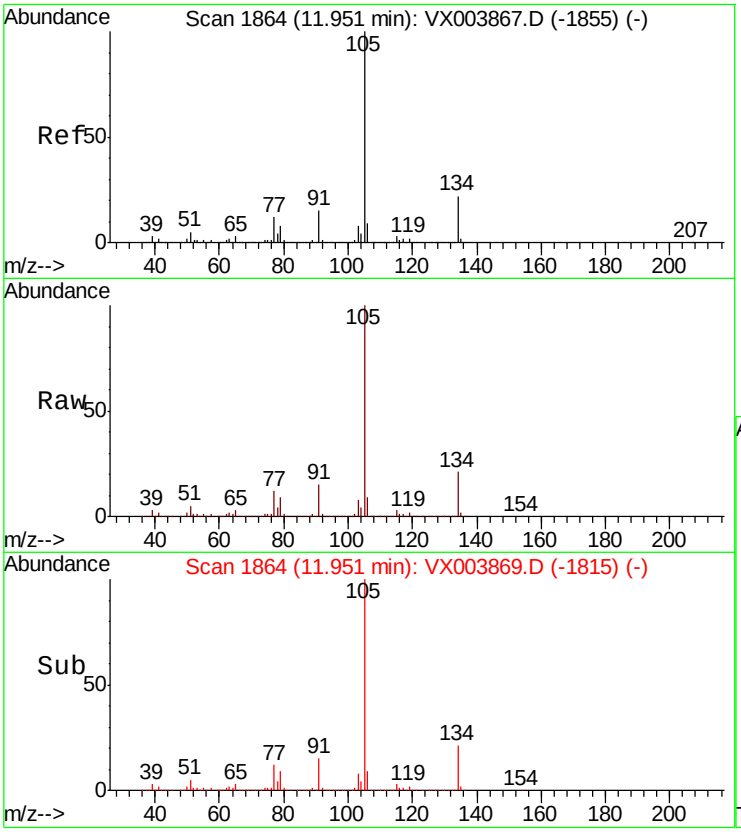


#84
1,2,4-Trimethylbenzene
Concen: 165.76 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:105 Resp: 2567334

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.1	69.2

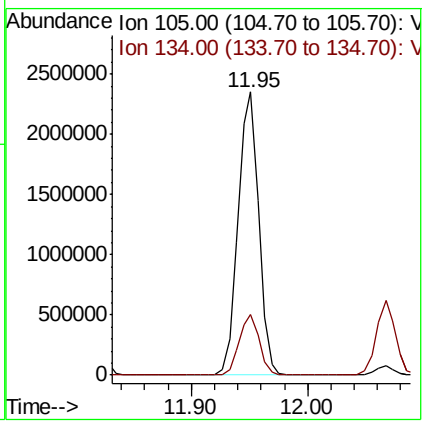




#85
sec-Butylbenzene
Concen: 162.71 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:105 Resp: 2896533

Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.3	30.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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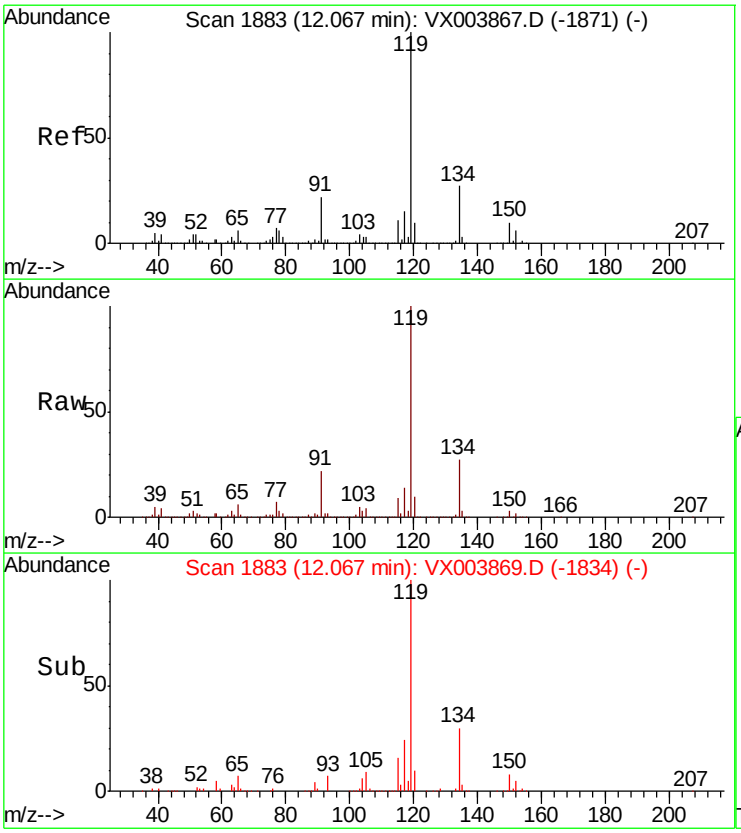
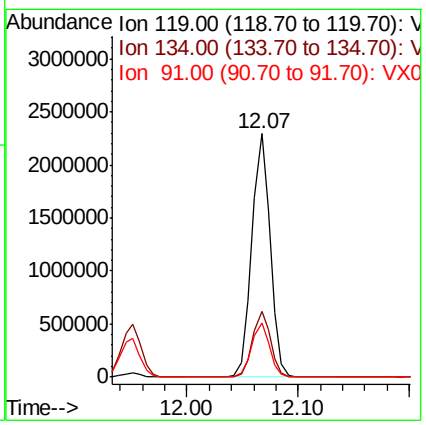
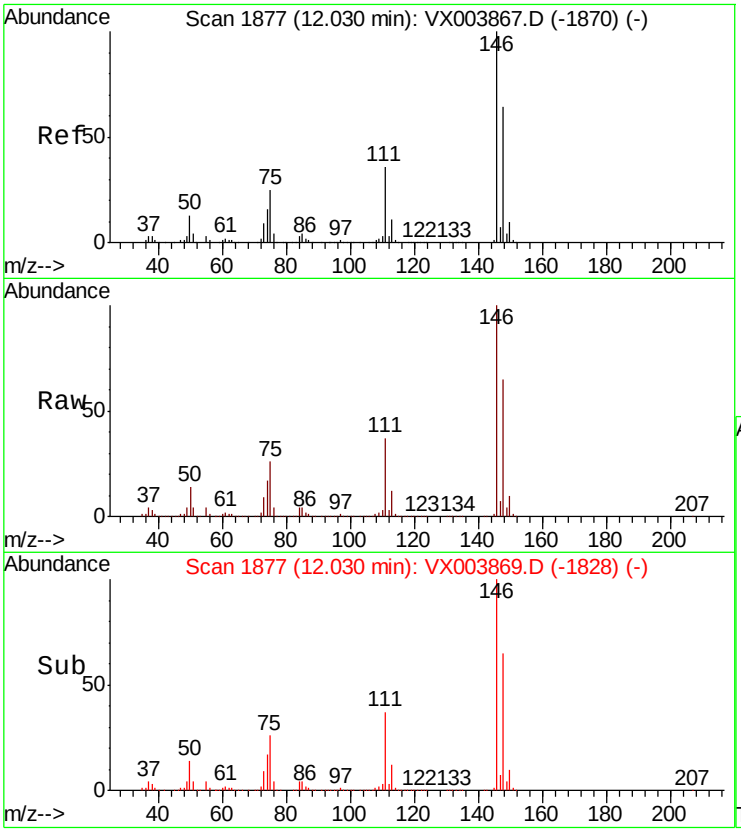


#86
p-Isopropyltoluene
Concen: 164.39 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:119 Resp: 2635620

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.3	39.8
91	22.0	10.9	32.7

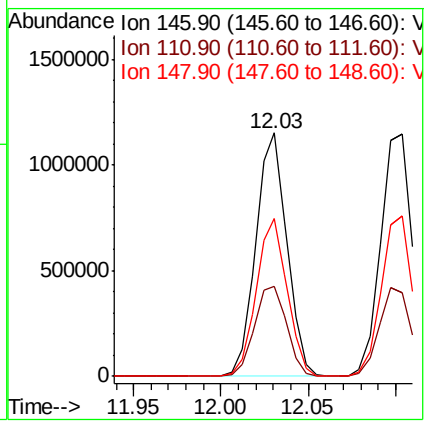




#87
1,3-Dichlorobenzene
Concen: 150.65 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:146 Resp: 1417179

Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.8	56.4
148	64.3	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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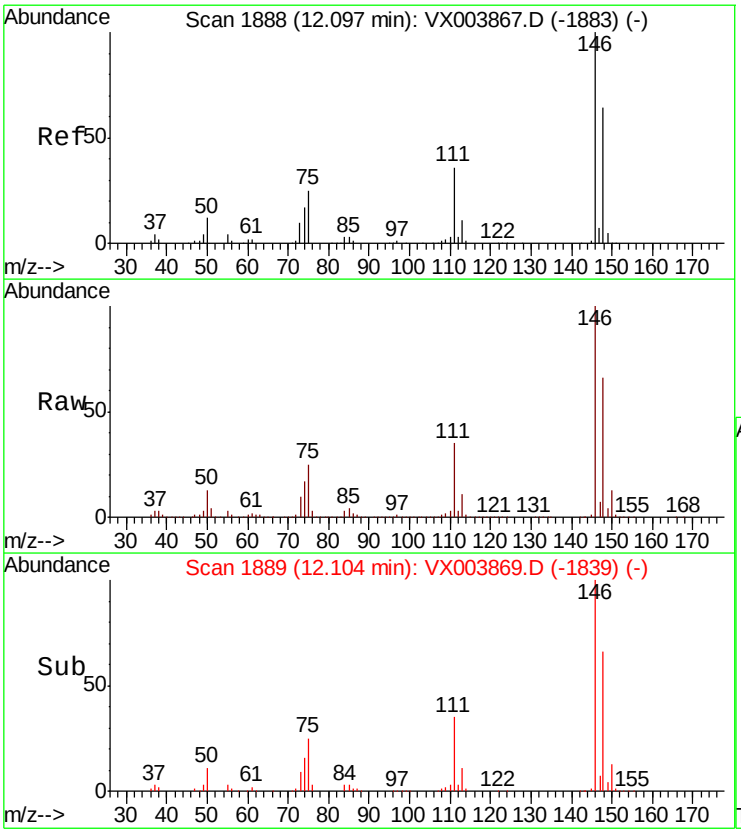
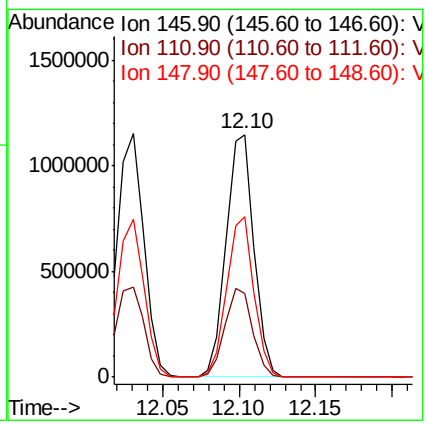
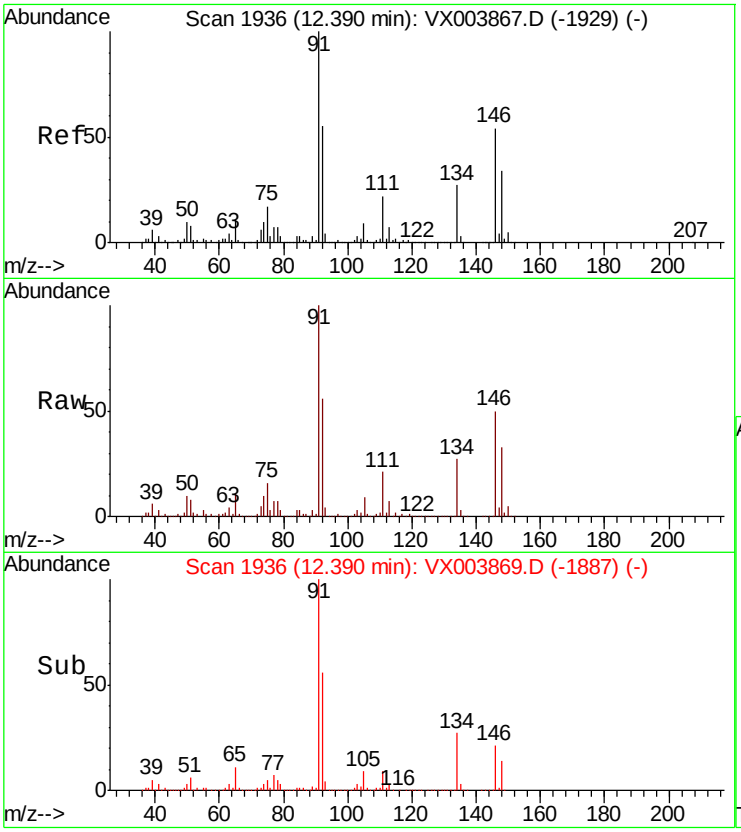


#88
1,4-Dichlorobenzene
Concen: 148.96 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:146 Resp: 1445508

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	64.8	32.3	96.8

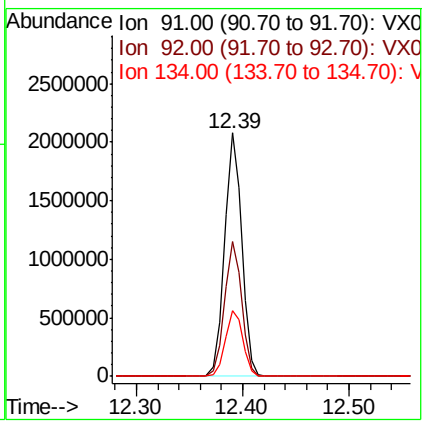




#89
n-Butylbenzene
Concen: 170.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 91 Resp: 2354495

Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.1	81.3
134	27.7	13.6	40.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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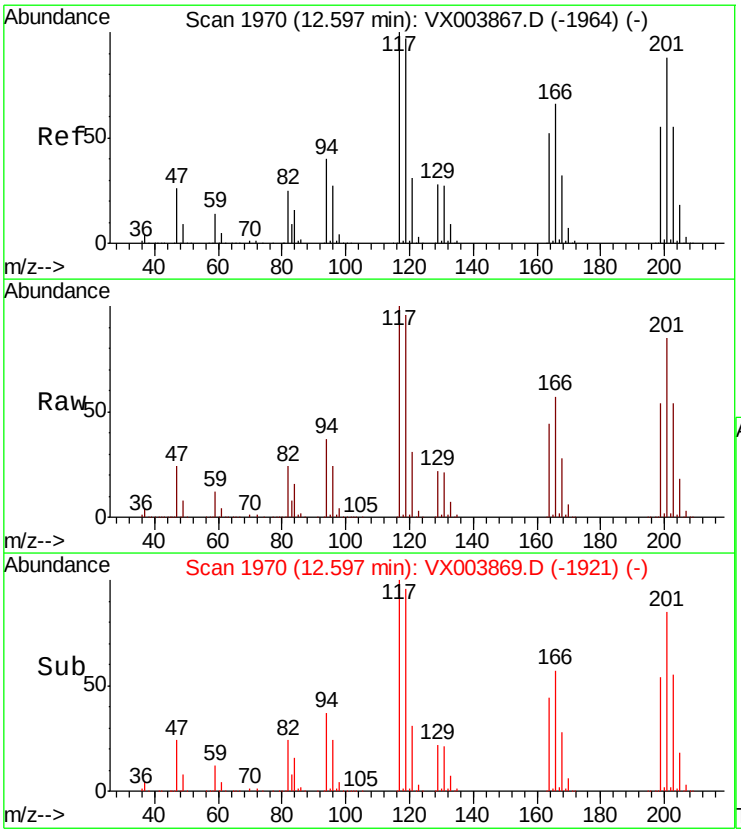
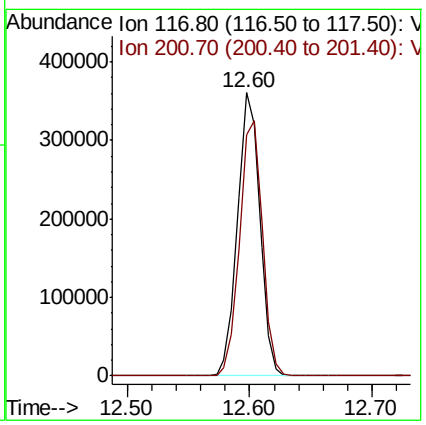
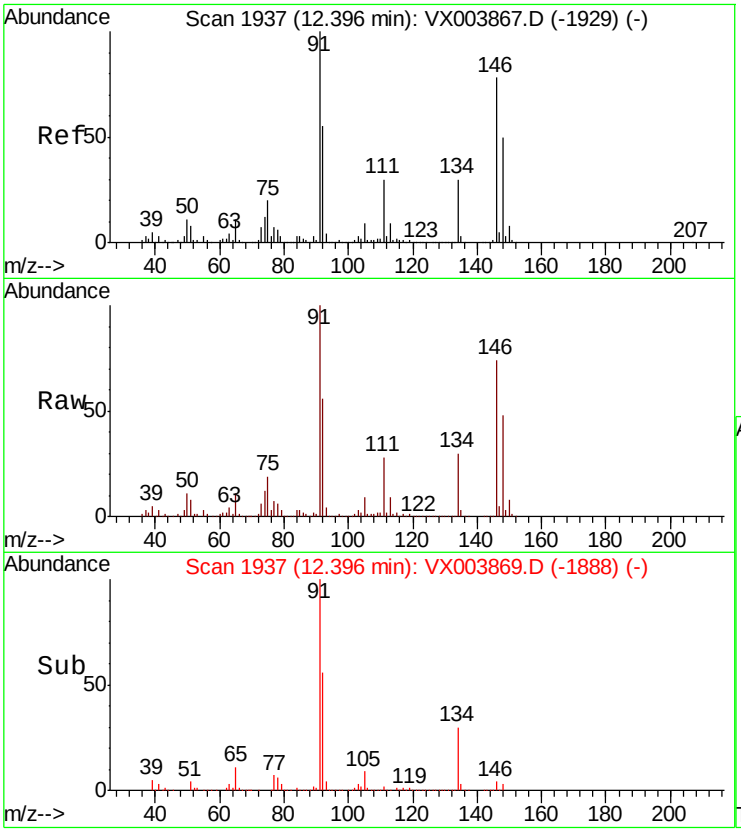


#90
Hexachloroethane
Concen: 174.54 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:117 Resp: 453834

Ion	Ratio	Lower	Upper
117	100		
201	91.9	46.1	138.2





#91
1,2-Dichlorobenzene
Concen: 151.99 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:146 Resp: 1455681

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	64.4	31.9	95.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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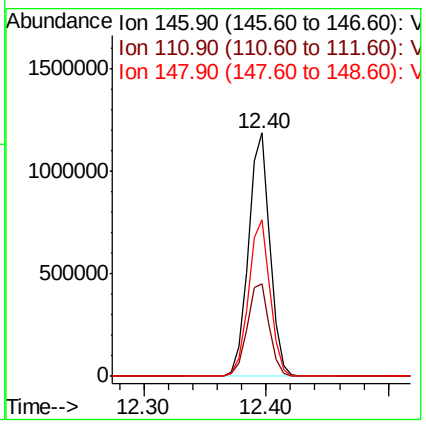
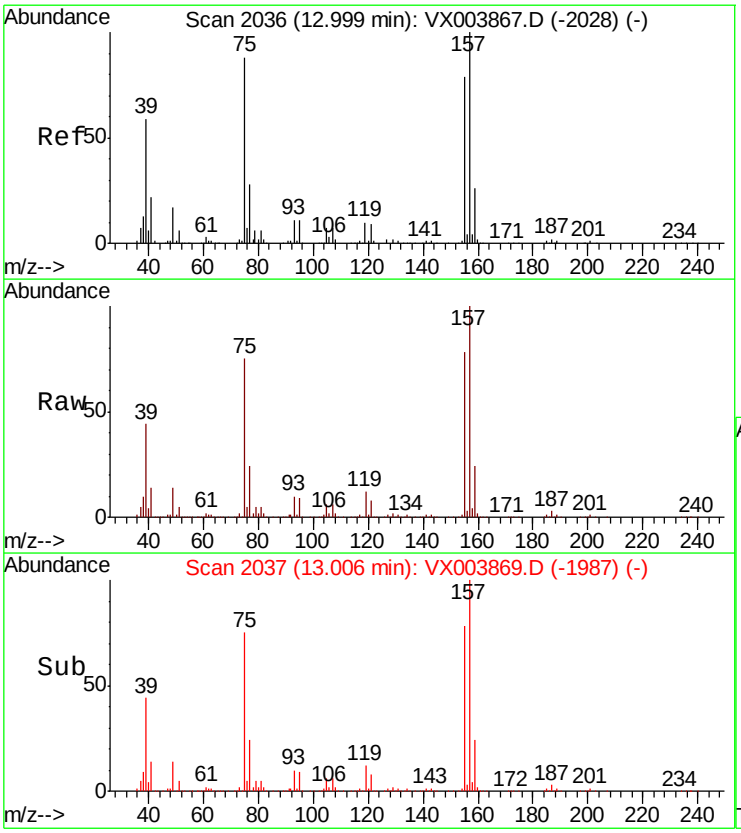
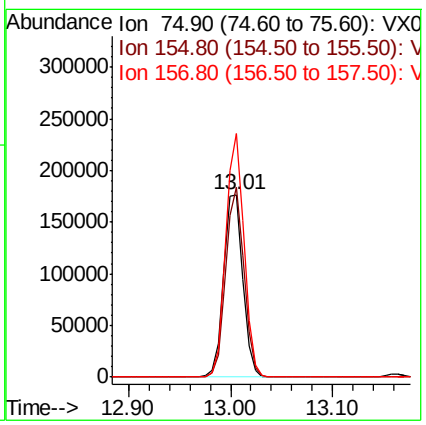


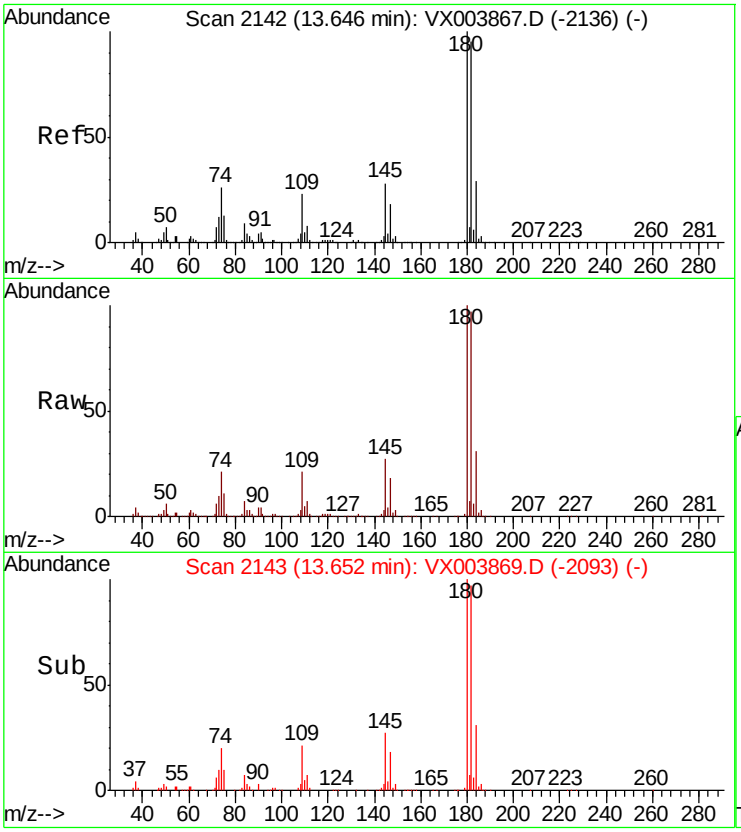


#92
1,2-Dibromo-3-Chloropropane
Concen: 161.01 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion: 75 Resp: 228762

Ion	Ratio	Lower	Upper
75	100		
155	98.7	48.7	146.1
157	126.1	62.6	187.8

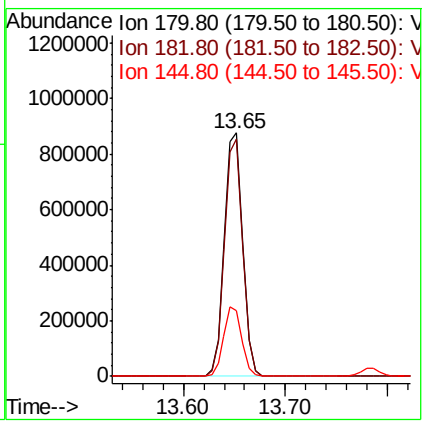




#93
1,2,4-Trichlorobenzene
Concen: 160.08 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.01 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:180 Resp: 1087073

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.7	143.1
145	28.2	13.9	41.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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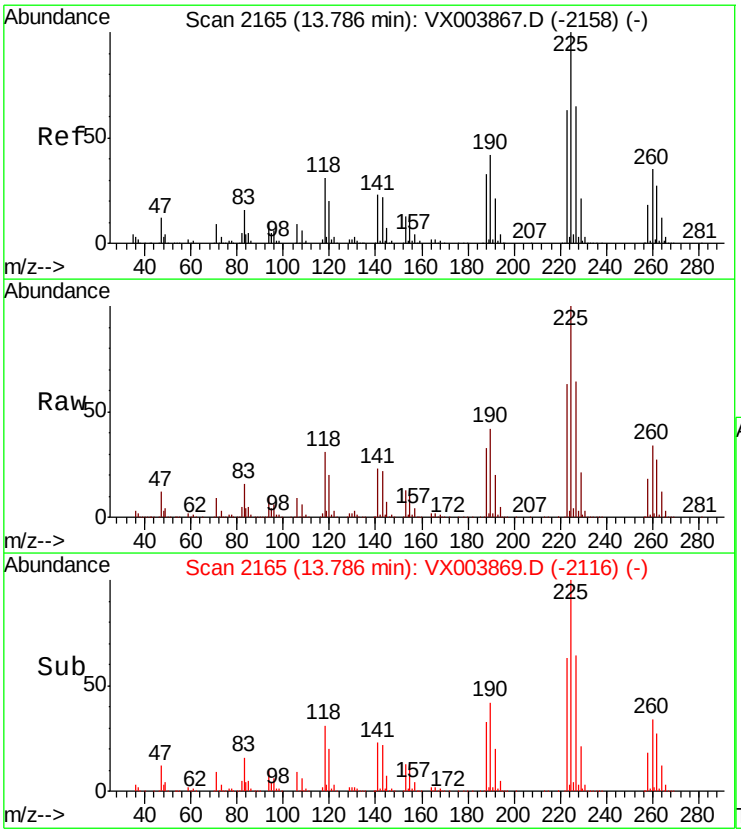
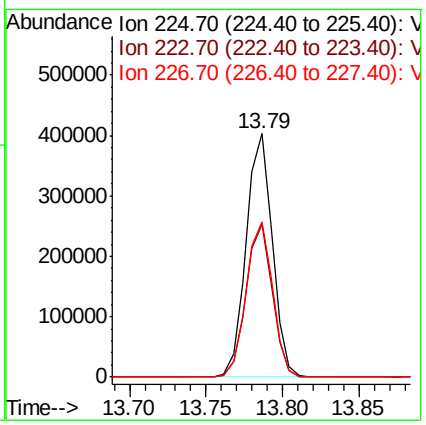
8/7/2018 1:13:05 PM

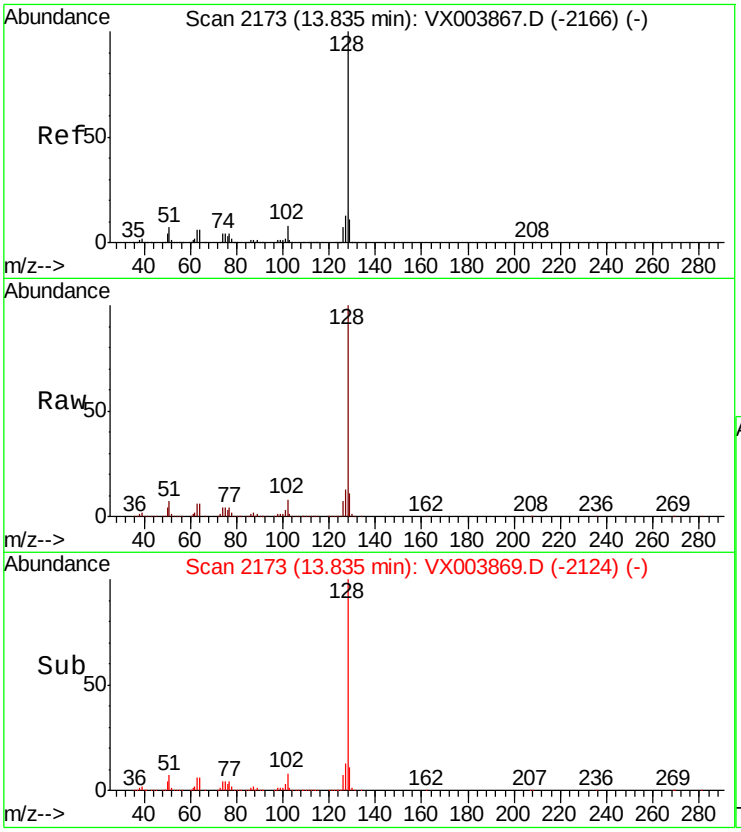


#94
Hexachlorobutadiene
Concen: 145.92 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:225 Resp: 478922

Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.4	94.0
227	64.3	32.1	96.5

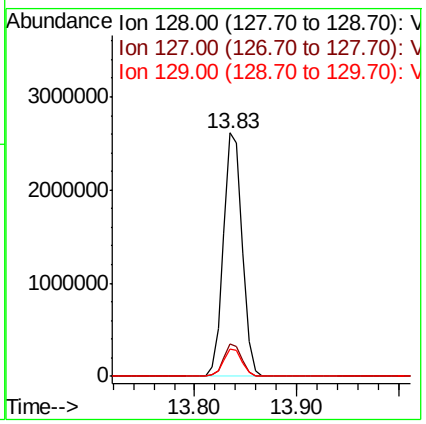




#95
Naphthalene
Concen: 168.22 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:128 Resp: 3313506

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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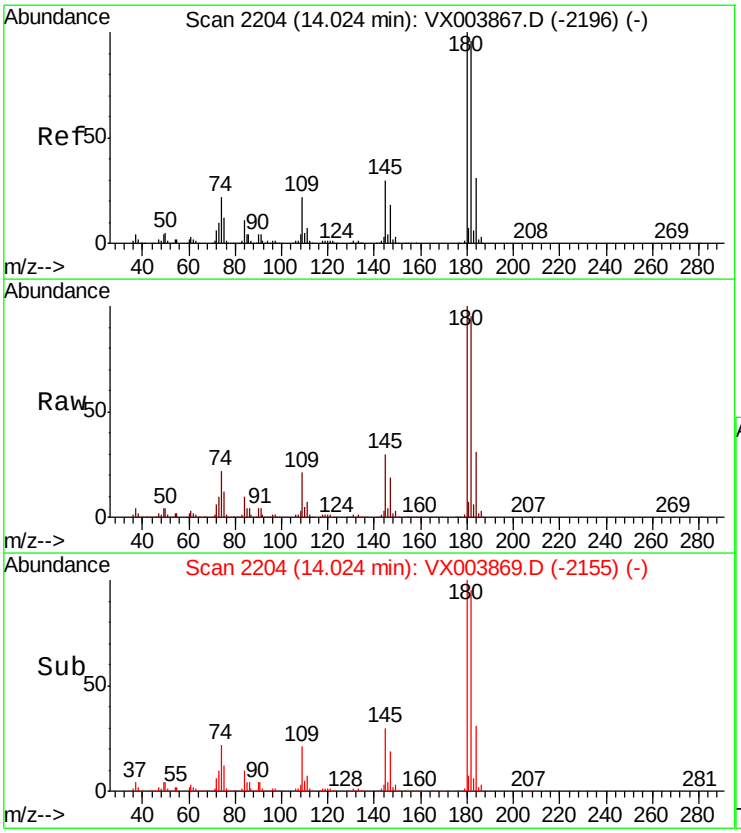
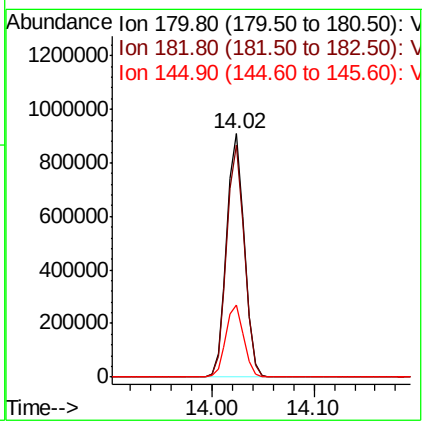
8/7/2018 1:13:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 154.35 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003869.D
Acq: 06 Aug 2018 18:40

Tgt Ion:180 Resp: 1084419

Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.4
145	29.9	14.9	44.7



Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080618\
Data File : VX003870.D
Acq On : 06 Aug 2018 19:07
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC150

Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:05 PM

Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	368698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	535502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	483212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	232832	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.28%			
35) Dibromofluoromethane	5.50	113	199436	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
50) Toluene-d8	8.72	98	781933	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
62) 4-Bromofluorobenzene	11.14	95	269127	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	188441	50.43	ug/l	99
3) Chloromethane	1.32	50	242582	47.72	ug/l	99
4) Vinyl Chloride	1.40	62	244028	48.14	ug/l	98
5) Bromomethane	1.64	94	145674	55.42	ug/l	100
6) Chloroethane	1.71	64	170528	52.58	ug/l	98
7) Trichlorofluoromethane	1.92	101	323688	48.36	ug/l	98
8) Diethyl Ether	2.19	74	145702	48.43	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	198814	47.52	ug/l	100
10) Methyl Iodide	2.51	142	258844	49.73	ug/l	100
11) Tert butyl alcohol	3.08	59	296217	252.22	ug/l	100
12) 1,1-Dichloroethene	2.37	96	192423	48.62	ug/l	99
13) Acrolein	2.29	56	146077	241.76	ug/l	100
14) Allyl chloride	2.73	41	372864	48.88	ug/l	100
15) Acrylonitrile	3.15	53	677571	241.78	ug/l	100
16) Acetone	2.45	43	674027	231.81	ug/l	99
17) Carbon Disulfide	2.56	76	556852	49.65	ug/l	99
18) Methyl Acetate	2.78	43	305432	48.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	695993	49.63	ug/l	99
20) Methylene Chloride	2.86	84	225496	49.18	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	212429	47.28	ug/l	100
22) Diisopropyl ether	3.87	45	677366	48.31	ug/l	100
23) Vinyl Acetate	3.82	43	2901921	248.72	ug/l	99
24) 1,1-Dichloroethane	3.70	63	398857	47.88	ug/l	100
25) 2-Butanone	4.71	43	1080115	247.07	ug/l	100
26) 2,2-Dichloropropane	4.58	77	273795	45.58	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	237108	48.64	ug/l	98
28) Bromochloromethane	5.02	49	173607	48.70	ug/l	99
29) Tetrahydrofuran	5.17	42	558408	248.52	ug/l	100
30) Chloroform	5.21	83	379162	48.35	ug/l	100
31) Cyclohexane	5.57	56	349177	49.57	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	326403	49.64	ug/l	100
36) 1,1-Dichloropropene	5.80	75	289216	48.22	ug/l	99
37) Ethyl Acetate	4.87	43	328408	49.78	ug/l	99
38) Carbon Tetrachloride	5.78	117	283340	49.64	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080618\
Data File : VX003870.D
Acq On : 06 Aug 2018 19:07
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC150

Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:05 PM

Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	355842	50.32	ug/l		98
40) Benzene	6.15	78	880111	48.87	ug/l		99
41) Methacrylonitrile	5.06	41	182674	50.27	ug/l		99
42) 1,2-Dichloroethane	6.20	62	296120	48.63	ug/l		99
43) Isopropyl Acetate	6.47	43	503238	50.69	ug/l		100
44) Trichloroethene	7.21	130	240736	48.88	ug/l		93
45) 1,2-Dichloropropane	7.52	63	225144	48.41	ug/l		97
46) Dibromomethane	7.67	93	146392	48.48	ug/l		99
47) Bromodichloromethane	7.90	83	284228	49.97	ug/l		100
48) Methyl methacrylate	7.78	41	262787	52.07	ug/l		99
49) 1,4-Dioxane	7.76	88	123729	1040.71	ug/l		100
51) 4-Methyl-2-Pentanone	8.65	43	2131985	259.07	ug/l		100
52) Toluene	8.79	92	569981	50.09	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	331649	51.58	ug/l		100
54) cis-1,3-Dichloropropene	8.44	75	357480	51.57	ug/l		98
55) 1,1,2-Trichloroethane	9.22	97	229209	49.29	ug/l		99
56) Ethyl methacrylate	9.18	69	355389	52.68	ug/l		100
57) 1,3-Dichloropropane	9.37	76	389479	50.05	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.32	63	887787	267.60	ug/l		100
59) 2-Hexanone	9.50	43	1599305	259.99	ug/l		100
60) Dibromochloromethane	9.59	129	220206	50.79	ug/l		98
61) 1,2-Dibromoethane	9.68	107	237055	50.92	ug/l		96
64) Tetrachloroethene	9.34	164	225916	47.53	ug/l		96
65) Chlorobenzene	10.14	112	605280	48.14	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.23	131	210571	48.72	ug/l		96
67) Ethyl Benzene	10.26	91	1029668	50.03	ug/l		99
68) m/p-Xylenes	10.36	106	826024	102.71	ug/l		96
69) o-Xylene	10.70	106	402018	52.95	ug/l		97
70) Styrene	10.71	104	659519	53.06	ug/l		99
71) Bromoform	10.86	173	171146	46.89	ug/l		98
73) Isopropylbenzene	11.02	105	1048707	51.14	ug/l		99
74) N-amyl acetate	6.47	43	503238	47.19	ug/l	#	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	339920	48.36	ug/l		98
76) 1,2,3-Trichloropropane	11.30	75	298684m	48.78	ug/l		
77) Bromobenzene	11.26	156	274689	50.21	ug/l		97
78) n-propylbenzene	11.36	91	1202993	52.24	ug/l		98
79) 2-Chlorotoluene	11.42	91	714924	50.92	ug/l		100
80) 1,3,5-Trimethylbenzene	11.51	105	867915	51.90	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.08	75	105693	47.09	ug/l		93
82) 4-Chlorotoluene	11.51	91	859713	52.26	ug/l		99
83) tert-Butylbenzene	11.77	119	849380	51.63	ug/l		99
84) 1,2,4-Trimethylbenzene	11.81	105	894804	53.22	ug/l		98
85) sec-Butylbenzene	11.95	105	983618	50.66	ug/l		100
86) p-Isopropyltoluene	12.07	119	899550	51.63	ug/l		99
87) 1,3-Dichlorobenzene	12.03	146	474464	46.92	ug/l		100
88) 1,4-Dichlorobenzene	12.10	146	483424	49.85	ug/l		99
89) n-Butylbenzene	12.39	91	759541	50.03	ug/l		98
90) Hexachloroethane	12.60	117	136098	48.11	ug/l		99
91) 1,2-Dichlorobenzene	12.40	146	484576	48.34	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	70766	49.15	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080618\
Data File : VX003870.D
Acq On : 06 Aug 2018 19:07
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:05 PM

Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	334650	46.42	ug/l	100
94) Hexachlorobutadiene	13.79	225	150538	47.35	ug/l	99
95) Naphthalene	13.83	128	1053375	51.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	343921	47.80	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080618\
Data File : VX003870.D
Acq On : 06 Aug 2018 19:07
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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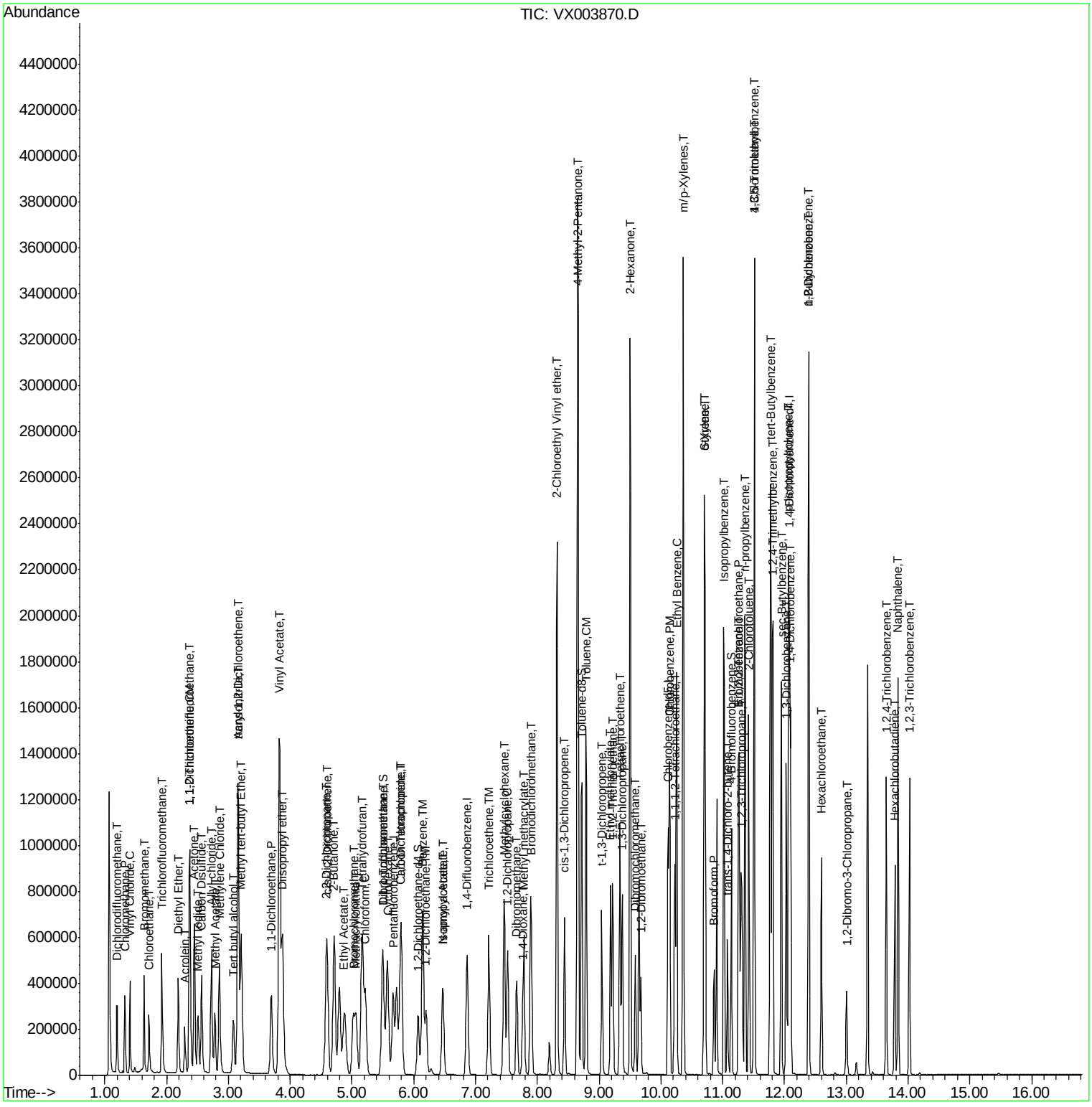
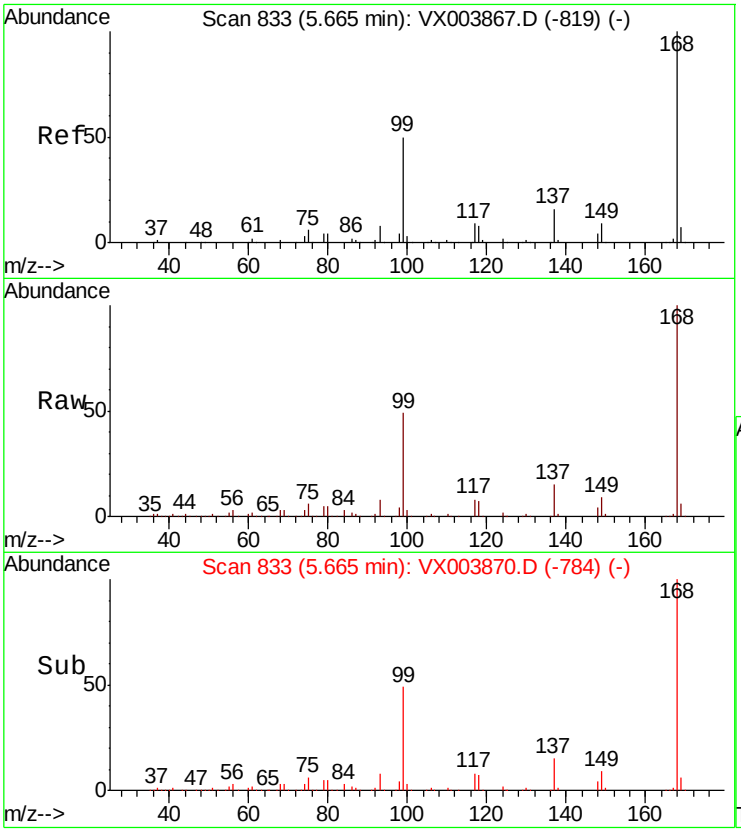
8/7/2018 1:13:05 PM

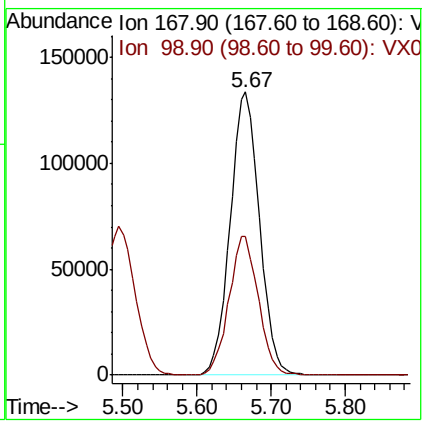




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

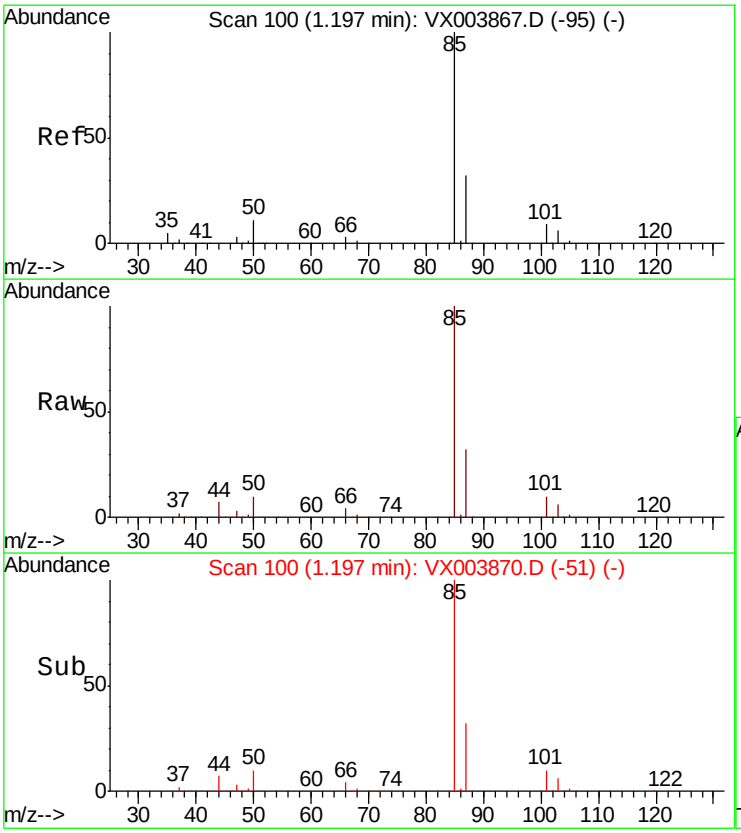
Tgt Ion:168 Resp: 368698

Ion	Ratio	Lower	Upper
168	100		
99	49.1	40.1	60.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

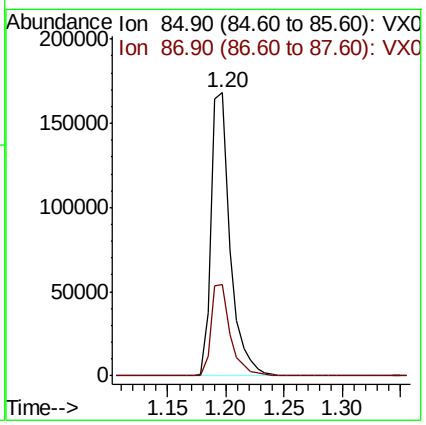
Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:05 PM

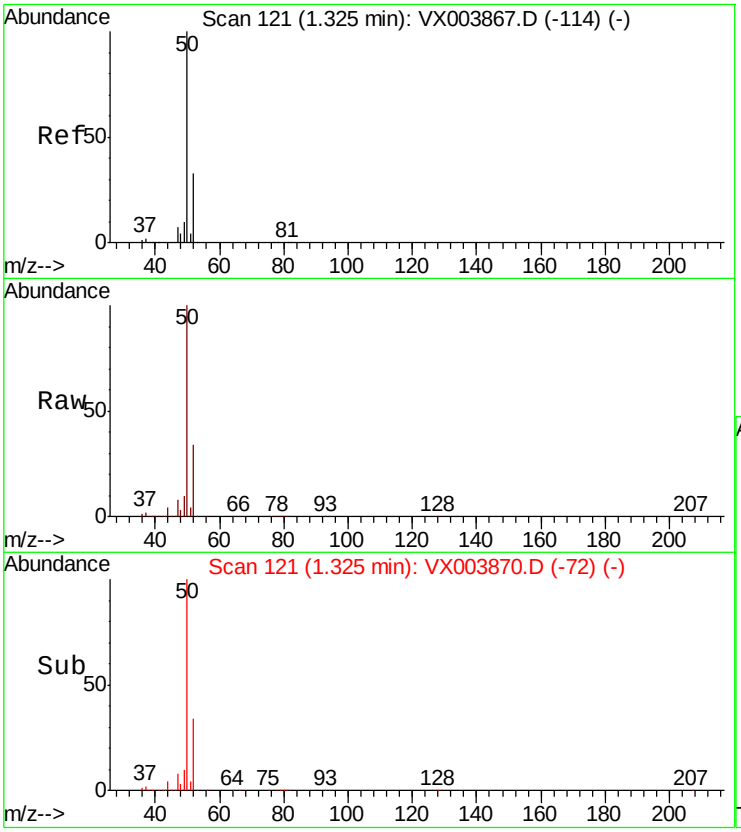


#2
Dichlorodifluoromethane
Concen: 50.43 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 85 Resp: 188441

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.0	48.0

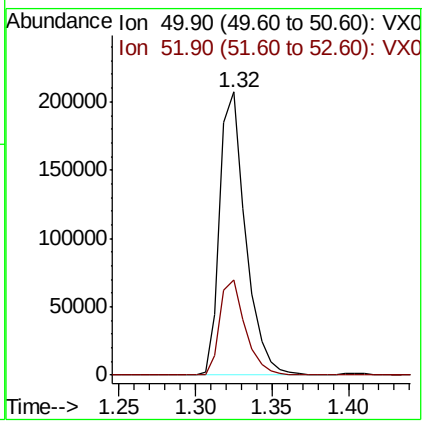




#3
Chloromethane
Concen: 47.72 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 50 Resp: 242582

Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.6	39.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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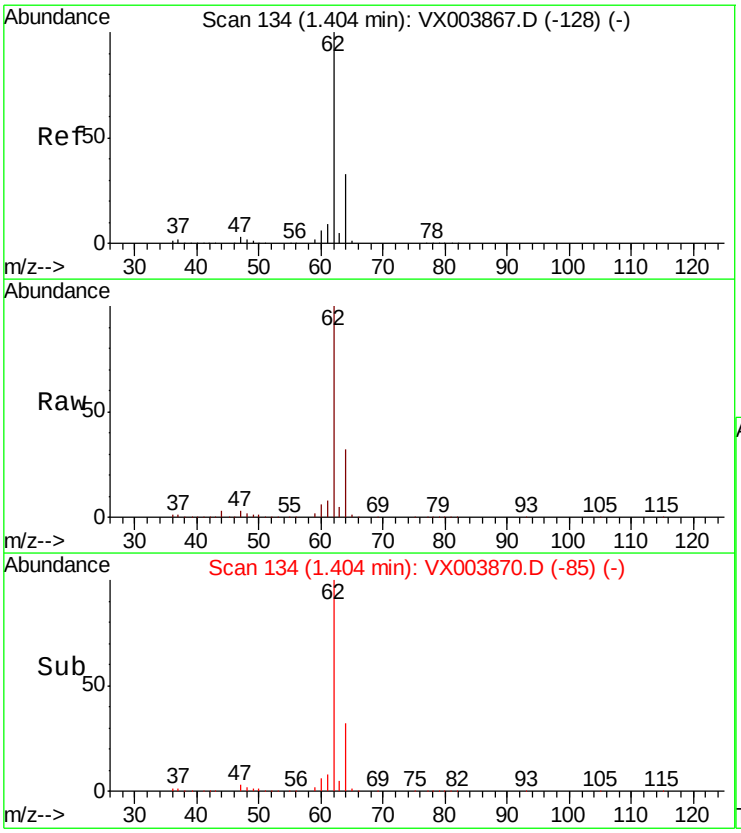
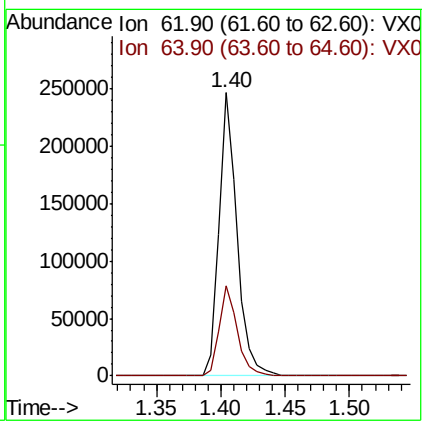
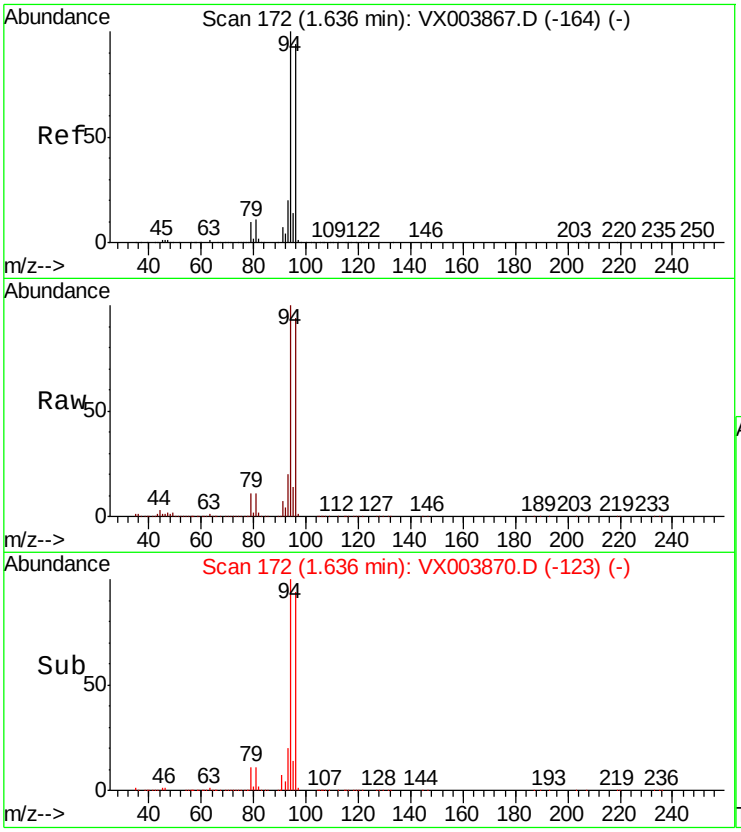


#4
Vinyl Chloride
Concen: 48.14 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 62 Resp: 244028

Ion	Ratio	Lower	Upper
62	100		
64	31.6	26.0	39.0

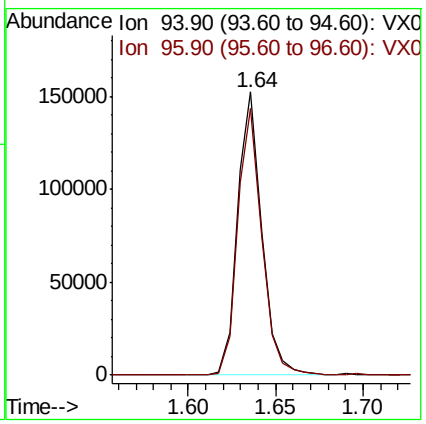




#5
Bromomethane
Concen: 55.42 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 94 Resp: 145674

Ion	Ratio	Lower	Upper
94	100		
96	94.2	75.2	112.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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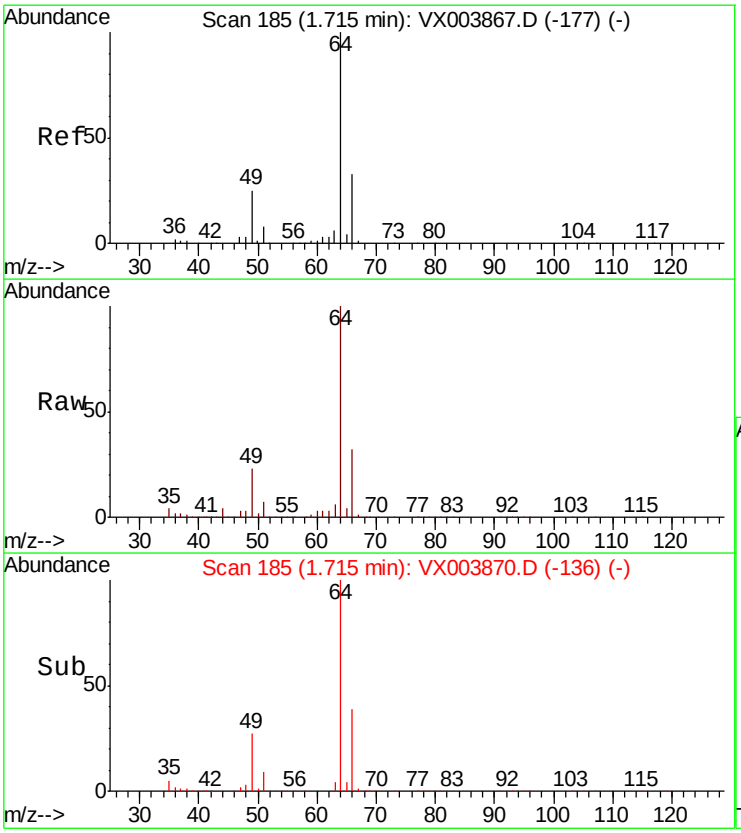
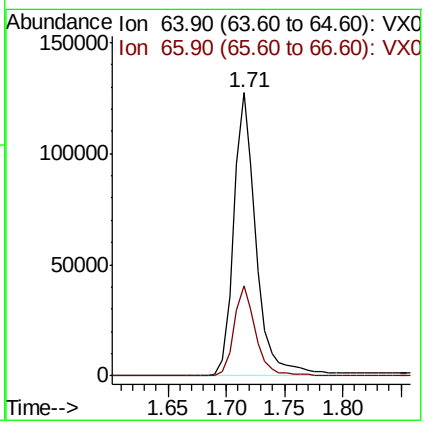
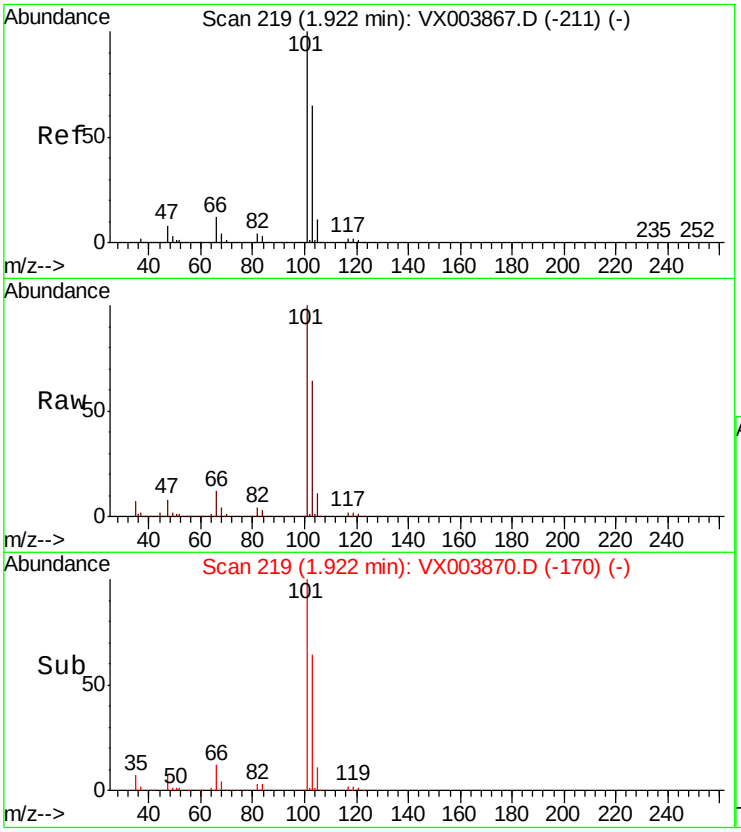


#6
Chloroethane
Concen: 52.58 ug/l
RT: 1.71 min Scan# 185
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 64 Resp: 170528

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.5	39.7

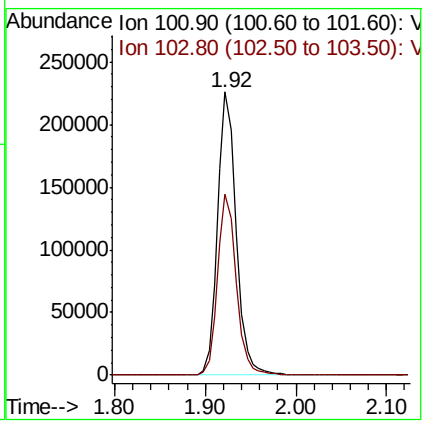




#7
Trichlorofluoromethane
Concen: 48.36 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:101 Resp: 323688

Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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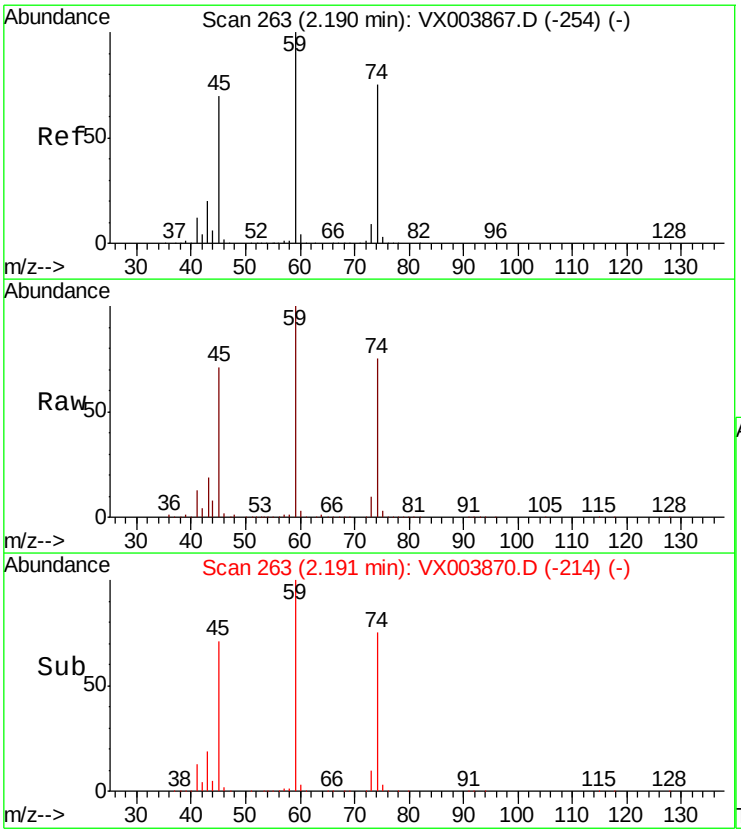
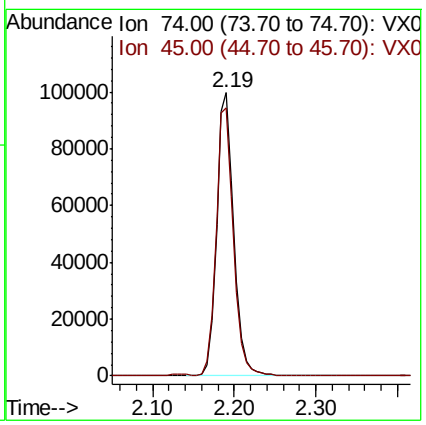
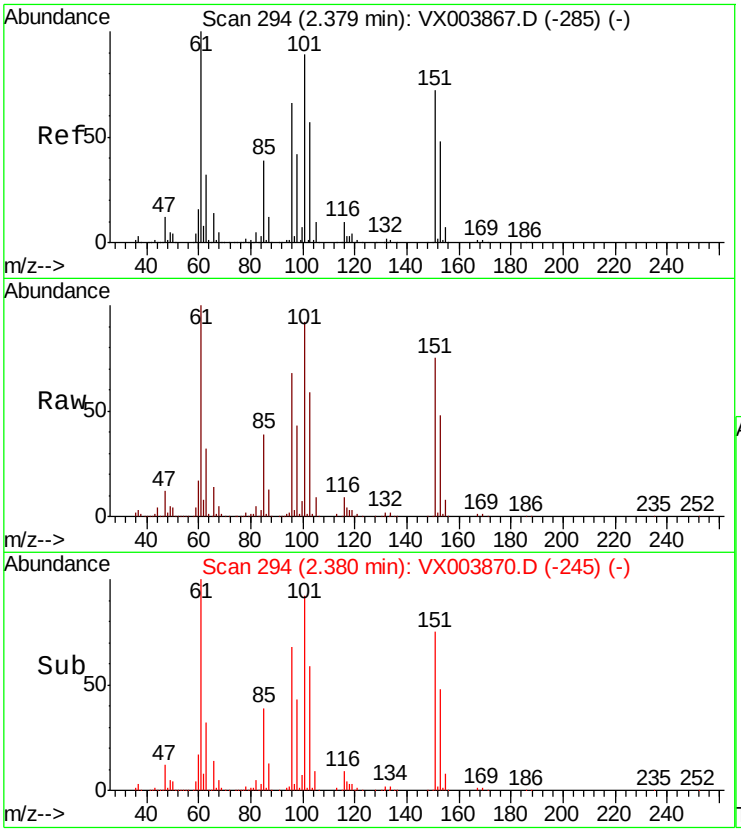


#8
Diethyl Ether
Concen: 48.43 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 74 Resp: 145702

Ion	Ratio	Lower	Upper
74	100		
45	96.0	48.3	144.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.52 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:101 Resp: 198814

Ion	Ratio	Lower	Upper
101	100		
85	42.5	34.2	51.4
151	80.8	65.0	97.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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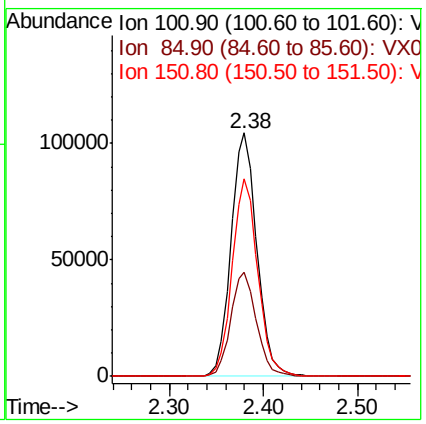
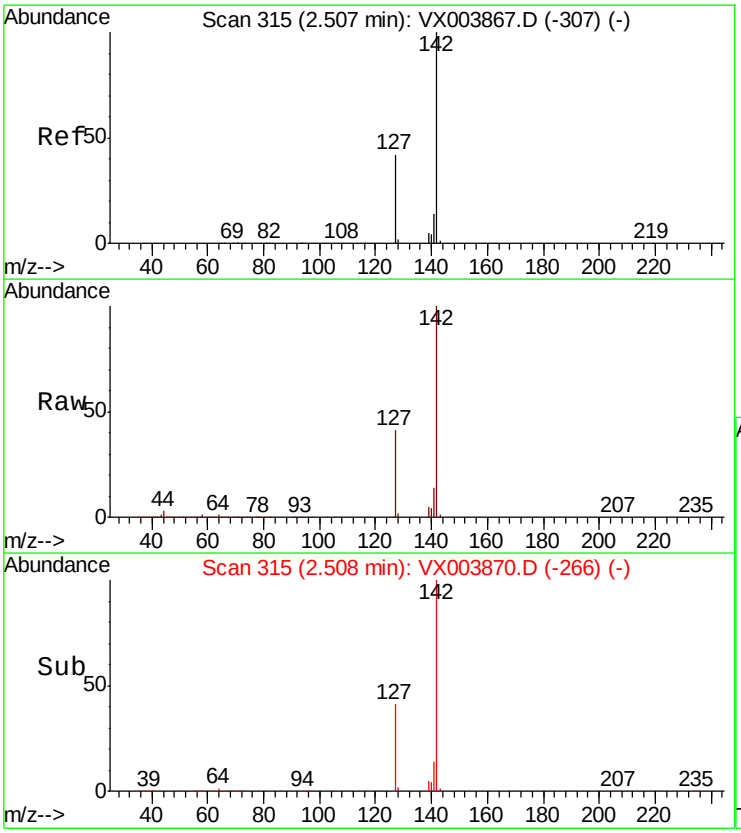
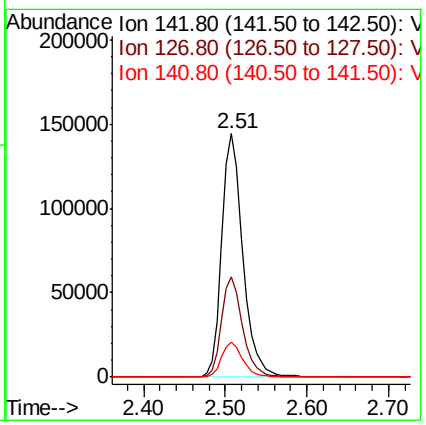


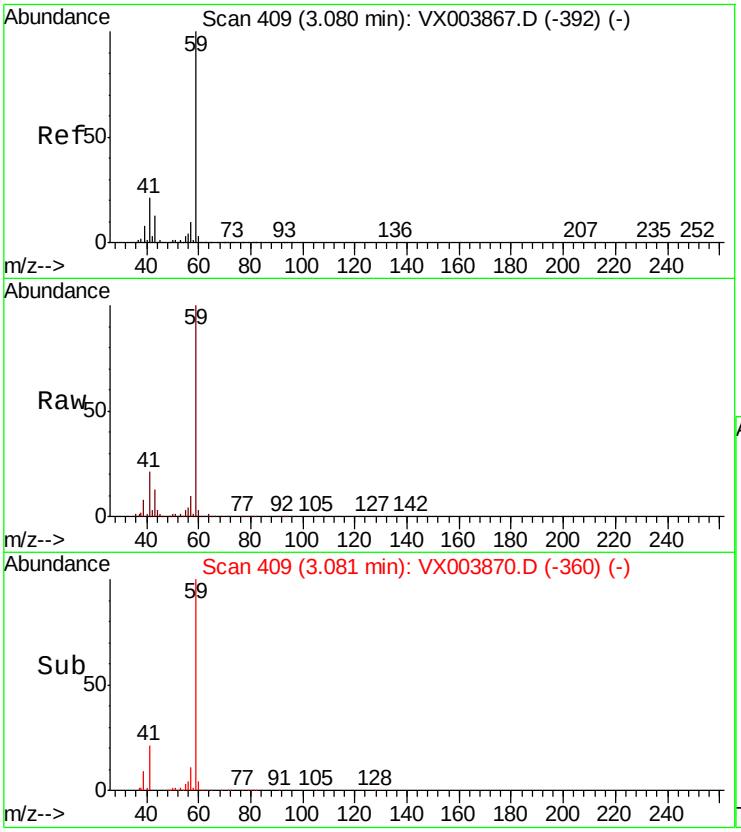


#10
Methyl Iodide
Concen: 49.73 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:142 Resp: 258844

Ion	Ratio	Lower	Upper
142	100		
127	41.3	33.1	49.7
141	14.4	11.1	16.7

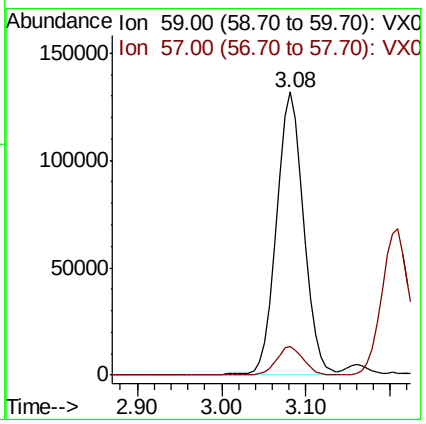




#11
Tert butyl alcohol
Concen: 252.22 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 59 Resp: 296217

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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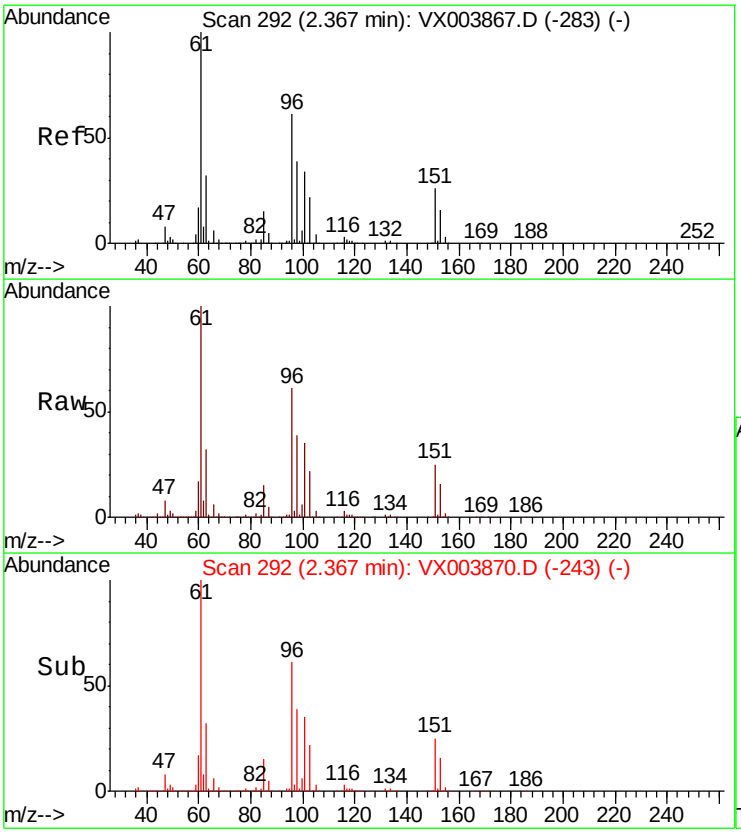
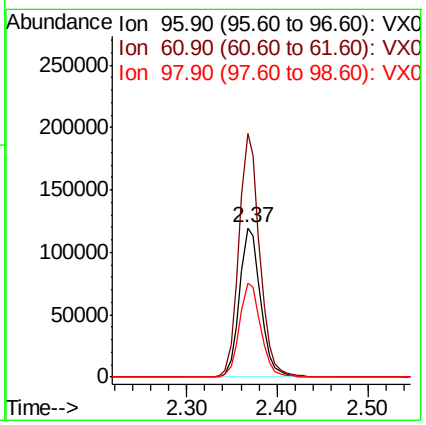
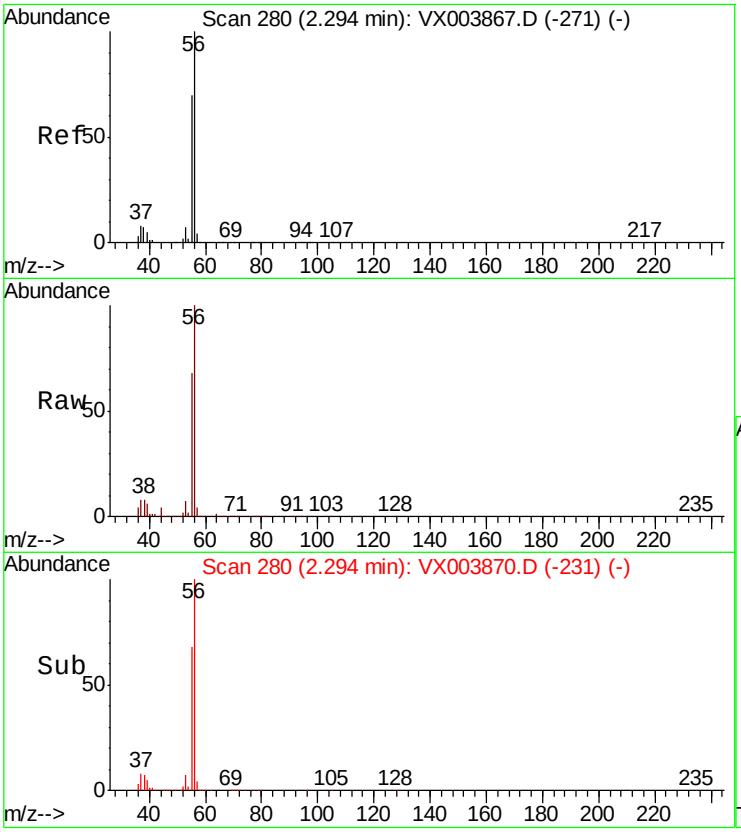


#12
1,1-Dichloroethene
Concen: 48.62 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 96 Resp: 192423

Ion	Ratio	Lower	Upper
96	100		
61	163.5	131.3	196.9
98	63.1	51.8	77.6

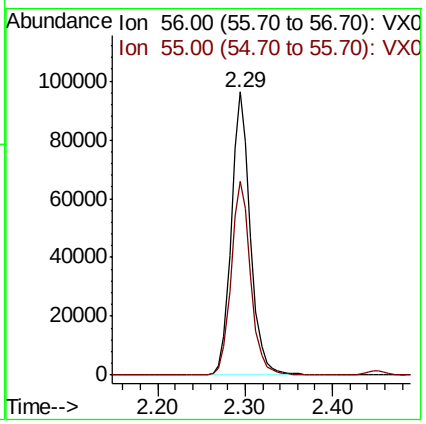




#13
Acrolein
Concen: 241.76 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 56 Resp: 146077

Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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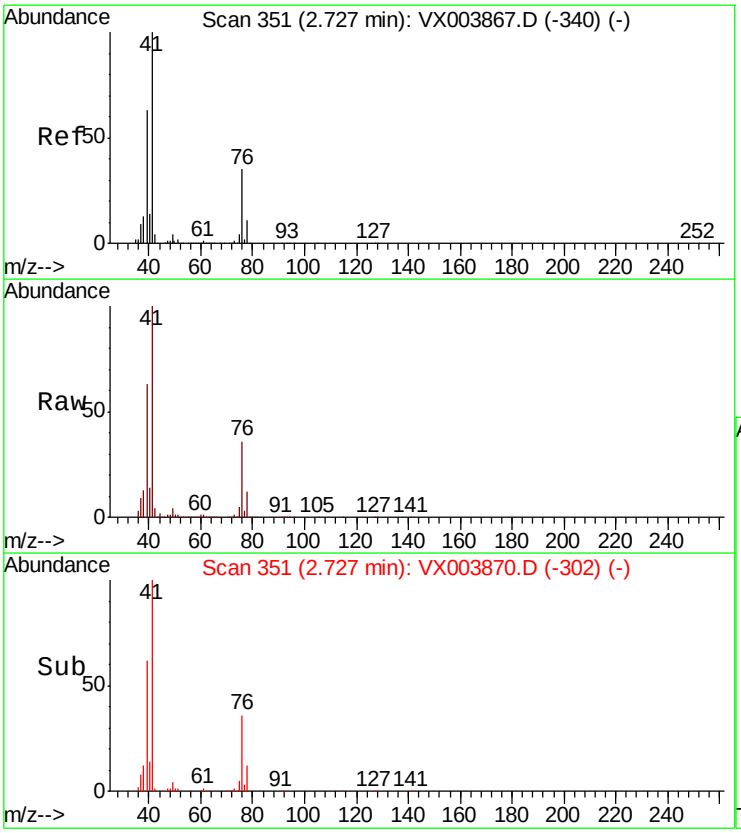
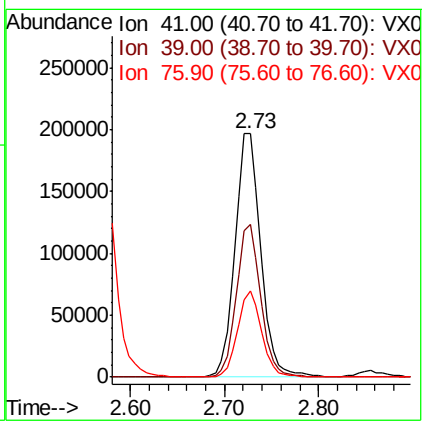
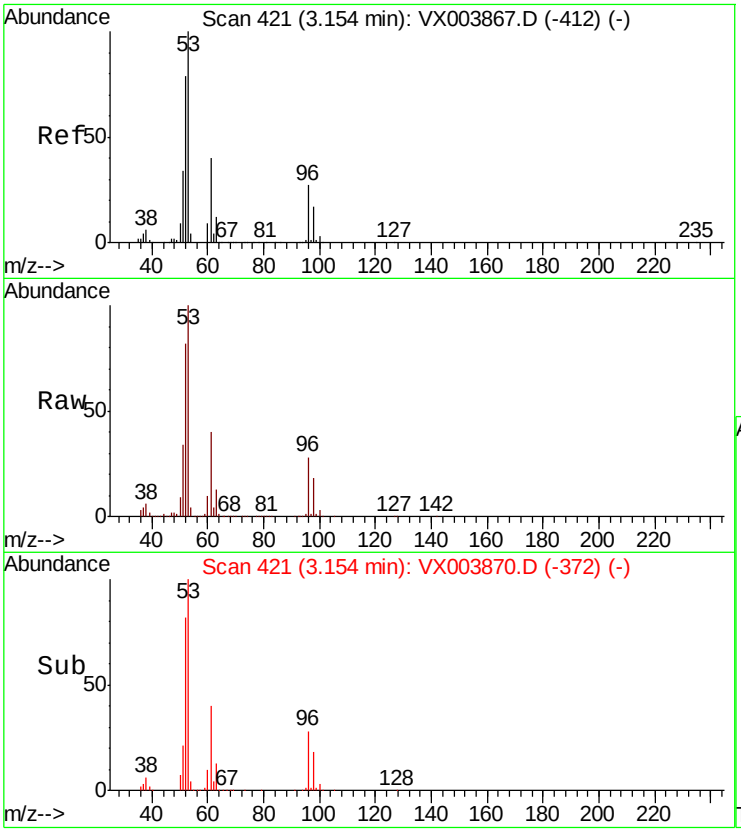


#14
Allyl chloride
Concen: 48.88 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 41 Resp: 372864

Ion	Ratio	Lower	Upper
41	100		
39	59.1	47.4	71.0
76	32.8	26.0	39.0

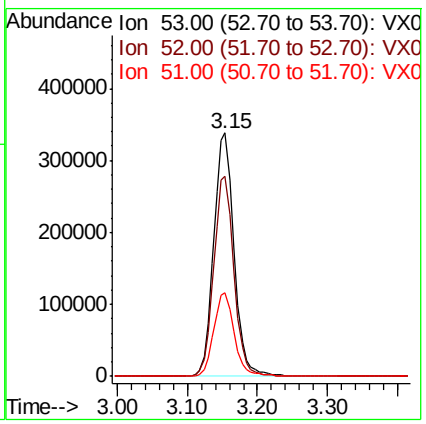




#15
Acrylonitrile
Concen: 241.78 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 53 Resp: 677571

Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.3	97.9
51	34.8	27.9	41.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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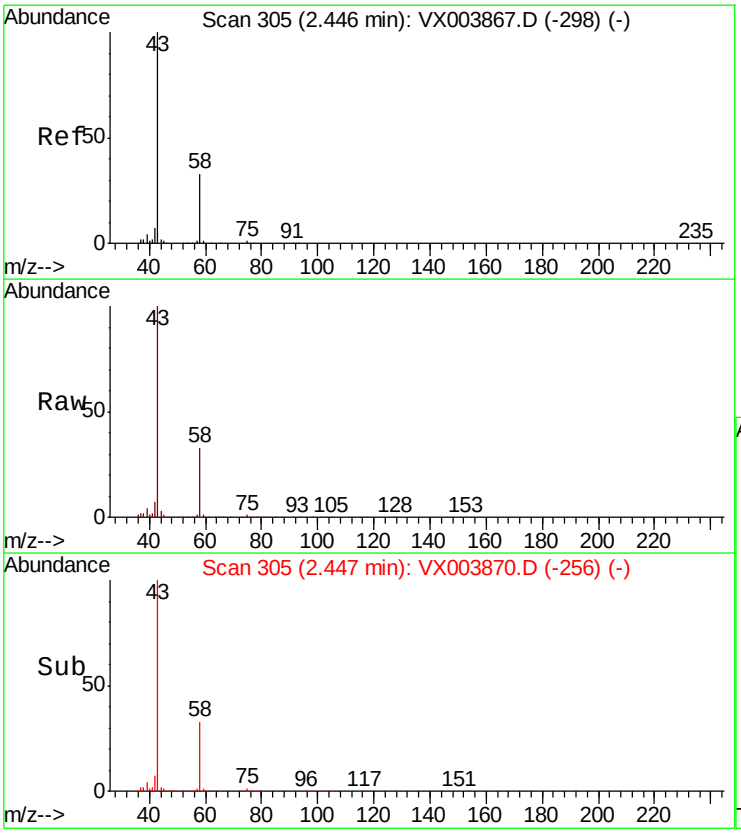
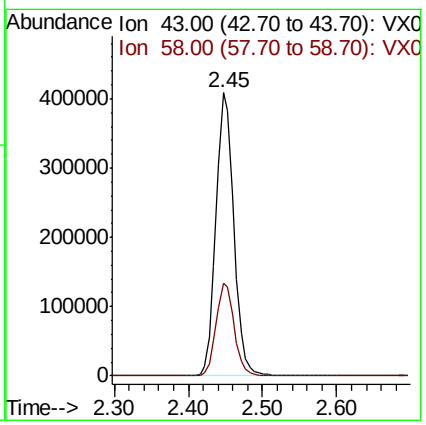
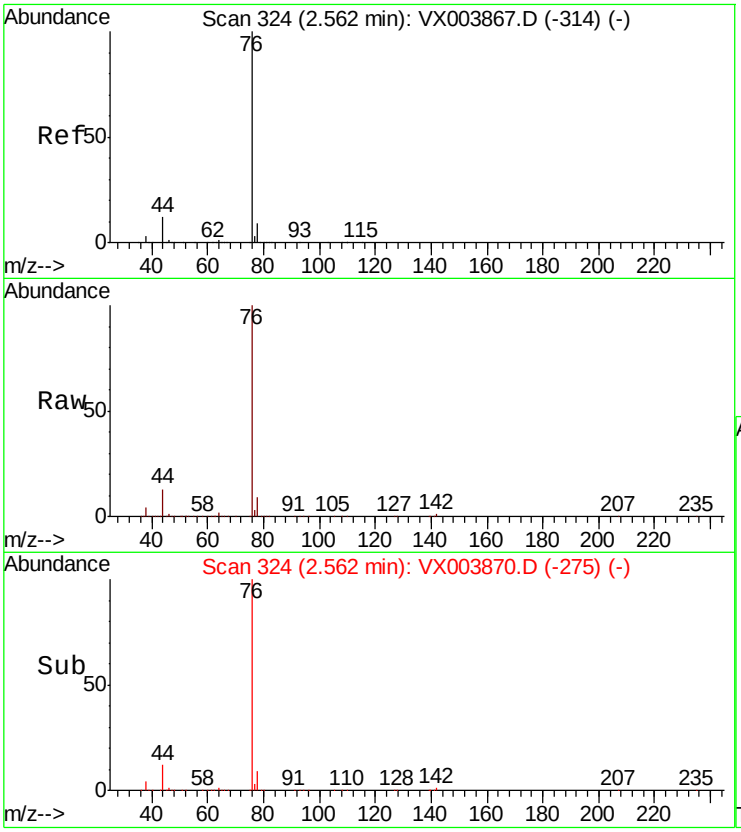


#16
Acetone
Concen: 231.81 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 674027

Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.4	39.6

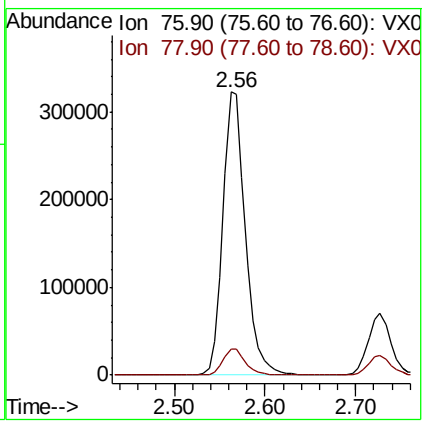




#17
Carbon Disulfide
Concen: 49.65 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 76 Resp: 556852

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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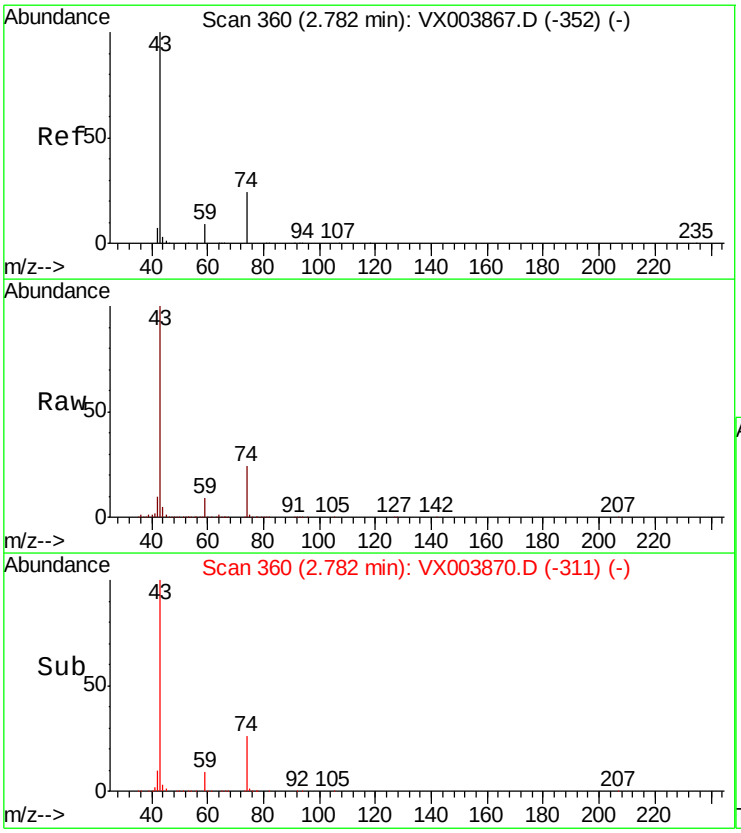
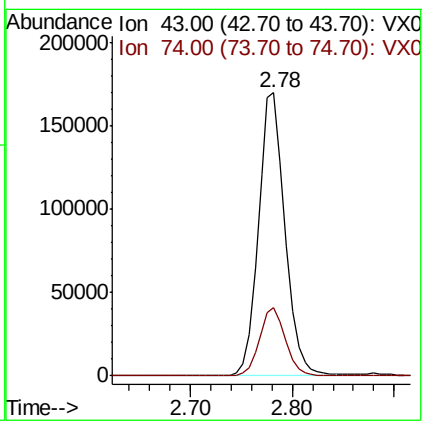
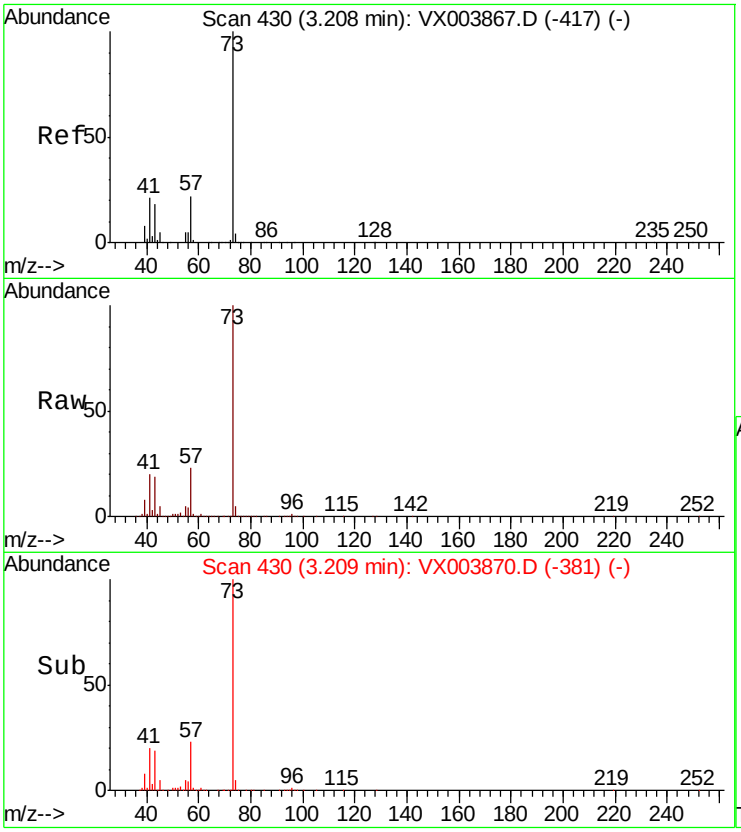


#18
Methyl Acetate
Concen: 48.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 305432

Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.9	28.3

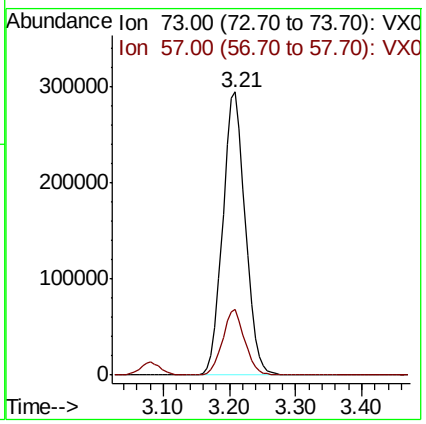




#19
Methyl tert-butyl Ether
Concen: 49.63 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 73 Resp: 695993

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.0	27.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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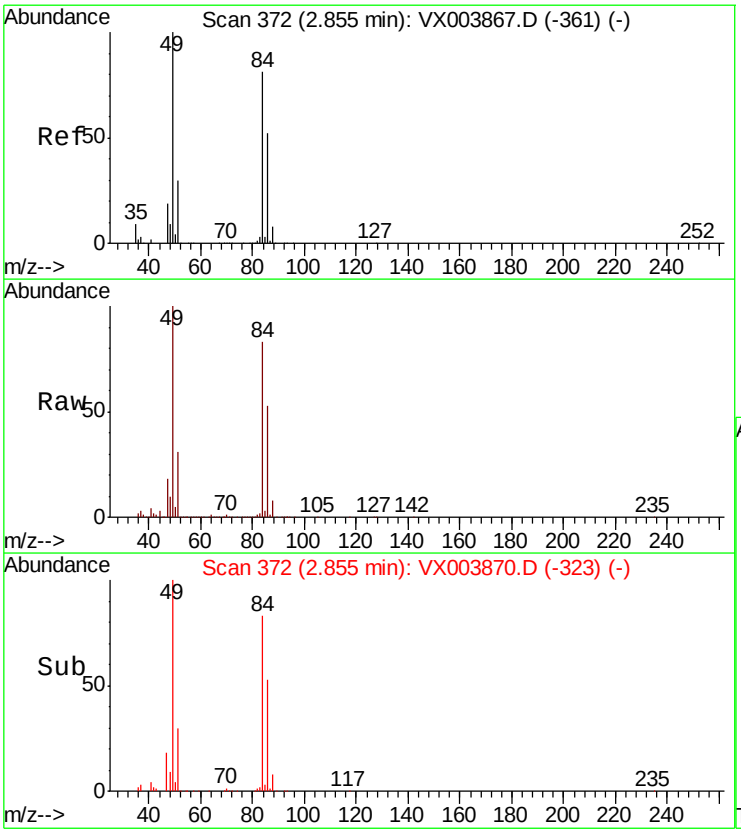
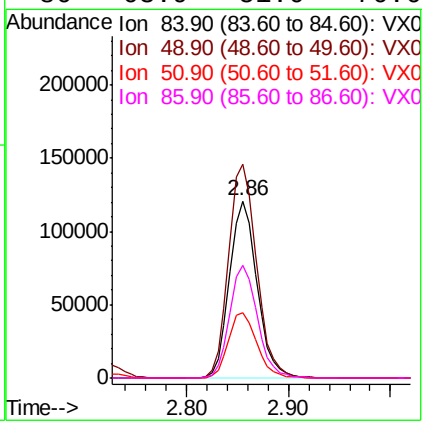
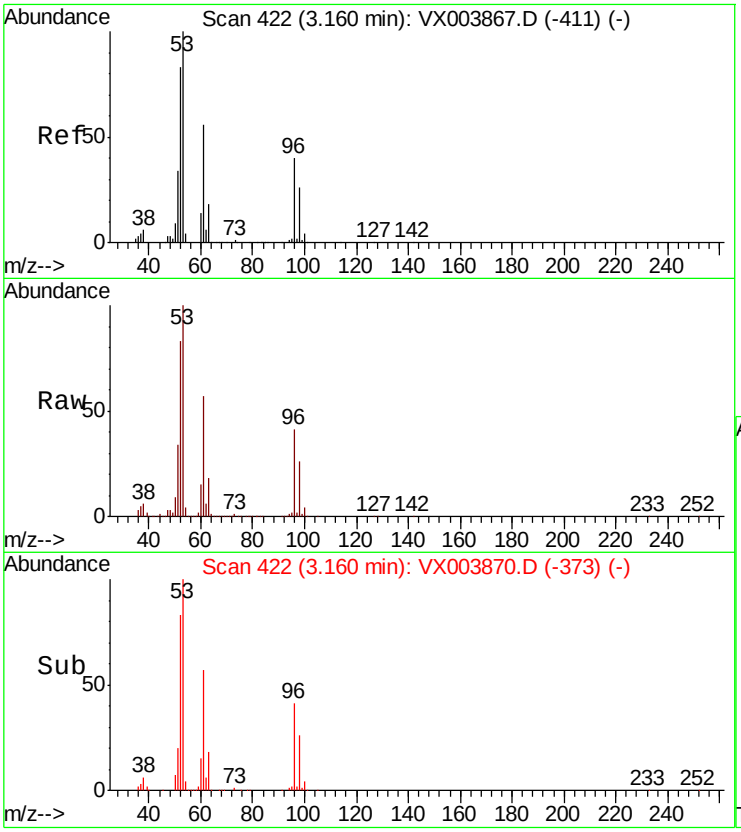


#20
Methylene Chloride
Concen: 49.18 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 84 Resp: 225496

Ion	Ratio	Lower	Upper
84	100		
49	120.8	98.9	148.3
51	36.9	29.9	44.9
86	63.9	51.0	76.6

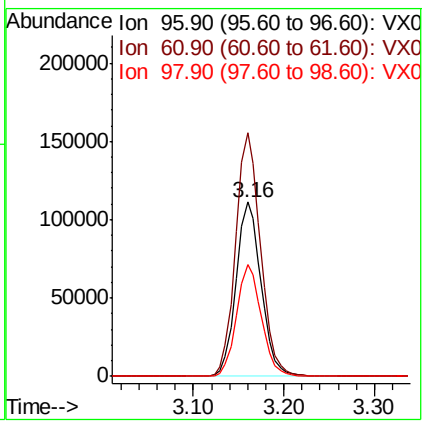




#21
trans-1,2-Dichloroethene
Concen: 47.28 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 96 Resp: 212429

Ion	Ratio	Lower	Upper
96	100		
61	139.8	111.8	167.6
98	64.1	51.8	77.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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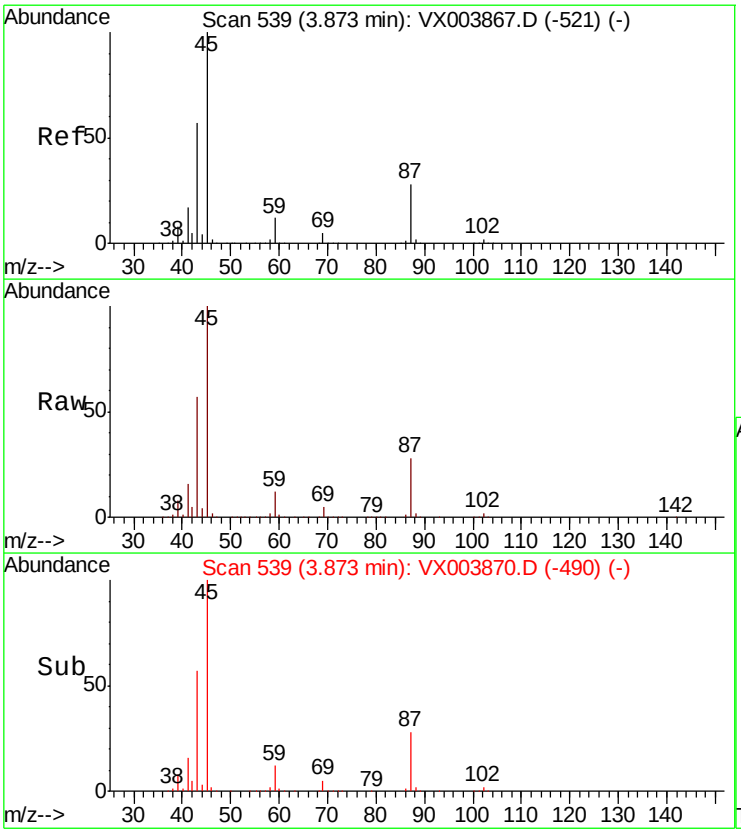
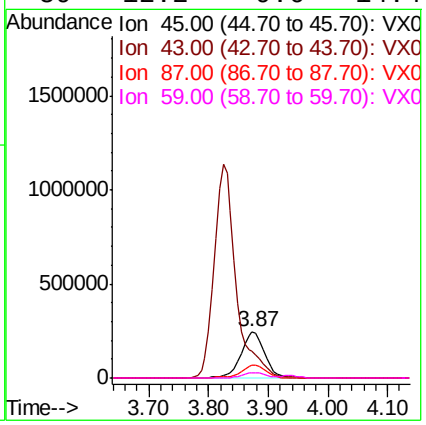
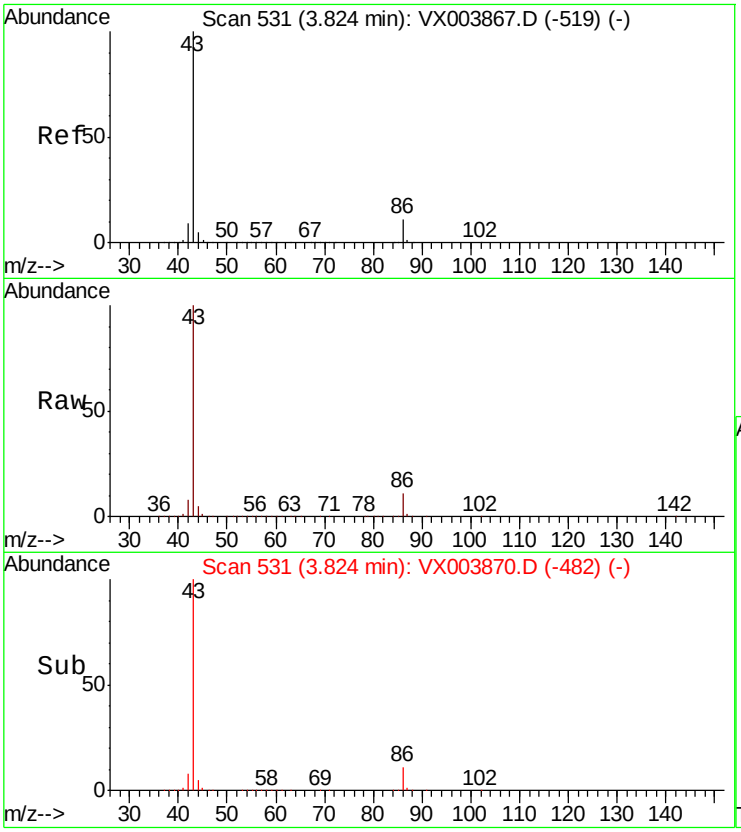


#22
Diisopropyl ether
Concen: 48.31 ug/l
RT: 3.87 min Scan# 539
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 45 Resp: 677366

Ion	Ratio	Lower	Upper
45	100		
43	56.5	45.3	67.9
87	28.2	22.7	34.1
59	12.2	9.6	14.4

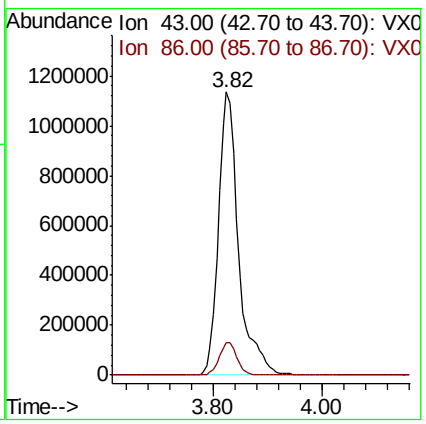




#23
Vinyl Acetate
Concen: 248.72 ug/l
RT: 3.82 min Scan# 531
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 2901921

Ion	Ratio	Lower	Upper
43	100		
86	11.3	8.9	13.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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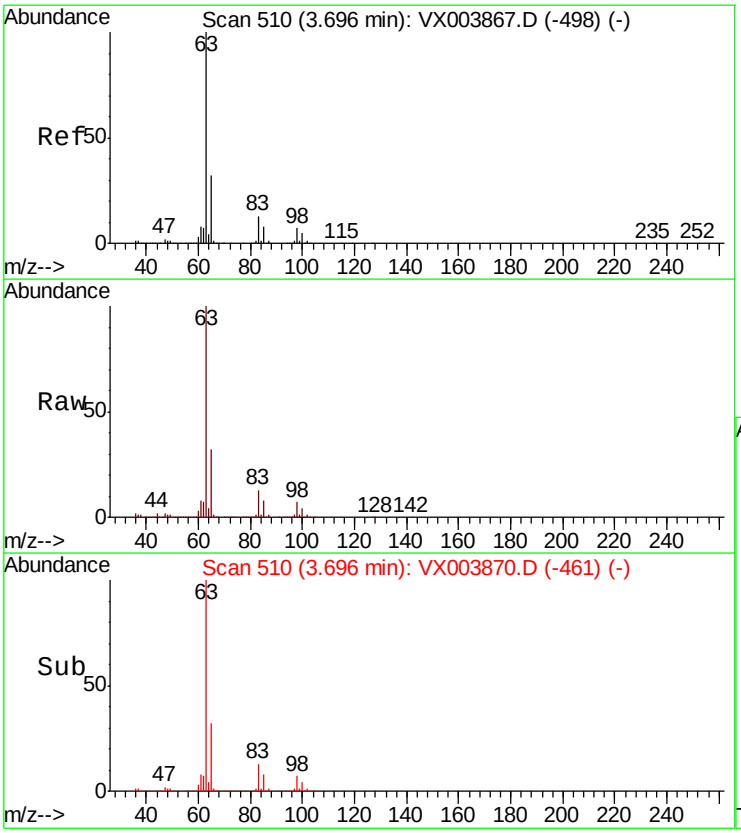
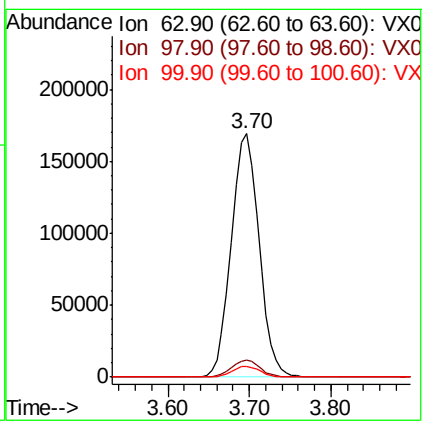
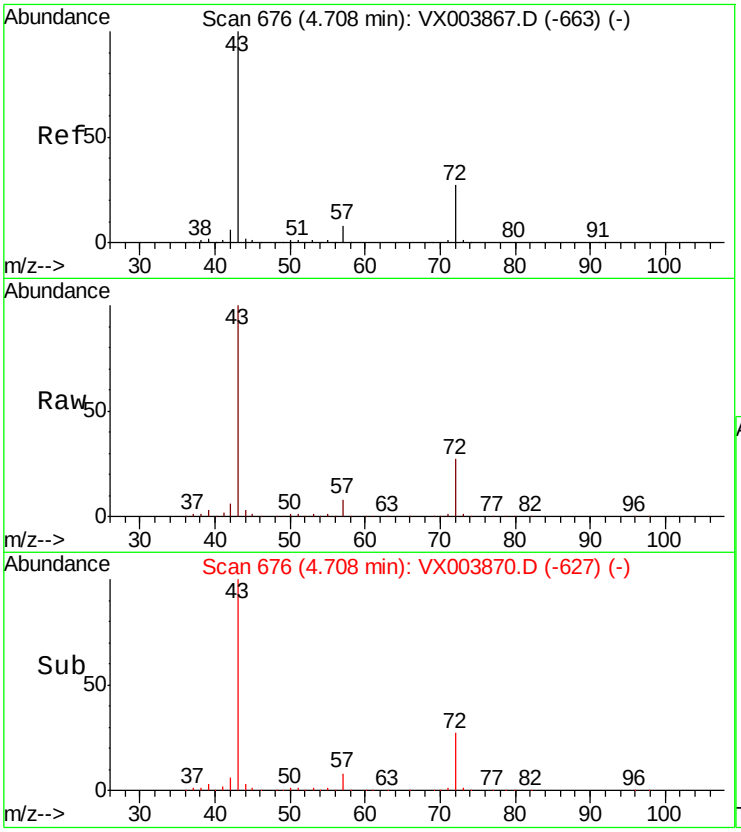


#24
1,1-Dichloroethane
Concen: 47.88 ug/l
RT: 3.70 min Scan# 510
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 63 Resp: 398857

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.5
100	4.5	2.3	6.8

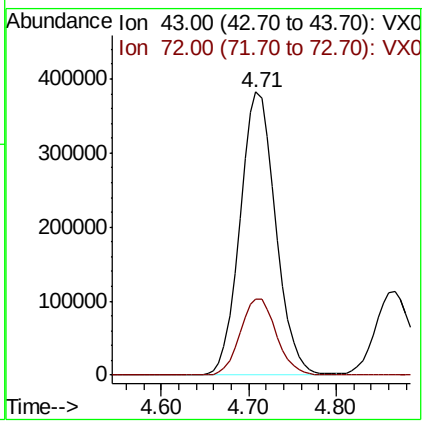




#25
2-Butanone
Concen: 247.07 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 1080115

Ion	Ratio	Lower	Upper
43	100		
72	26.8	21.4	32.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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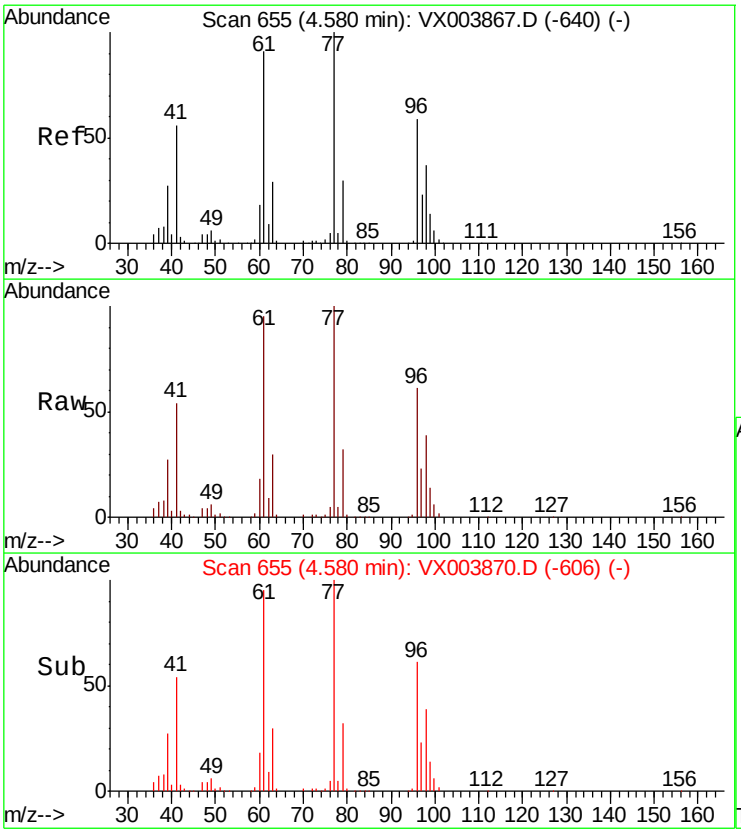
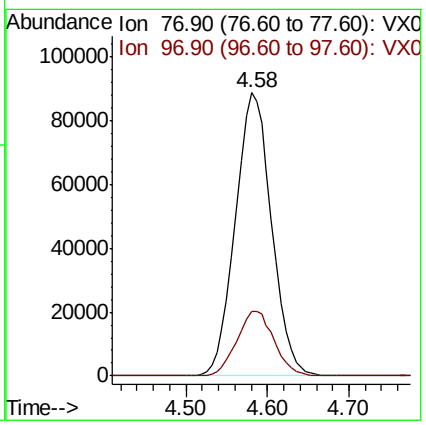
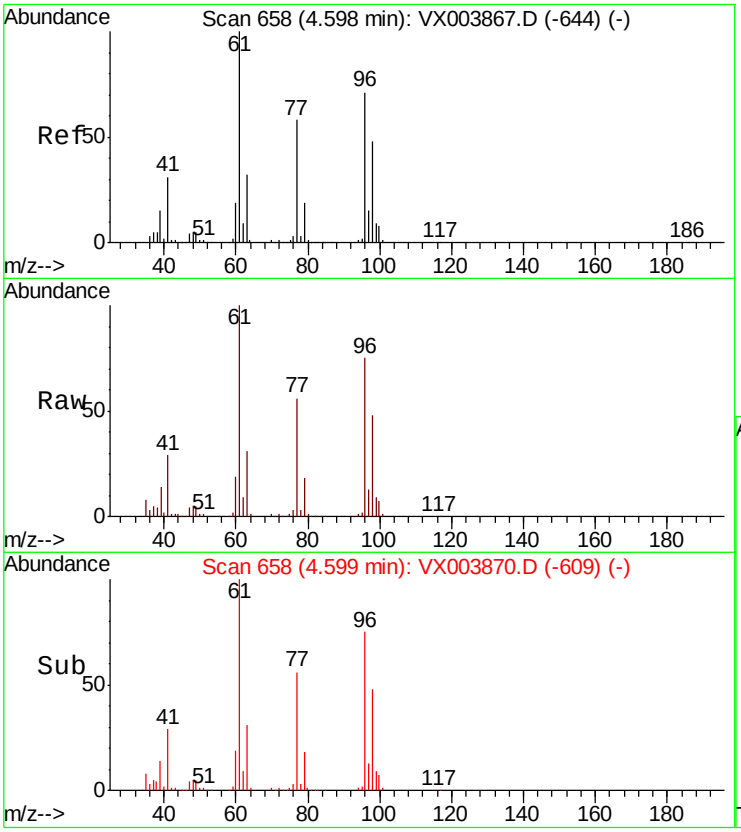


#26
2,2-Dichloropropane
Concen: 45.58 ug/l
RT: 4.58 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 77 Resp: 273795

Ion	Ratio	Lower	Upper
77	100		
97	23.5	11.9	35.9

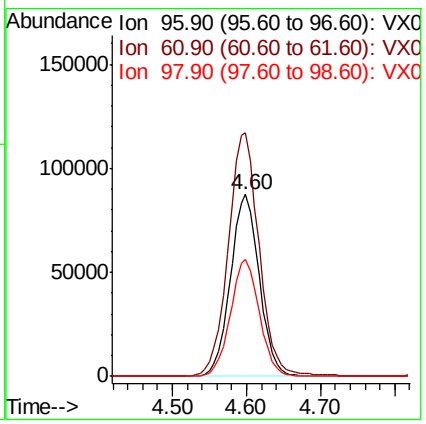




#27
cis-1,2-Dichloroethene
Concen: 48.64 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 96 Resp: 237108

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	293.0
98	64.5	0.0	131.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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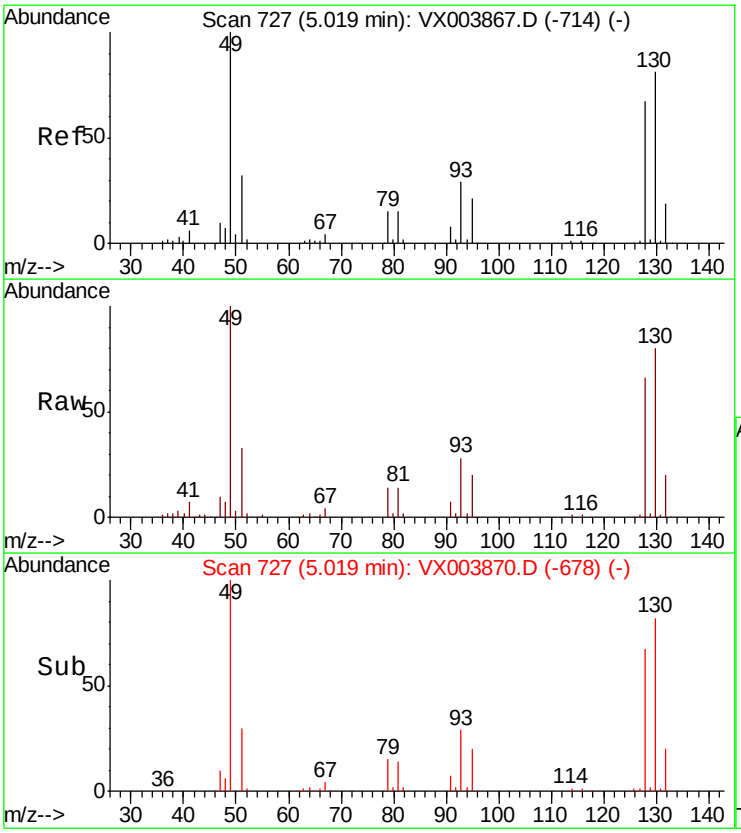
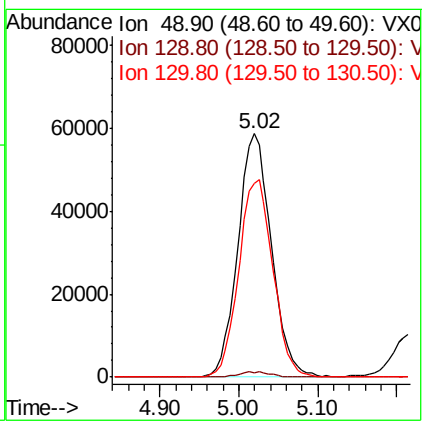
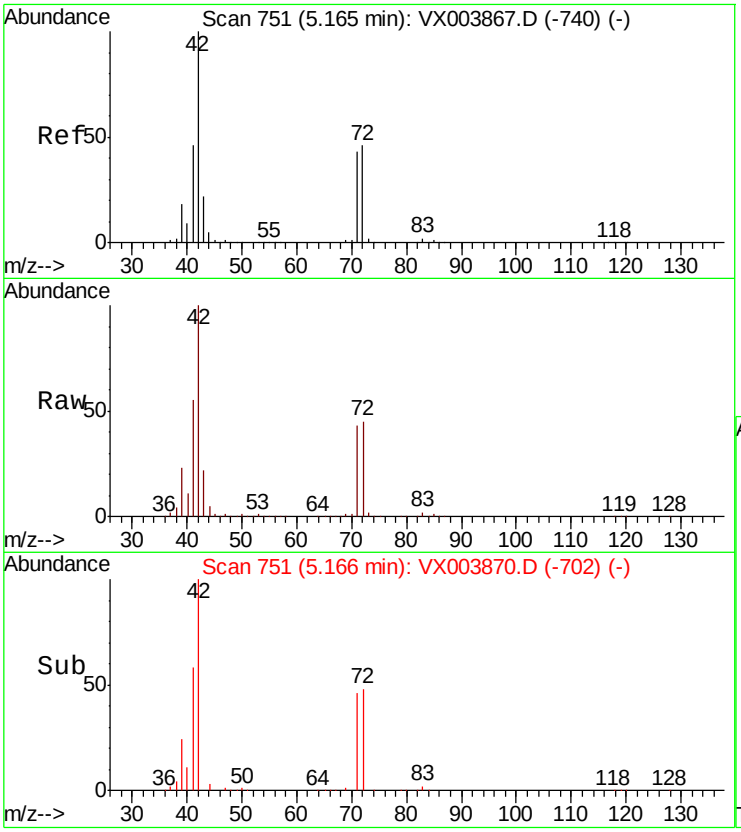


#28
Bromochloromethane
Concen: 48.70 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 49 Resp: 173607

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	82.5	66.5	99.7

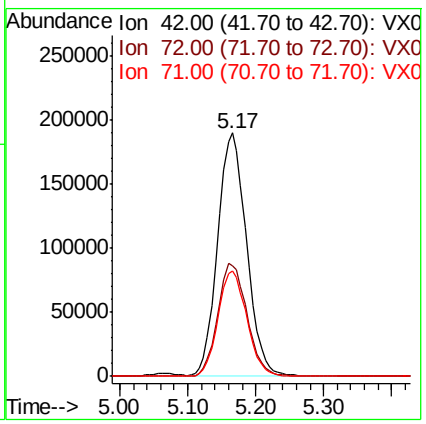




#29
Tetrahydrofuran
Concen: 248.52 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 42 Resp: 558408

Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.7	56.5
71	43.3	35.0	52.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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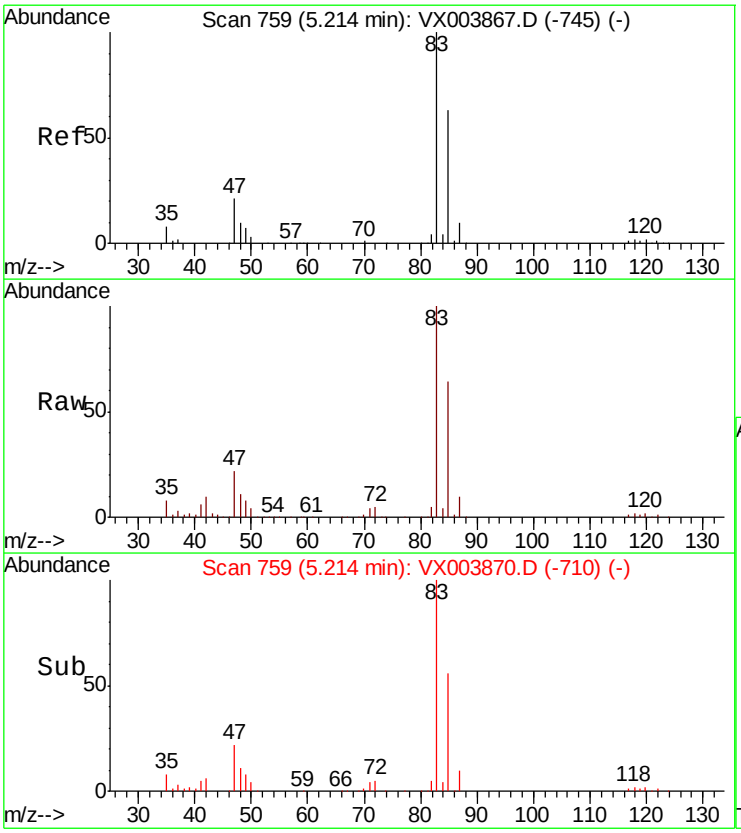
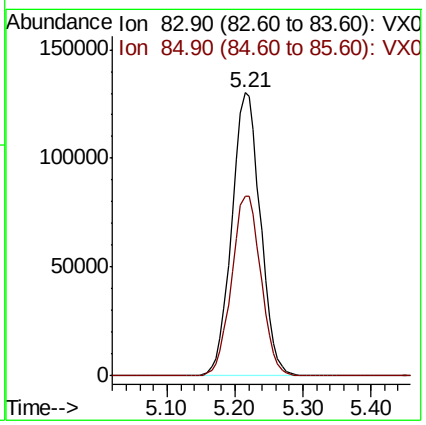
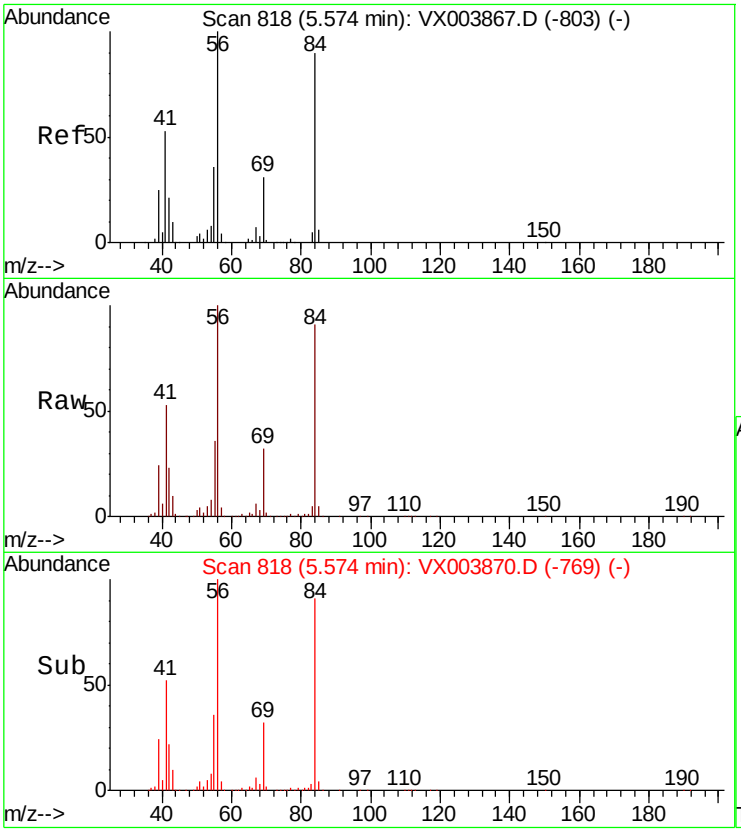


#30
Chloroform
Concen: 48.35 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 83 Resp: 379162

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.7	76.1

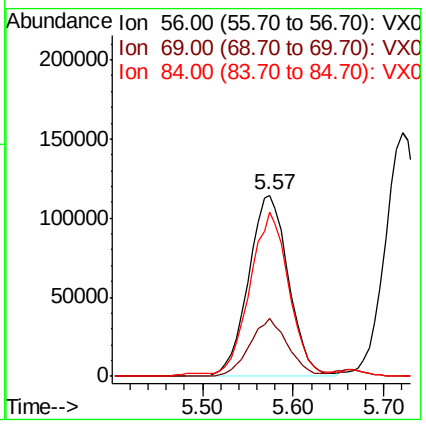




#31
Cyclohexane
Concen: 49.57 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 56 Resp: 349177

Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.9	37.3
84	89.2	71.7	107.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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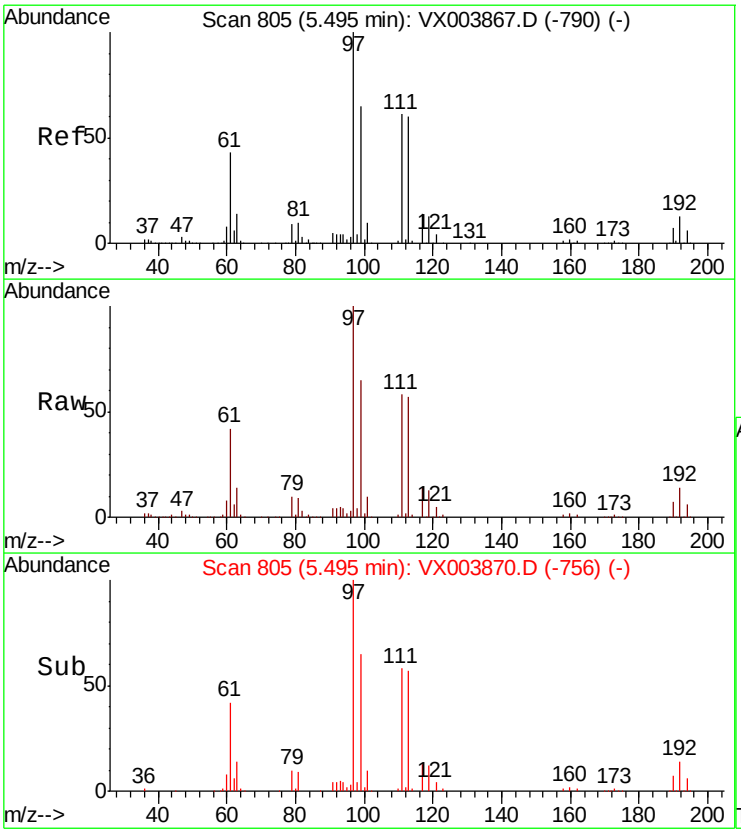
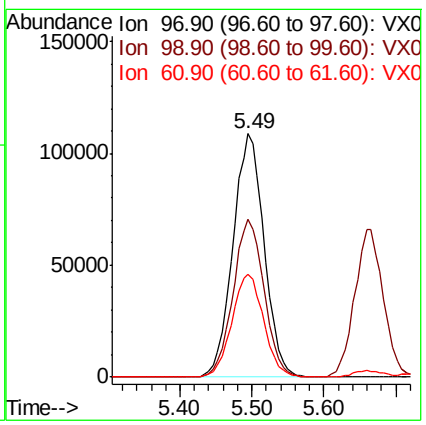
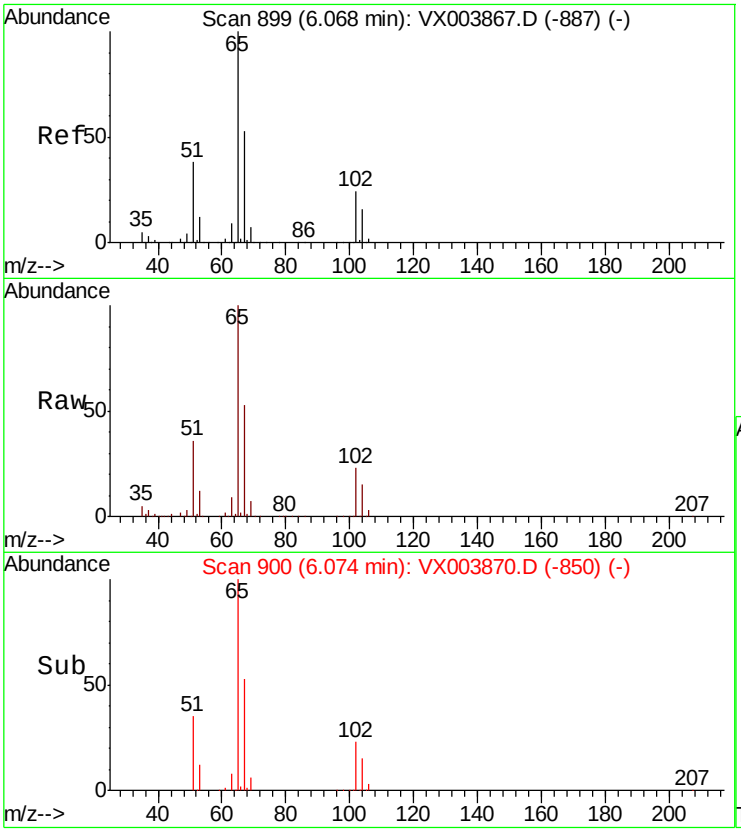


#32
1,1,1-Trichloroethane
Concen: 49.64 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 97 Resp: 326403

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	43.1	34.4	51.6





#33
1,2-Dichloroethane-d4
Concen: 47.64 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 65 Resp: 232832

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	105.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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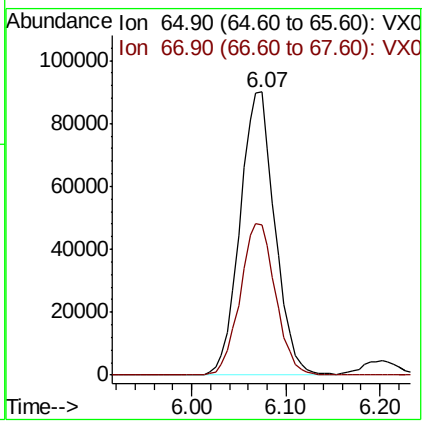
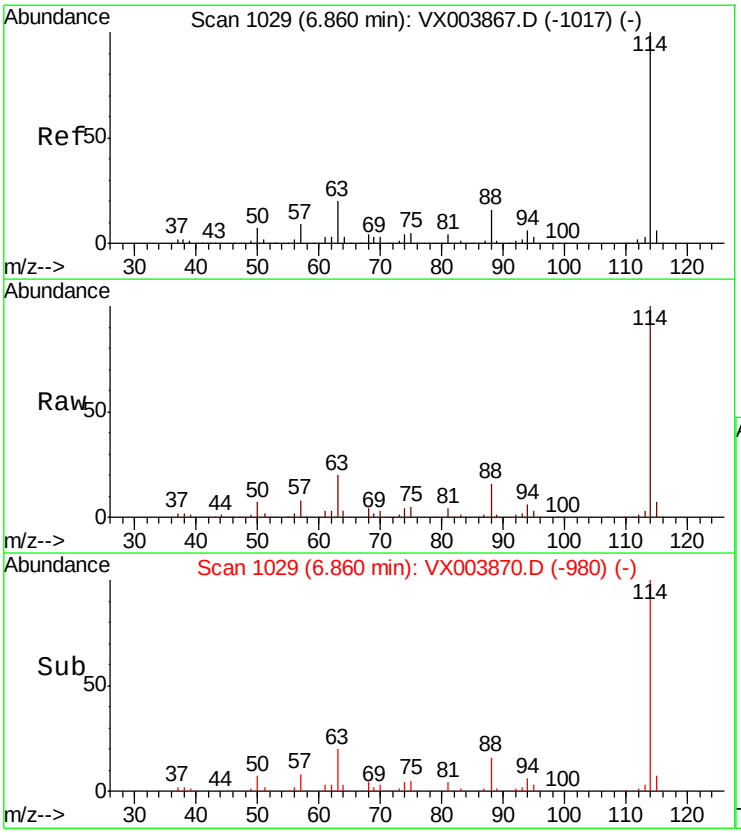
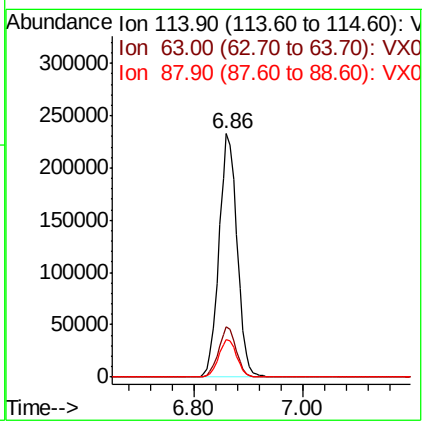


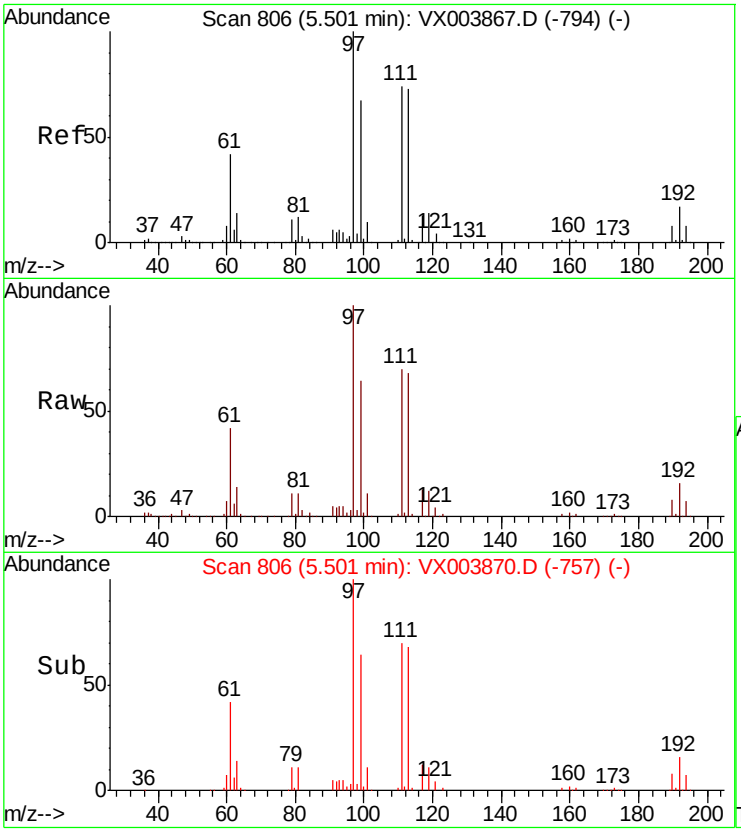


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:114 Resp: 535502

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.6	0.0	32.0

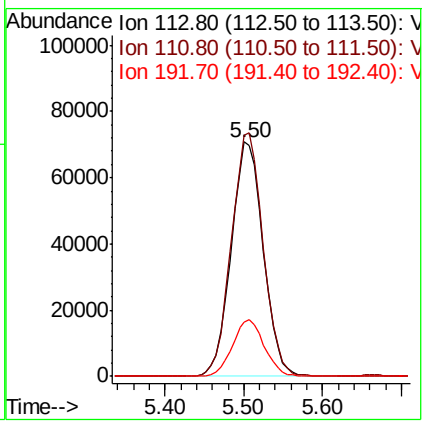




#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:113 Resp: 199436

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	24.0	19.0	28.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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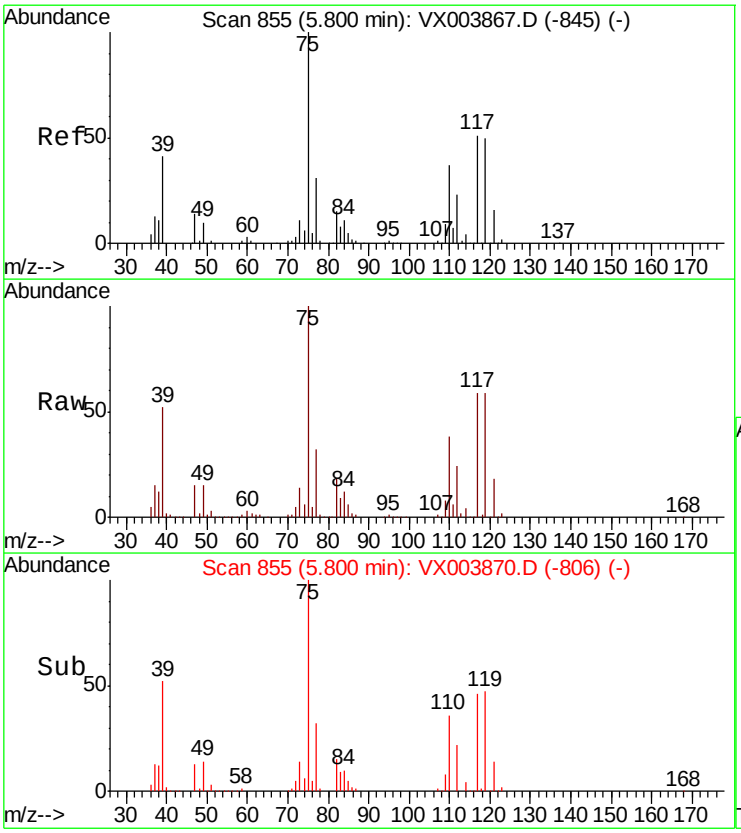
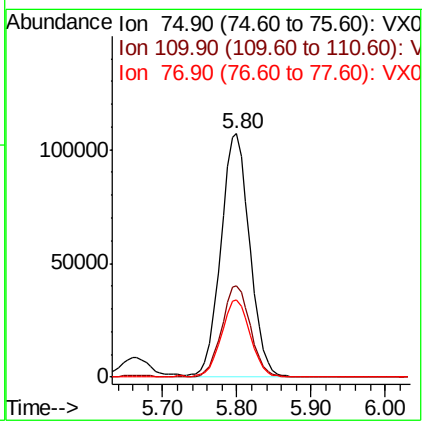
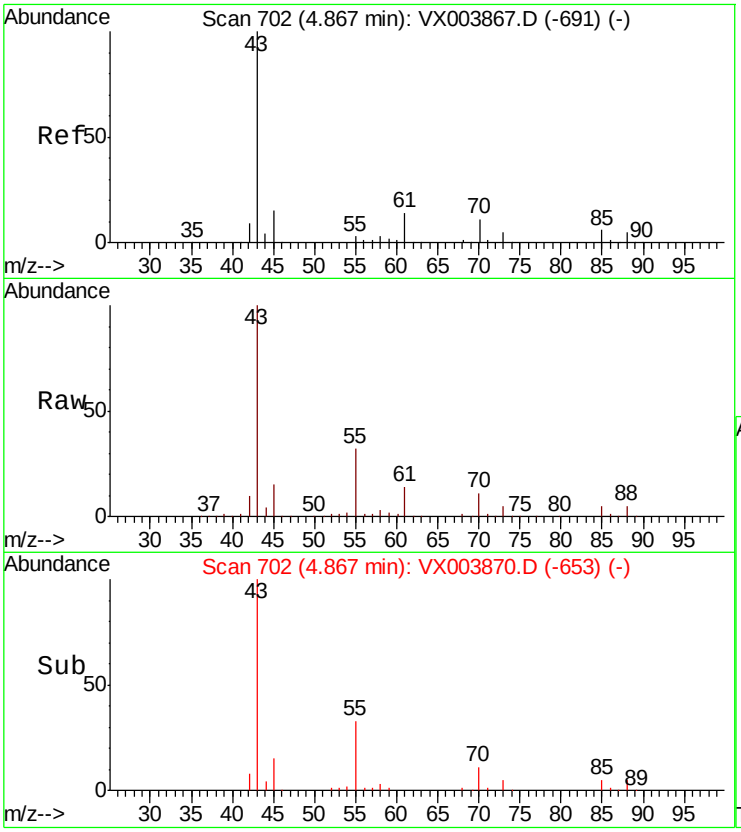


#36
1,1-Dichloropropene
Concen: 48.22 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 75 Resp: 289216

Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.2	54.6
77	31.8	25.0	37.4

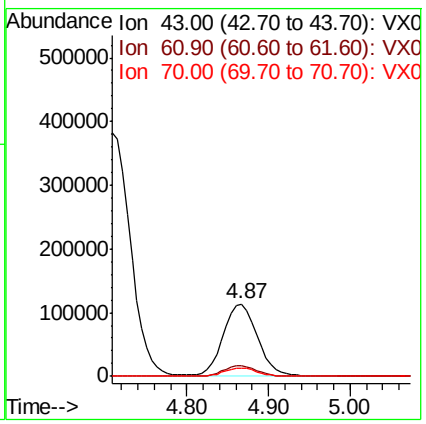




#37
Ethyl Acetate
Concen: 49.78 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 328408

Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.6	9.0	13.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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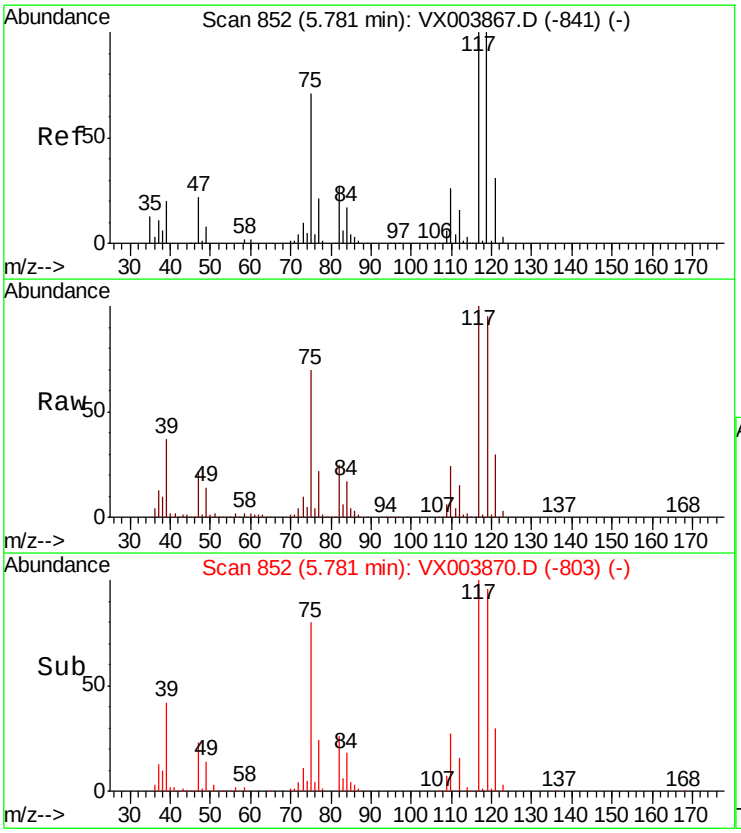
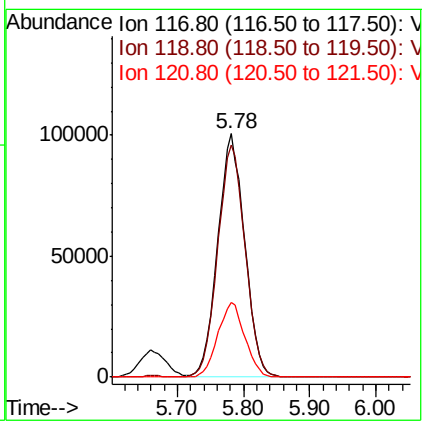
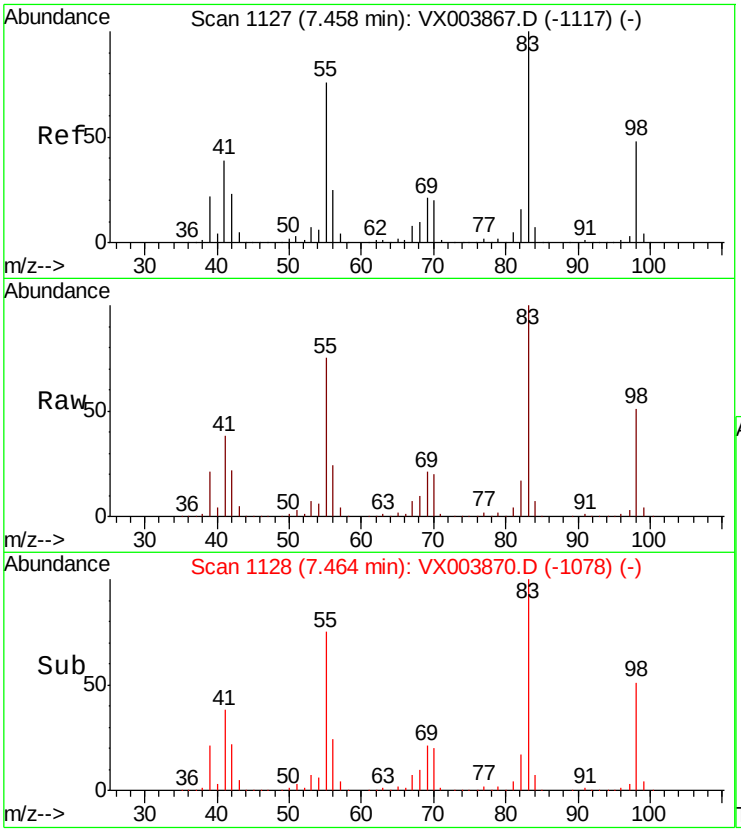


#38
Carbon Tetrachloride
Concen: 49.64 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:117 Resp: 283340

Ion	Ratio	Lower	Upper
117	100		
119	95.2	79.5	119.3
121	30.4	25.0	37.4

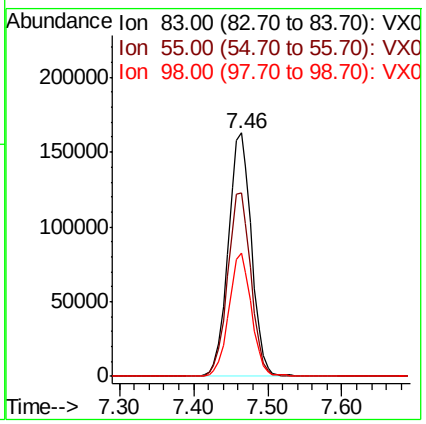




#39
Methylcyclohexane
Concen: 50.32 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 83 Resp: 355842

Ion	Ratio	Lower	Upper
83	100		
55	75.3	61.0	91.6
98	50.6	38.6	57.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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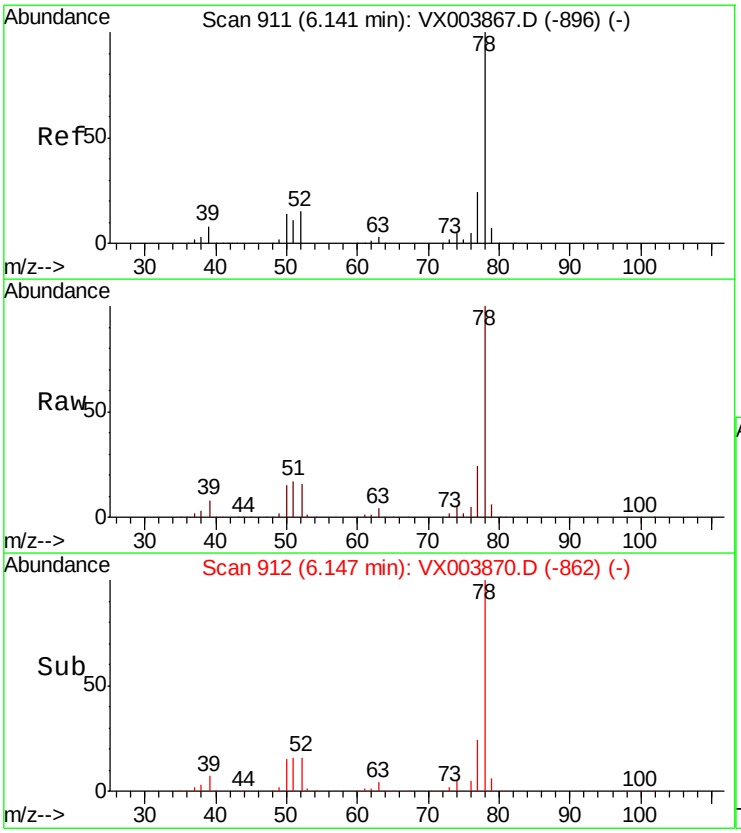
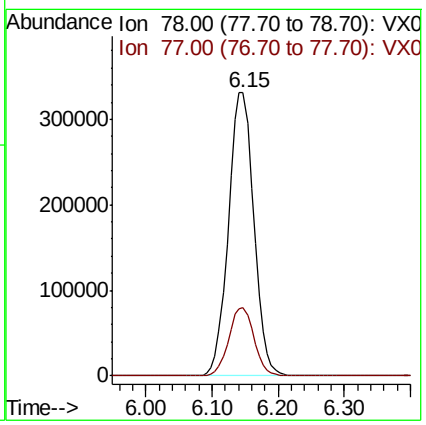
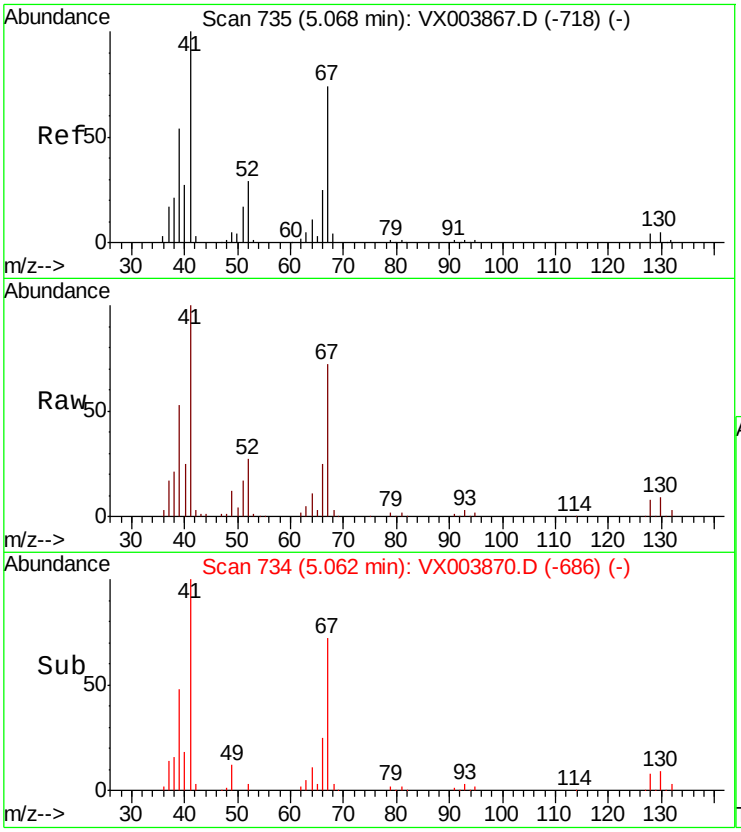


#40
Benzene
Concen: 48.87 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 78 Resp: 880111

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4

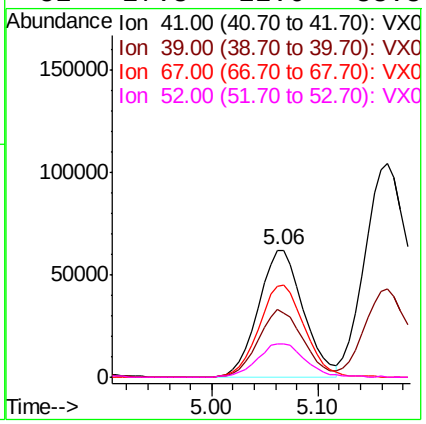




#41
Methacrylonitrile
Concen: 50.27 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 41 Resp: 182674

Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.7	64.1
67	73.5	58.9	88.3
52	27.8	22.6	33.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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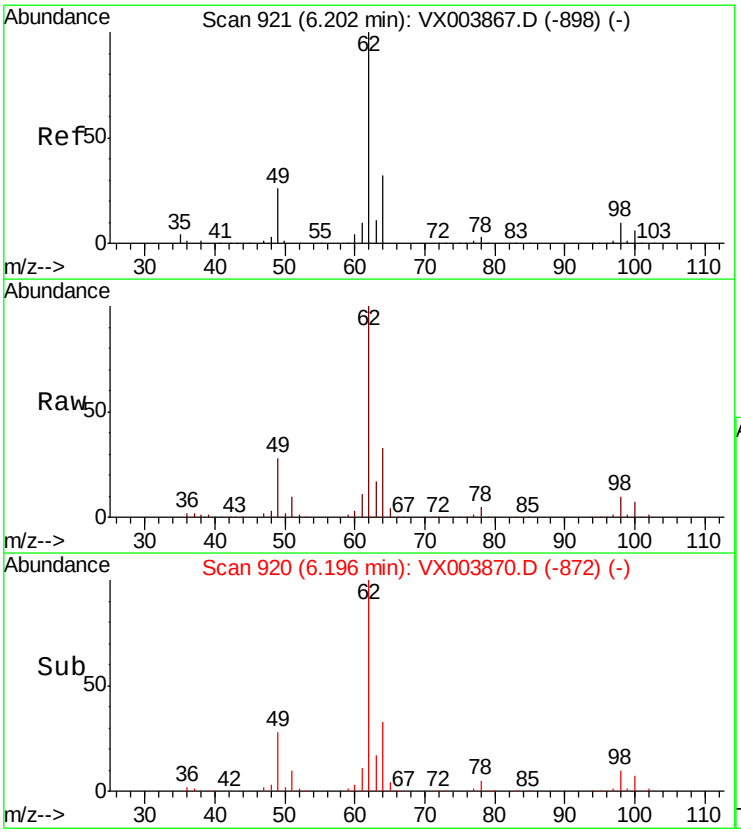
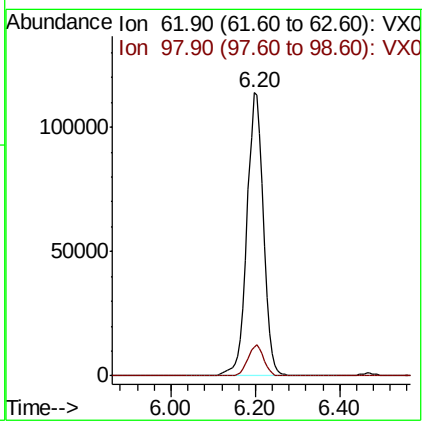
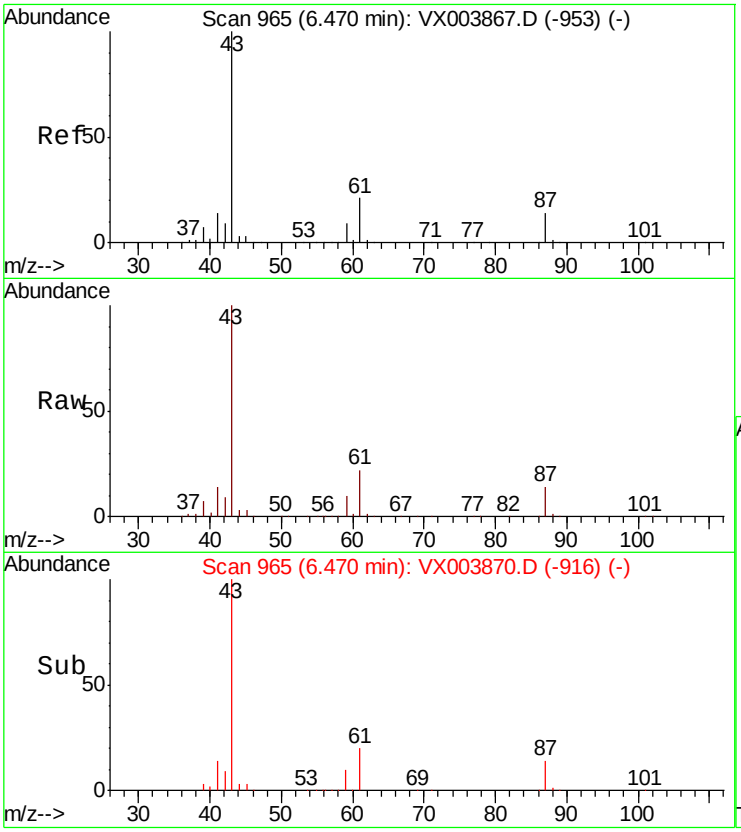


#42
1,2-Dichloroethane
Concen: 48.63 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 62 Resp: 296120

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4

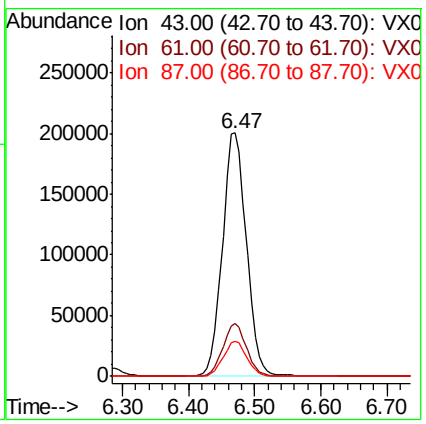




#43
Isopropyl Acetate
Concen: 50.69 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 503238

Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.9	25.3
87	14.3	11.3	16.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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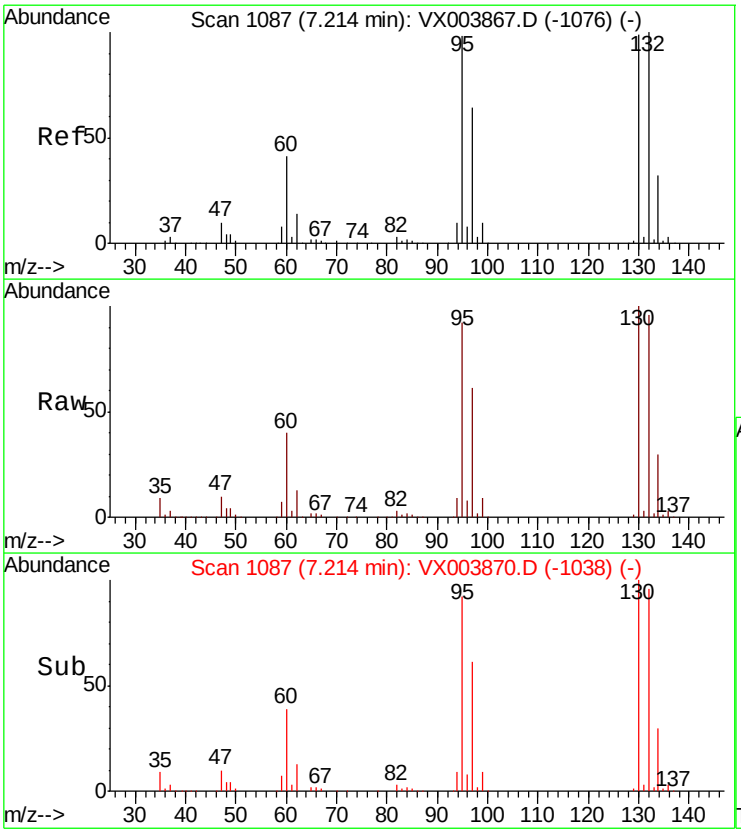
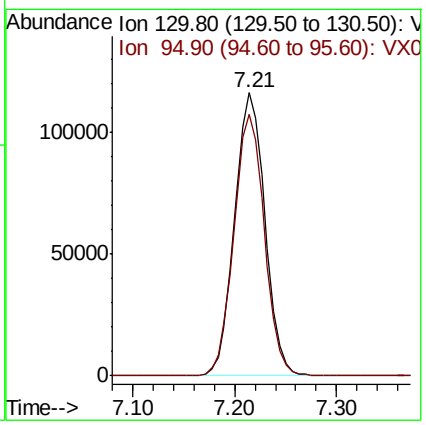
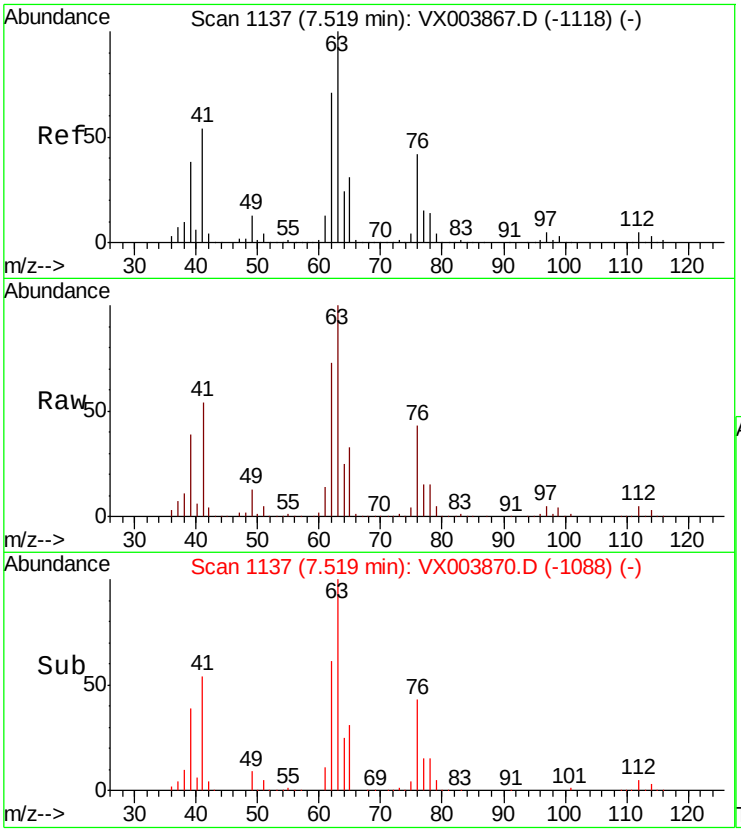


#44
Trichloroethene
Concen: 48.88 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:130 Resp: 240736

Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	199.4

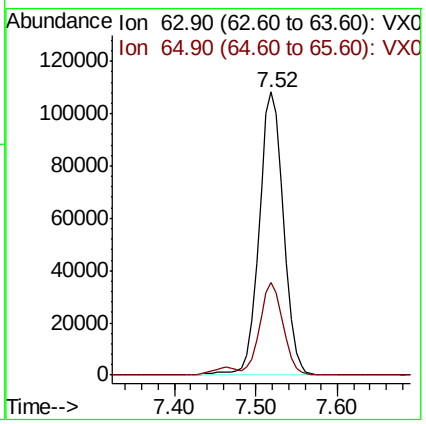




#45
1,2-Dichloropropane
Concen: 48.41 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 63 Resp: 225144

Ion	Ratio	Lower	Upper
63	100		
65	32.6	24.6	36.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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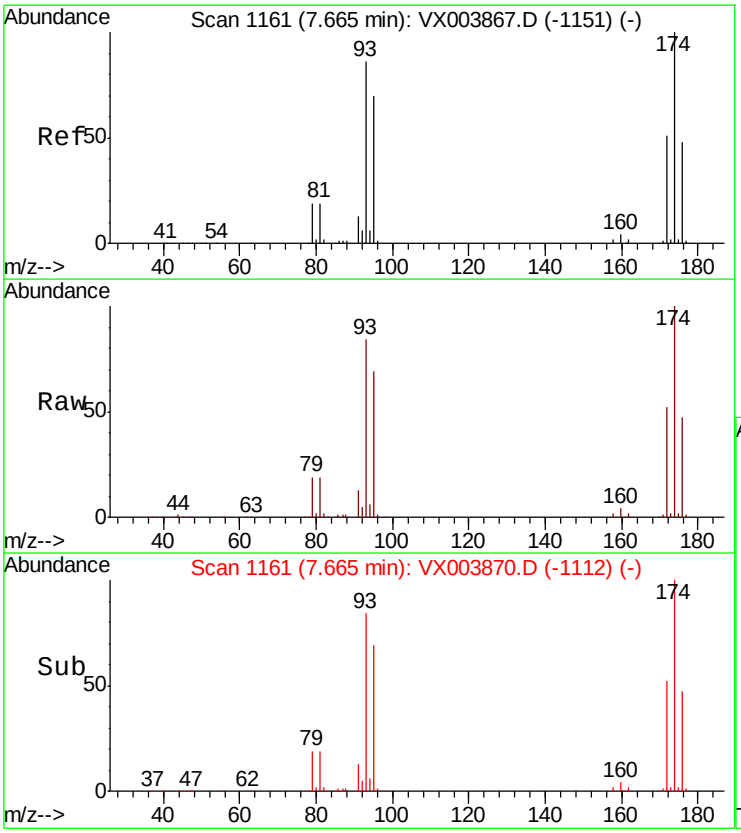
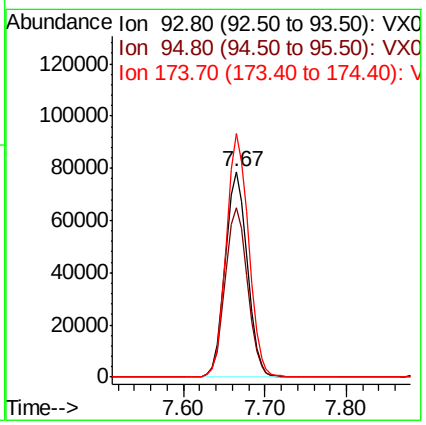
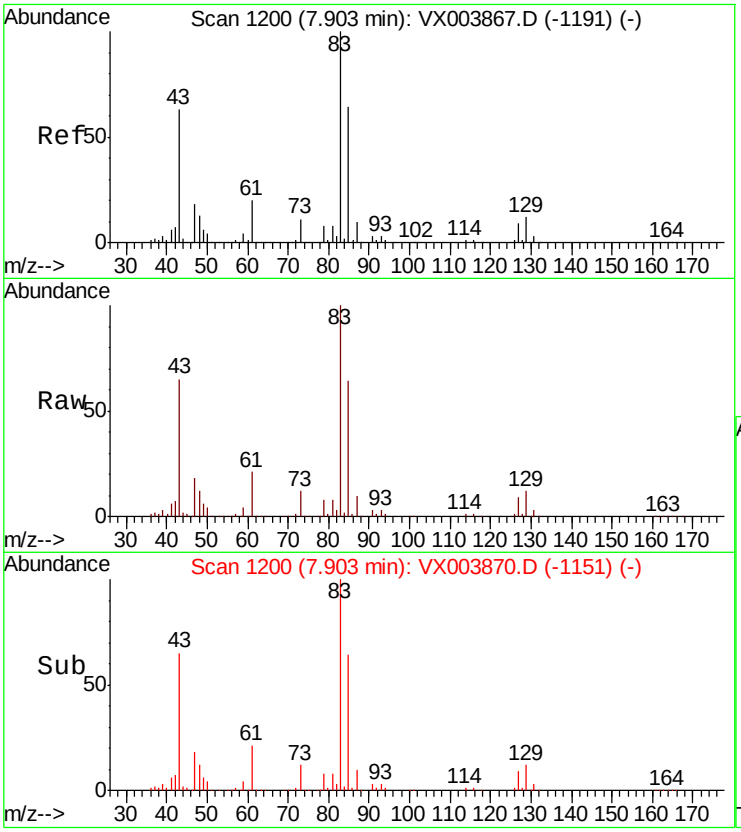


#46
Dibromomethane
Concen: 48.48 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 93 Resp: 146392

Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.4	99.6
174	119.0	94.3	141.5

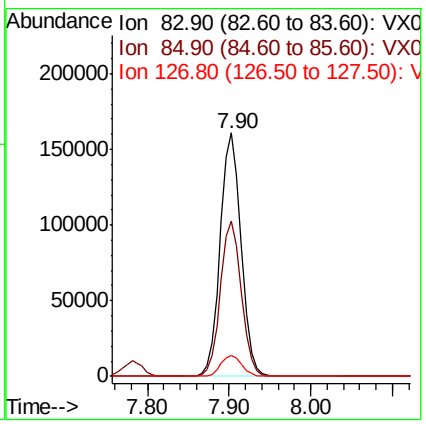




#47
Bromodichloromethane
Concen: 49.97 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 83 Resp: 284228

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	8.8	7.2	10.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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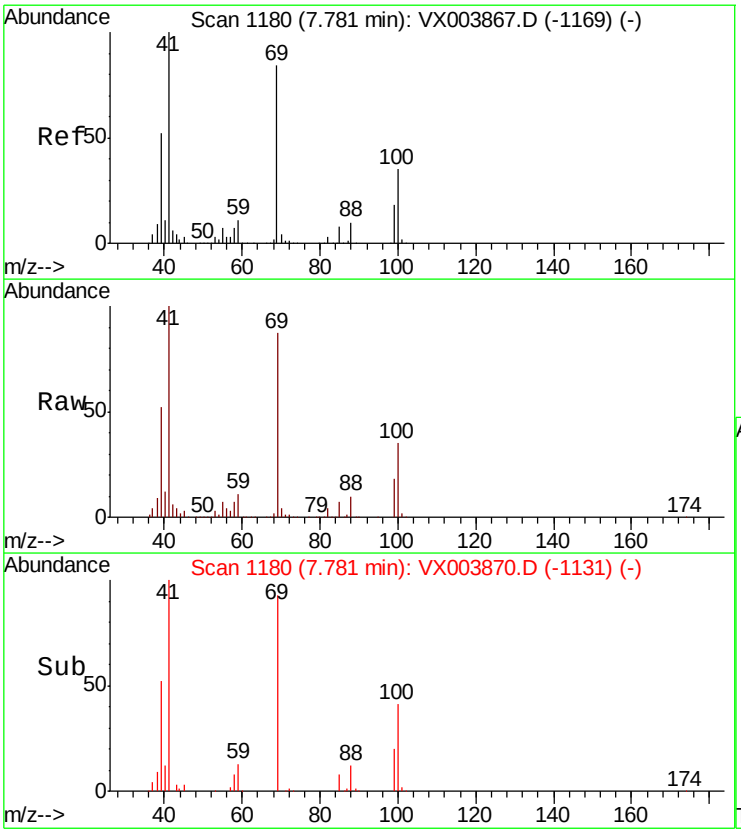
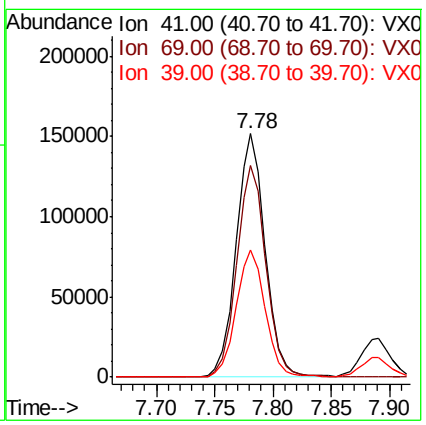
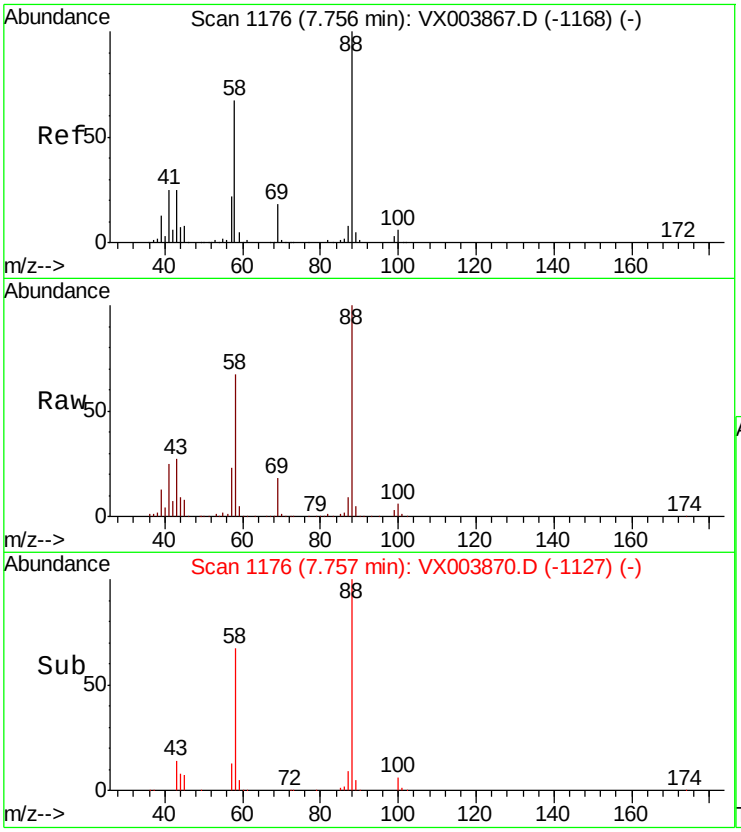


#48
Methyl methacrylate
Concen: 52.07 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 41 Resp: 262787

Ion	Ratio	Lower	Upper
41	100		
69	87.6	68.8	103.2
39	52.6	42.3	63.5

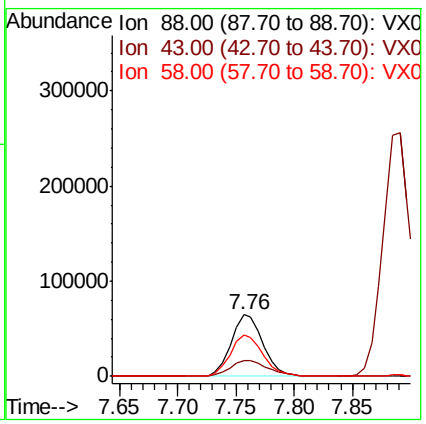




#49
1,4-Dioxane
Concen: 1040.71 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 88 Resp: 123729

Ion	Ratio	Lower	Upper
88	100		
43	29.9	23.8	35.8
58	68.8	55.4	83.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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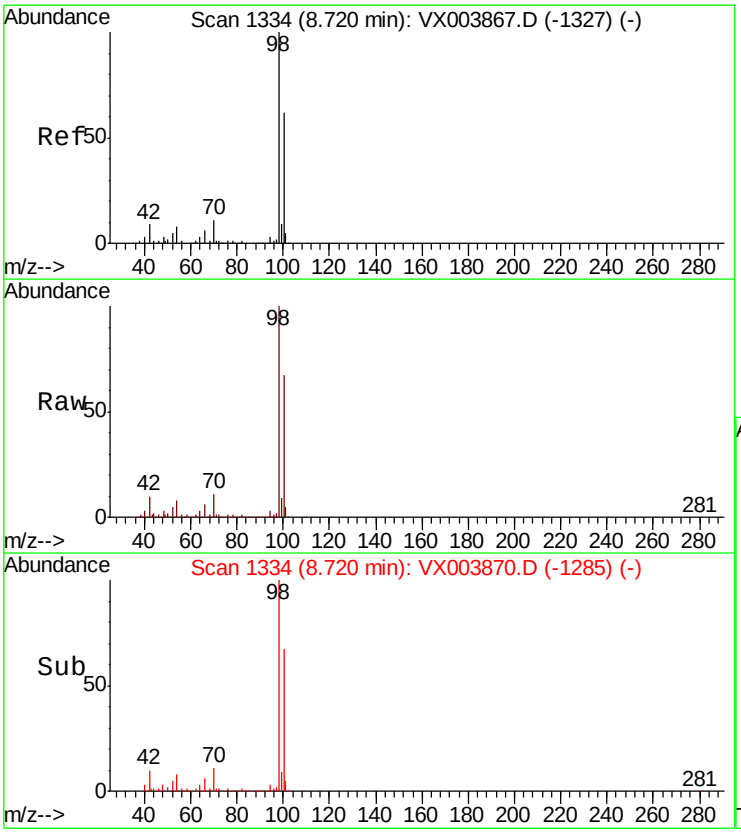
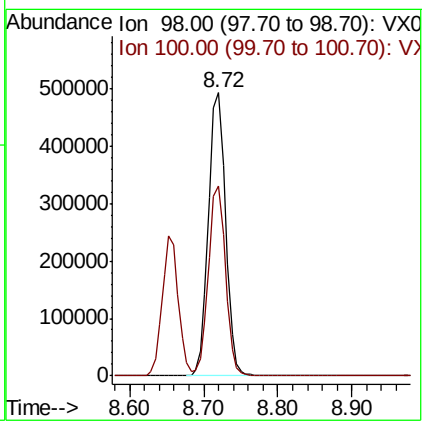
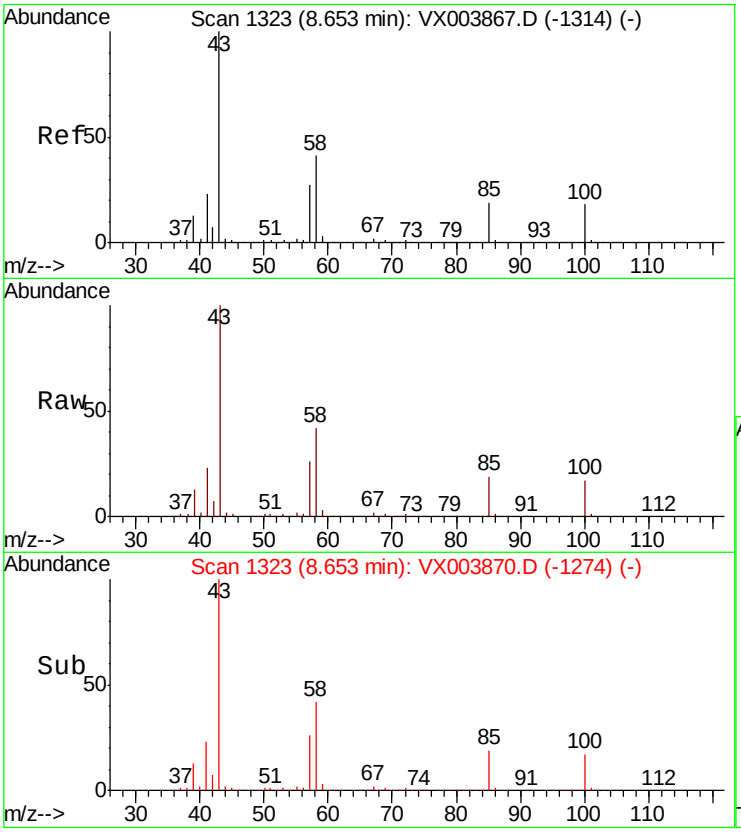


#50
Toluene-d8
Concen: 49.56 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 98 Resp: 781933

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.3	79.9

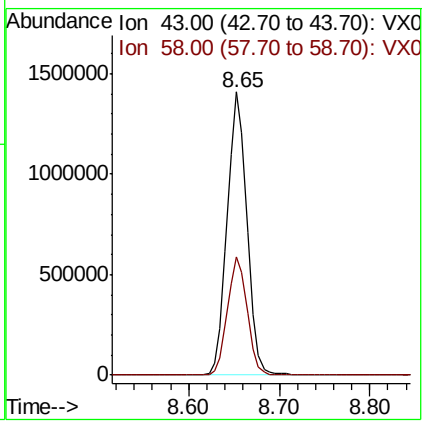




#51
4-Methyl-2-Pentanone
Concen: 259.07 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 2131985

Ion	Ratio	Lower	Upper
43	100		
58	41.6	33.0	49.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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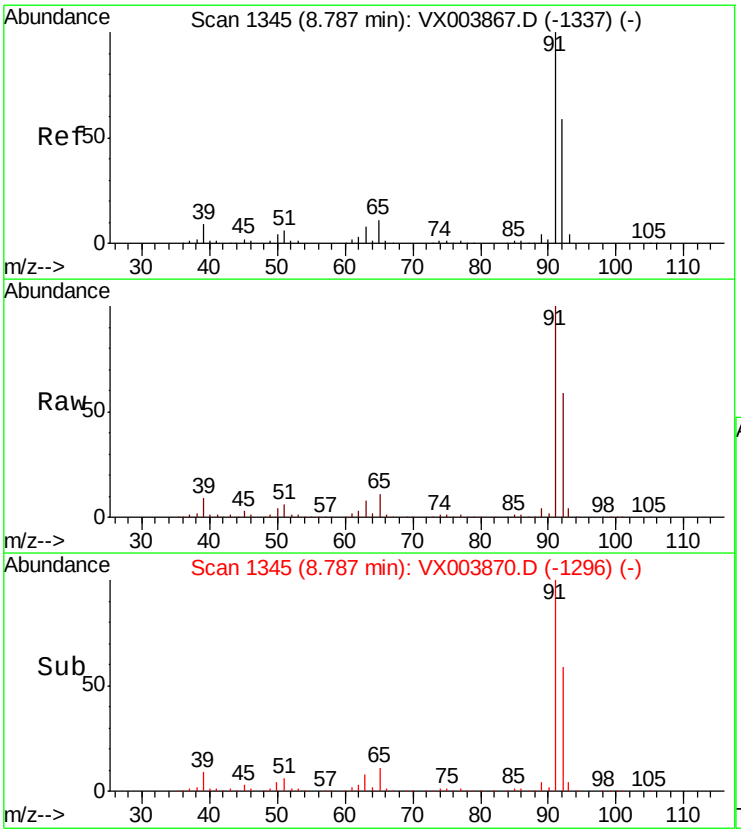
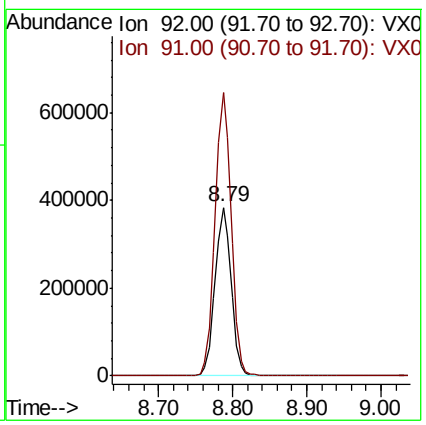
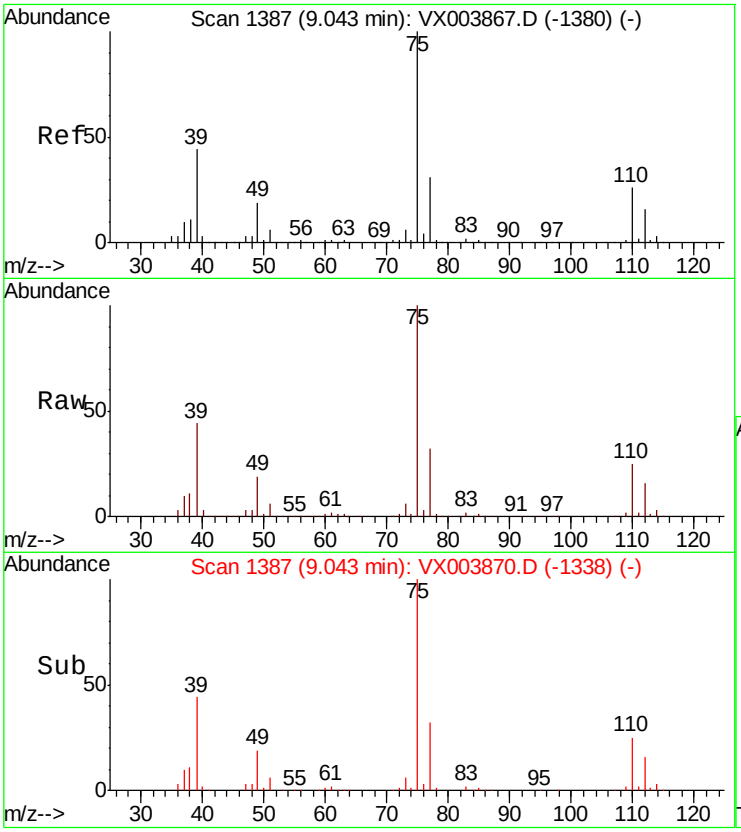


#52
Toluene
Concen: 50.09 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 92 Resp: 569981

Ion	Ratio	Lower	Upper
92	100		
91	168.7	136.1	204.1

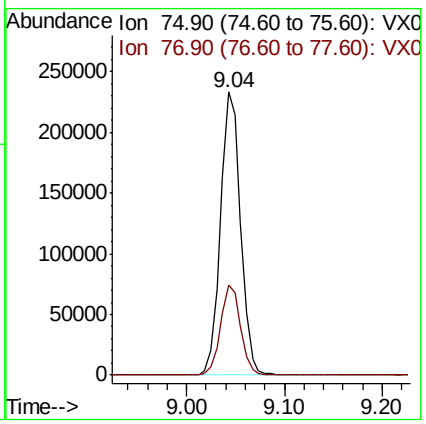




#53
t-1,3-Dichloropropene
Concen: 51.58 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 75 Resp: 331649

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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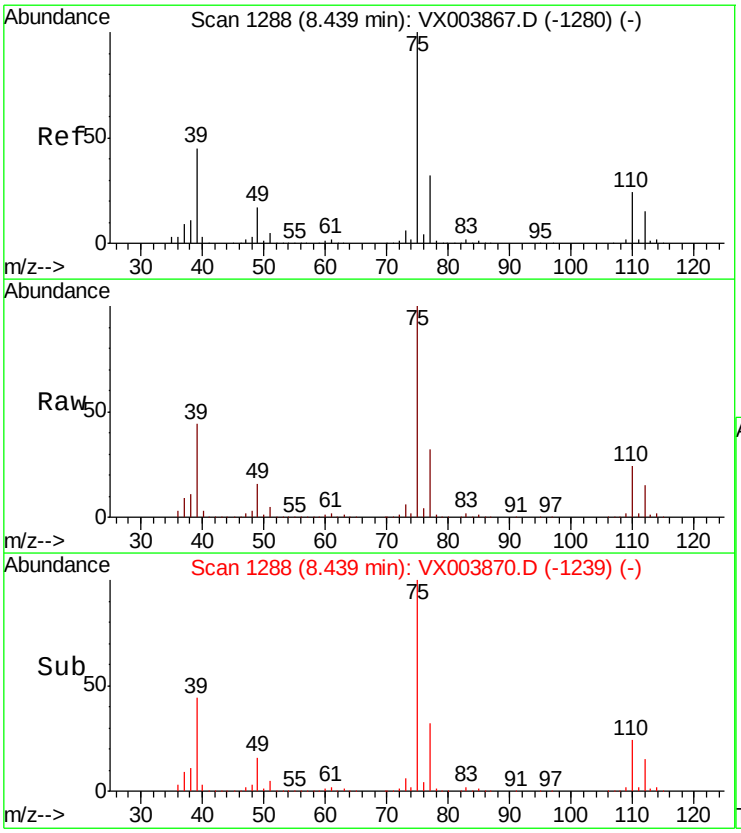
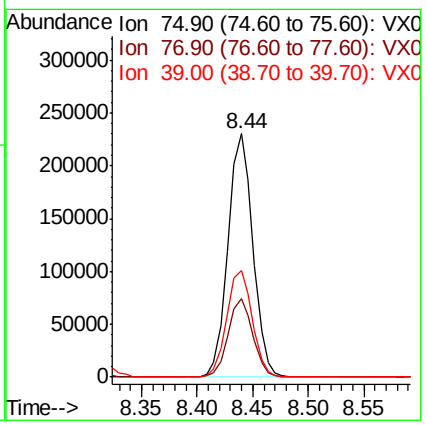
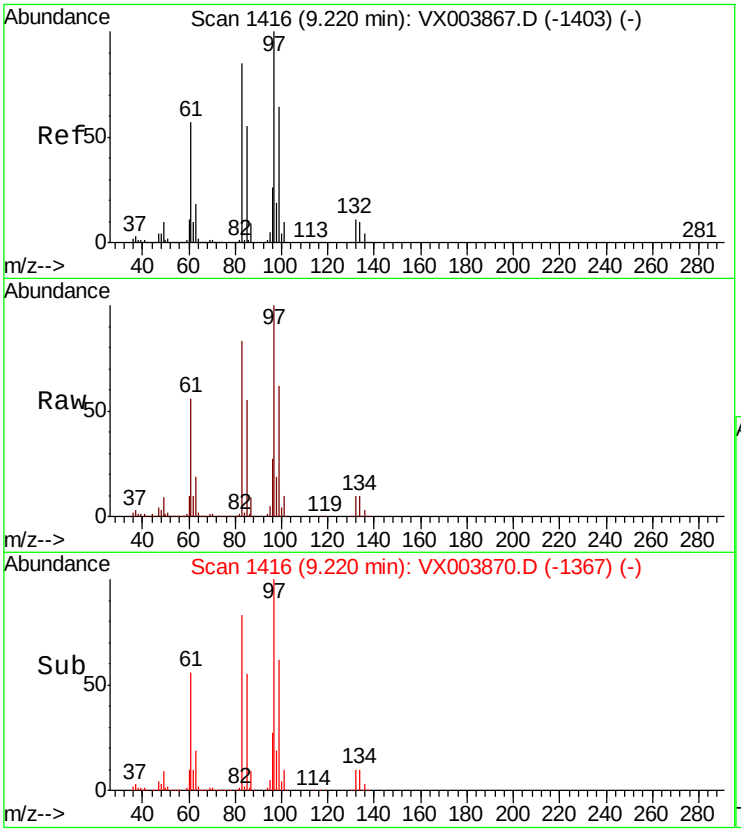


#54
cis-1,3-Dichloropropene
Concen: 51.57 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 75 Resp: 357480

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	43.8	36.2	54.2

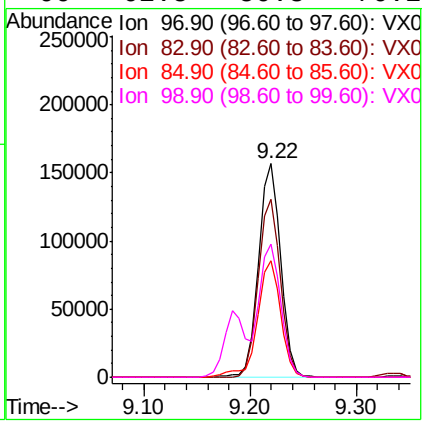




#55
1,1,2-Trichloroethane
Concen: 49.29 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 97 Resp: 229209

Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.8	101.6
85	54.8	44.2	66.2
99	62.5	50.8	76.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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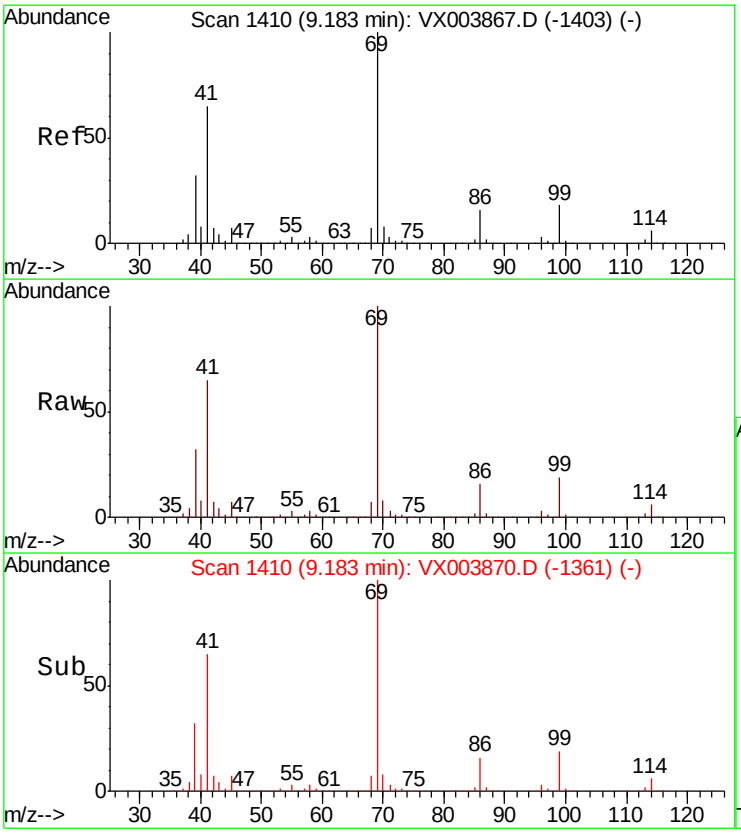
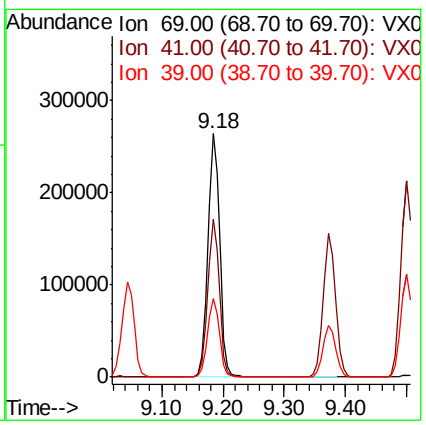
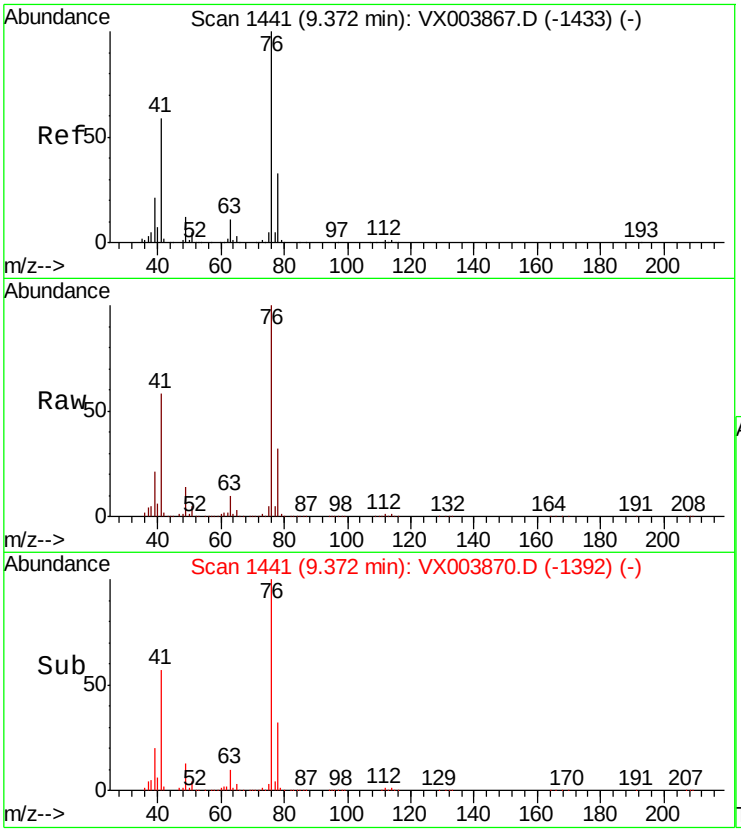


#56
Ethyl methacrylate
Concen: 52.68 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 69 Resp: 355389

Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.6	76.0
39	32.1	25.8	38.6





#57
1,3-Dichloropropane
Concen: 50.05 ug/l
RT: 9.37 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 76 Resp: 389479

Ion	Ratio	Lower	Upper
76	100		
78	31.3	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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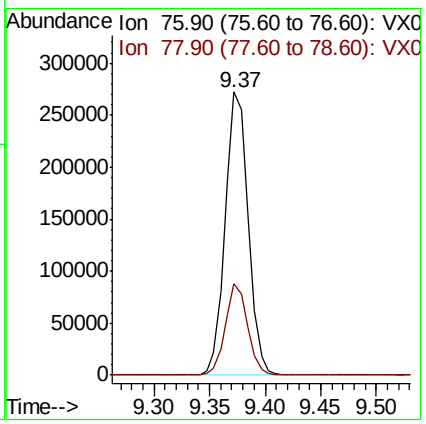
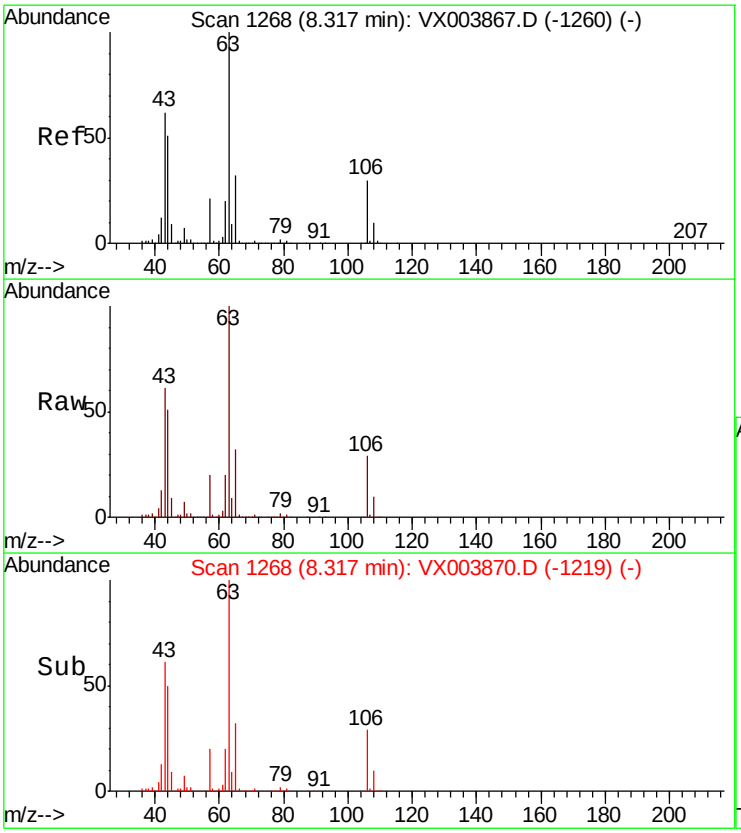
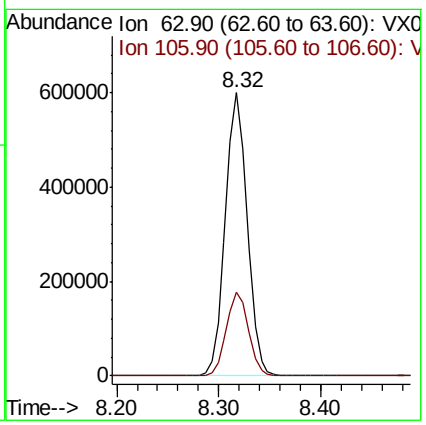


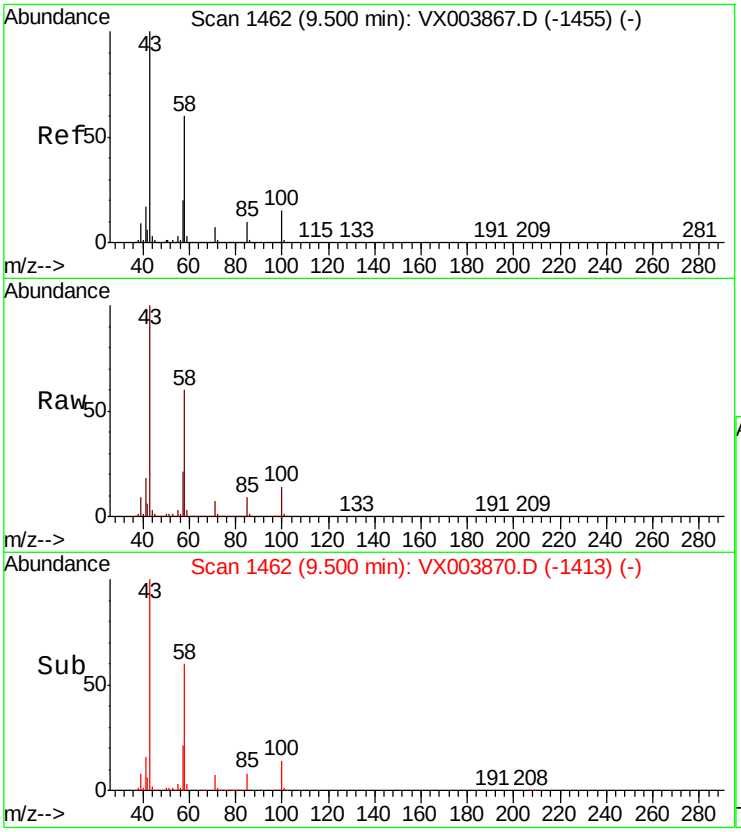


#58
2-Chloroethyl Vinyl ether
Concen: 267.60 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 63 Resp: 887787

Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.8





#59
2-Hexanone
Concen: 259.99 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 1599305

Ion	Ratio	Lower	Upper
43	100		
58	58.2	29.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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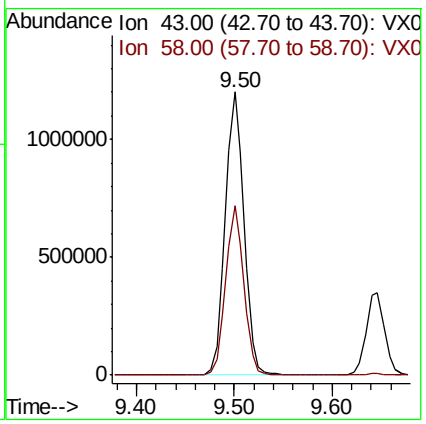
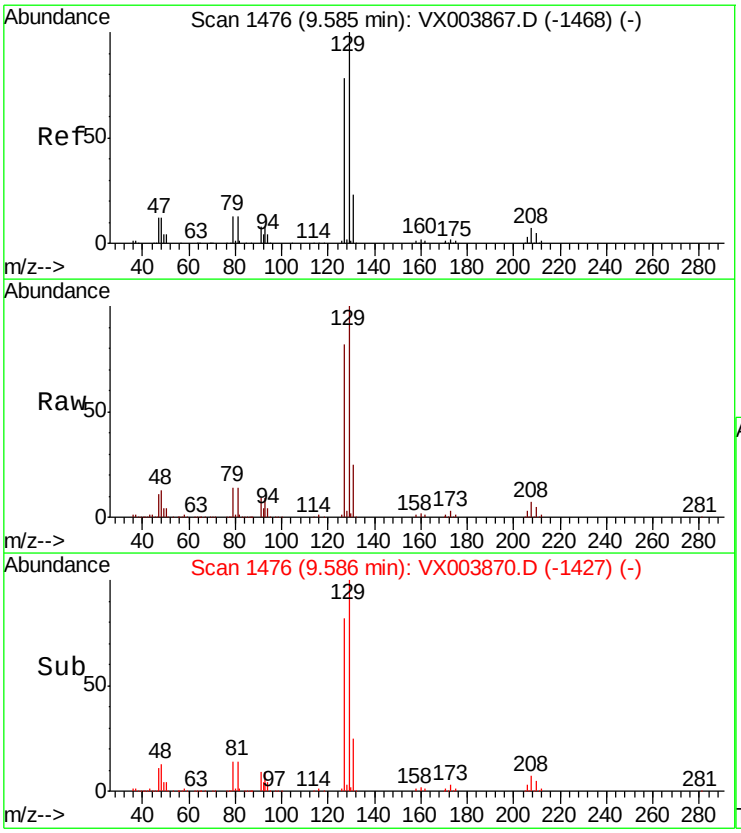
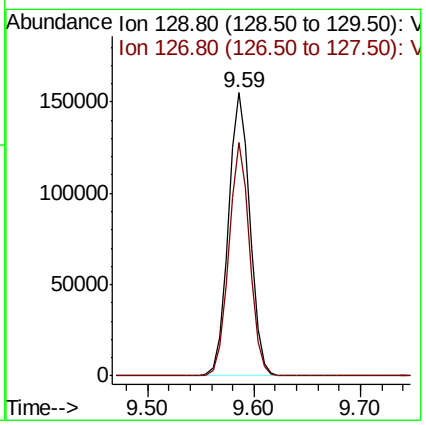


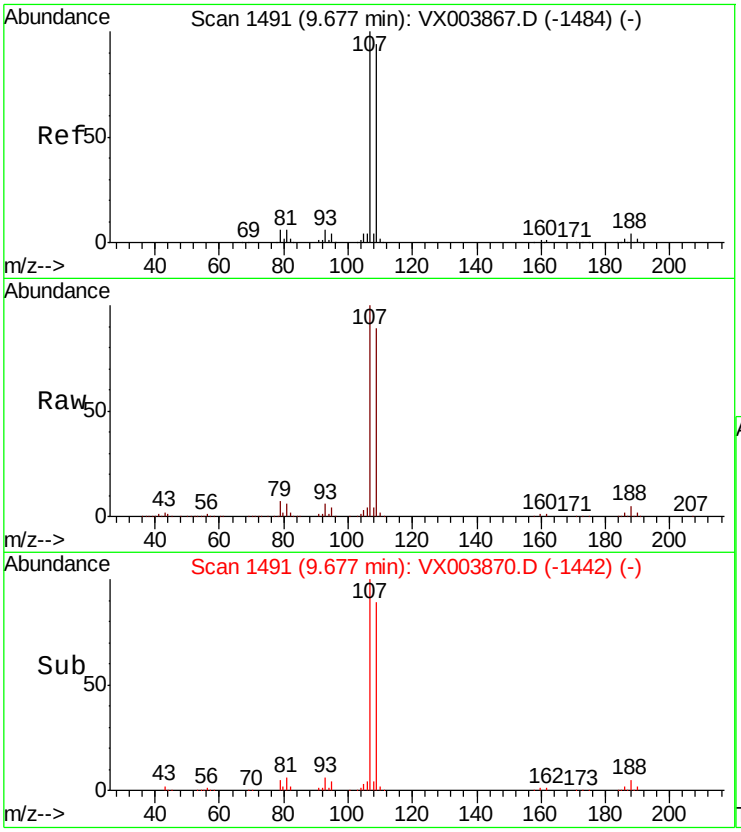


#60
Dibromochloromethane
Concen: 50.79 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:129 Resp: 220206

Ion	Ratio	Lower	Upper
129	100		
127	79.5	38.8	116.3





#61
1,2-Dibromoethane
Concen: 50.92 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:107 Resp: 237055

Ion	Ratio	Lower	Upper
107	100		
109	91.1	75.8	113.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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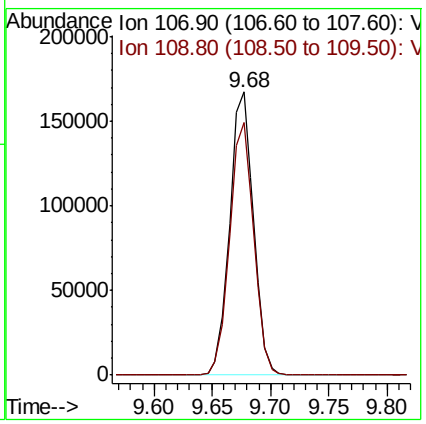
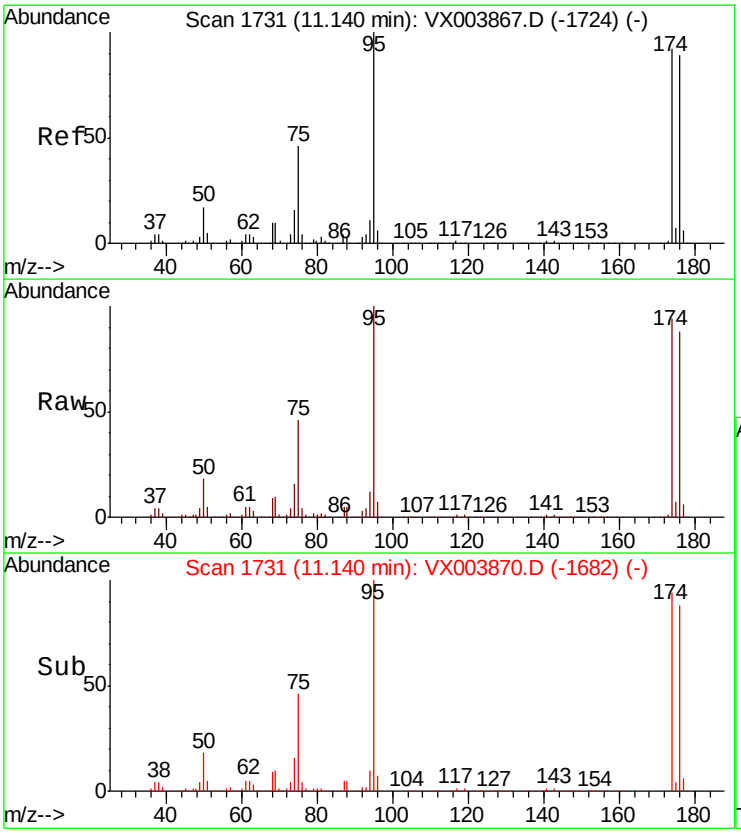
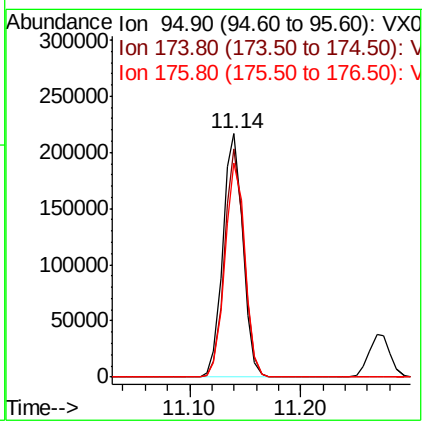


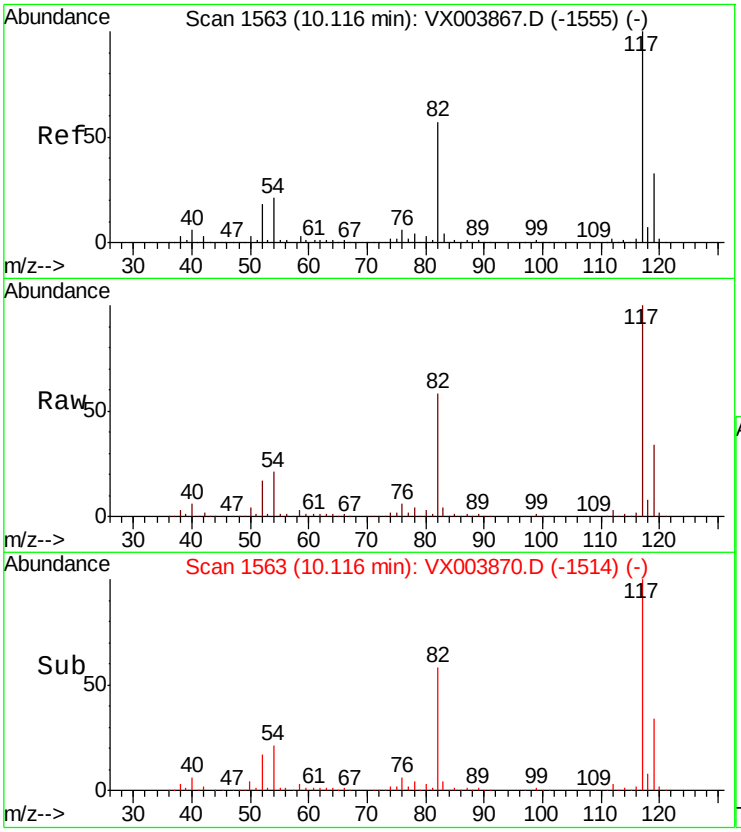


#62
4-Bromofluorobenzene
Concen: 52.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 95 Resp: 269127

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	182.8
176	88.6	0.0	179.0

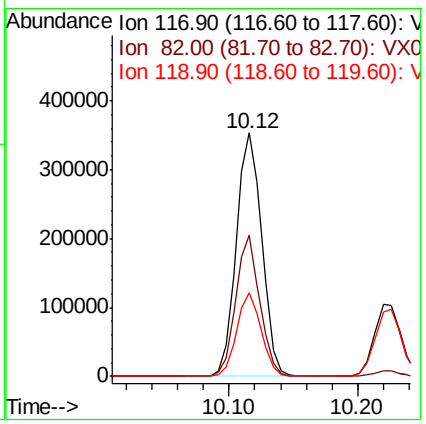




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:117 Resp: 483212

Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.4	68.0
119	34.4	26.6	40.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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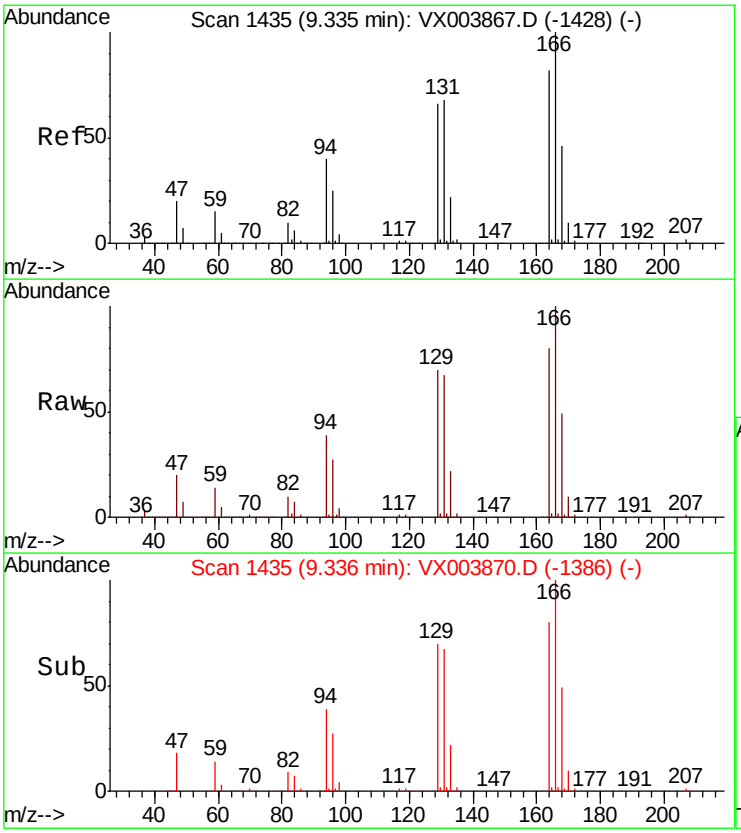
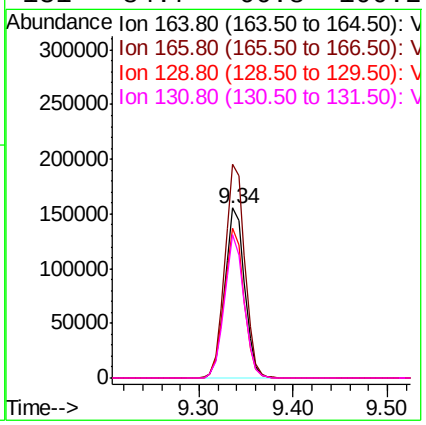
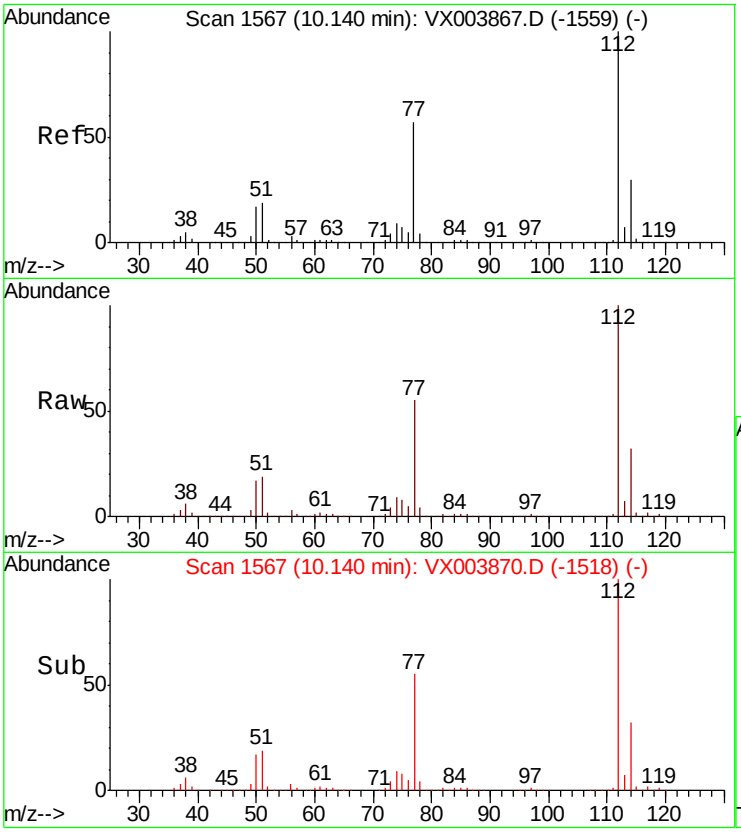


#64
Tetrachloroethene
Concen: 47.53 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:164 Resp: 225916

Ion	Ratio	Lower	Upper
164	100		
166	125.7	98.0	147.0
129	88.1	64.3	96.5
131	84.7	66.8	100.2





#65
Chlorobenzene
Concen: 48.14 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:112 Resp: 605280

Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.6	35.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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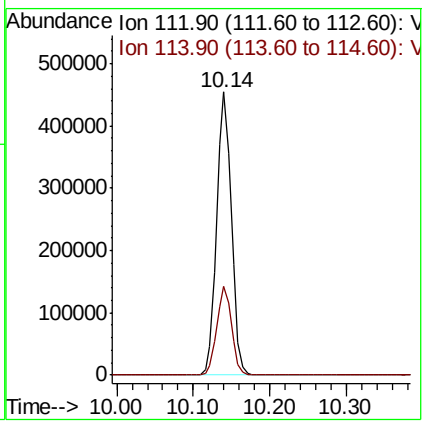
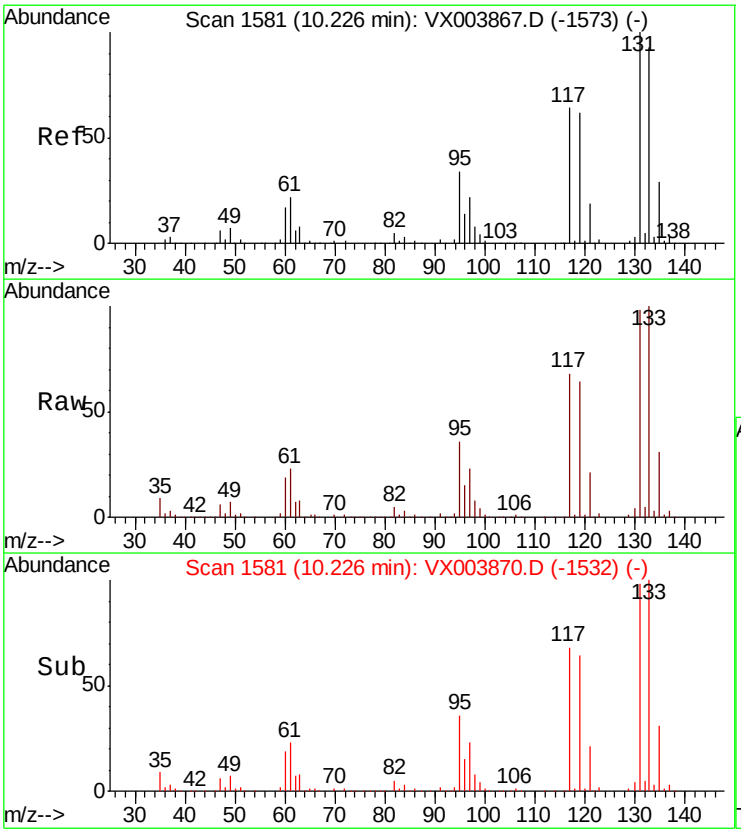
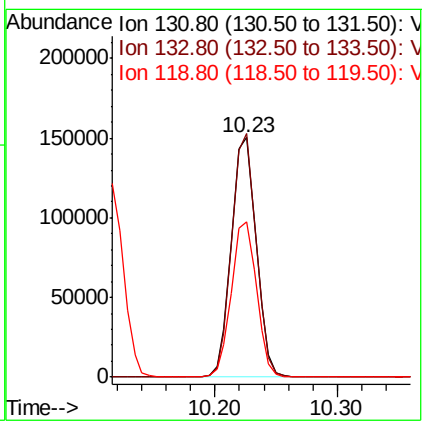


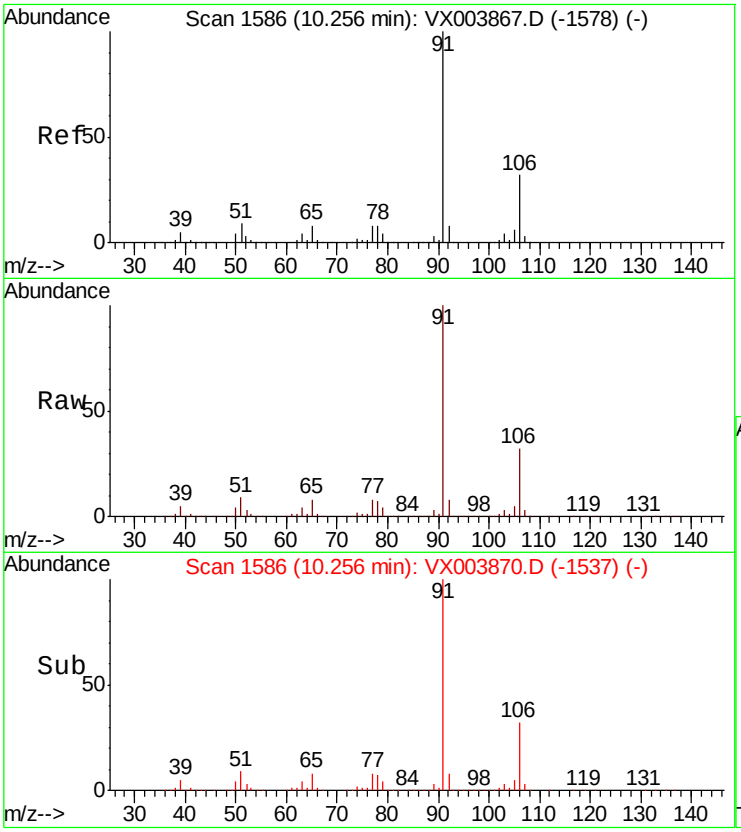


#66
1,1,1,2-Tetrachloroethane
Concen: 48.72 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:131 Resp: 210571

Ion	Ratio	Lower	Upper
131	100		
133	99.6	47.3	141.8
119	65.5	31.6	94.8





#67
Ethyl Benzene
Concen: 50.03 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 91 Resp: 1029668

Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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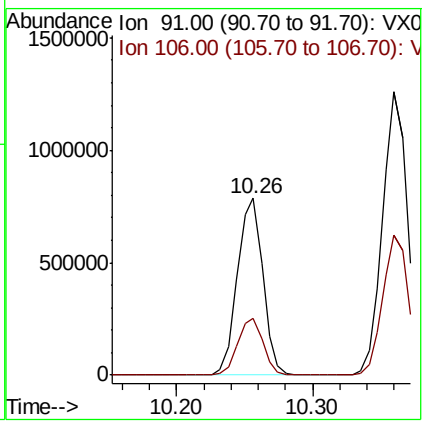
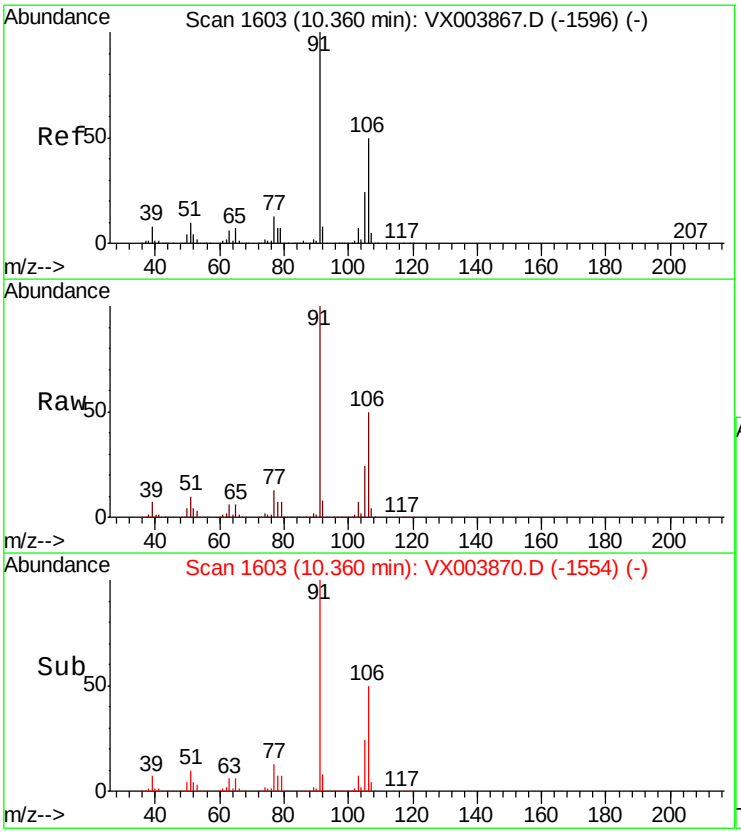
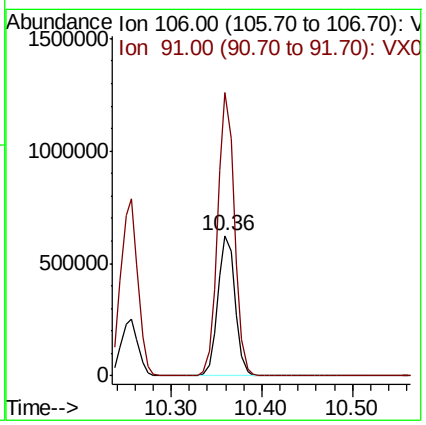


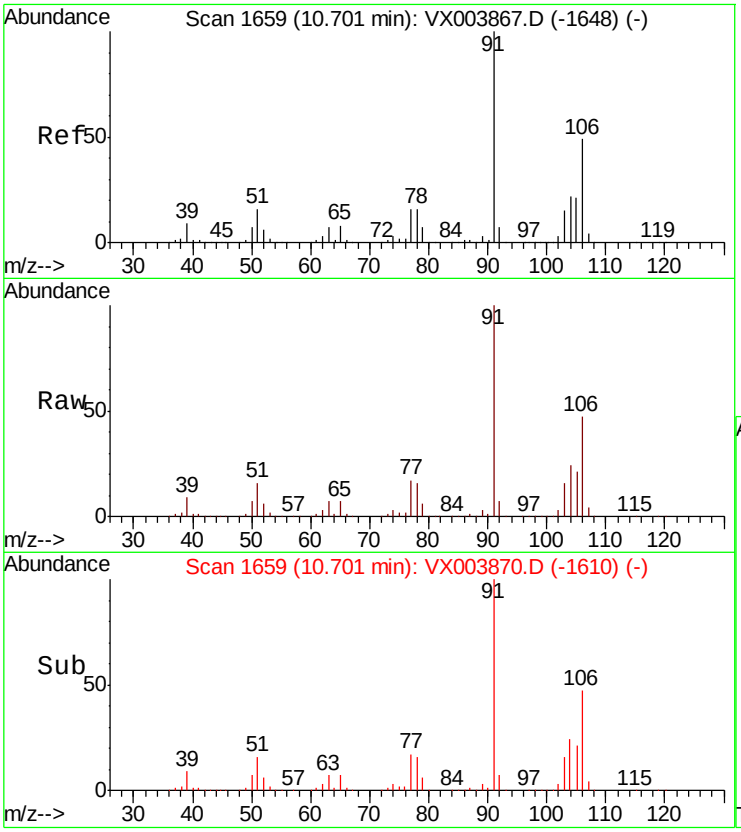


#68
m/p-Xylenes
Concen: 102.71 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:106 Resp: 826024

Ion	Ratio	Lower	Upper
106	100		
91	197.3	162.3	243.5

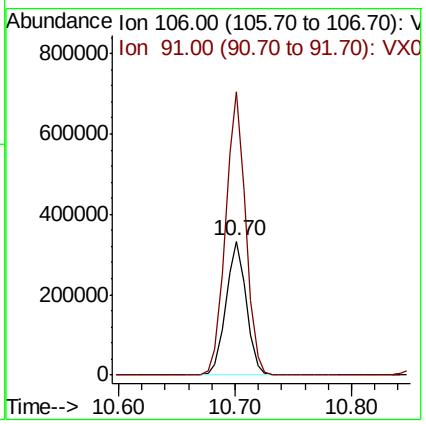




#69
o-Xylene
Concen: 52.95 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:106 Resp: 402018

Ion	Ratio	Lower	Upper
106	100		
91	208.0	101.9	305.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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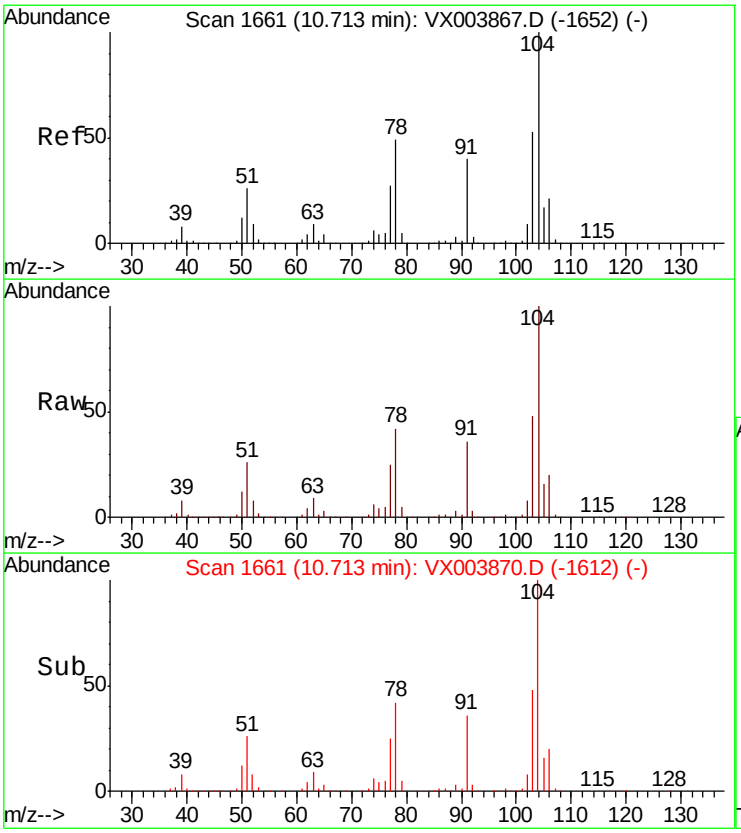
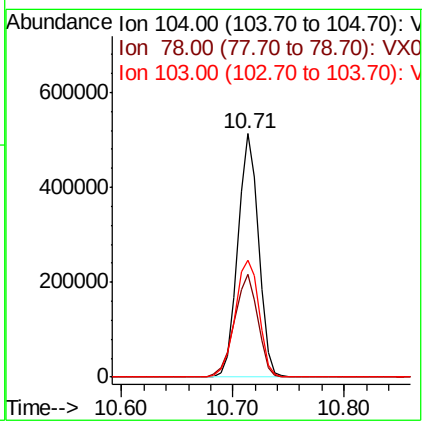
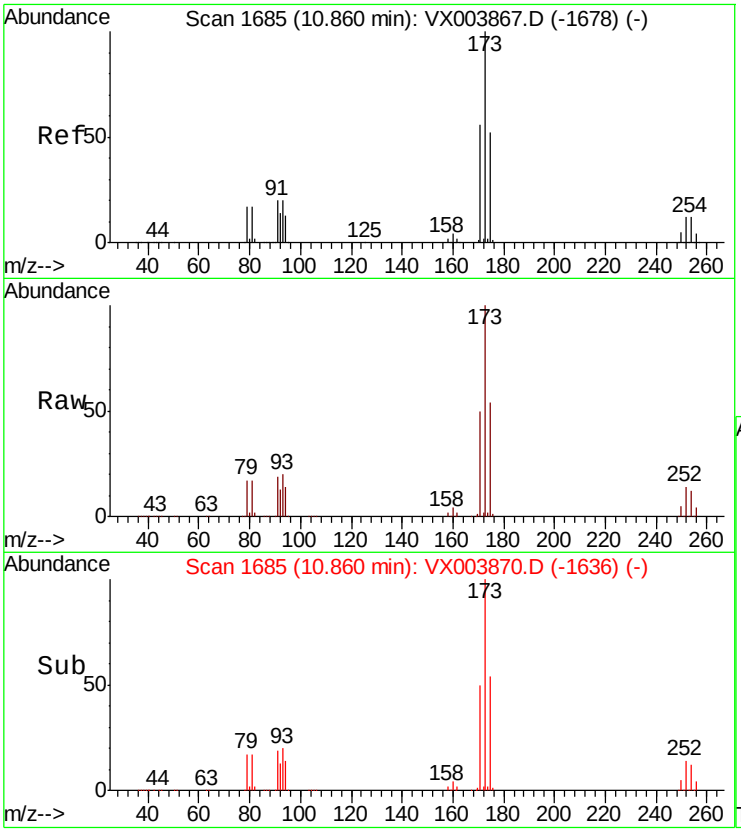


#70
Styrene
Concen: 53.06 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:104 Resp: 659519

Ion	Ratio	Lower	Upper
104	100		
78	47.6	39.8	59.6
103	55.5	44.3	66.5

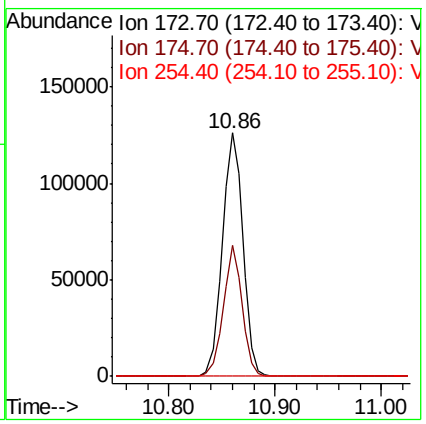




#71
Bromoform
Concen: 46.89 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:173 Resp: 171146

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.7
254	0.2	0.2	0.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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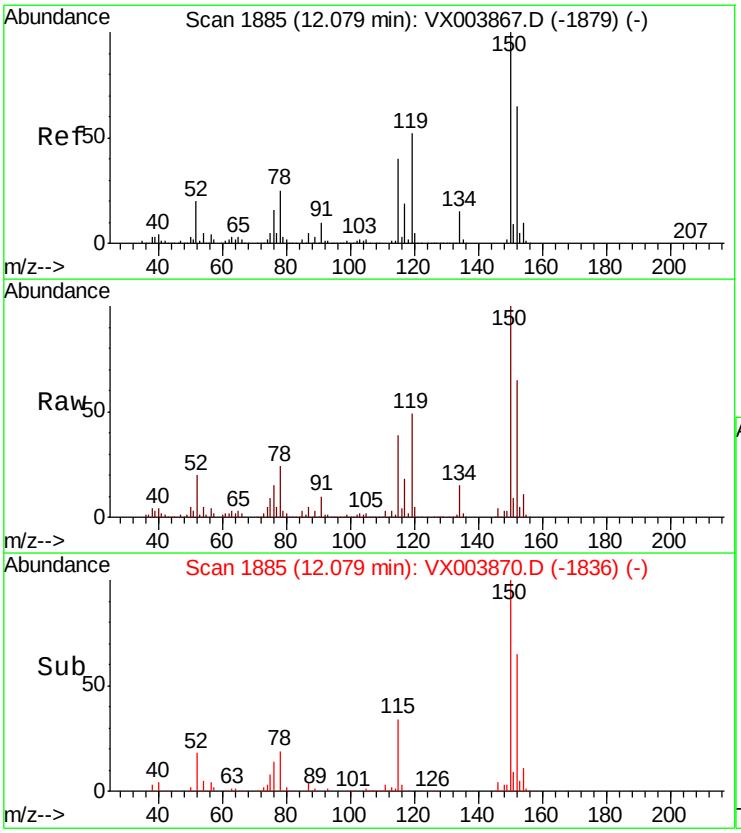
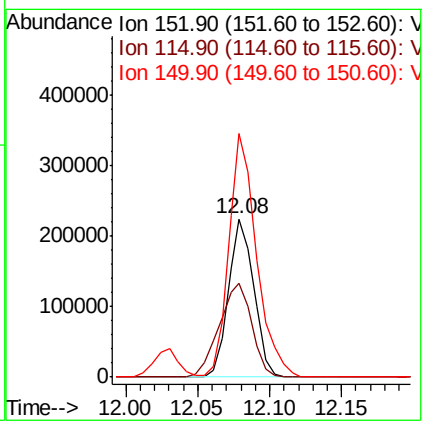
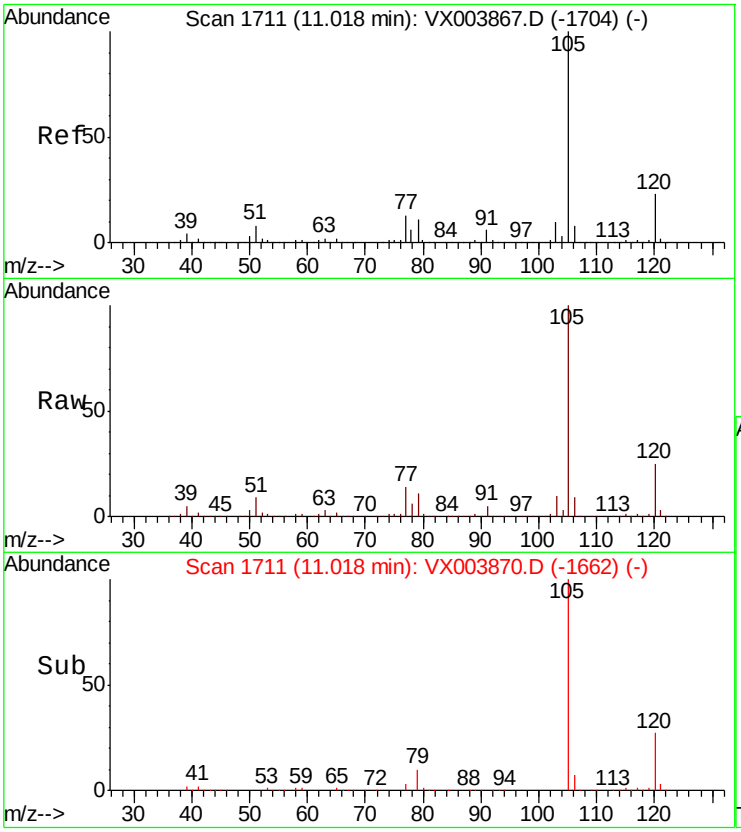


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:152 Resp: 277224

Ion	Ratio	Lower	Upper
152	100		
115	75.5	39.1	117.3
150	168.2	0.0	349.2





#73
Isopropylbenzene
Concen: 51.14 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:105 Resp: 1048707

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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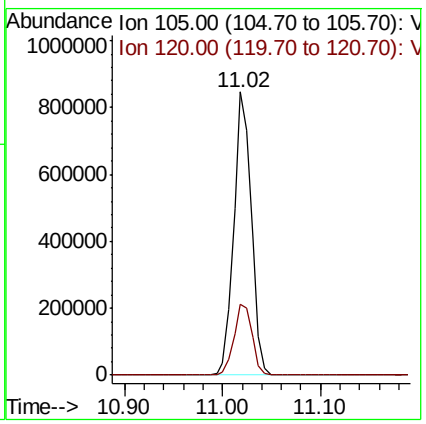
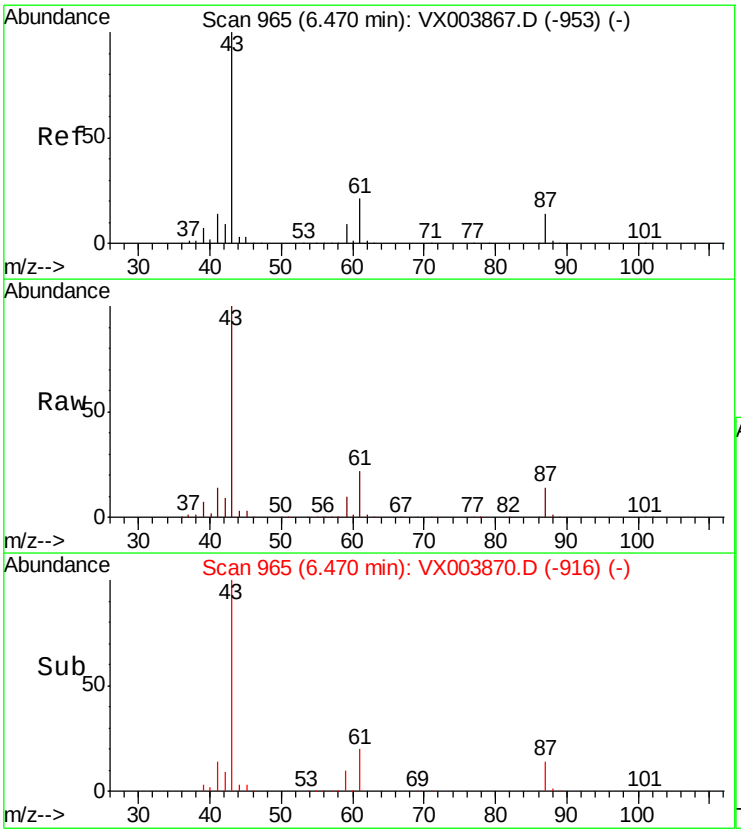
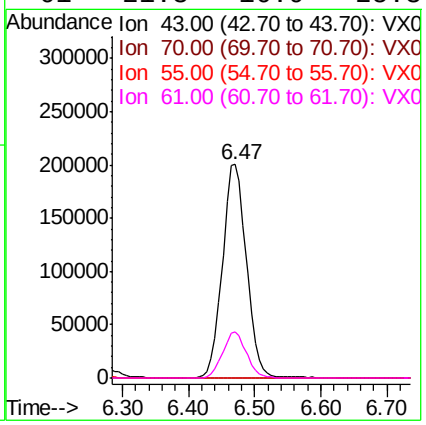


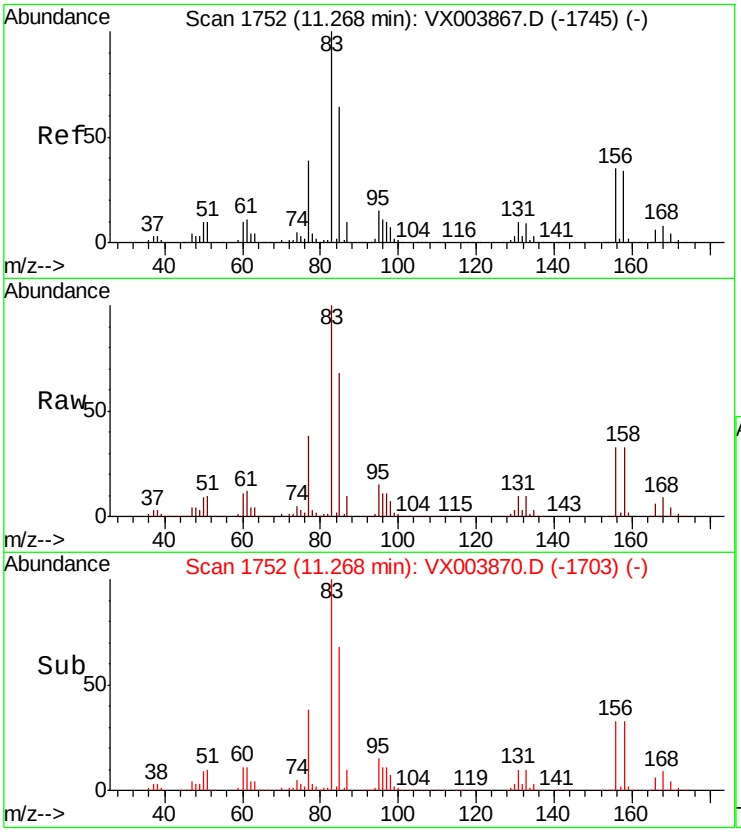


#74
N-amyl acetate
Concen: 47.19 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 503238

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1#
61	21.3	16.9	25.3





#75
1,1,2,2-Tetrachloroethane
Concen: 48.36 ug/l
RT: 11.27 min Scan# 1752
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 83 Resp: 339920

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	65.8	32.2	96.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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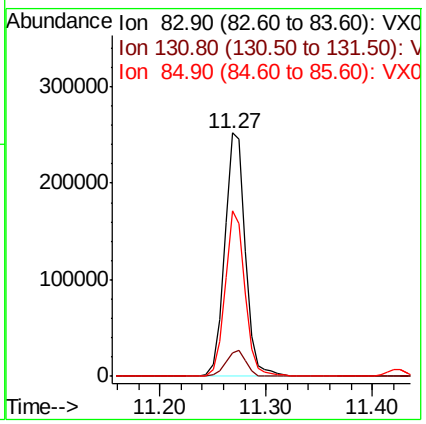
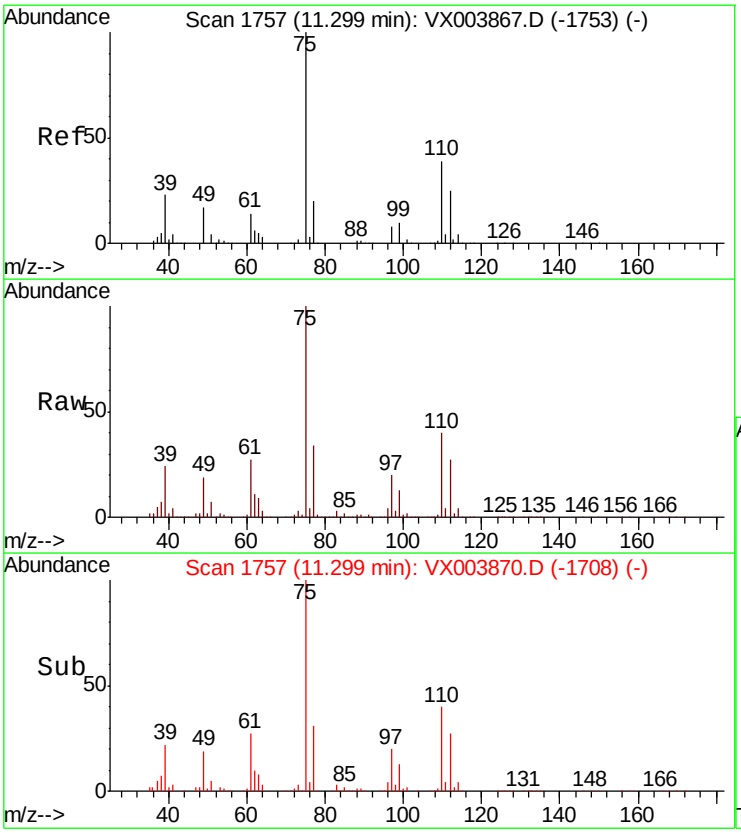
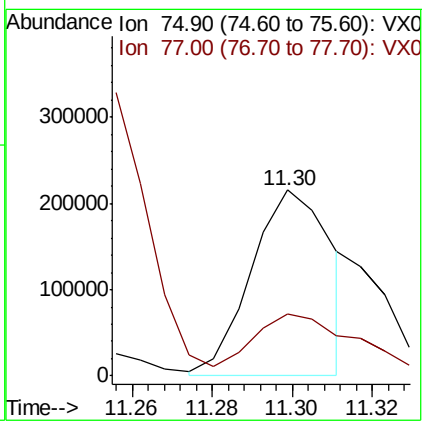


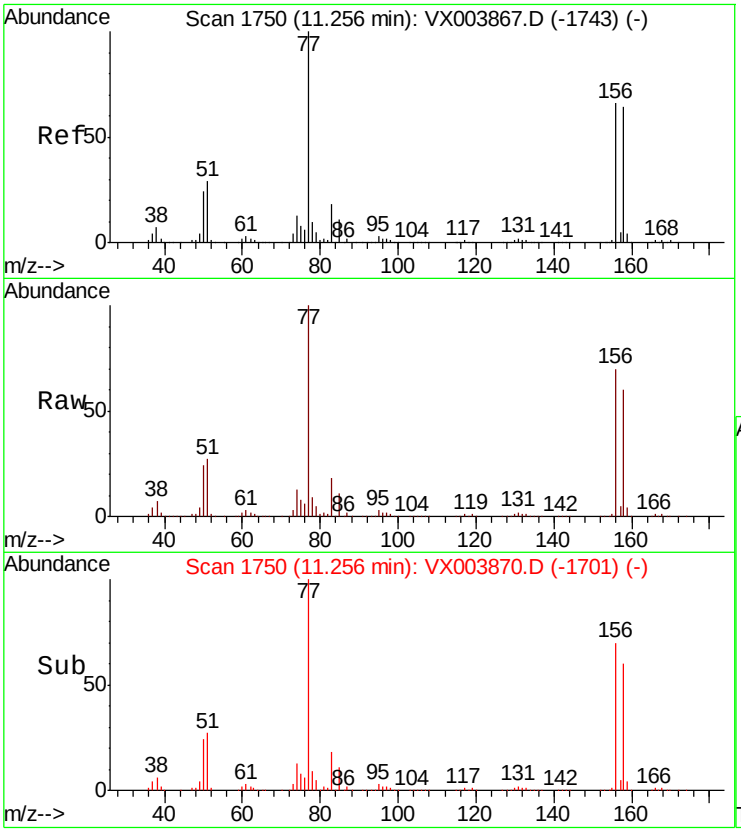


#76
1,2,3-Trichloropropane
Concen: 48.78 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 75 Resp: 298684

Ion	Ratio	Lower	Upper
75	100		
77	43.4	20.8	62.5

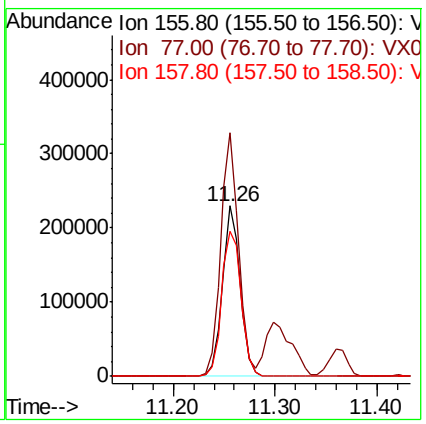




#77
Bromobenzene
Concen: 50.21 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:156 Resp: 274689

Ion	Ratio	Lower	Upper
156	100		
77	145.2	74.1	222.2
158	94.1	48.6	145.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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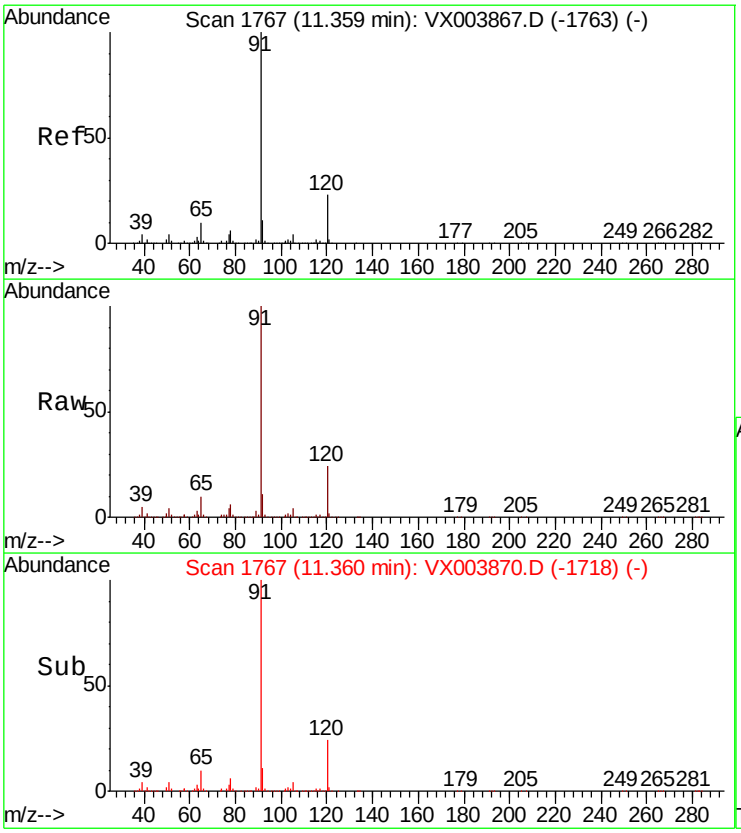
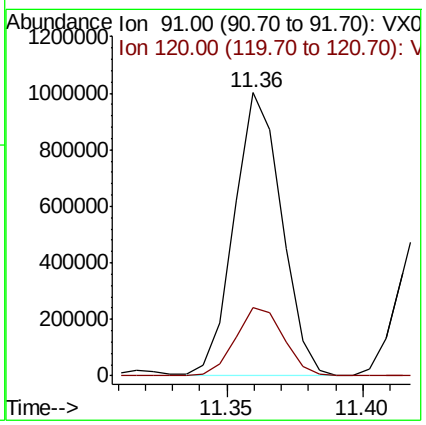
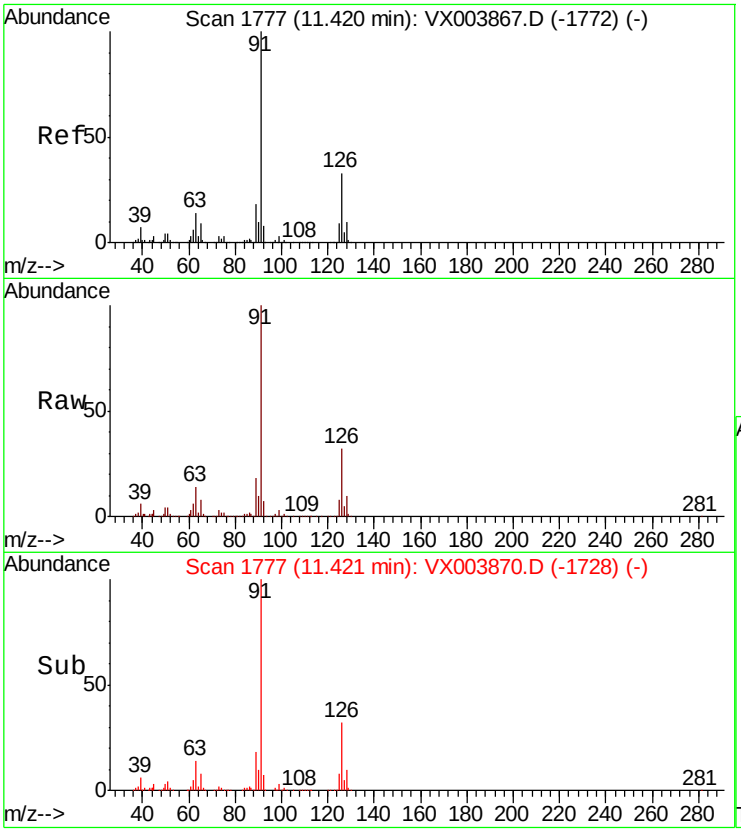


#78
n-propylbenzene
Concen: 52.24 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 91 Resp: 1202993

Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.9	35.5

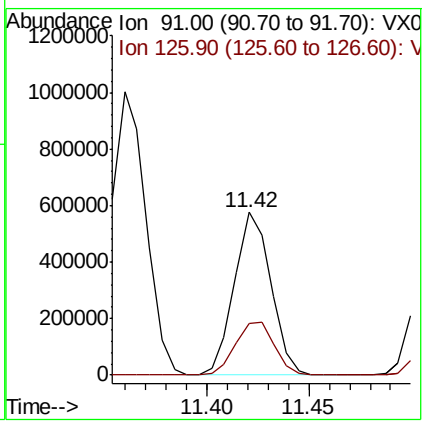




#79
2-Chlorotoluene
Concen: 50.92 ug/l
RT: 11.42 min Scan# 1777
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 91 Resp: 714924

Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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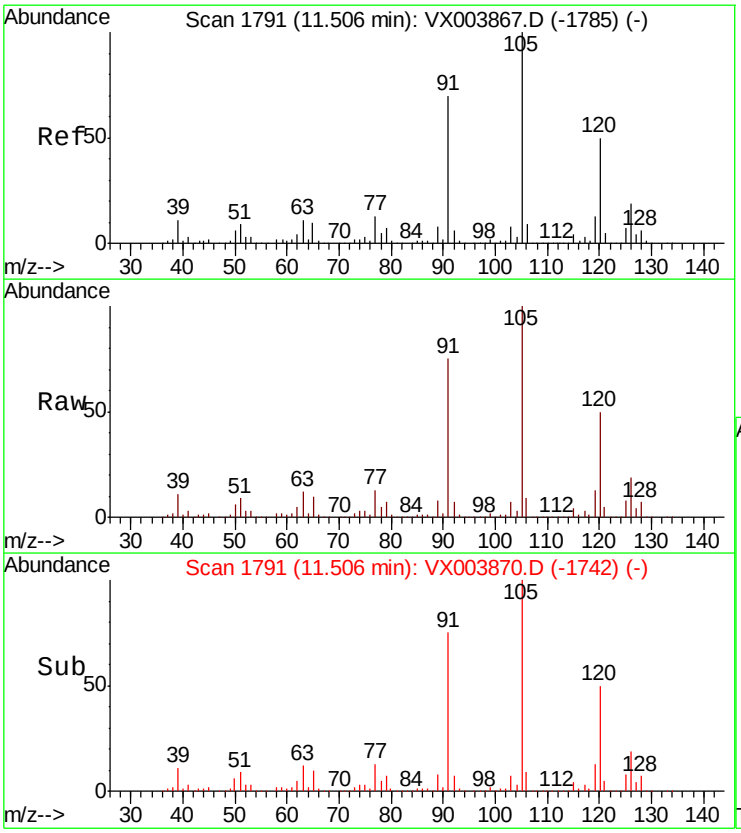
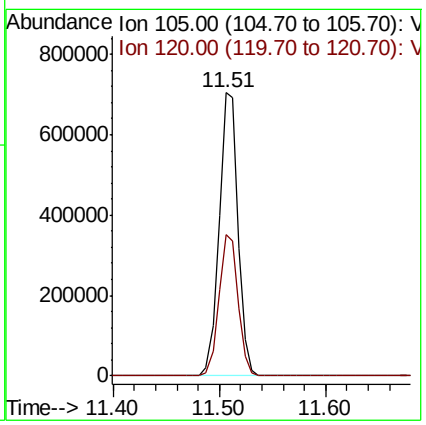
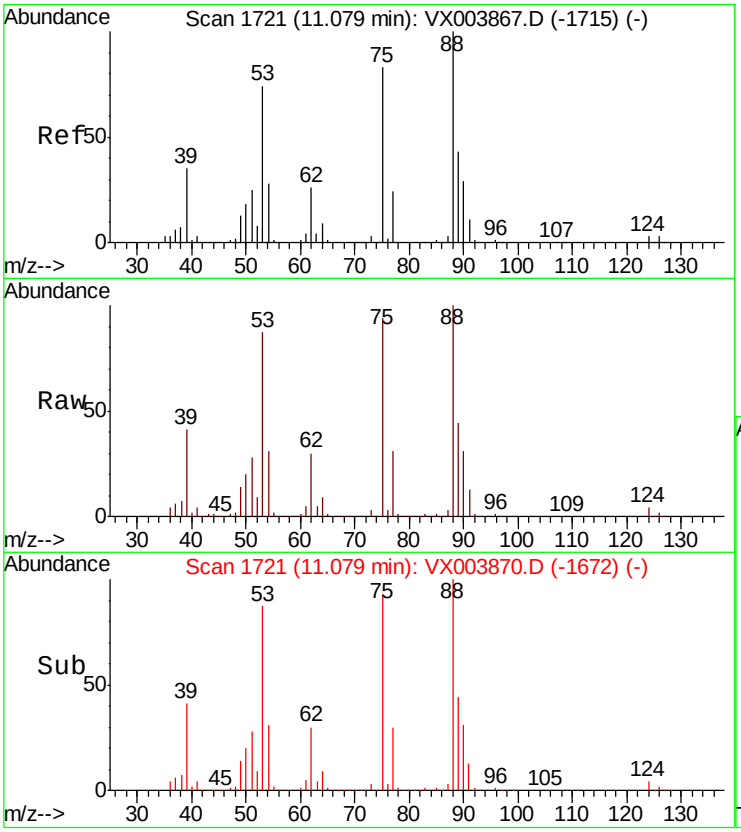


#80
1,3,5-Trimethylbenzene
Concen: 51.90 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:105 Resp: 867915

Ion	Ratio	Lower	Upper
105	100		
120	50.7	25.4	76.2

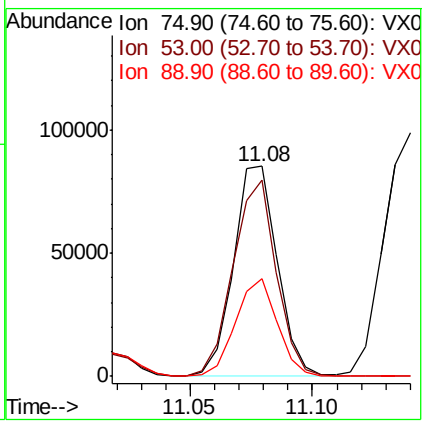




#81
trans-1,4-Dichloro-2-butene
Concen: 47.09 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 75 Resp: 105693

Ion	Ratio	Lower	Upper
75	100		
53	92.1	80.3	120.5
89	44.7	37.8	56.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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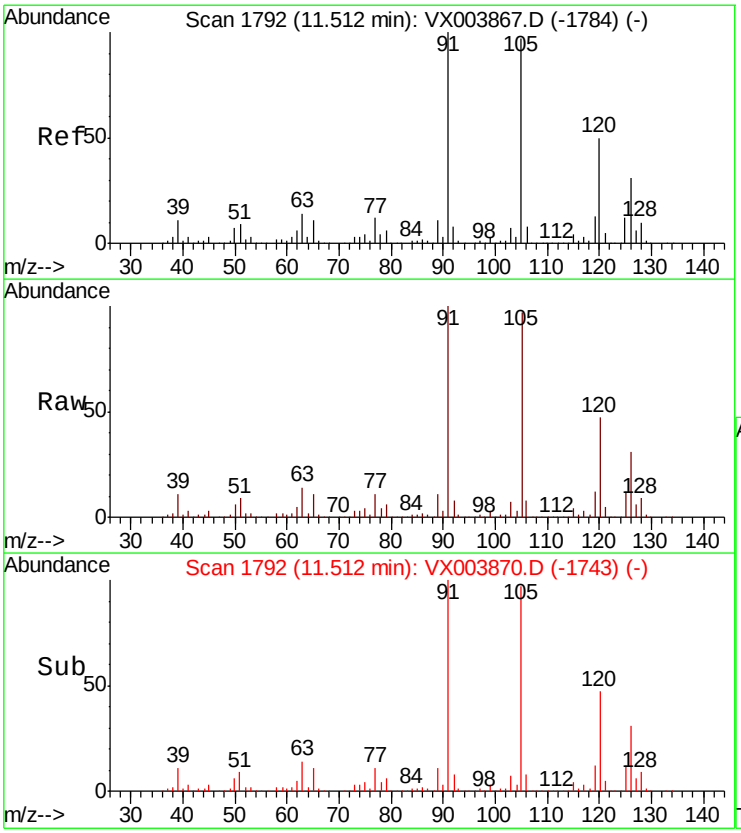
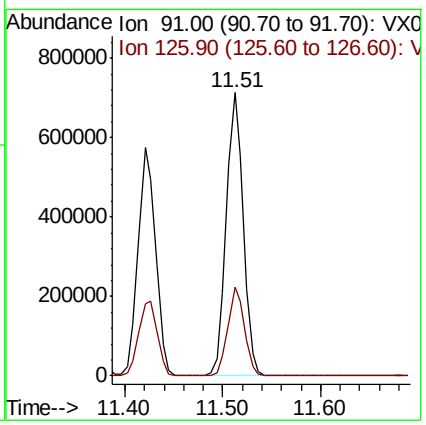
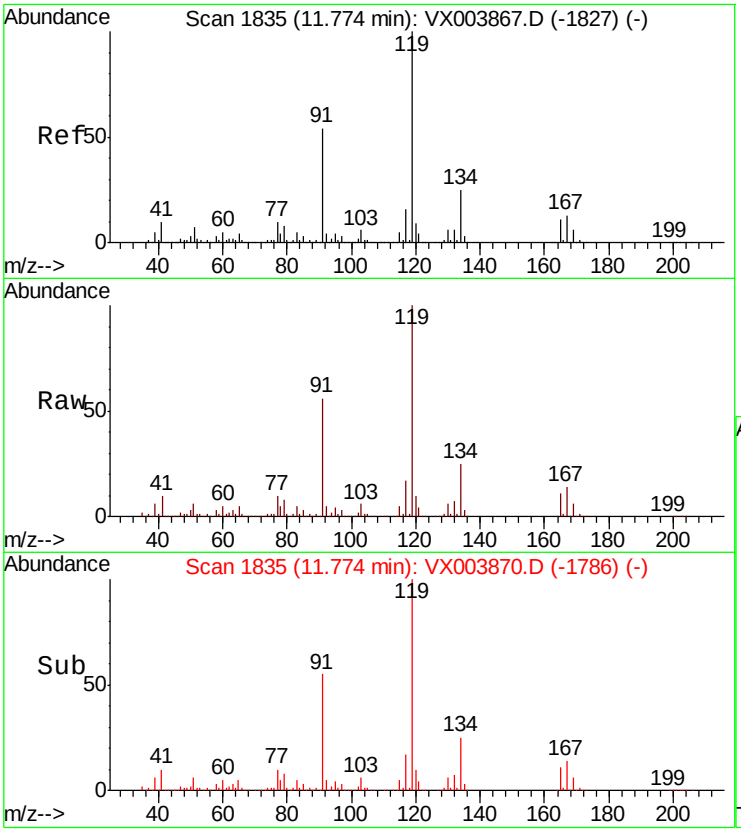


#82
4-Chlorotoluene
Concen: 52.26 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 91 Resp: 859713

Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.7

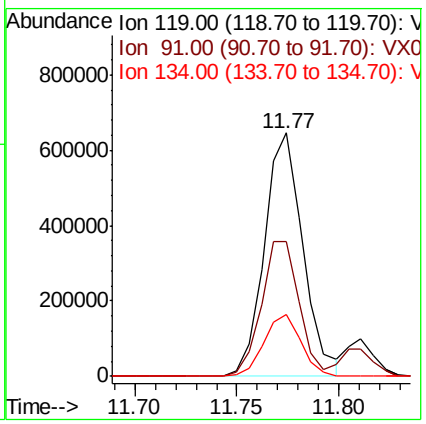




#83
tert-Butylbenzene
Concen: 51.63 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:119 Resp: 849380

Ion	Ratio	Lower	Upper
119	100		
91	54.3	26.9	80.7
134	24.4	12.0	36.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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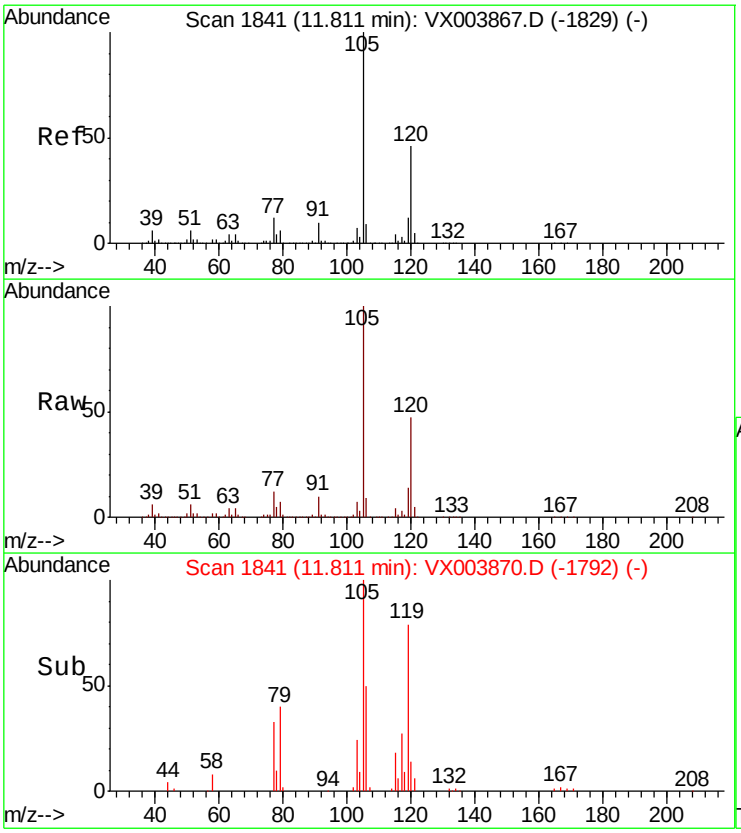
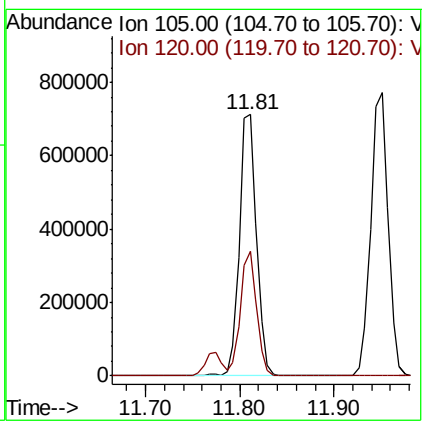
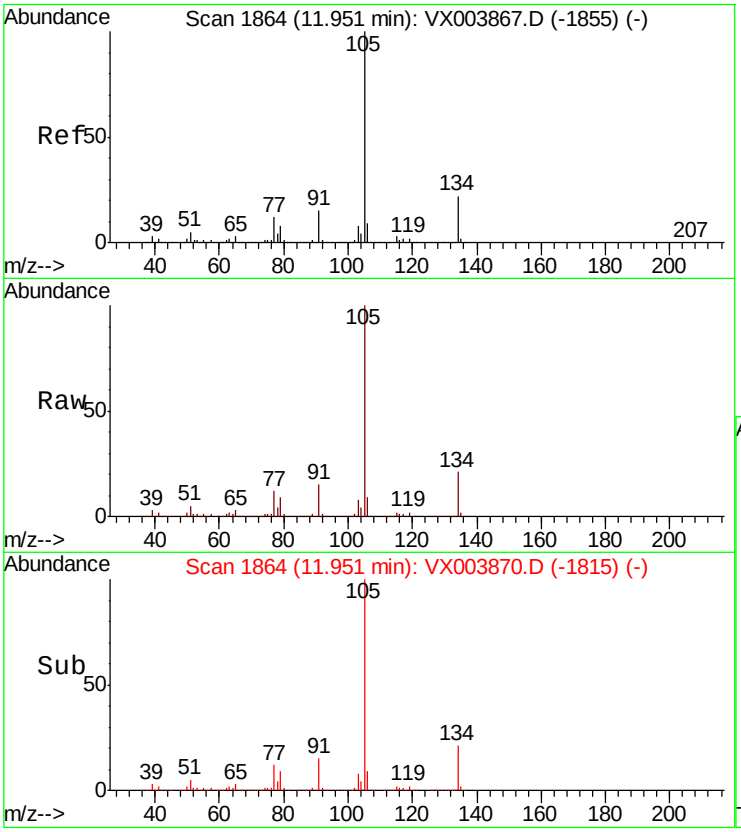


#84
1,2,4-Trimethylbenzene
Concen: 53.22 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:105 Resp: 894804

Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.1	69.2





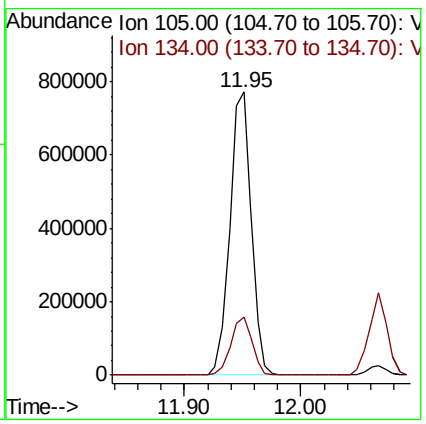
#85
sec-Butylbenzene
Concen: 50.66 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

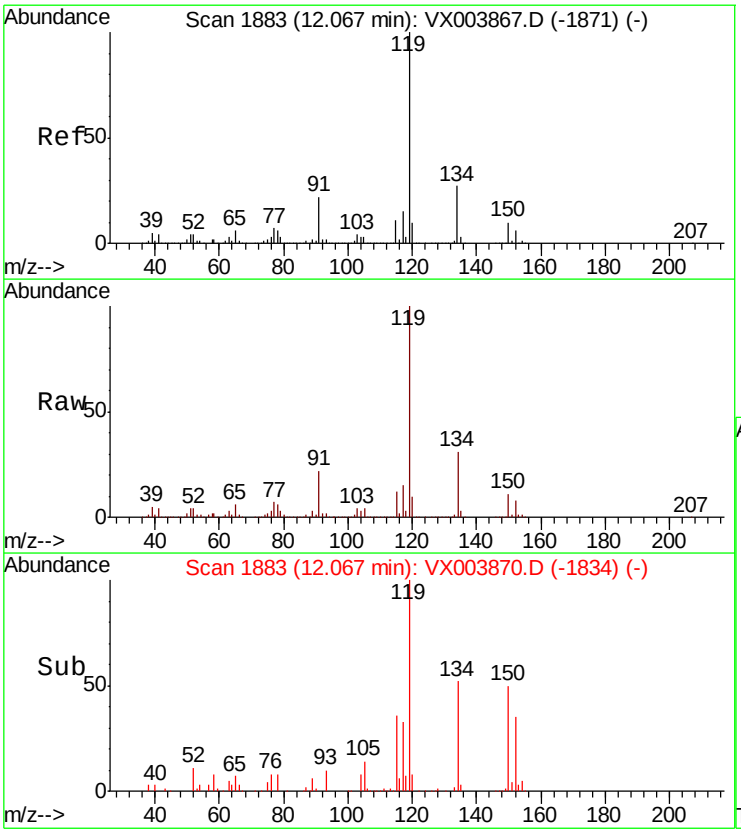
Tgt Ion:105 Resp: 983618

Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.3	30.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:05 PM

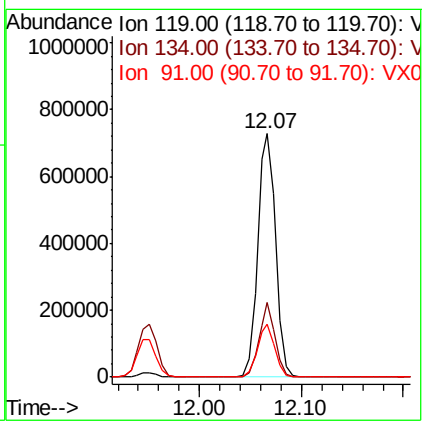


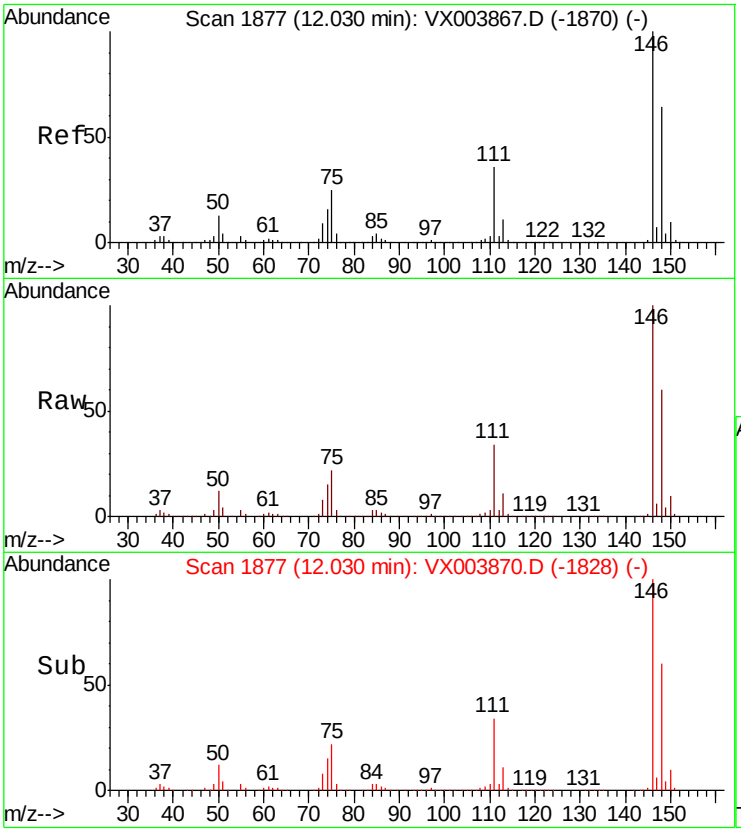


#86
p-Isopropyltoluene
Concen: 51.63 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:119 Resp: 899550

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.3	39.8
91	21.1	10.9	32.7

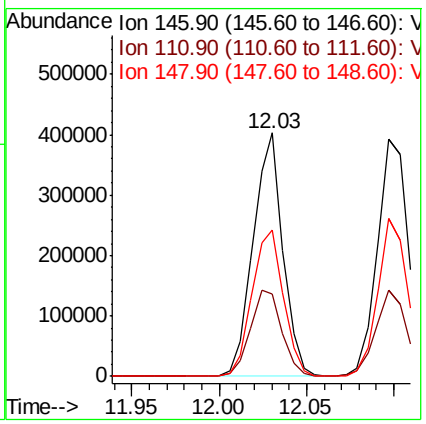




#87
1,3-Dichlorobenzene
Concen: 46.92 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

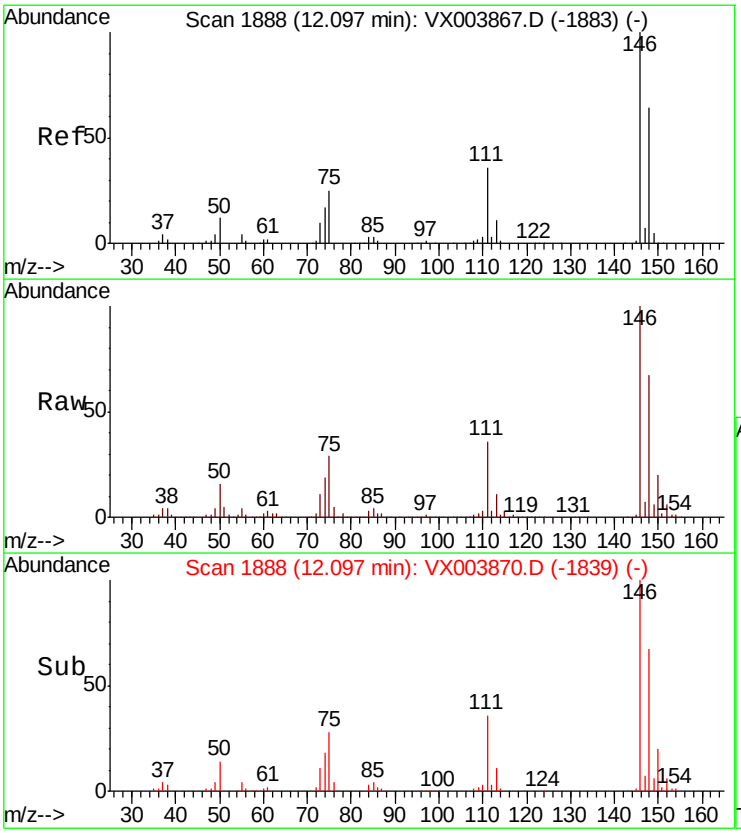
Tgt Ion:146 Resp: 474464

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	63.6	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

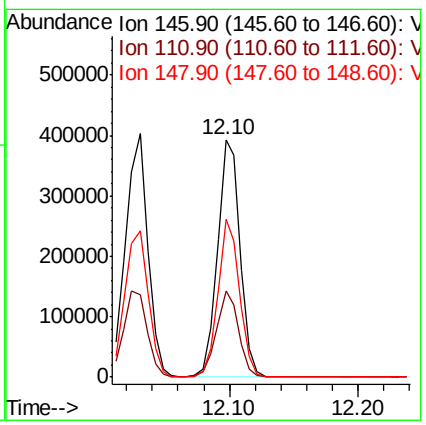
Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:05 PM

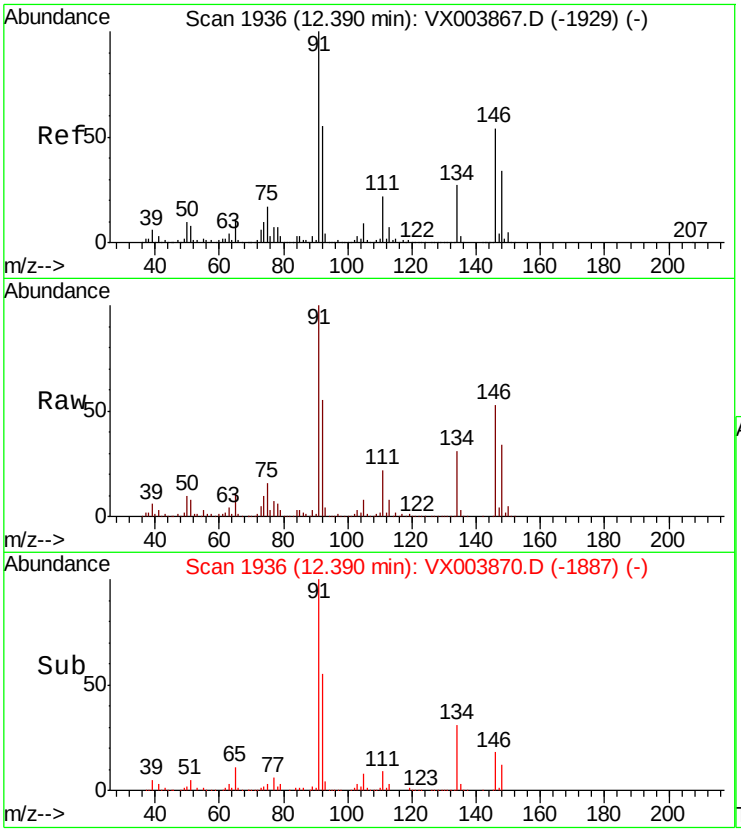


#88
1,4-Dichlorobenzene
Concen: 49.85 ug/l
RT: 12.10 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:146 Resp: 483424

Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.4	55.0
148	63.9	32.3	96.8

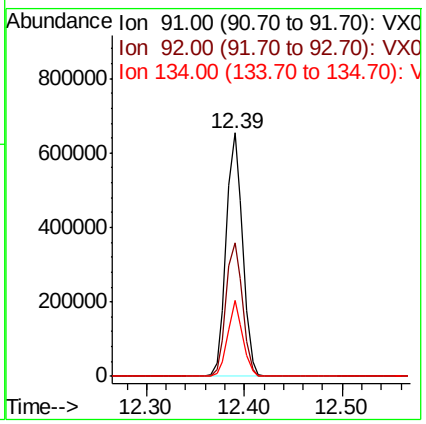




#89
n-Butylbenzene
Concen: 50.03 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 91 Resp: 759541

Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.1	81.3
134	28.2	13.6	40.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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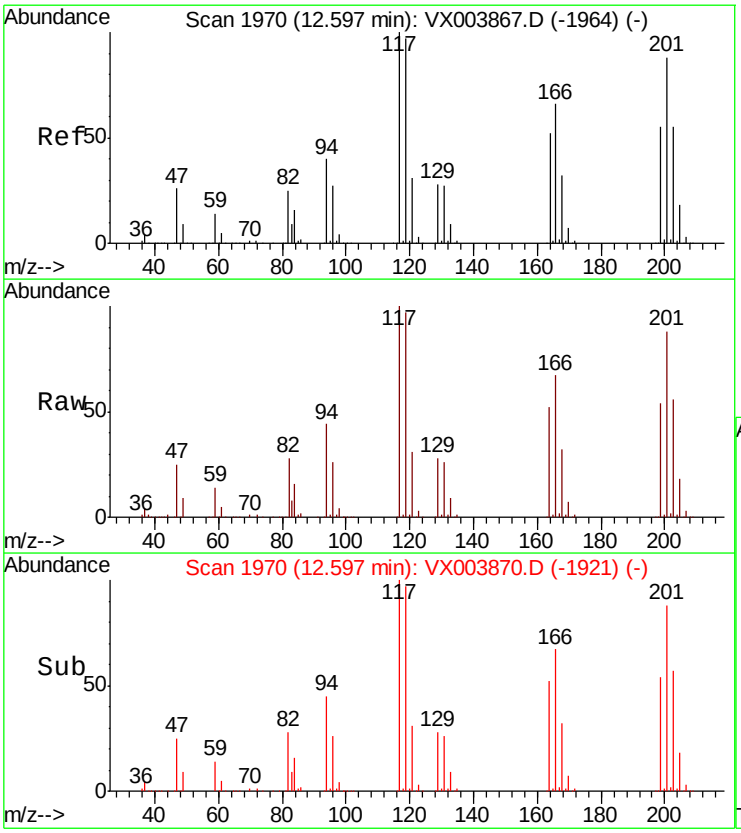
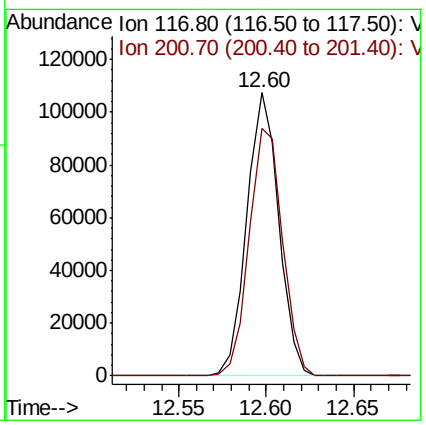
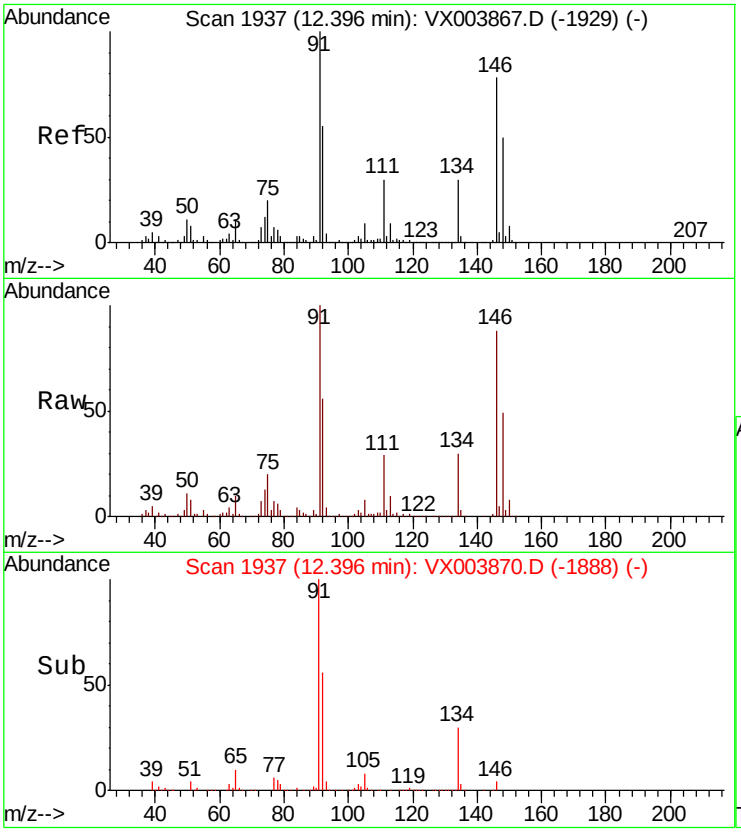


#90
Hexachloroethane
Concen: 48.11 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:117 Resp: 136098

Ion	Ratio	Lower	Upper
117	100		
201	91.5	46.1	138.2





#91
1,2-Dichlorobenzene
Concen: 48.34 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:146 Resp: 484576

Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.7	59.0
148	60.6	31.9	95.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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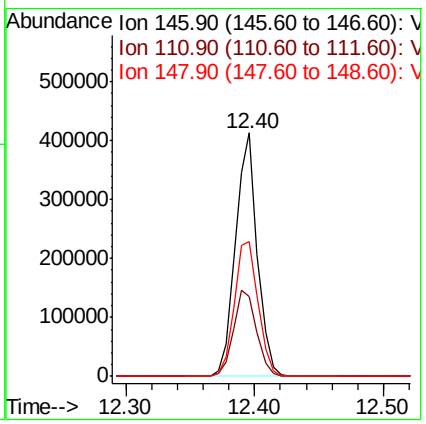
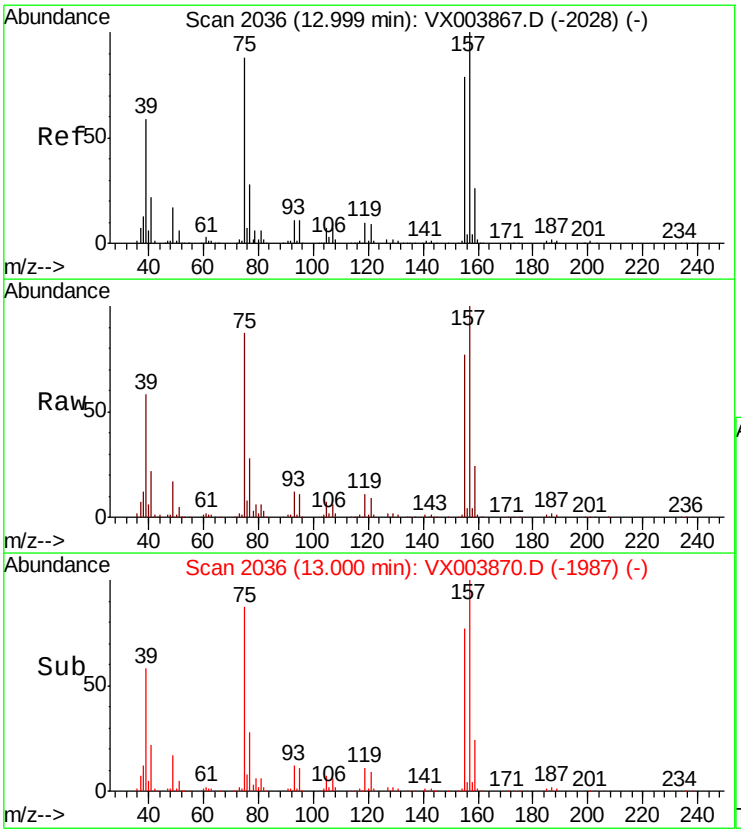
8/7/2018 1:13:05 PM

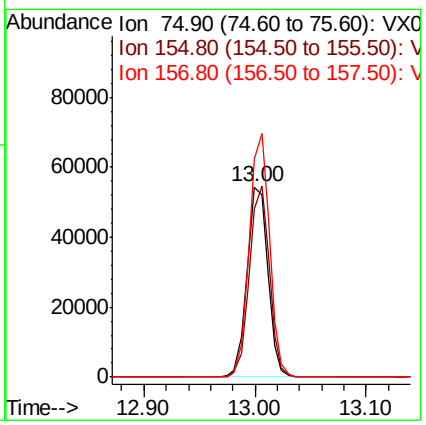


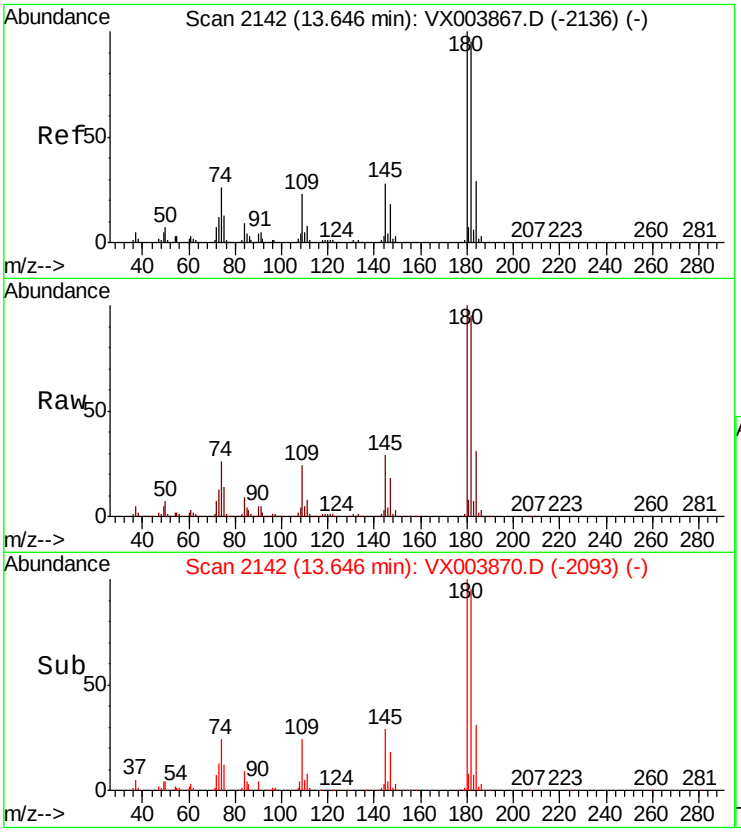


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.15 ug/l
RT: 13.00 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 75 Resp: 70766

Ion	Ratio	Lower	Upper
75	100		
155	96.6	48.7	146.1
157	124.8	62.6	187.8

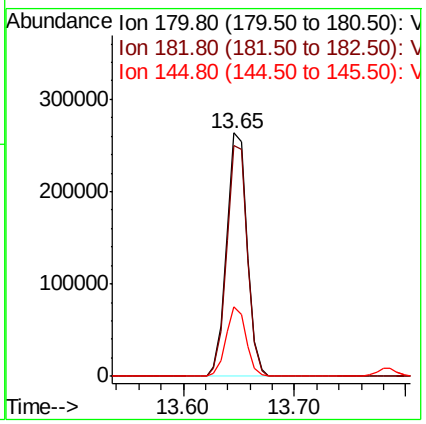




#93
1,2,4-Trichlorobenzene
Concen: 46.42 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:180 Resp: 334650

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	27.9	13.9	41.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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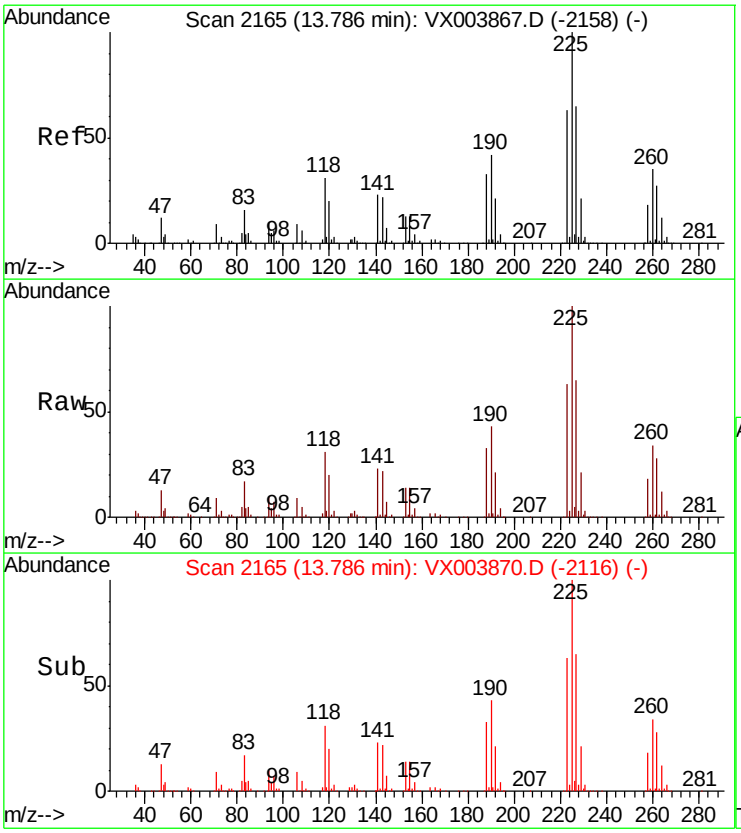
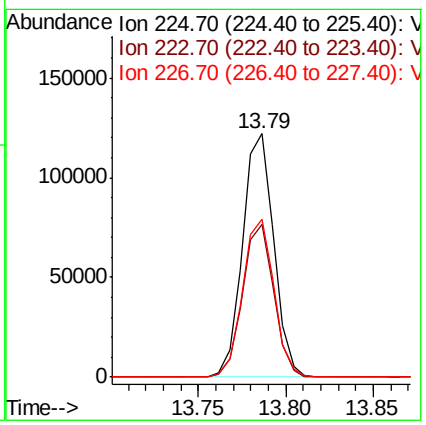
8/7/2018 1:13:05 PM

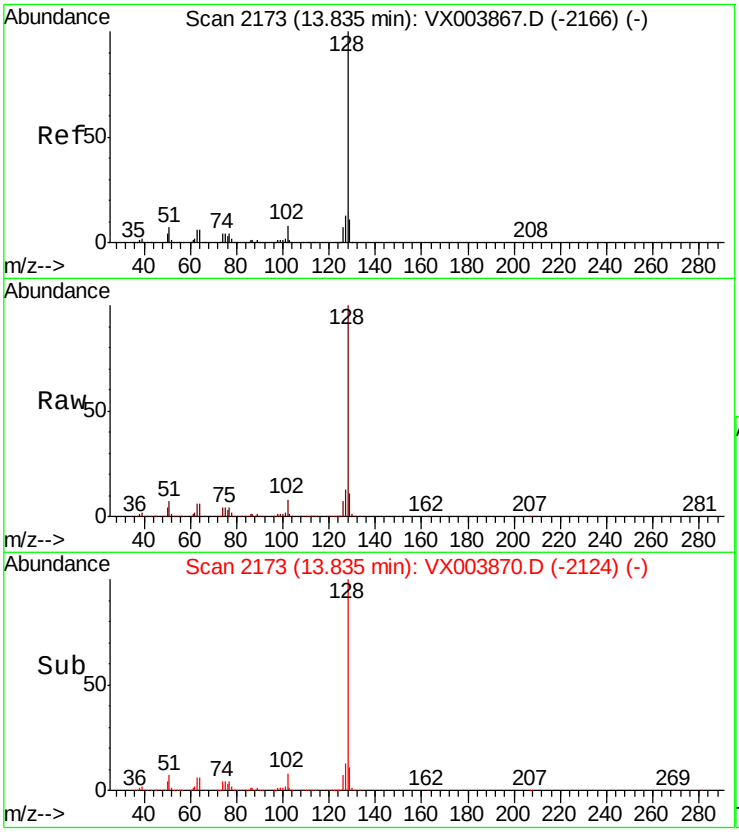


#94
Hexachlorobutadiene
Concen: 47.35 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:225 Resp: 150538

Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.0
227	65.1	32.1	96.5

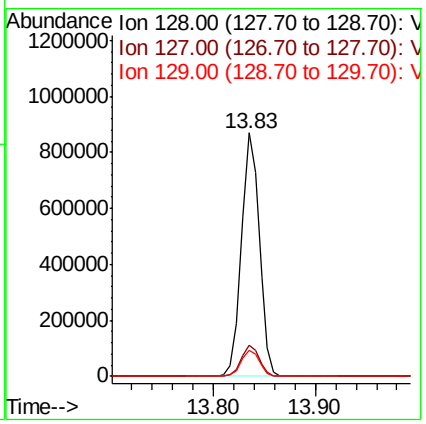




#95
Naphthalene
Concen: 51.01 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

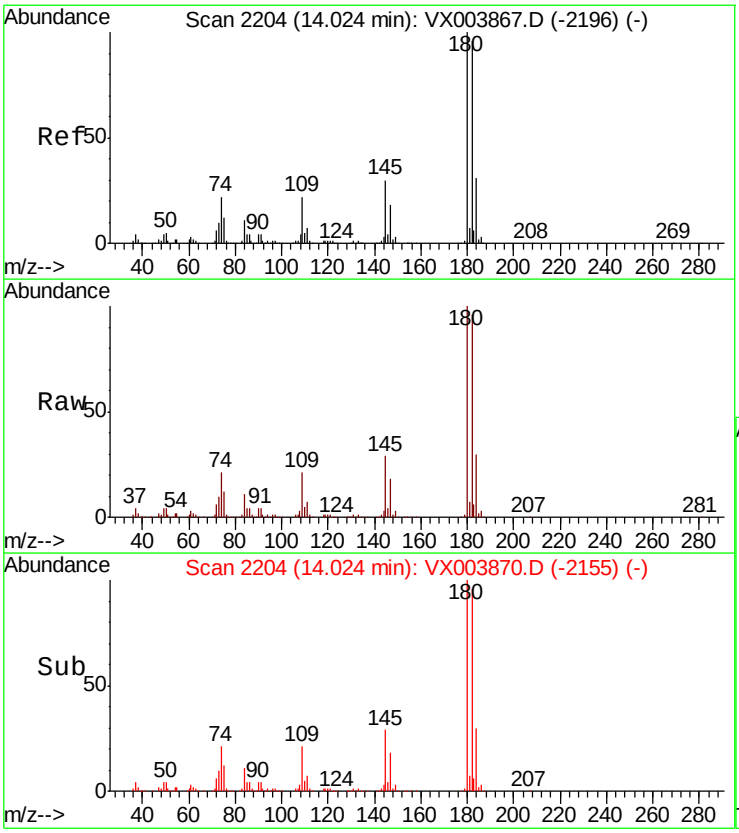
Tgt Ion:128 Resp: 1053375

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

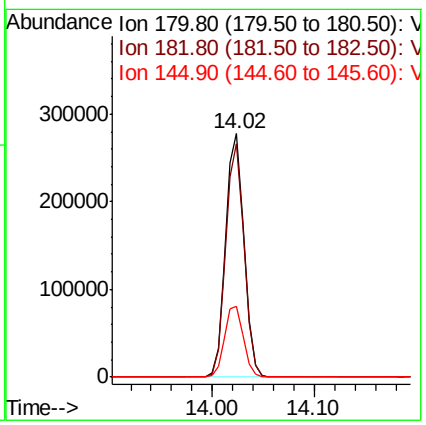
Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.80 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:180 Resp: 343921

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.4
145	29.9	14.9	44.7



Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
Data File : VX003870.D
Acq On : 06 Aug 2018 19:07
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX080618

Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	102	0.00
2	T	Dichlorodifluoromethane	50.000	50.434	-0.9	100	0.00
3	P	Chloromethane	50.000	47.720	4.6	101	0.00
4	C	Vinyl Chloride	50.000	48.135	3.7#	99	0.00
5	T	Bromomethane	50.000	55.416	-10.8	102	0.00
6	T	Chloroethane	50.000	52.576	-5.2	102	0.00
7	T	Trichlorofluoromethane	50.000	48.362	3.3	101	0.00
8	T	Diethyl Ether	50.000	48.428	3.1	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.521	5.0	101	0.00
10	T	Methyl Iodide	50.000	49.733	0.5	99	0.00
11	T	Tert butyl alcohol	250.000	252.221	-0.9	104	0.00
12	CM	1,1-Dichloroethene	50.000	48.625	2.8#	102	0.00
13	T	Acrolein	250.000	241.758	3.3	100	0.00
14	T	Allyl chloride	50.000	48.878	2.2	100	0.00
15	T	Acrylonitrile	250.000	241.784	3.3	100	0.00
16	T	Acetone	250.000	231.813	7.3	98	0.00
17	T	Carbon Disulfide	50.000	49.654	0.7	103	0.00
18	T	Methyl Acetate	50.000	48.242	3.5	100	0.00
19	T	Methyl tert-butyl Ether	50.000	49.633	0.7	103	0.00
20	T	Methylene Chloride	50.000	49.185	1.6	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.284	5.4	102	0.00
22	T	Diisopropyl ether	50.000	48.306	3.4	102	0.00
23	T	Vinyl Acetate	250.000	248.721	0.5	101	0.00
24	P	1,1-Dichloroethane	50.000	47.885	4.2	100	0.00
25	T	2-Butanone	250.000	247.072	1.2	100	0.00
26	T	2,2-Dichloropropane	50.000	45.579	8.8	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.639	2.7	103	0.00
28	T	Bromochloromethane	50.000	48.705	2.6	100	0.00
29	T	Tetrahydrofuran	250.000	248.520	0.6	101	0.00
30	C	Chloroform	50.000	48.352	3.3#	100	0.00
31	T	Cyclohexane	50.000	49.569	0.9	102	0.00
32	T	1,1,1-Trichloroethane	50.000	49.637	0.7	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.639	4.7	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	49.160	1.7	98	0.00
36	T	1,1-Dichloropropene	50.000	48.221	3.6	100	0.00
37	T	Ethyl Acetate	50.000	49.776	0.4	101	0.00
38	T	Carbon Tetrachloride	50.000	49.635	0.7	100	0.00
39	T	Methylcyclohexane	50.000	50.322	-0.6	103	0.00
40	TM	Benzene	50.000	48.869	2.3	101	0.00
41	T	Methacrylonitrile	50.000	50.275	-0.5	102	0.00
42	TM	1,2-Dichloroethane	50.000	48.627	2.7	100	0.00
43	T	Isopropyl Acetate	50.000	50.687	-1.4	101	0.00
44	TM	Trichloroethene	50.000	48.877	2.2	104	0.00
45	C	1,2-Dichloropropane	50.000	48.411	3.2#	99	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
Data File : VX003870.D
Acq On : 06 Aug 2018 19:07
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX080618

Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	T	Dibromomethane	50.000	48.485	3.0	100	0.00
47	T	Bromodichloromethane	50.000	49.970	0.1	100	0.00
48	T	Methyl methacrylate	50.000	52.070	-4.1	101	0.00
49	T	1,4-Dioxane	1000.000	1040.712	-4.1	101	0.00
50	S	Toluene-d8	50.000	49.564	0.9	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.068	-3.6	101	0.00
52	CM	Toluene	50.000	50.088	-0.2#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	51.585	-3.2	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.567	-3.1	100	0.00
55	T	1,1,2-Trichloroethane	50.000	49.291	1.4	100	0.00
56	T	Ethyl methacrylate	50.000	52.676	-5.4	101	0.00
57	T	1,3-Dichloropropane	50.000	50.045	-0.1	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	267.600	-7.0	102	0.00
59	T	2-Hexanone	250.000	259.987	-4.0	101	0.00
60	T	Dibromochloromethane	50.000	50.791	-1.6	99	0.00
61	T	1,2-Dibromoethane	50.000	50.917	-1.8	103	0.00
62	S	4-Bromofluorobenzene	50.000	52.721	-5.4	110	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	47.526	4.9	104	0.00
65	PM	Chlorobenzene	50.000	48.140	3.7	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.716	2.6	97	0.00
67	C	Ethyl Benzene	50.000	50.028	-0.1#	102	0.00
68	T	m/p-Xylenes	100.000	102.711	-2.7	104	0.00
69	T	o-Xylene	50.000	52.954	-5.9	105	0.00
70	T	Styrene	50.000	53.059	-6.1	105	0.00
71	P	Bromoform	50.000	46.888	6.2	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	51.138	-2.3	103	0.00
74	T	N-amyl acetate	50.000	47.187	5.6	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.361	3.3	110	0.00
76	T	1,2,3-Trichloropropane	50.000	48.779	2.4	108	0.00
77	T	Bromobenzene	50.000	50.209	-0.4	114	0.00
78	T	n-propylbenzene	50.000	52.239	-4.5	112	0.00
79	T	2-Chlorotoluene	50.000	50.917	-1.8	114	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.901	-3.8	112	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.091	5.8	108	0.00
82	T	4-Chlorotoluene	50.000	52.263	-4.5	116	0.00
83	T	tert-Butylbenzene	50.000	51.630	-3.3	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.217	-6.4	112	0.00
85	T	sec-Butylbenzene	50.000	50.664	-1.3	105	0.00
86	T	p-Isopropyltoluene	50.000	51.634	-3.3	107	0.00
87	T	1,3-Dichlorobenzene	50.000	46.915	6.2	105	0.00
88	T	1,4-Dichlorobenzene	50.000	49.852	0.3	106	0.00
89	T	n-Butylbenzene	50.000	50.031	-0.1	105	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
Data File : VX003870.D
Acq On : 06 Aug 2018 19:07
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX080618

Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.114	3.8	101	0.00
91 T	1,2-Dichlorobenzene	50.000	48.340	3.3	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.147	1.7	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.417	7.2	101	0.00
94 T	Hexachlorobutadiene	50.000	47.349	5.3	102	0.00
95 T	Naphthalene	50.000	51.014	-2.0	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.801	4.4	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
Data File : VX003870.D
Acq On : 06 Aug 2018 19:07
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX080618

Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	102	0.00
2	T	Dichlorodifluoromethane	0.507	0.511	-0.8	100	0.00
3	P	Chloromethane	0.689	0.658	4.5	101	0.00
4	C	Vinyl Chloride	0.688	0.662	3.8#	99	0.00
5	T	Bromomethane	0.438	0.395	9.8	102	0.00
6	T	Chloroethane	0.440	0.463	-5.2	102	0.00
7	T	Trichlorofluoromethane	0.908	0.878	3.3	101	0.00
8	T	Diethyl Ether	0.408	0.395	3.2	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.567	0.539	4.9	101	0.00
10	T	Methyl Iodide	0.706	0.702	0.6	99	0.00
11	T	Tert butyl alcohol	0.159	0.161	-1.3	104	0.00
12	CM	1,1-Dichloroethene	0.537	0.522	2.8#	102	0.00
13	T	Acrolein	0.088	0.079	10.2	100	0.00
14	T	Allyl chloride	1.035	1.011	2.3	100	0.00
15	T	Acrylonitrile	0.380	0.368	3.2	100	0.00
16	T	Acetone	0.394	0.366	7.1	98	0.00
17	T	Carbon Disulfide	1.637	1.510	7.8	103	0.00
18	T	Methyl Acetate	0.859	0.828	3.6	100	0.00
19	T	Methyl tert-butyl Ether	1.902	1.888	0.7	103	0.00
20	T	Methylene Chloride	0.956	0.612	36.0#	100	0.00
21	T	trans-1,2-Dichloroethene	0.609	0.576	5.4	102	0.00
22	T	Diisopropyl ether	1.902	1.837	3.4	102	0.00
23	T	Vinyl Acetate	1.582	1.574	0.5	101	0.00
24	P	1,1-Dichloroethane	1.130	1.082	4.2	100	0.00
25	T	2-Butanone	0.593	0.586	1.2	100	0.00
26	T	2,2-Dichloropropane	0.815	0.743	8.8	96	0.00
27	T	cis-1,2-Dichloroethene	0.661	0.643	2.7	103	0.00
28	T	Bromochloromethane	0.483	0.471	2.5	100	0.00
29	T	Tetrahydrofuran	0.305	0.303	0.7	101	0.00
30	C	Chloroform	1.063	1.028	3.3#	100	0.00
31	T	Cyclohexane	0.955	0.947	0.8	102	0.00
32	T	1,1,1-Trichloroethane	0.892	0.885	0.8	101	0.00
33	S	1,2-Dichloroethane-d4	0.663	0.631	4.8	97	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35	S	Dibromofluoromethane	0.379	0.372	1.8	98	0.00
36	T	1,1-Dichloropropene	0.560	0.540	3.6	100	0.00
37	T	Ethyl Acetate	0.616	0.613	0.5	101	0.00
38	T	Carbon Tetrachloride	0.533	0.529	0.8	100	0.00
39	T	Methylcyclohexane	0.660	0.665	-0.8	103	0.00
40	TM	Benzene	1.682	1.644	2.3	101	0.00
41	T	Methacrylonitrile	0.339	0.341	-0.6	102	0.00
42	TM	1,2-Dichloroethane	0.569	0.553	2.8	100	0.00
43	T	Isopropyl Acetate	0.927	0.940	-1.4	101	0.00
44	TM	Trichloroethene	0.460	0.450	2.2	104	0.00
45	C	1,2-Dichloropropane	0.434	0.420	3.2#	99	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080618\
Data File : VX003870.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX080618

Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.282	0.273	3.2	100	0.00
47	T	Bromodichloromethane	0.531	0.531	0.0	100	0.00
48	T	Methyl methacrylate	0.471	0.491	-4.2	101	0.00
49	T	1,4-Dioxane	0.011	0.012	-9.1	101	0.00
50	S	Toluene-d8	1.473	1.460	0.9	98	0.00
51	T	4-Methyl-2-Pentanone	0.768	0.796	-3.6	101	0.00
52	CM	Toluene	1.063	1.064	-0.1#	100	0.00
53	T	t-1,3-Dichloropropene	0.600	0.619	-3.2	101	0.00
54	T	cis-1,3-Dichloropropene	0.647	0.668	-3.2	100	0.00
55	T	1,1,2-Trichloroethane	0.434	0.428	1.4	100	0.00
56	T	Ethyl methacrylate	0.630	0.664	-5.4	101	0.00
57	T	1,3-Dichloropropane	0.727	0.727	0.0	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.310	0.332	-7.1	102	0.00
59	T	2-Hexanone	0.574	0.597	-4.0	101	0.00
60	T	Dibromochloromethane	0.405	0.411	-1.5	99	0.00
61	T	1,2-Dibromoethane	0.435	0.443	-1.8	103	0.00
62	S	4-Bromofluorobenzene	0.477	0.503	-5.5	110	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64	T	Tetrachloroethene	0.492	0.468	4.9	104	0.00
65	PM	Chlorobenzene	1.301	1.253	3.7	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.447	0.436	2.5	97	0.00
67	C	Ethyl Benzene	2.130	2.131	-0.0#	102	0.00
68	T	m/p-Xylenes	0.832	0.855	-2.8	104	0.00
69	T	o-Xylene	0.786	0.832	-5.9	105	0.00
70	T	Styrene	1.286	1.365	-6.1	105	0.00
71	P	Bromoform	0.334	0.354	-6.0	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73	T	Isopropylbenzene	3.699	3.783	-2.3	103	0.00
74	T	N-amyl acetate	1.923	1.815	5.6	101	0.00
75	P	1,1,2,2-Tetrachloroethane	1.268	1.226	3.3	110	0.00
76	T	1,2,3-Trichloropropane	1.104	1.077	2.4	108	0.00
77	T	Bromobenzene	0.987	0.991	-0.4	114	0.00
78	T	n-propylbenzene	4.153	4.339	-4.5	112	0.00
79	T	2-Chlorotoluene	2.532	2.579	-1.9	114	0.00
80	T	1,3,5-Trimethylbenzene	3.016	3.131	-3.8	112	0.00
81	T	trans-1,4-Dichloro-2-butene	0.362	0.381	-5.2	108	0.00
82	T	4-Chlorotoluene	2.967	3.101	-4.5	116	0.00
83	T	tert-Butylbenzene	2.967	3.064	-3.3	109	0.00
84	T	1,2,4-Trimethylbenzene	3.033	3.228	-6.4	112	0.00
85	T	sec-Butylbenzene	3.502	3.548	-1.3	105	0.00
86	T	p-Isopropyltoluene	3.142	3.245	-3.3	107	0.00
87	T	1,3-Dichlorobenzene	1.824	1.711	6.2	105	0.00
88	T	1,4-Dichlorobenzene	1.892	1.744	7.8	106	0.00
89	T	n-Butylbenzene	2.738	2.740	-0.1	105	0.00

Evaluate Continuing Calibration Report

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Data File : VX003870.D
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Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
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Instrument : MSVOA_X
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Quant Time: Aug 07 07:52:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.510	0.491	3.7	101	0.00
91 T	1,2-Dichlorobenzene	1.808	1.748	3.3	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.260	0.255	1.9	103	0.00
93 T	1,2,4-Trichlorobenzene	1.300	1.207	7.2	101	0.00
94 T	Hexachlorobutadiene	0.609	0.543	10.8	102	0.00
95 T	Naphthalene	3.724	3.800	-2.0	102	0.00
96 T	1,2,3-Trichlorobenzene	1.298	1.241	4.4	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6