Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102218\
Data File : VX005511.D
Acq On : 23 Oct 2018 10:19
Operator : JC/MD
Sample : J5621-10MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PA-SW-01MS

Manual Integrations APPROVED
MMDadoda
10/23/2018 1:28:23 PM

Quant Time: Oct 23 12:22:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	125894	60.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.42%			
35) Dibromofluoromethane	5.51	113	94267	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.22%			
50) Toluene-d8	8.72	98	343635	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.12%			
62) 4-Bromofluorobenzene	11.14	95	131130	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	74986	51.331	ug/l	90
3) Chloromethane	1.32	50	106759	50.436	ug/l	100
4) Vinyl Chloride	1.40	62	103633	48.330	ug/l	100
5) Bromomethane	1.64	94	64524	53.242	ug/l	99
6) Chloroethane	1.71	64	67151	53.362	ug/l	92
7) Trichlorofluoromethane	1.92	101	150817	52.706	ug/l	94
8) Diethyl Ether	2.19	74	65446	53.559	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81378	49.273	ug/l	97
10) Methyl Iodide	2.51	142	89367	49.381	ug/l	96
11) Tert butyl alcohol	3.09	59	198421	339.221	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82008	50.115	ug/l	91
13) Acrolein	2.29	56	90357	242.008	ug/l	96
14) Allyl chloride	2.72	41	187060	52.067	ug/l	94
15) Acrylonitrile	3.15	53	385000	290.457	ug/l	98
16) Acetone	2.45	43	376858	314.328	ug/l	94
17) Carbon Disulfide	2.56	76	215965	43.567	ug/l	99
18) Methyl Acetate	2.78	43	203820	59.755	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	330203	57.295	ug/l	96
20) Methylene Chloride	2.85	84	99073	56.893	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	89112	49.139	ug/l	96
22) Diisopropyl ether	3.87	45	335049	55.523	ug/l	96
23) Vinyl Acetate	3.82	43	1286424	243.905	ug/l	95
24) 1,1-Dichloroethane	3.69	63	187242	54.141	ug/l	98
25) 2-Butanone	4.71	43	554851	316.302	ug/l	93
26) 2,2-Dichloropropane	4.59	77	74510	28.807	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	99409	50.440	ug/l	98
28) Bromochloromethane	5.02	49	89521	56.782	ug/l	90
29) Tetrahydrofuran	5.16	42	353045	315.516	ug/l	91
30) Chloroform	5.21	83	177195	55.200	ug/l	99
31) Cyclohexane	5.57	56	137946	48.395	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	151978	54.412	ug/l	100
36) 1,1-Dichloropropene	5.80	75	125906	43.489	ug/l	99
37) Ethyl Acetate	4.86	43	170343	45.752	ug/l	97
38) Carbon Tetrachloride	5.79	117	141020	48.478	ug/l	86

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Operator : JC/MD
Sample : J5621-10MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
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10/23/2018 1:28:23 PM

Quant Time: Oct 23 12:22:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	124386	39.698	ug/l		94
40) Benzene	6.13	78	404443	46.569	ug/l		96
41) Methacrylonitrile	5.06	41	105661	52.936	ug/l		95
42) 1,2-Dichloroethane	6.20	62	147749	48.181	ug/l		96
43) Isopropyl Acetate	6.46	43	267474	53.930	ug/l		95
44) Trichloroethene	7.21	130	101530	45.733	ug/l		92
45) 1,2-Dichloropropane	7.52	63	104075	48.854	ug/l		98
46) Dibromomethane	7.66	93	67669	48.127	ug/l		97
47) Bromodichloromethane	7.90	83	135619	52.146	ug/l		98
48) Methyl methacrylate	7.78	41	147295	57.262	ug/l		93
49) 1,4-Dioxane	7.76	88	66483	1120.568	ug/l		93
51) 4-Methyl-2-Pentanone	8.65	43	1067932	310.978	ug/l		94
52) Toluene	8.79	92	240826	50.686	ug/l		98
53) t-1,3-Dichloropropene	9.04	75	136604	48.534	ug/l		99
54) cis-1,3-Dichloropropene	8.44	75	143246	46.970	ug/l		97
55) 1,1,2-Trichloroethane	9.22	97	104545	51.949	ug/l		97
56) Ethyl methacrylate	9.18	69	166917	56.895	ug/l		92
57) 1,3-Dichloropropane	9.37	76	175942	52.380	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.26	63	583	0.354	ug/l	#	45
59) 2-Hexanone	9.50	43	877991	317.835	ug/l		92
60) Dibromochloromethane	9.59	129	110760	53.245	ug/l		98
61) 1,2-Dibromoethane	9.68	107	108004	51.138	ug/l		99
64) Tetrachloroethene	9.34	164	97551	46.109	ug/l		98
65) Chlorobenzene	10.14	112	272835	48.807	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.23	131	103495	51.953	ug/l		98
67) Ethyl Benzene	10.26	91	466799	51.367	ug/l		97
68) m/p-Xylenes	10.36	106	358104	101.526	ug/l		93
69) o-Xylene	10.70	106	174171	51.200	ug/l		95
70) Styrene	10.71	104	292891	52.347	ug/l		96
71) Bromoform	10.86	173	94136	52.880	ug/l		98
73) Isopropylbenzene	11.02	105	478866	53.714	ug/l		99
74) N-amyl acetate	10.90	43	226328	52.636	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.27	83	183631	54.603	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	161253m	55.434	ug/l		
77) Bromobenzene	11.26	156	128799	50.528	ug/l		98
78) n-propylbenzene	11.36	91	541244	52.759	ug/l		99
79) 2-Chlorotoluene	11.42	91	329689	52.474	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	405690	53.140	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.08	75	44531	46.514	ug/l		99
82) 4-Chlorotoluene	11.51	91	387482	52.026	ug/l		99
83) tert-Butylbenzene	11.77	119	409873	53.018	ug/l		97
84) 1,2,4-Trimethylbenzene	11.81	105	418104	53.218	ug/l		97
85) sec-Butylbenzene	11.94	105	475647	51.989	ug/l		98
86) p-Isopropyltoluene	12.07	119	424093	51.286	ug/l		98
87) 1,3-Dichlorobenzene	12.02	146	236498	49.651	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	240438	49.343	ug/l		99
89) n-Butylbenzene	12.39	91	363612	48.429	ug/l		97
90) Hexachloroethane	12.60	117	74232	52.088	ug/l		96
91) 1,2-Dichlorobenzene	12.40	146	245060	50.416	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47632	58.064	ug/l		96

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Operator : JC/MD
Sample : J5621-10MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
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10/23/2018 1:28:23 PM

Quant Time: Oct 23 12:22:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	177371	49.737	ug/l	99
94) Hexachlorobutadiene	13.79	225	80324	42.647	ug/l	98
95) Naphthalene	13.83	128	605488	58.545	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	184751	50.632	ug/l	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102218\
Data File : VX005511.D
Acq On : 23 Oct 2018 10:19
Operator : JC/MD
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
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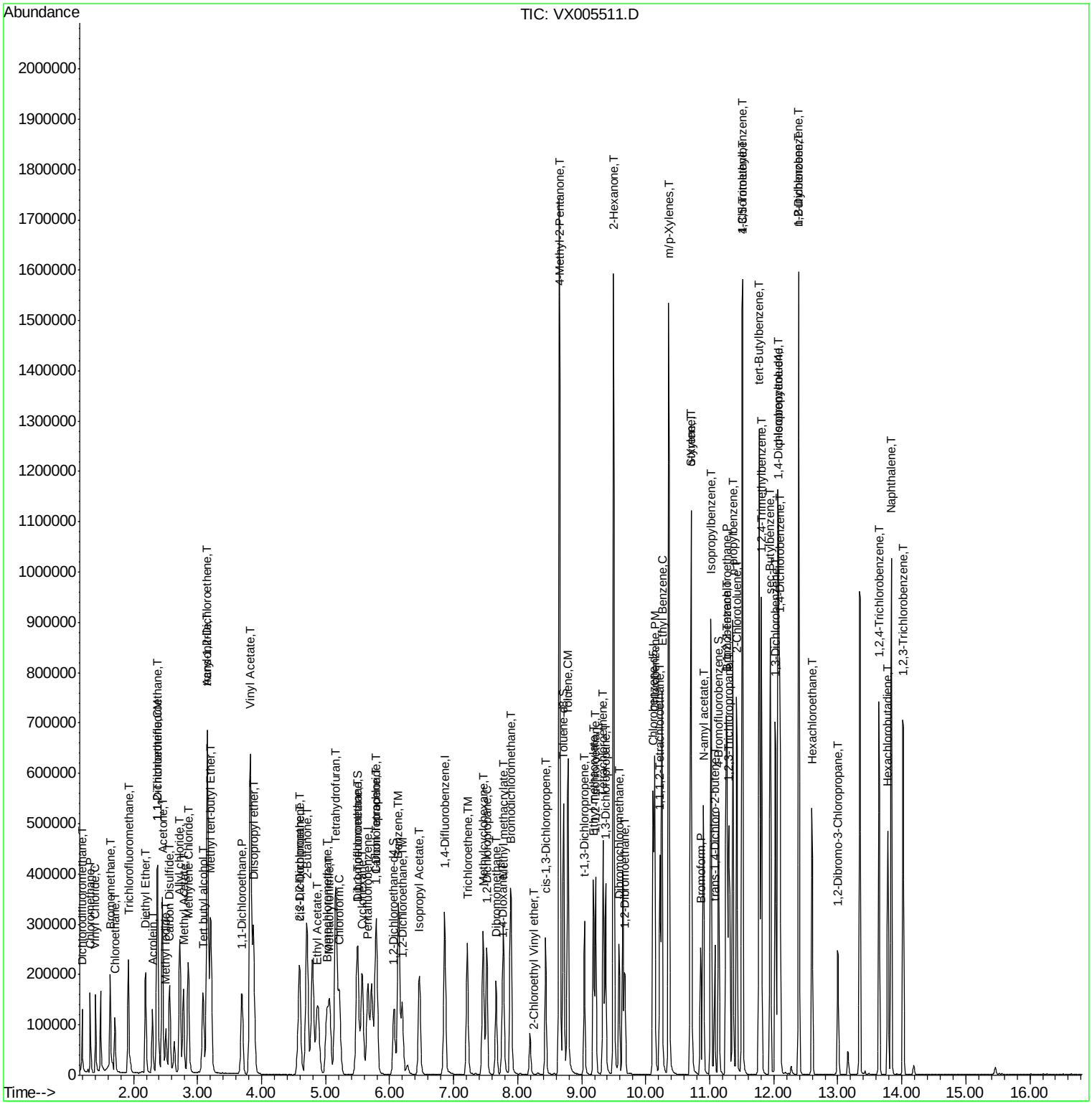
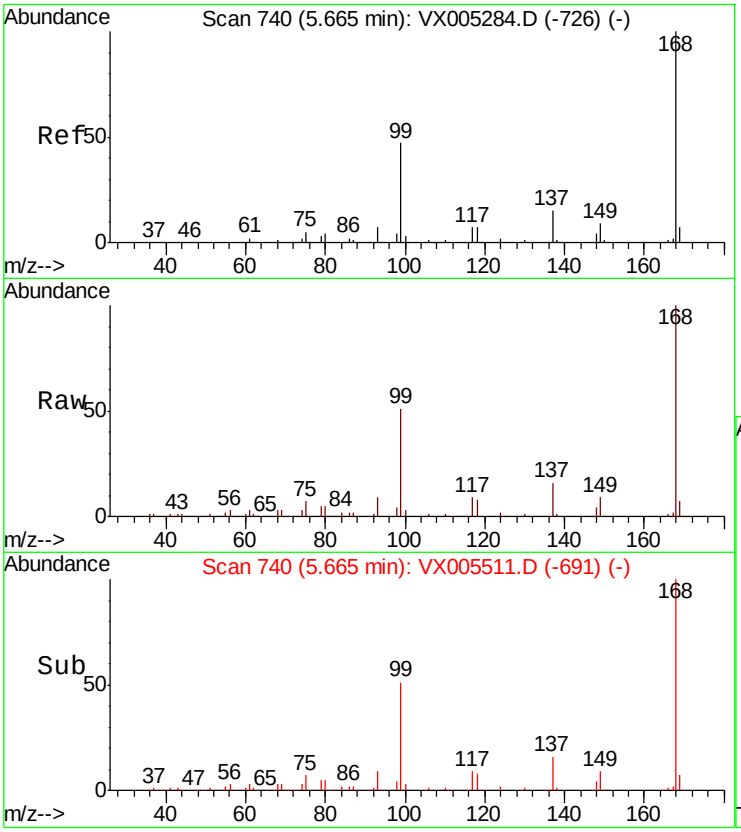
10/23/2018 1:28:23 PM

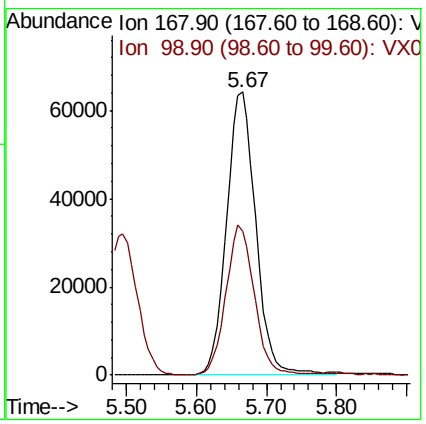




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:168 Resp: 186837

Ion	Ratio	Lower	Upper
168	100		
99	50.6	39.9	59.9



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
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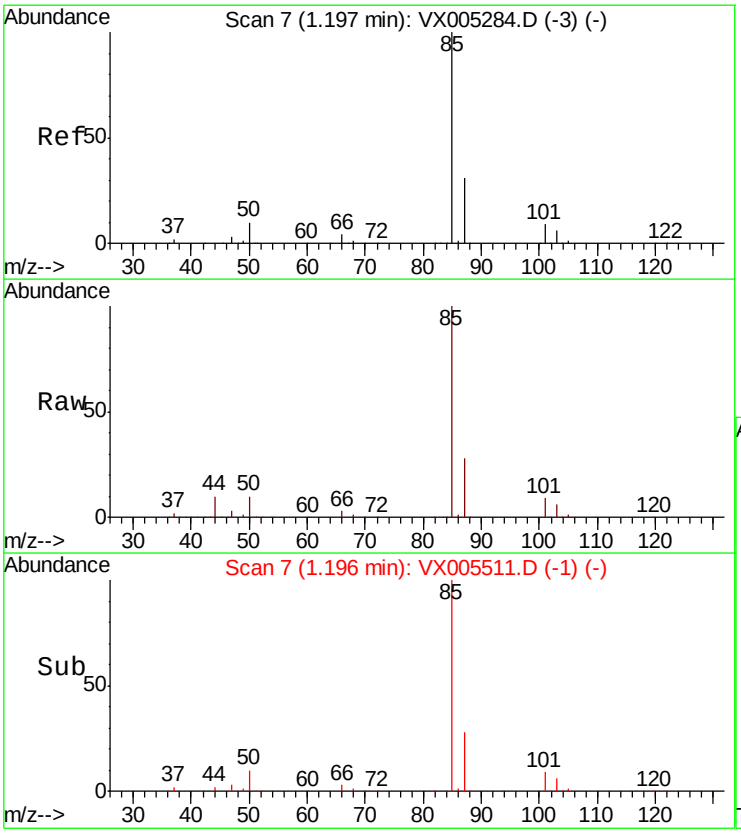
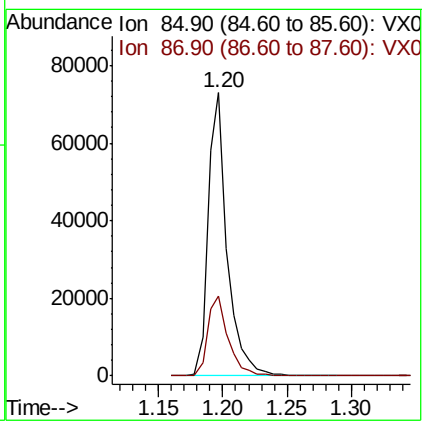
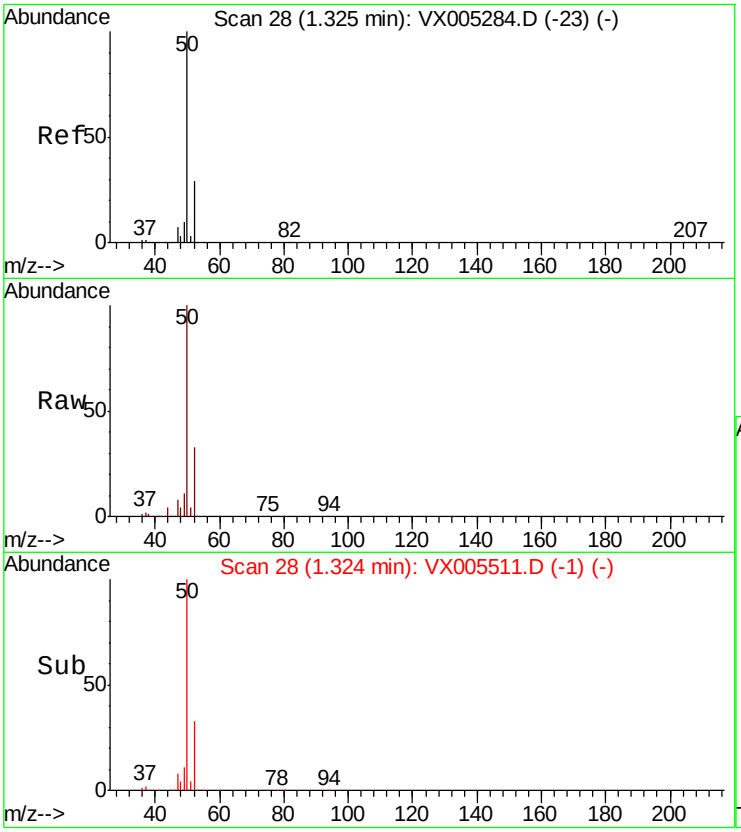


#2
Dichlorodifluoromethane
Concen: 51.331 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 85 Resp: 74986

Ion	Ratio	Lower	Upper
85	100		
87	28.3	17.0	50.9

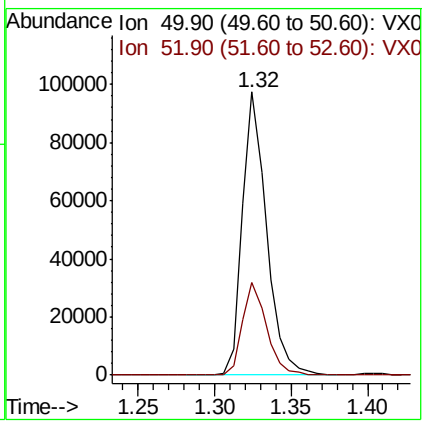




#3
Chloromethane
Concen: 50.436 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 50 Resp: 106759

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED
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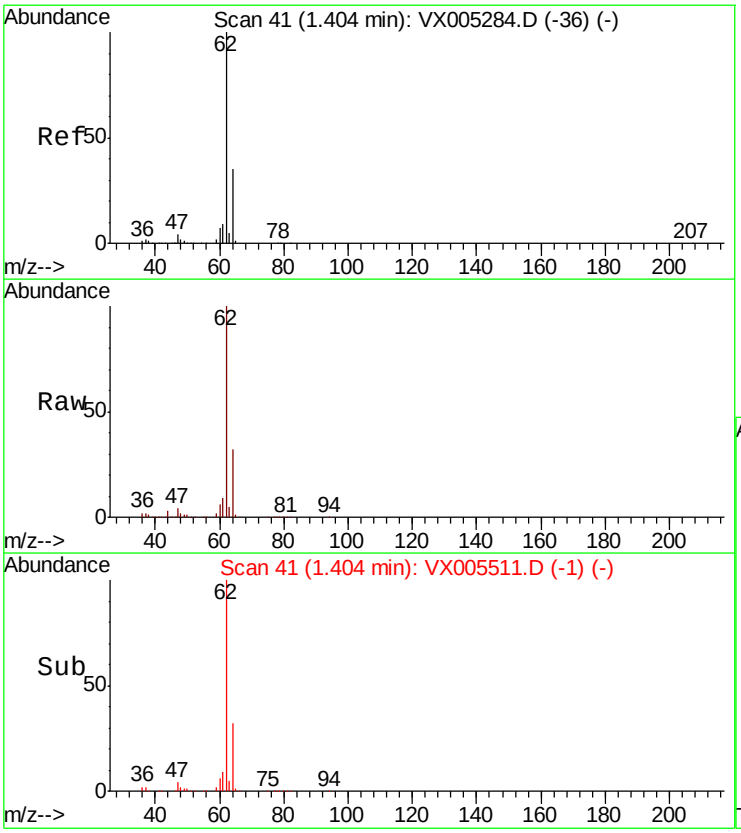
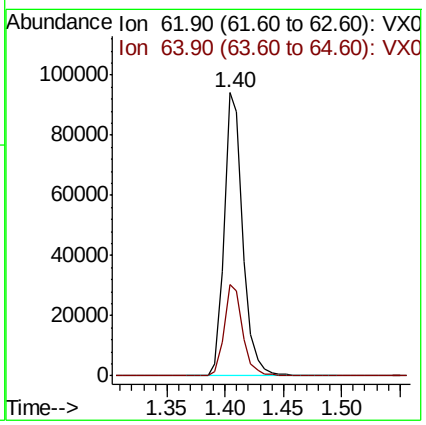
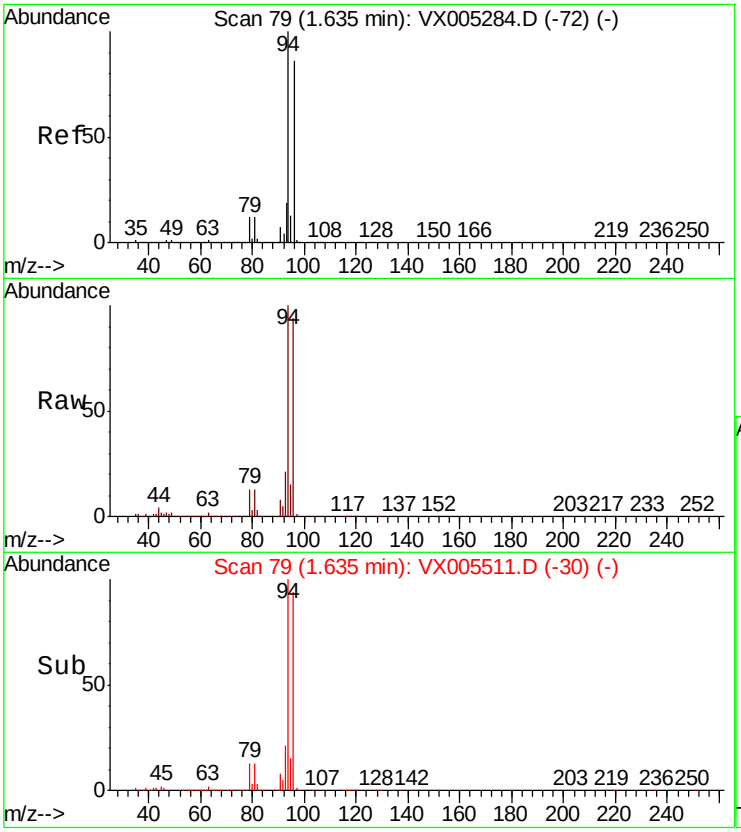


#4
Vinyl Chloride
Concen: 48.330 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 62 Resp: 103633

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.8	38.8

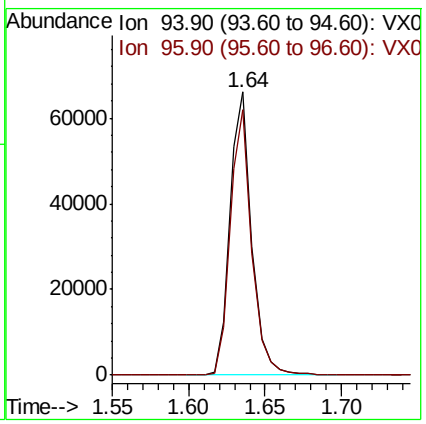




#5
Bromomethane
Concen: 53.242 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 94 Resp: 64524

Ion	Ratio	Lower	Upper
94	100		
96	93.9	74.5	111.7



Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED
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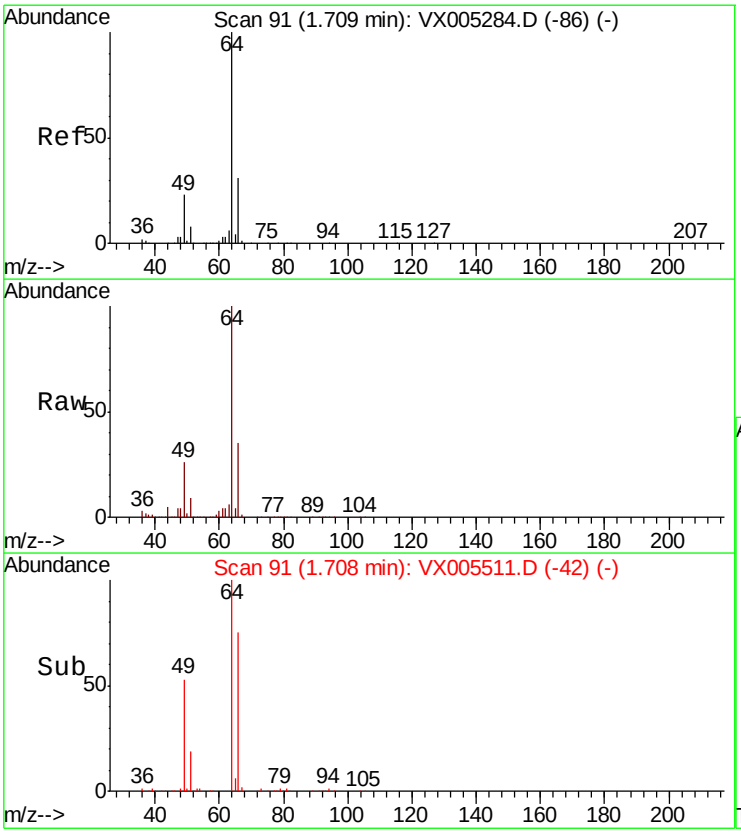
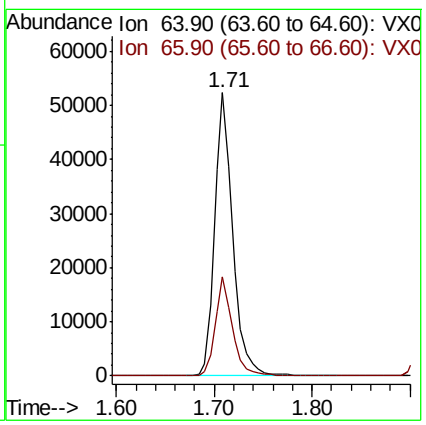
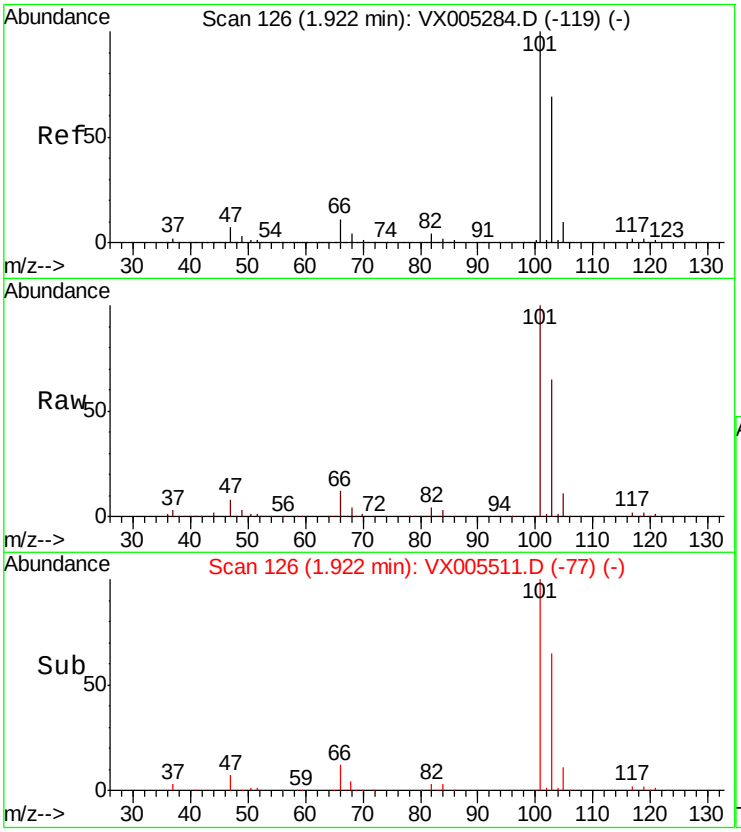


#6
Chloroethane
Concen: 53.362 ug/l
RT: 1.71 min Scan# 91
Delta R.T. 0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 64 Resp: 67151

Ion	Ratio	Lower	Upper
64	100		
66	34.9	24.6	36.8

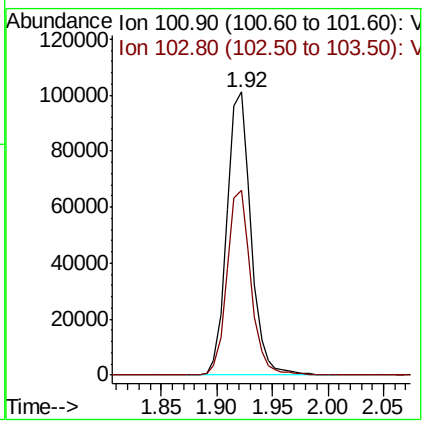




#7
Trichlorofluoromethane
Concen: 52.706 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:101 Resp: 150817

Ion	Ratio	Lower	Upper
101	100		
103	65.5	48.9	73.3



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
MMDadoda
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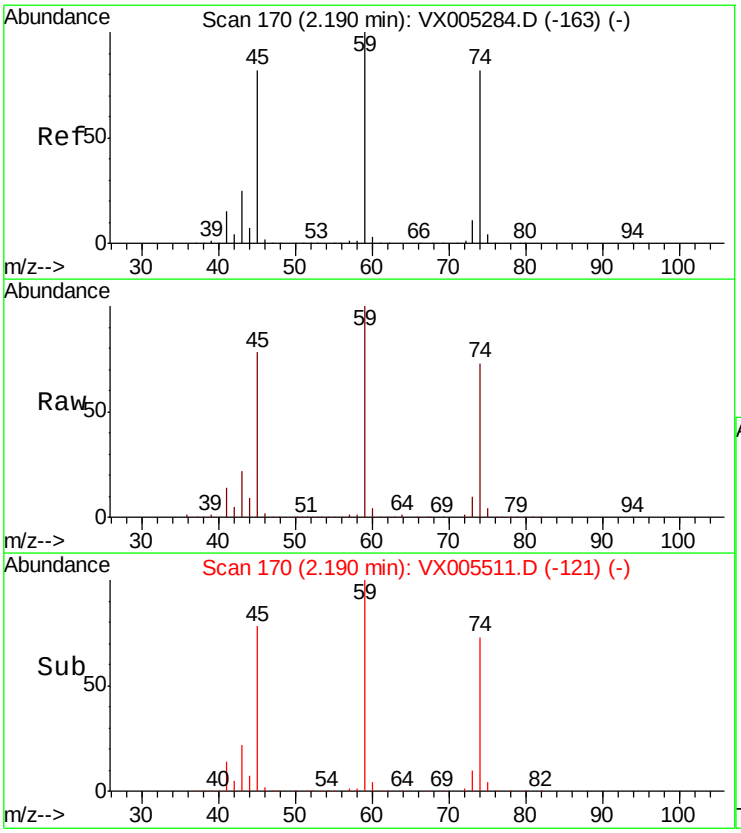
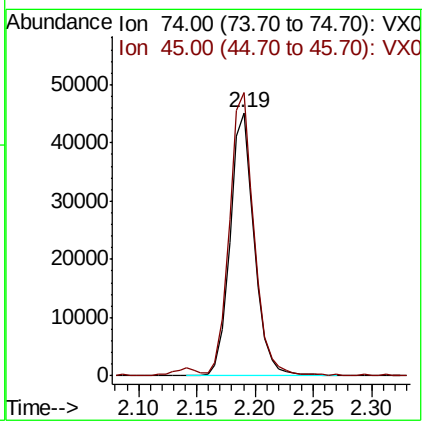
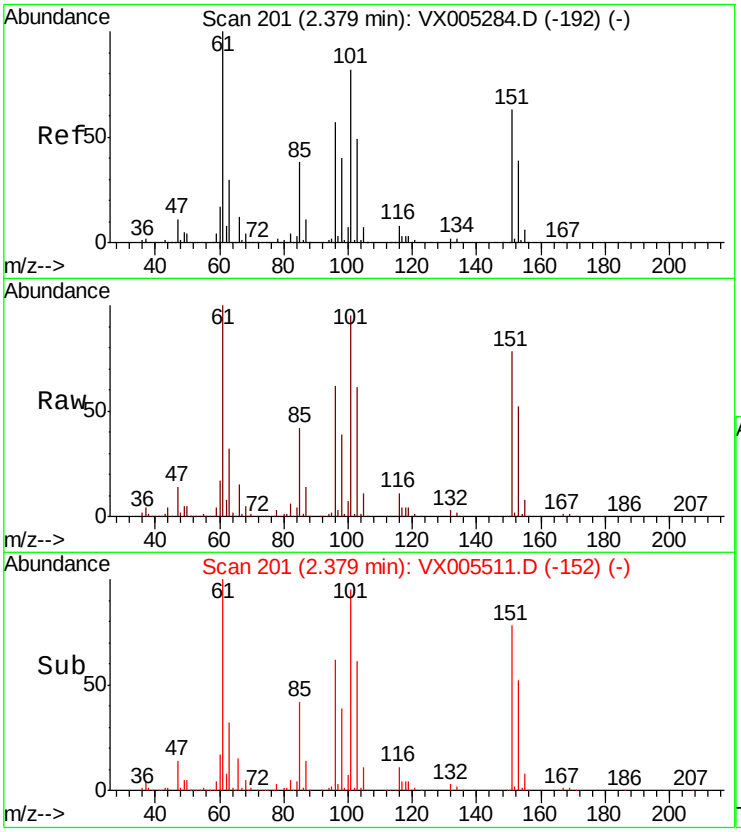


#8
Diethyl Ether
Concen: 53.559 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 74 Resp: 65446

Ion	Ratio	Lower	Upper
74	100		
45	108.2	48.3	144.8





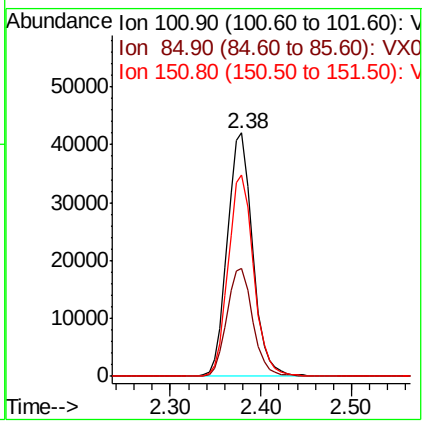
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.273 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

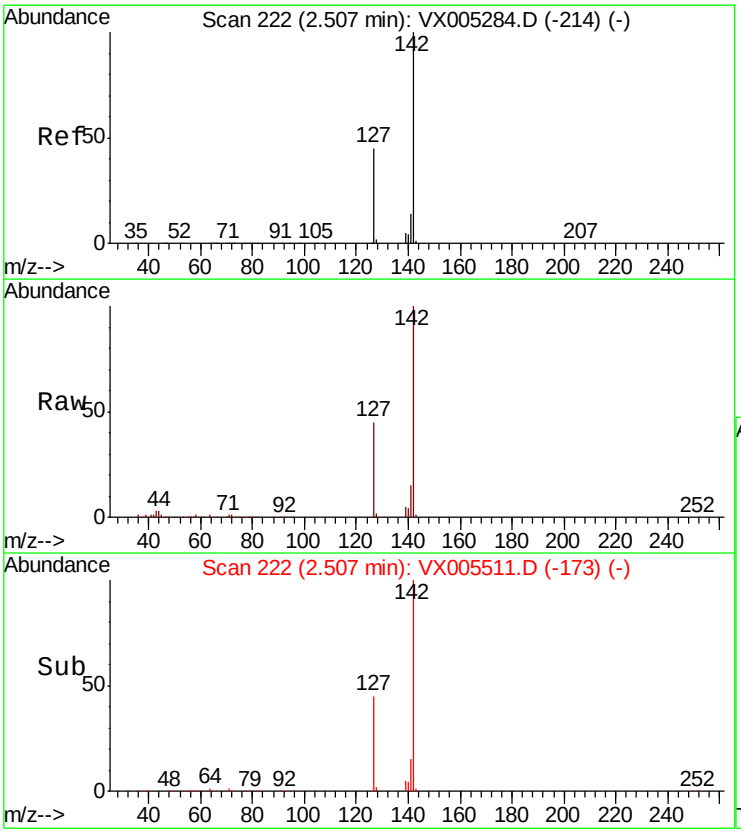
Tgt Ion:101 Resp: 81378

Ion	Ratio	Lower	Upper
101	100		
85	45.5	34.2	51.4
151	83.6	65.0	97.6

Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
MMDadoda
10/23/2018 1:28:23 PM

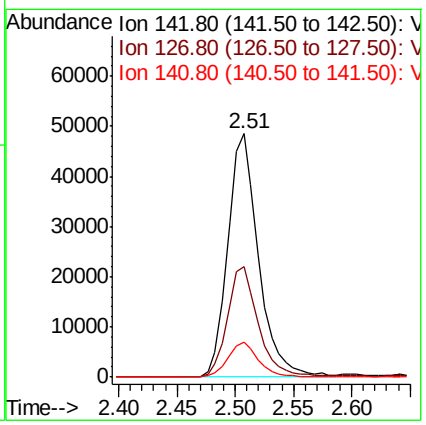


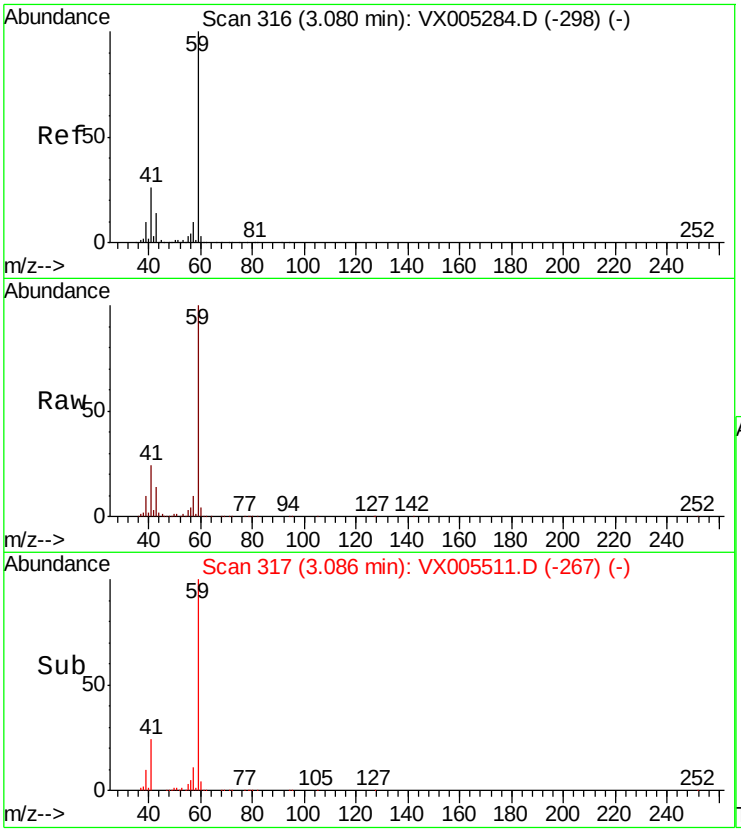


#10
Methyl Iodide
Concen: 49.381 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:142 Resp: 89367

Ion	Ratio	Lower	Upper
142	100		
127	45.4	33.8	50.6
141	14.6	11.4	17.0





#11
Tert butyl alcohol
Concen: 339.221 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 59 Resp: 198421

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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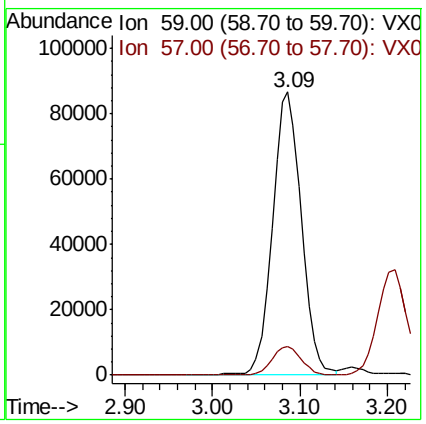
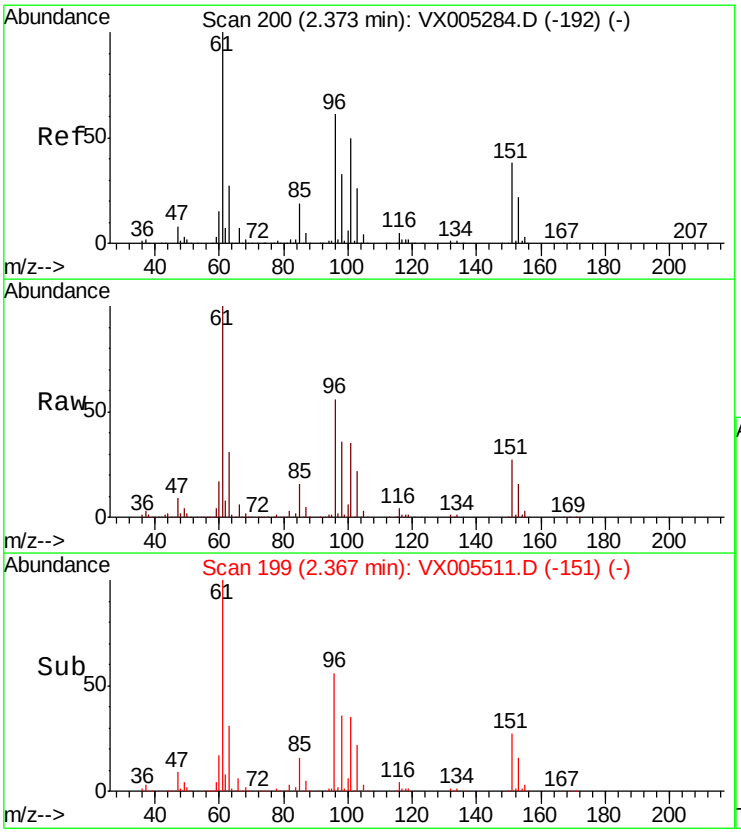
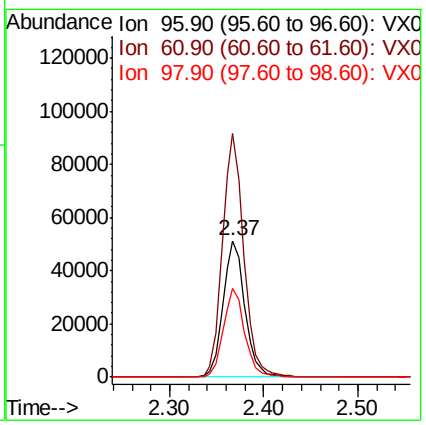


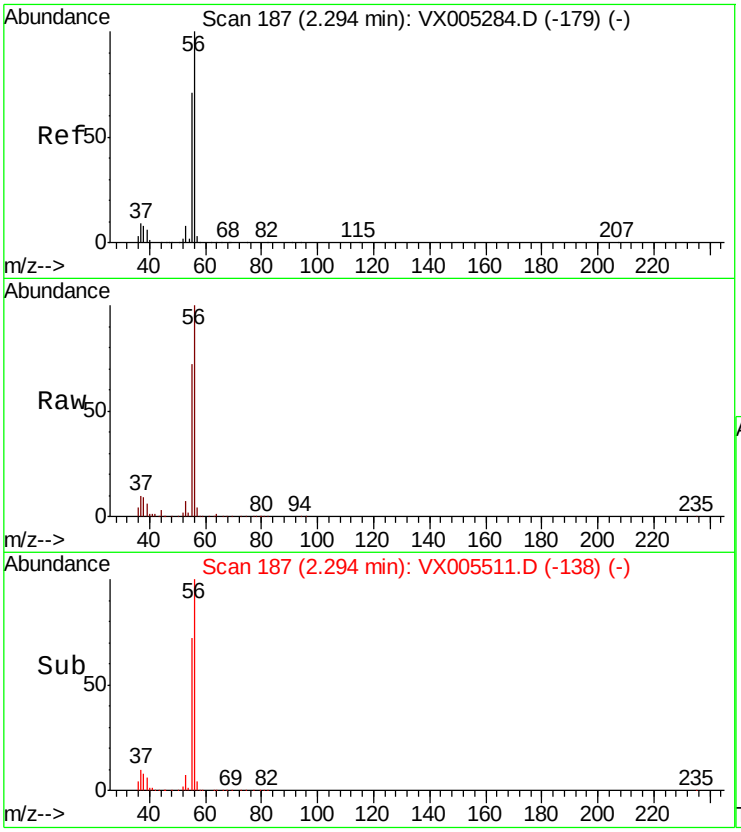


#12
1,1-Dichloroethene
Concen: 50.115 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 96 Resp: 82008

Ion	Ratio	Lower	Upper
96	100		
61	178.2	128.8	193.2
98	64.6	52.2	78.2

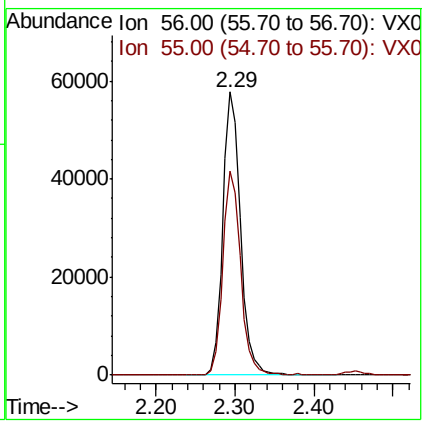




#13
Acrolein
Concen: 242.008 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 56 Resp: 90357

Ion	Ratio	Lower	Upper
56	100		
55	71.6	54.7	82.1



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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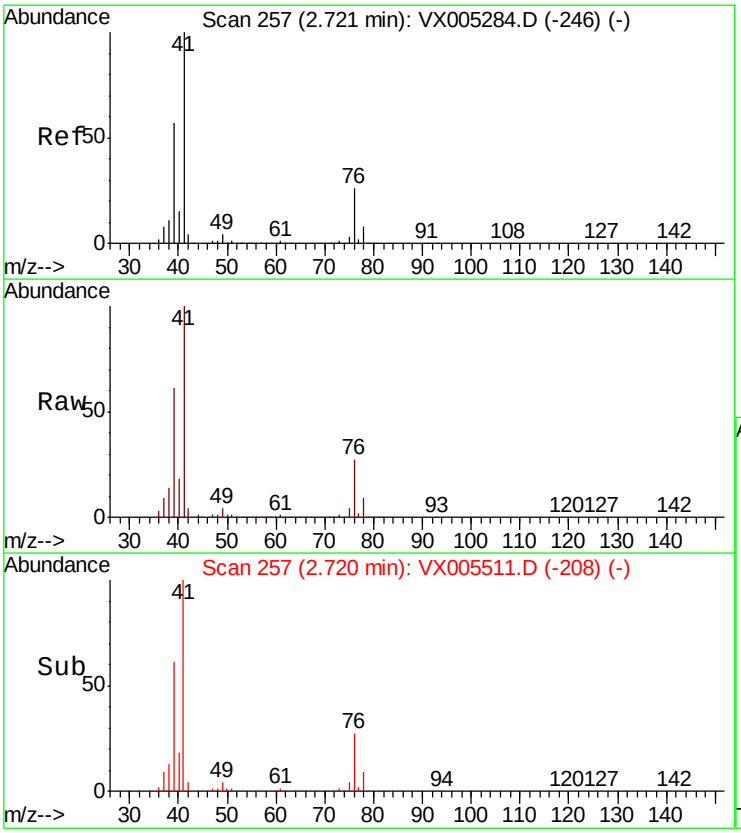
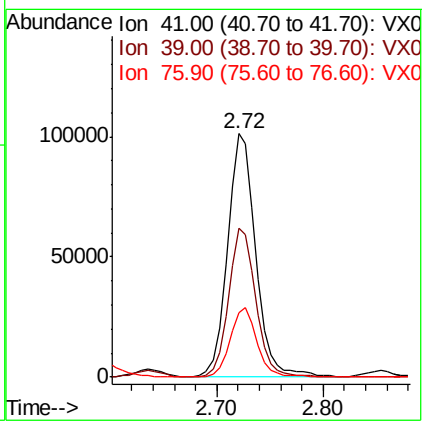
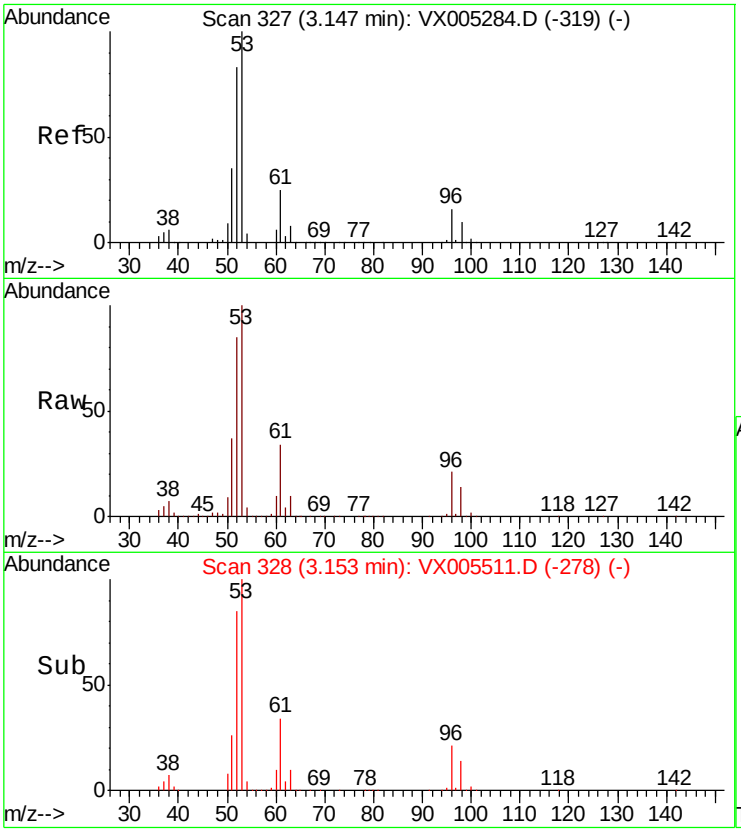


#14
Allyl chloride
Concen: 52.067 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 41 Resp: 187060

Ion	Ratio	Lower	Upper
41	100		
39	59.0	48.9	73.3
76	27.1	26.7	40.1

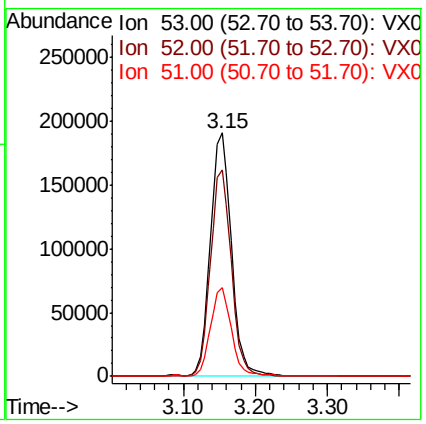




#15
Acrylonitrile
Concen: 290.457 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 53 Resp: 385000

Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.2	97.8
51	36.2	28.2	42.2



Instrument :
MSVOA_X
ClientSampleId :
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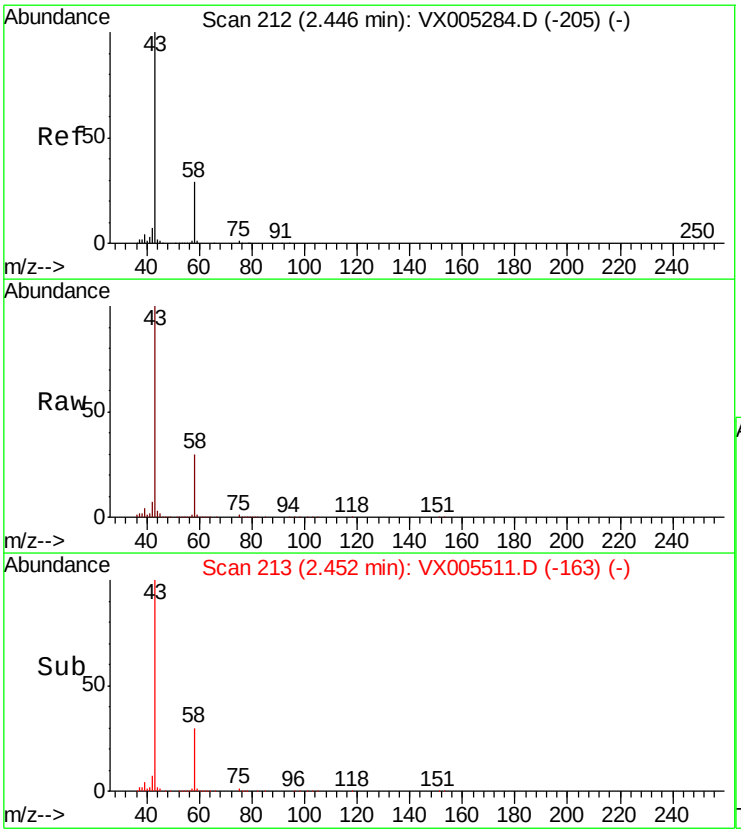
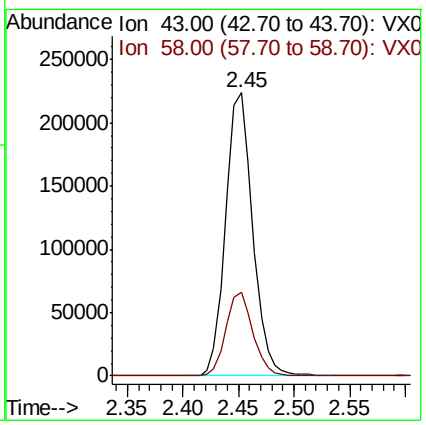
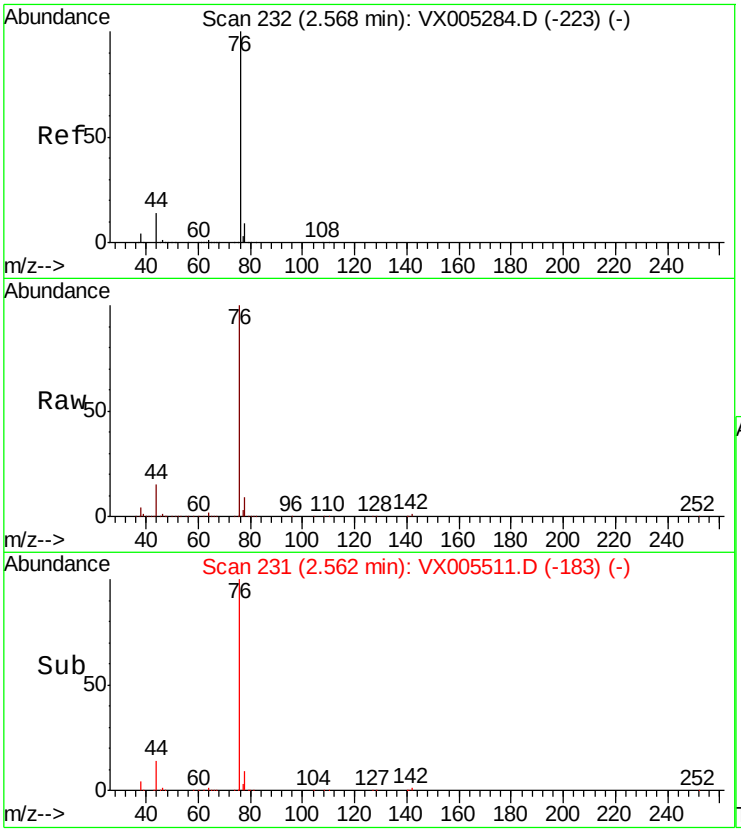


#16
Acetone
Concen: 314.328 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 43 Resp: 376858

Ion	Ratio	Lower	Upper
43	100		
58	29.5	26.2	39.4

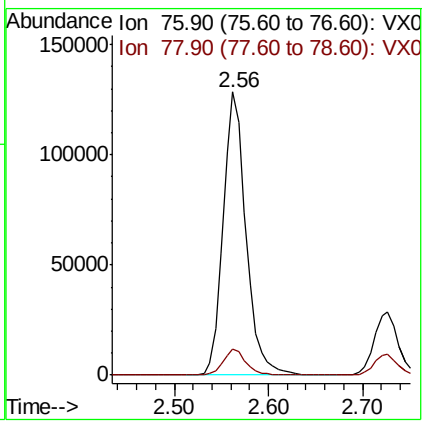




#17
Carbon Disulfide
Concen: 43.567 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 76 Resp: 215965

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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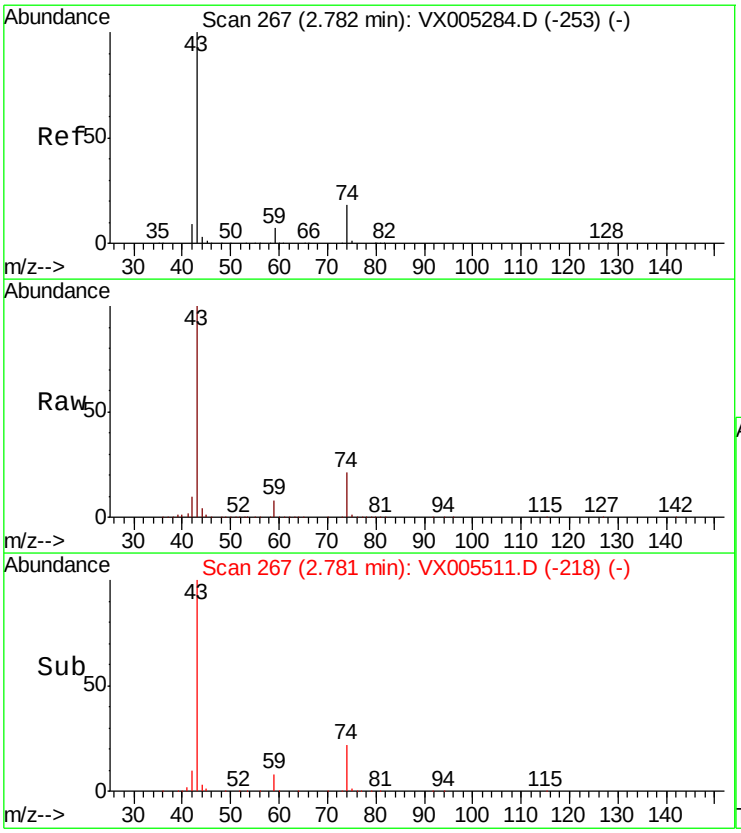
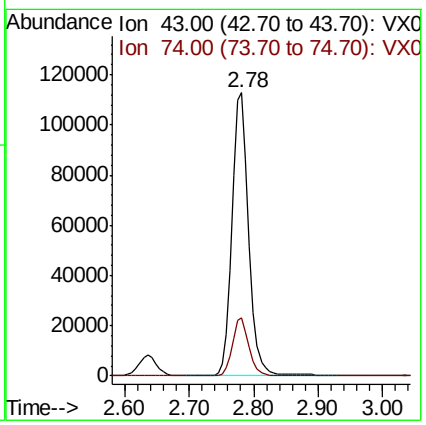
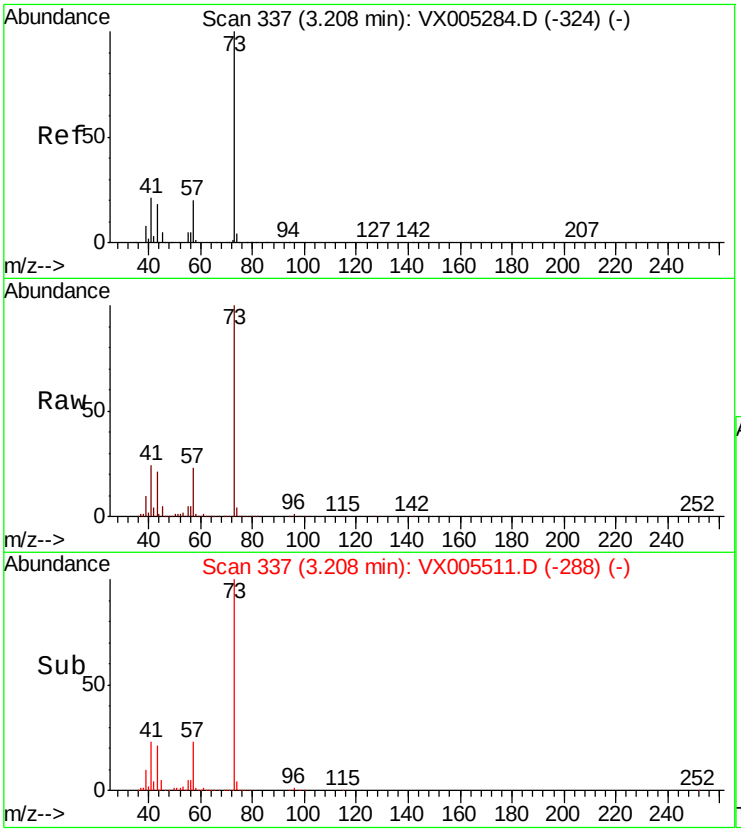


#18
Methyl Acetate
Concen: 59.755 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 43 Resp: 203820

Ion	Ratio	Lower	Upper
43	100		
74	20.5	19.4	29.2

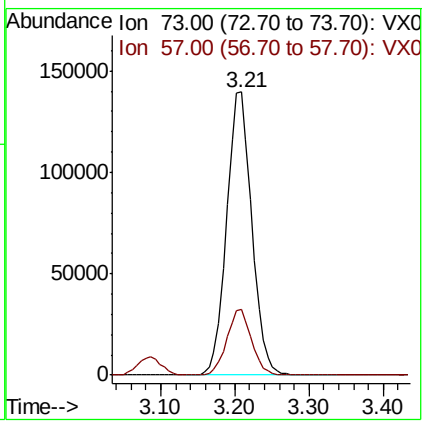




#19
Methyl tert-butyl Ether
Concen: 57.295 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 73 Resp: 330203

Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.1	25.7



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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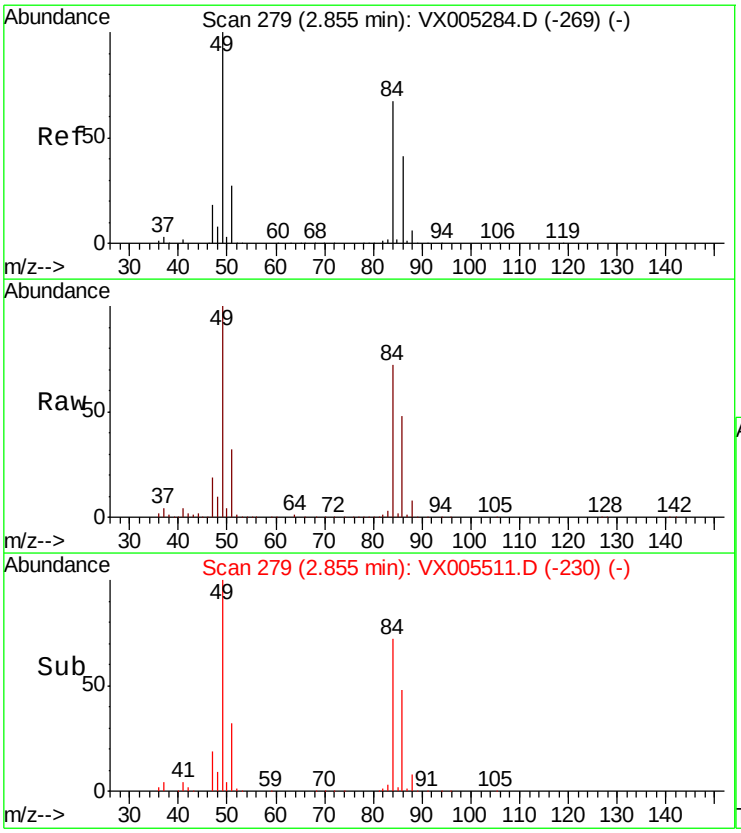
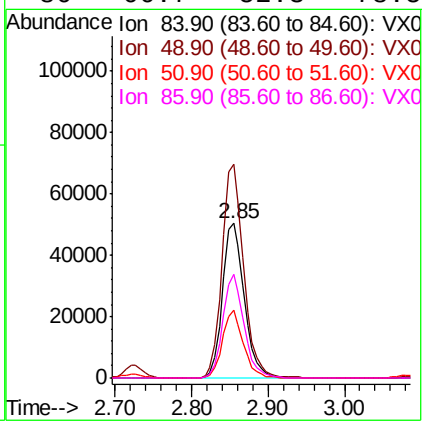
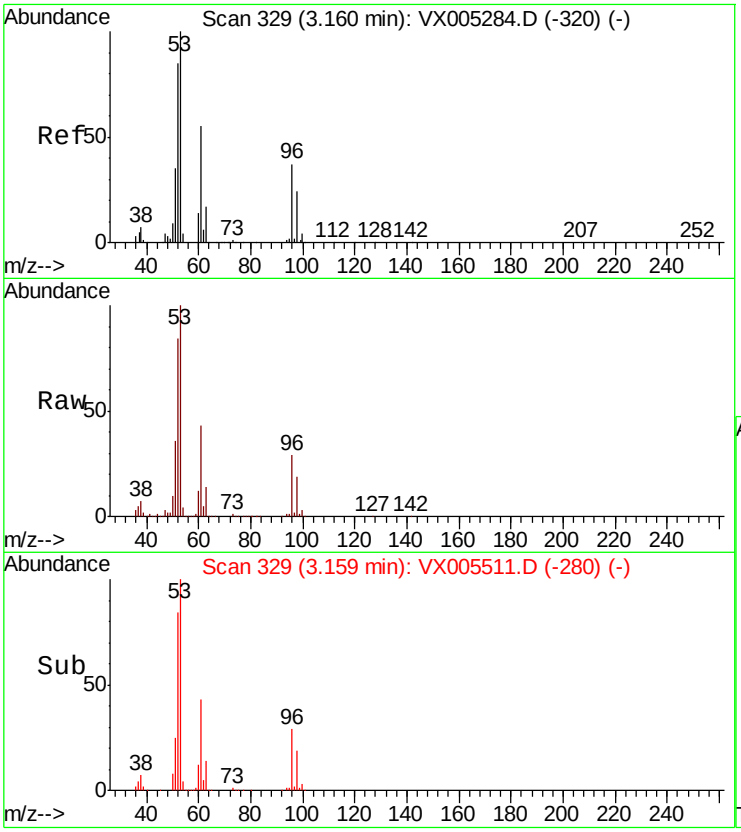


#20
Methylene Chloride
Concen: 56.893 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 84 Resp: 99073

Ion	Ratio	Lower	Upper
84	100		
49	138.0	101.2	151.8
51	43.6	29.5	44.3
86	66.7	52.3	78.5

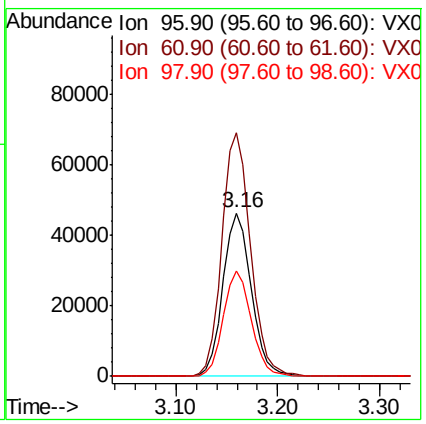




#21
trans-1,2-Dichloroethene
Concen: 49.139 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 96 Resp: 89112

Ion	Ratio	Lower	Upper
96	100		
61	149.0	113.8	170.6
98	64.6	51.8	77.8



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
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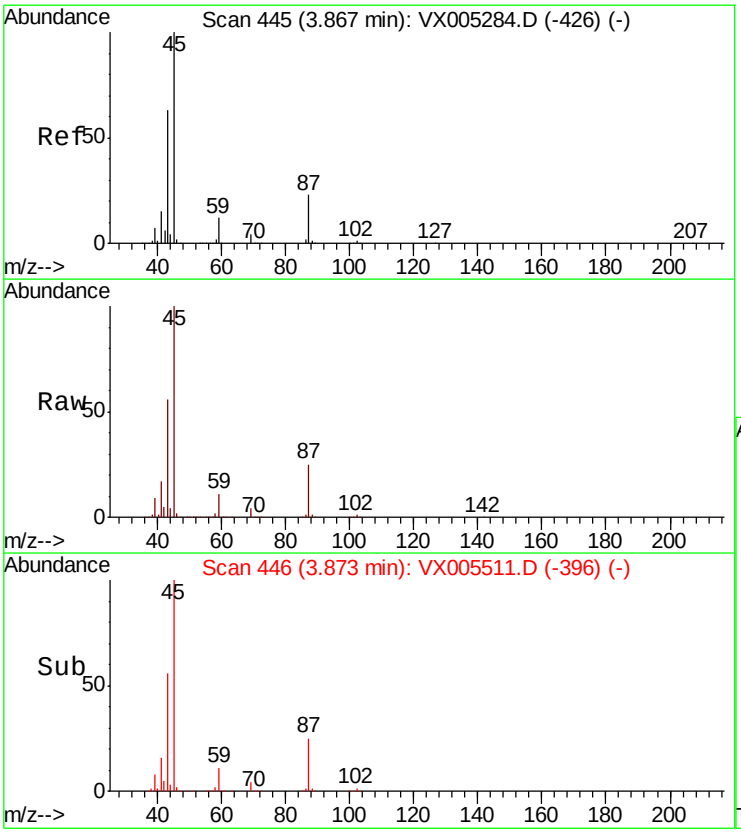
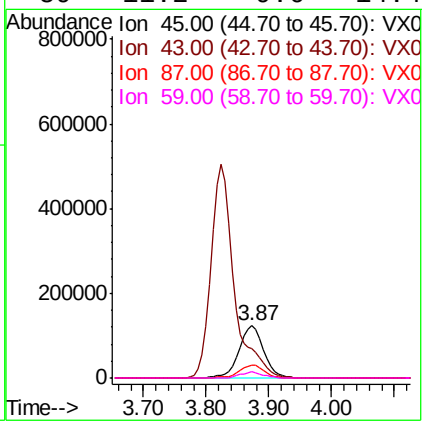
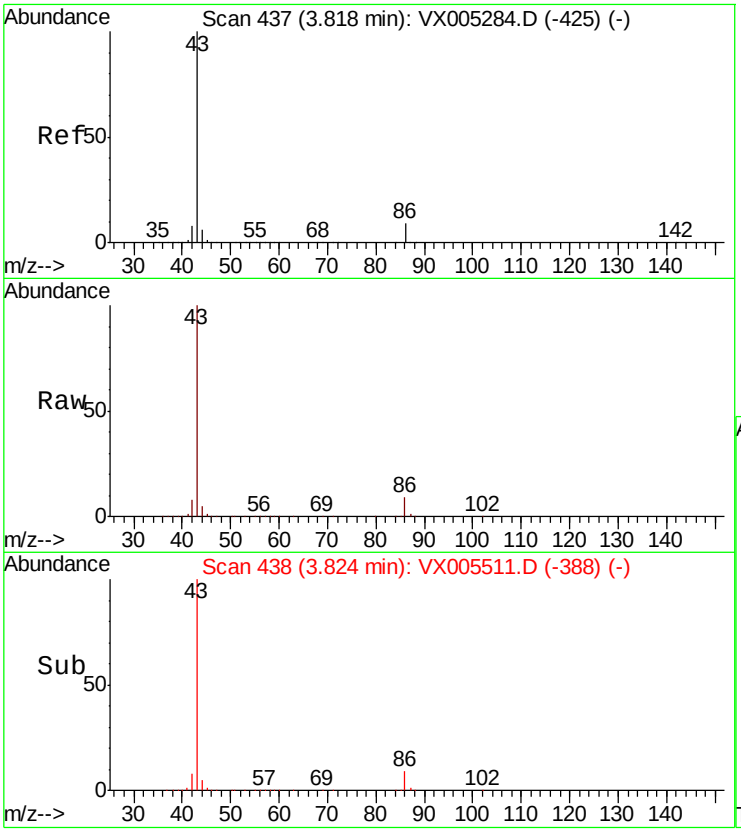


#22
Diisopropyl ether
Concen: 55.523 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 45 Resp: 335049

Ion	Ratio	Lower	Upper
45	100		
43	55.8	42.8	64.2
87	25.0	22.6	34.0
59	11.2	9.6	14.4

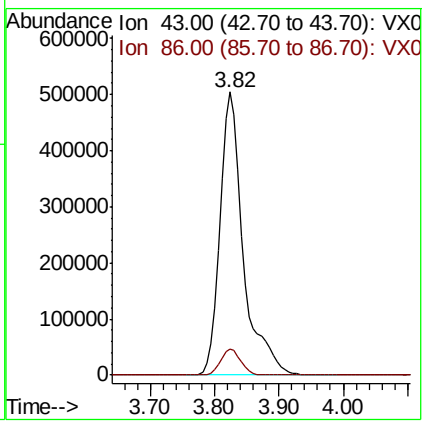




#23
Vinyl Acetate
Concen: 243.905 ug/l
RT: 3.82 min Scan# 438
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 43 Resp: 1286424

Ion	Ratio	Lower	Upper
43	100		
86	9.1	8.9	13.3



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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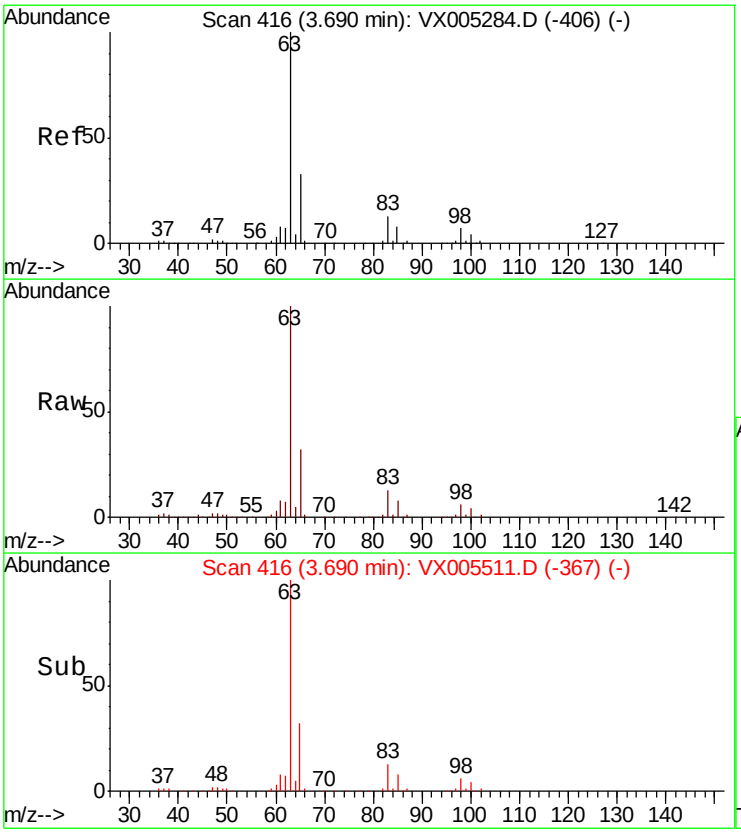
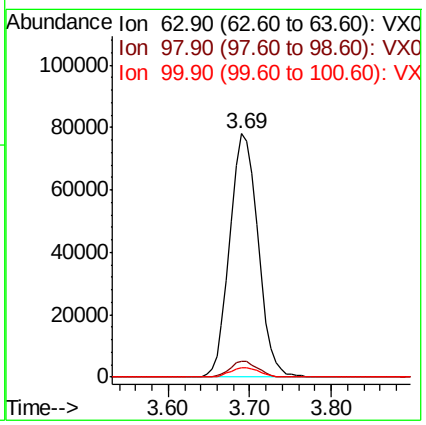
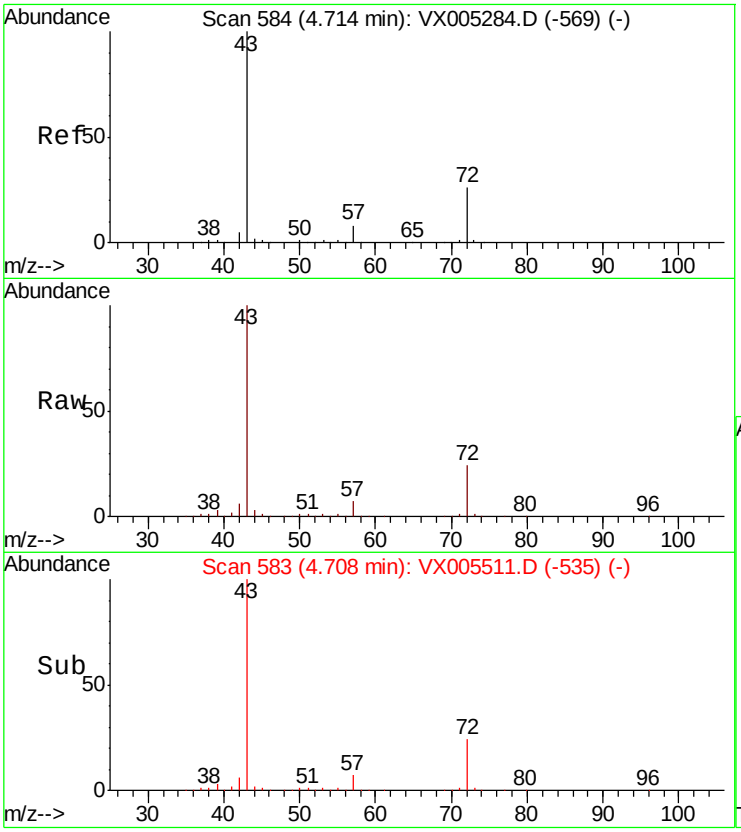


#24
1,1-Dichloroethane
Concen: 54.141 ug/l
RT: 3.69 min Scan# 416
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 63 Resp: 187242

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.5	10.4
100	3.9	2.4	7.1

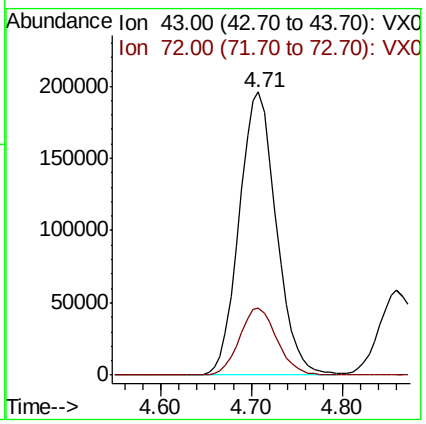




#25
2-Butanone
Concen: 316.302 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 43 Resp: 554851

Ion	Ratio	Lower	Upper
43	100		
72	23.8	22.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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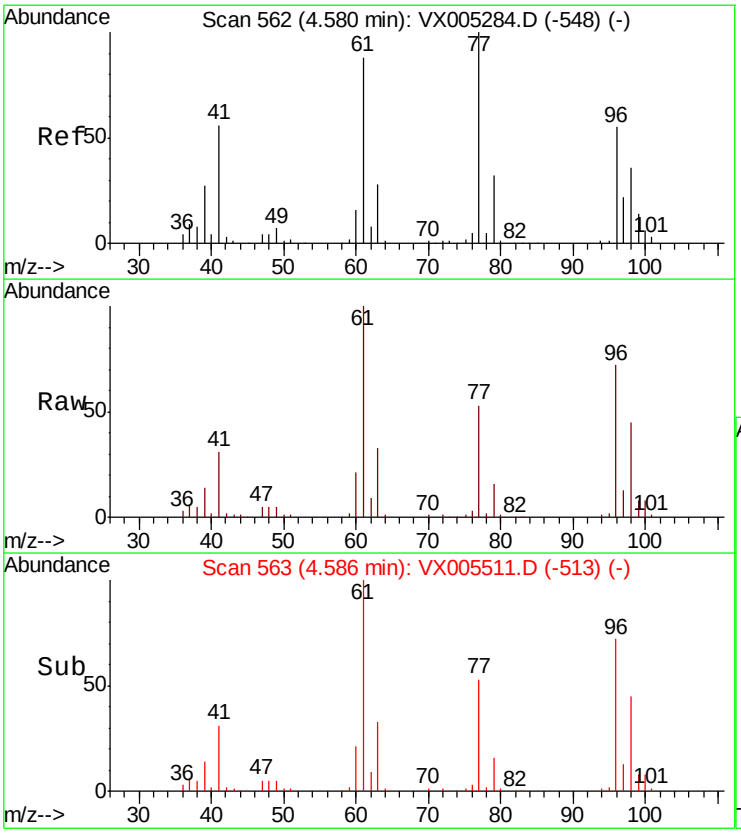
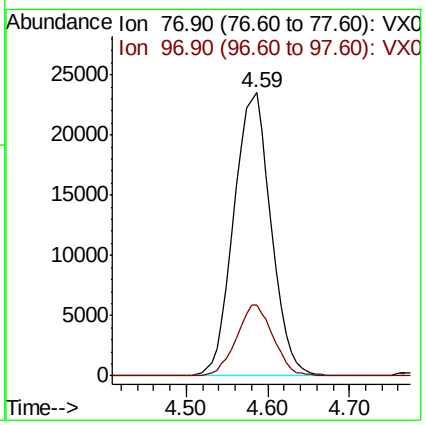
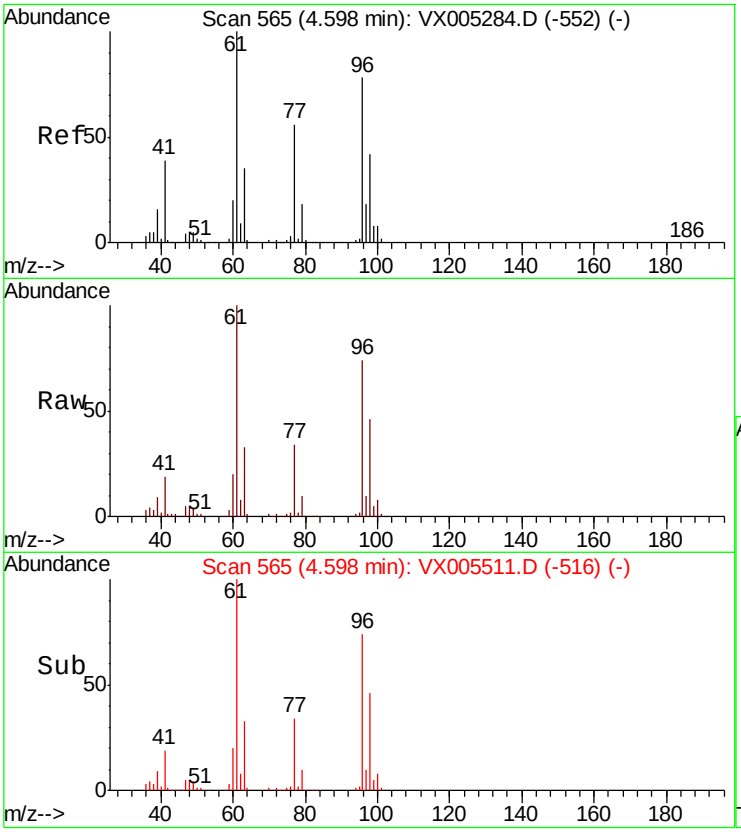


#26
2,2-Dichloropropane
Concen: 28.807 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 77 Resp: 74510

Ion	Ratio	Lower	Upper
77	100		
97	24.8	11.7	35.0

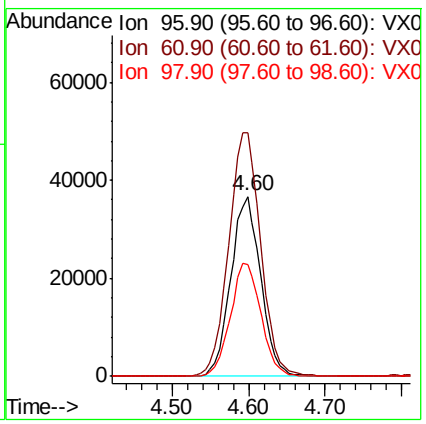




#27
cis-1,2-Dichloroethene
Concen: 50.440 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 96 Resp: 99409

Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	282.6
98	64.3	0.0	130.2



Instrument :
MSVOA_X
ClientSampleId :
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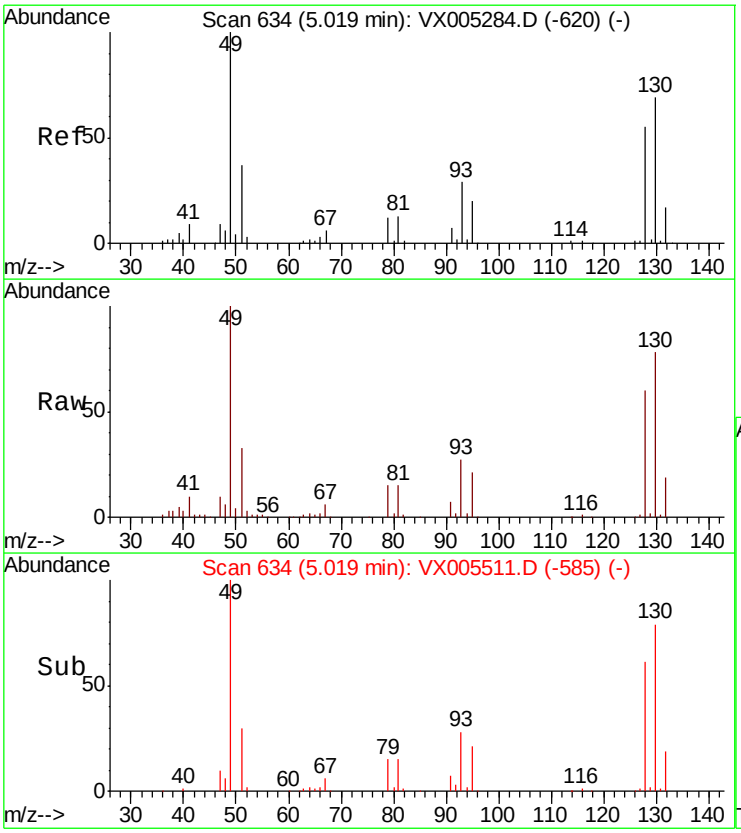
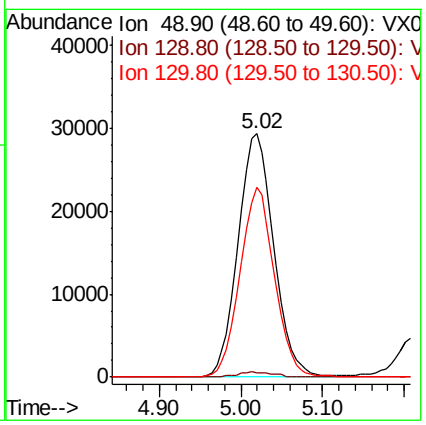
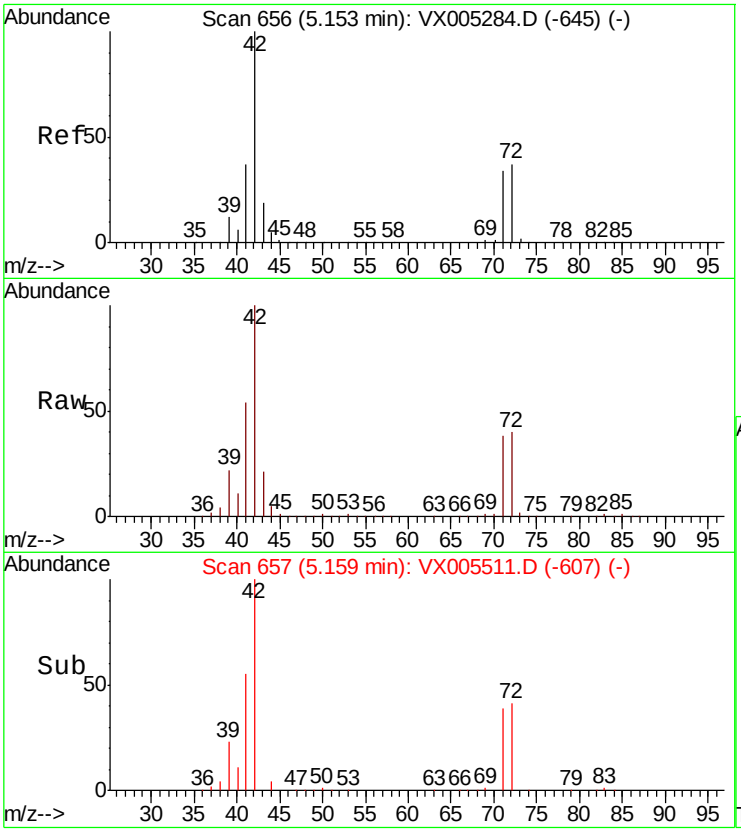


#28
Bromochloromethane
Concen: 56.782 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 49 Resp: 89521

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	74.9	67.5	101.3

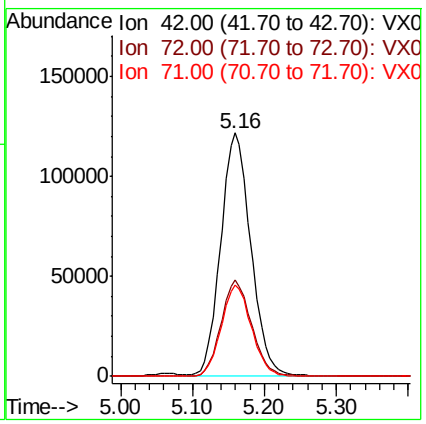




#29
Tetrahydrofuran
Concen: 315.516 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 42 Resp: 353045

Ion	Ratio	Lower	Upper
42	100		
72	40.1	37.4	56.0
71	37.7	34.5	51.7



Instrument :
MSVOA_X
ClientSampleId :
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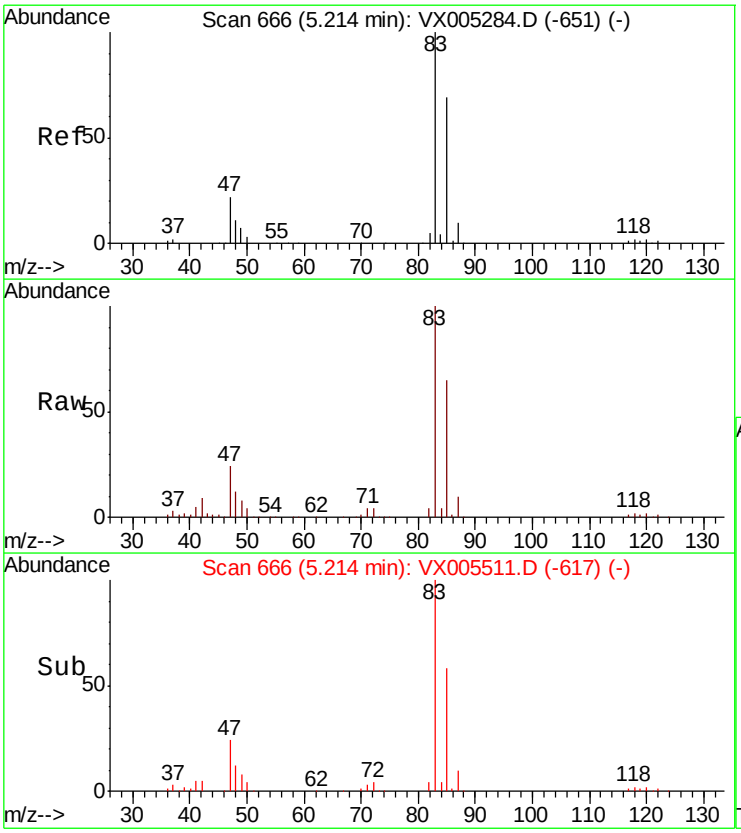
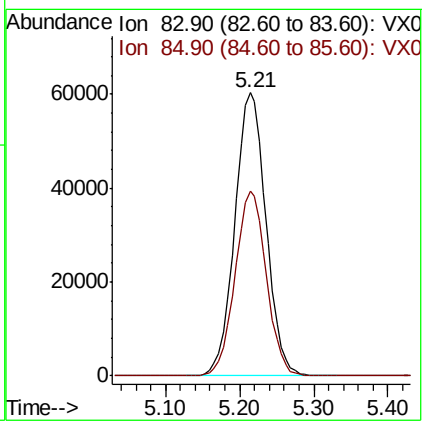
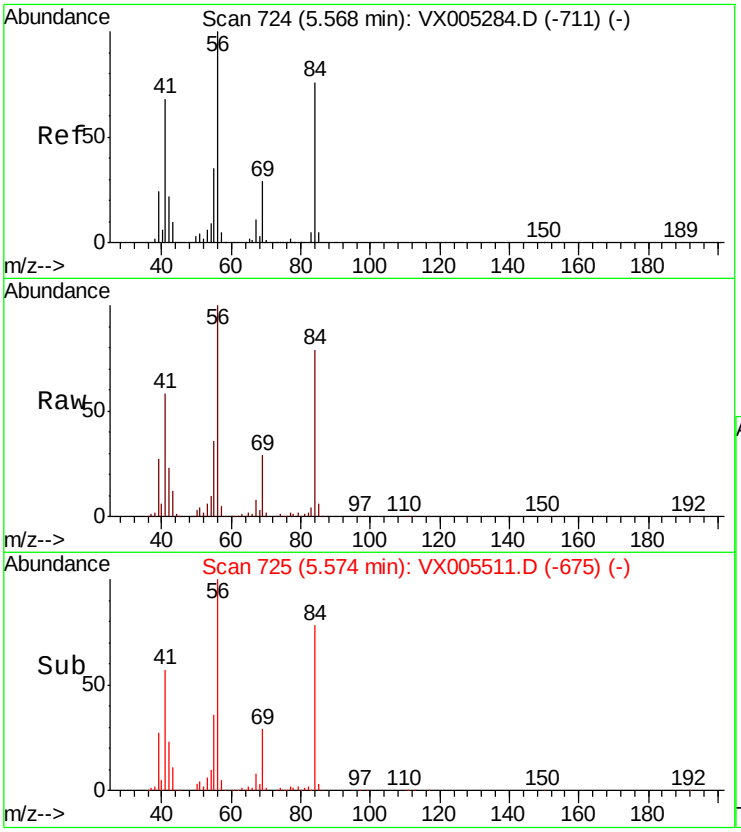


#30
Chloroform
Concen: 55.200 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 83 Resp: 177195

Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0

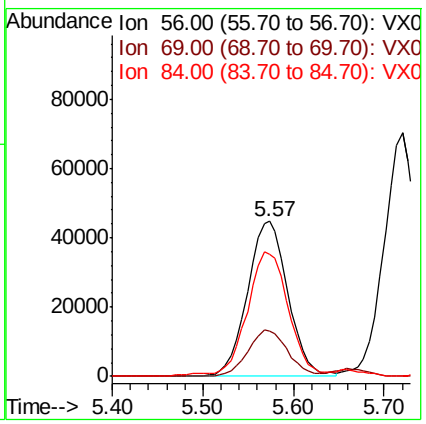




#31
Cyclohexane
Concen: 48.395 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 56 Resp: 137946

Ion	Ratio	Lower	Upper
56	100		
69	28.8	25.4	38.2
84	77.2	71.4	107.2



Instrument :
MSVOA_X
ClientSampleId :
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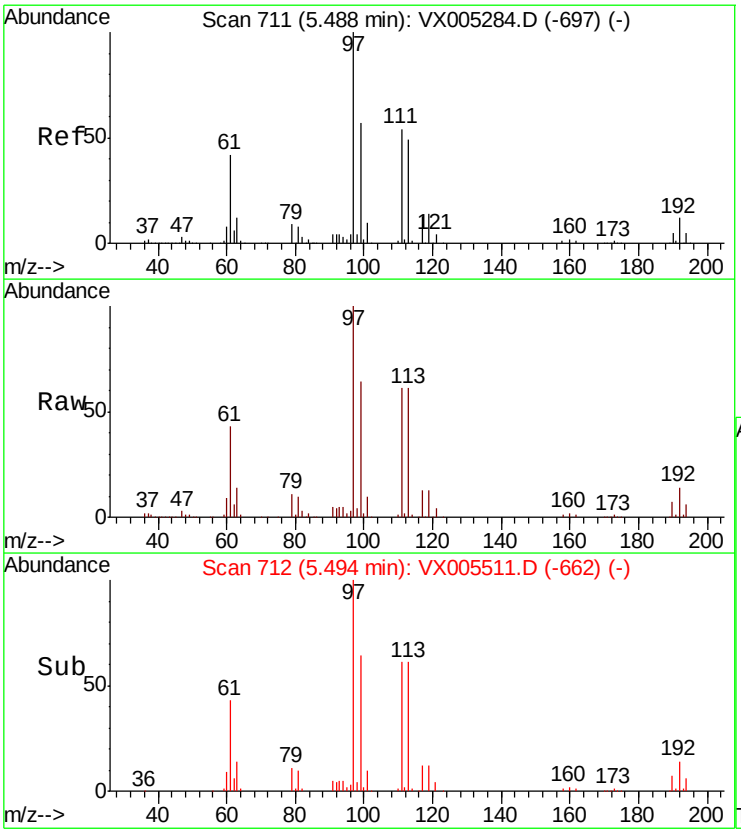
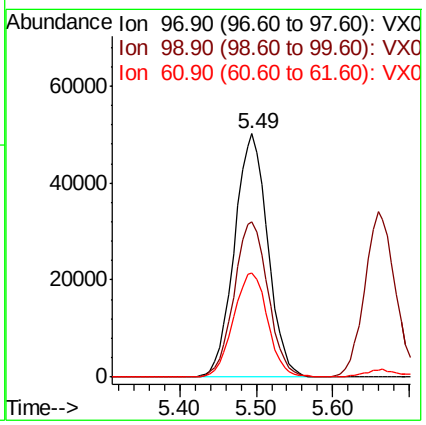
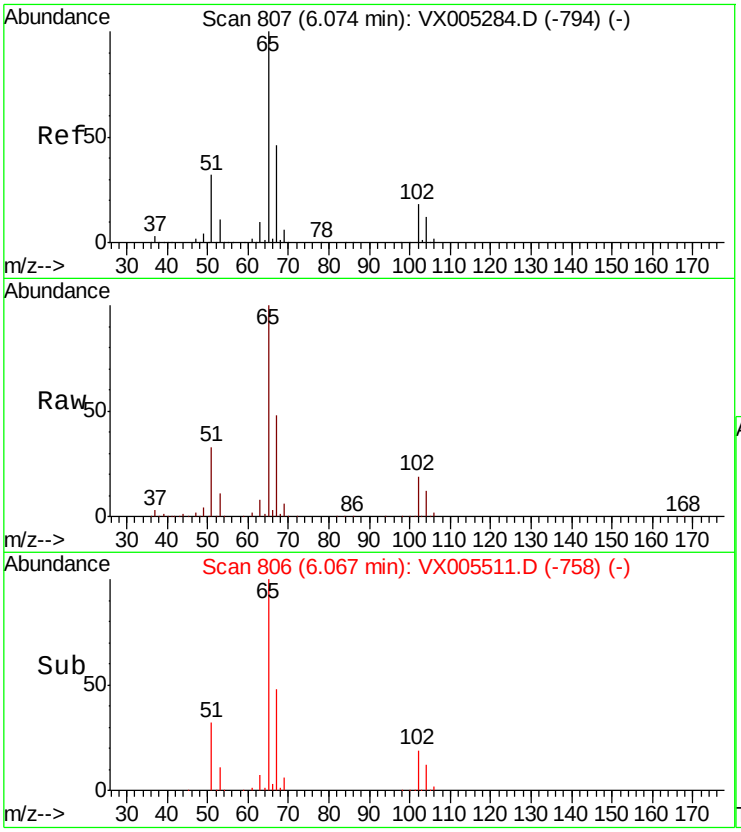


#32
1,1,1-Trichloroethane
Concen: 54.412 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 97 Resp: 151978

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	44.1	34.9	52.3





#33
1,2-Dichloroethane-d4
Concen: 60.713 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 65 Resp: 125894

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8

Instrument :
MSVOA_X
ClientSampleId :
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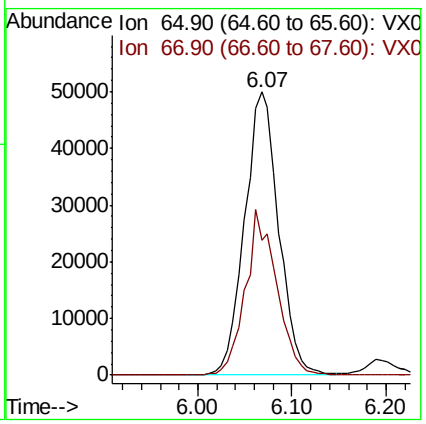
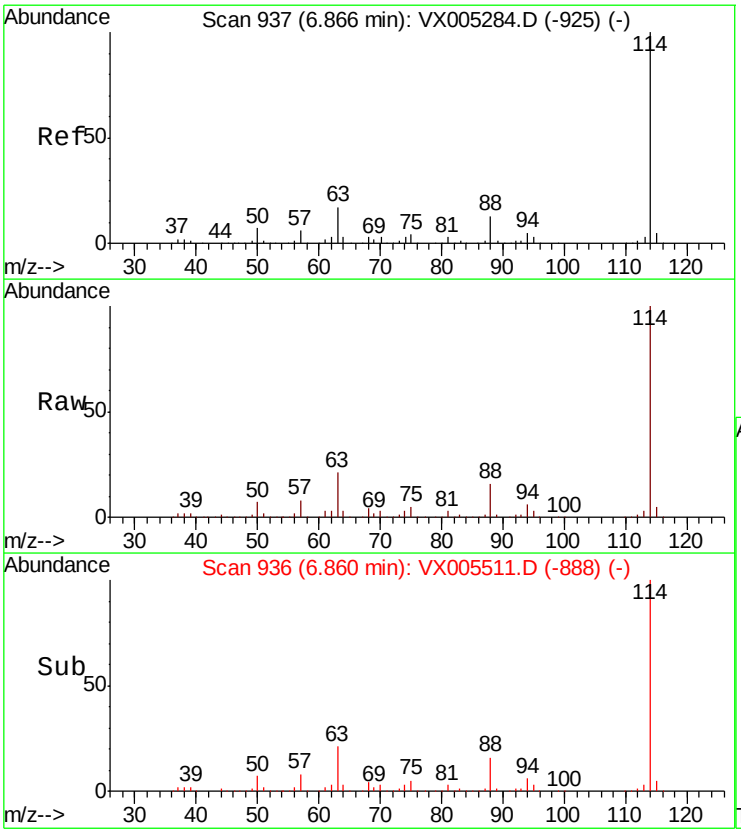
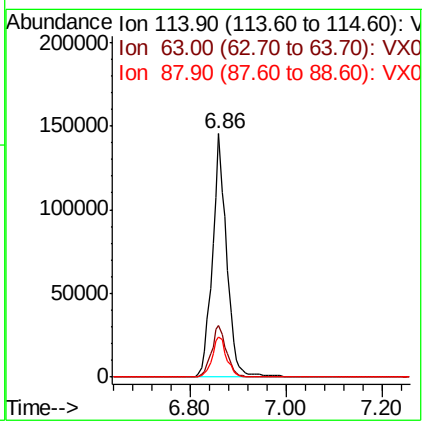


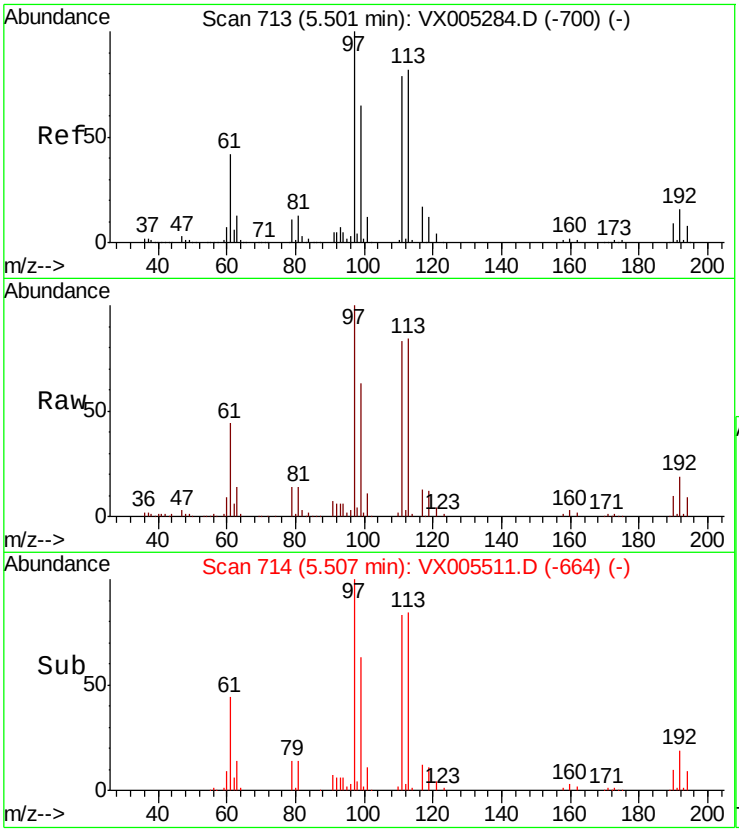


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:114 Resp: 298928

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	16.3	0.0	30.4

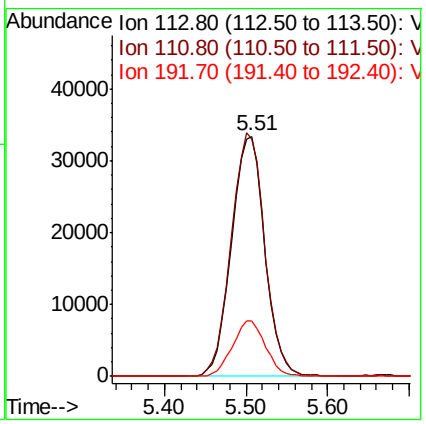




#35
Dibromofluoromethane
Concen: 47.613 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:113 Resp: 94267

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	23.1	19.4	29.2



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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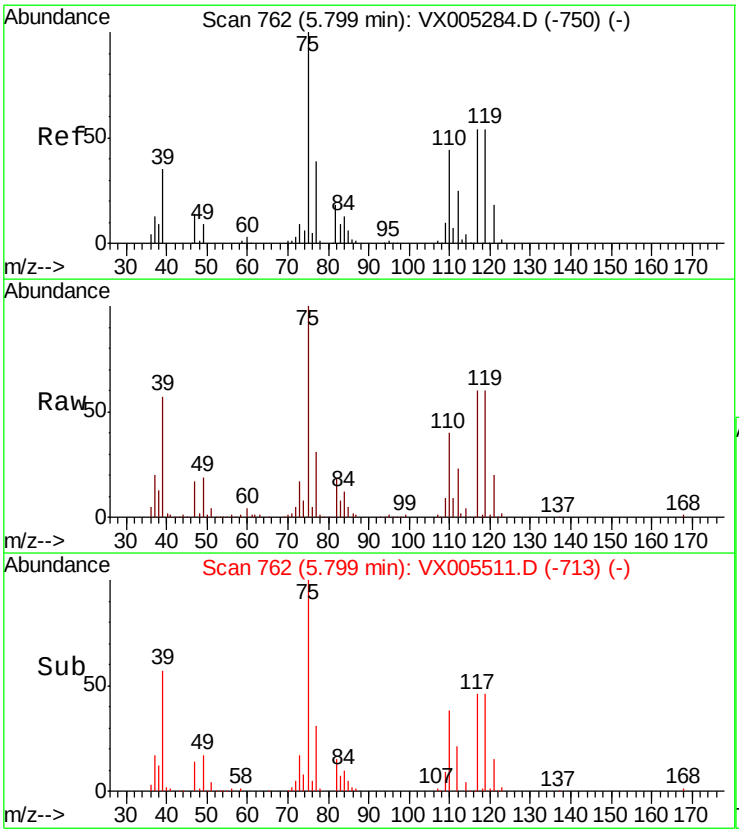
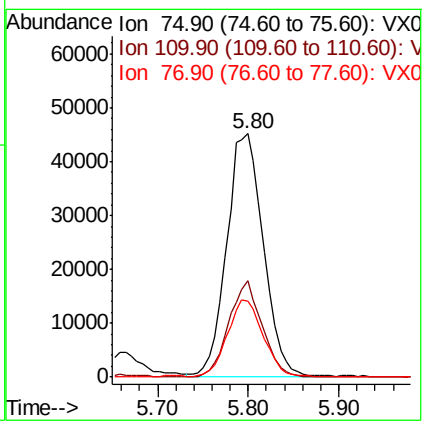
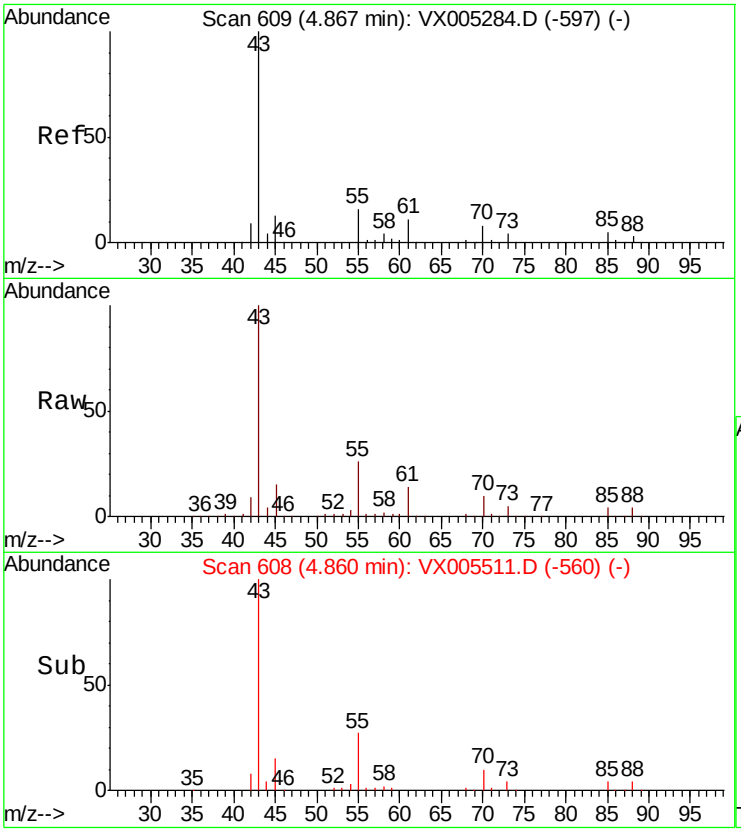


#36
1,1-Dichloropropene
Concen: 43.489 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 75 Resp: 125906

Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.0	54.0
77	31.7	24.6	36.8

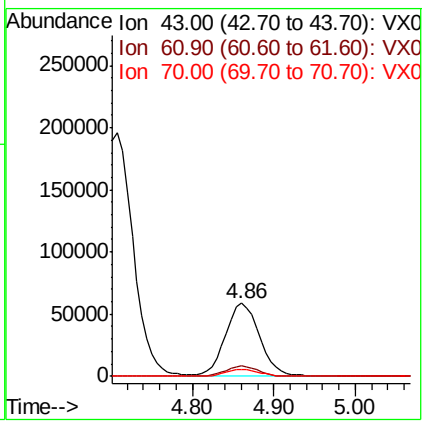




#37
Ethyl Acetate
Concen: 45.752 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 43 Resp: 170343

Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	9.8	9.0	13.6



Instrument :
MSVOA_X
ClientSampleId :
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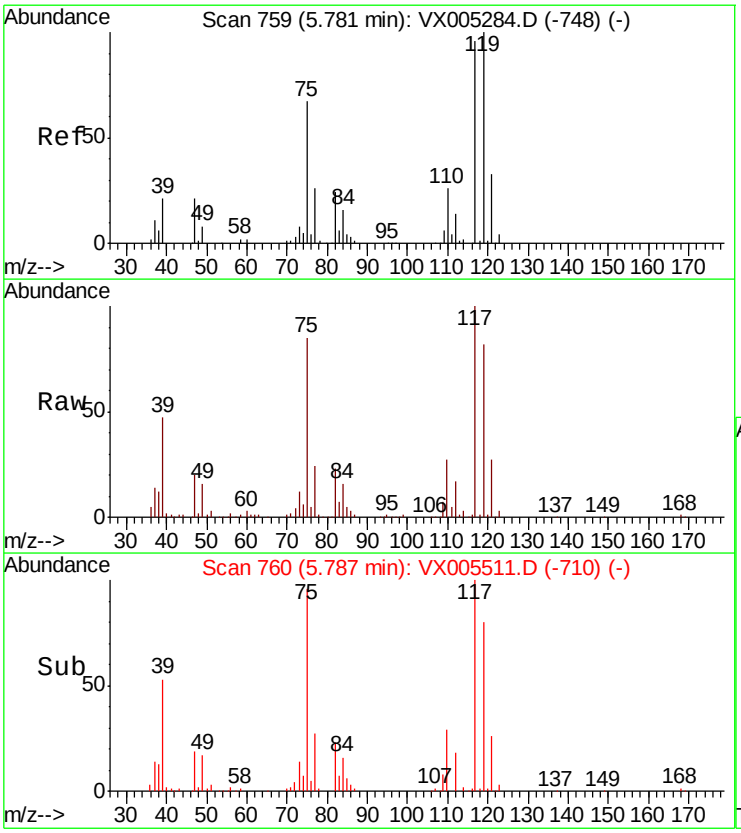
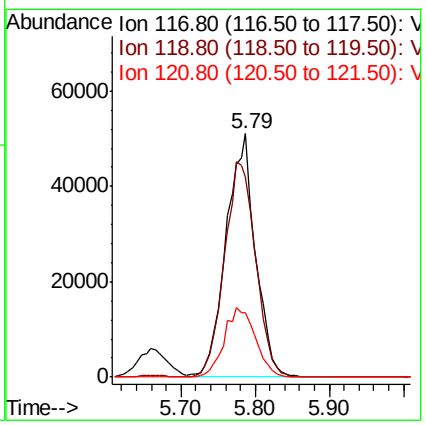
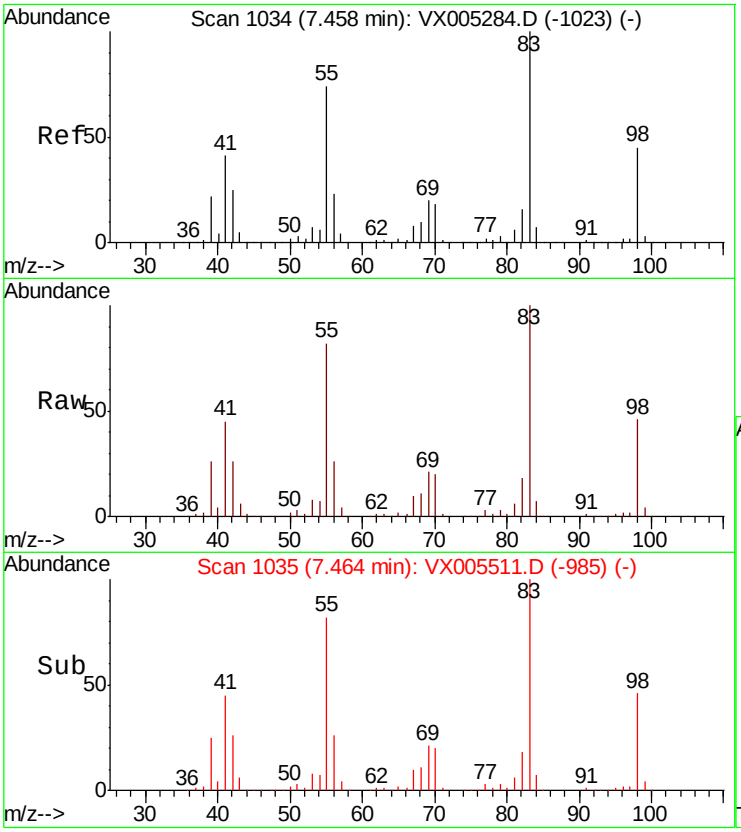


#38
Carbon Tetrachloride
Concen: 48.478 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:117 Resp: 141020

Ion	Ratio	Lower	Upper
117	100		
119	82.2	78.8	118.2
121	26.7	24.9	37.3

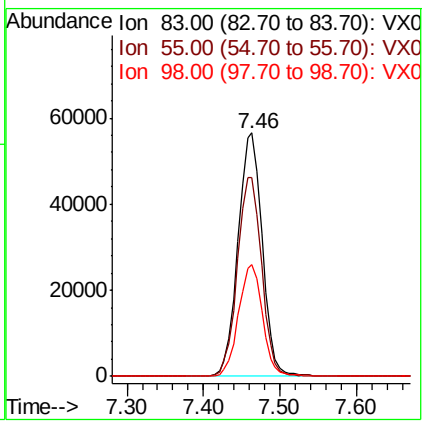




#39
Methylcyclohexane
Concen: 39.698 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 83 Resp: 124386

Ion	Ratio	Lower	Upper
83	100		
55	81.6	61.0	91.4
98	45.9	39.6	59.4



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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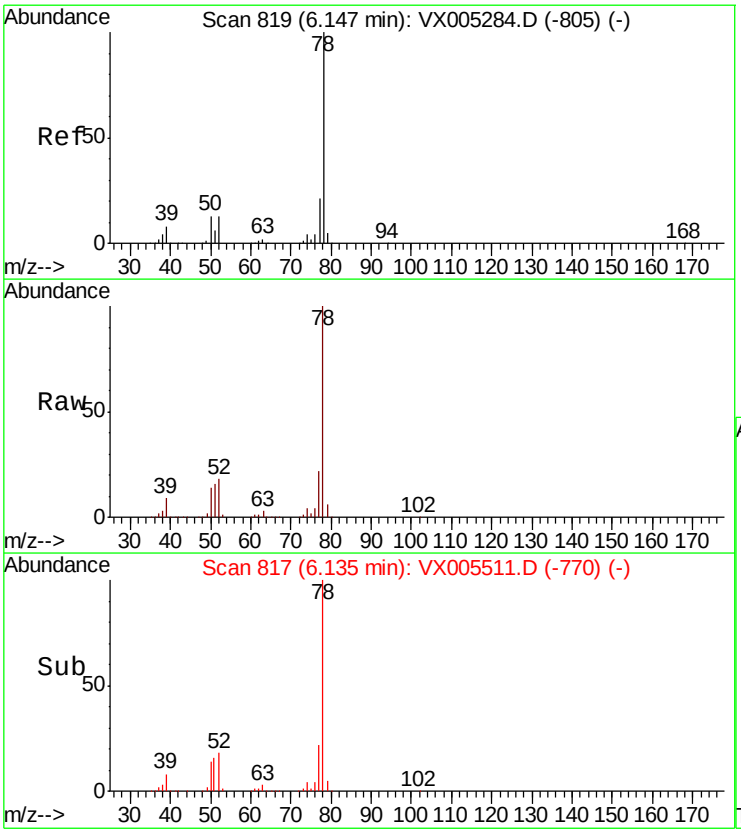
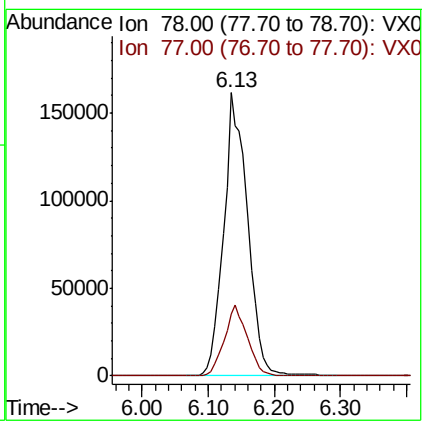
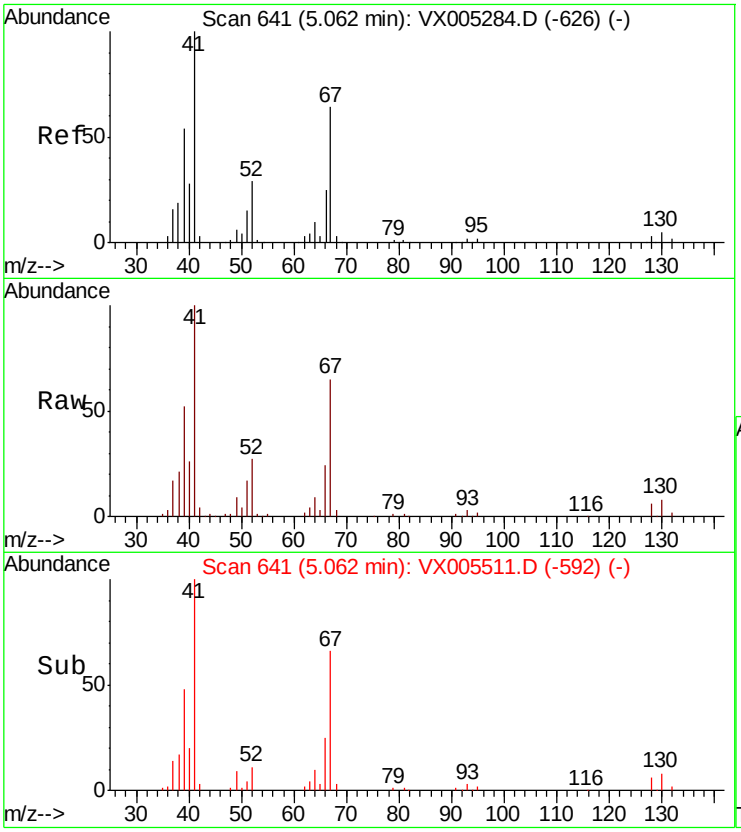


#40
Benzene
Concen: 46.569 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 78 Resp: 404443

Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.0	28.4

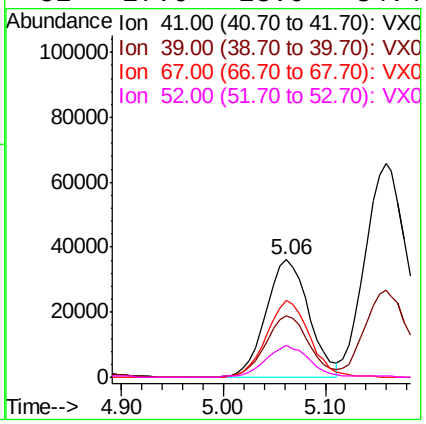




#41
Methacrylonitrile
Concen: 52.936 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 41 Resp: 105661

Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.4	63.6
67	65.6	59.2	88.8
52	27.6	23.0	34.4



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
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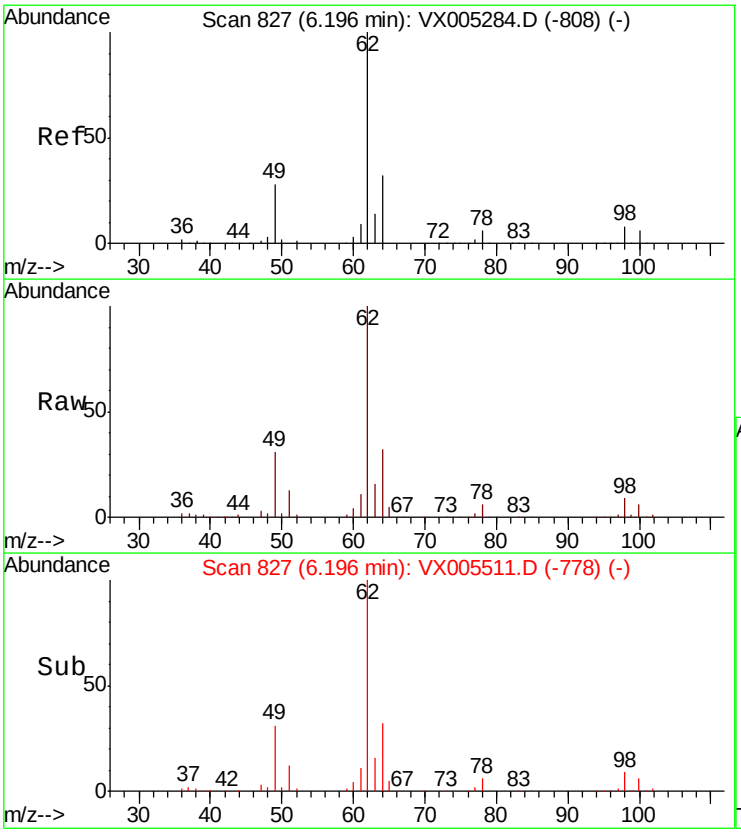
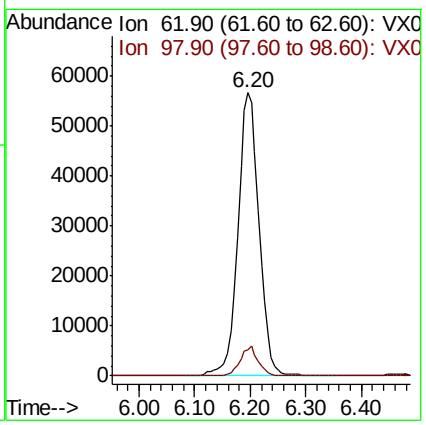
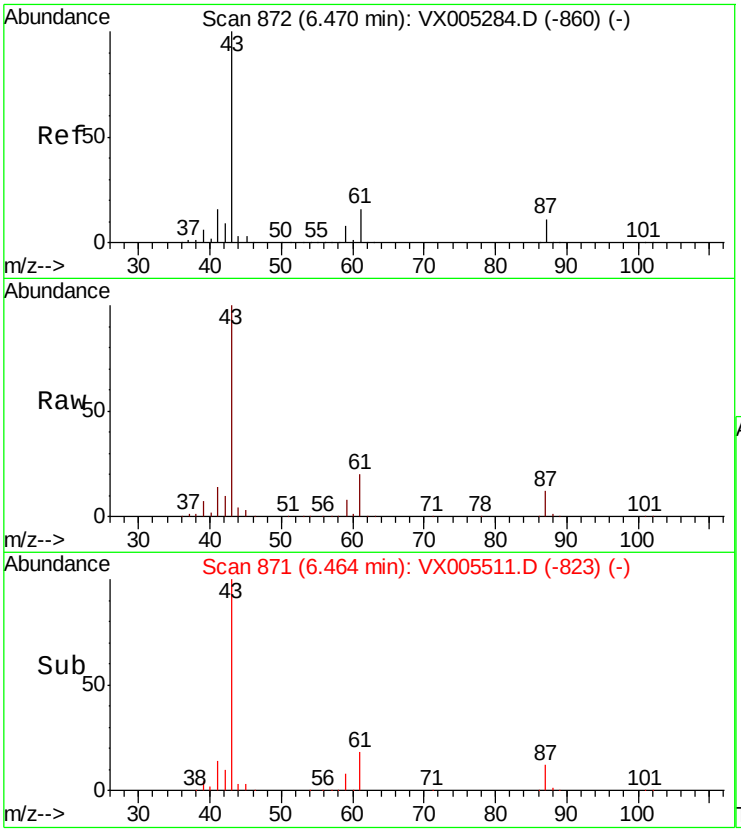


#42
1,2-Dichloroethane
Concen: 48.181 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 62 Resp: 147749

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.6

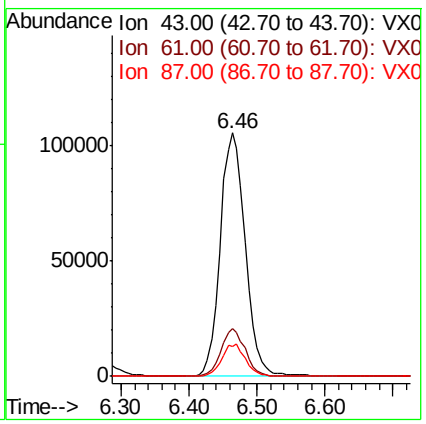




#43
Isopropyl Acetate
Concen: 53.930 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 43 Resp: 267474

Ion	Ratio	Lower	Upper
43	100		
61	18.8	17.0	25.4
87	12.6	11.4	17.2



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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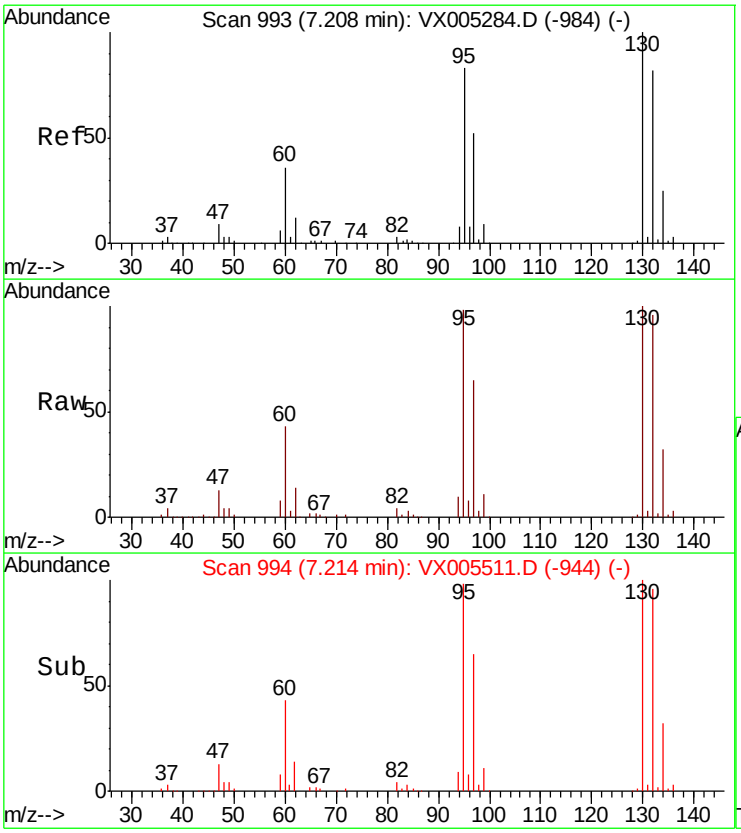
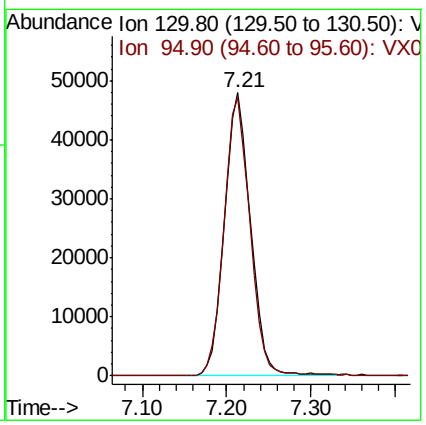
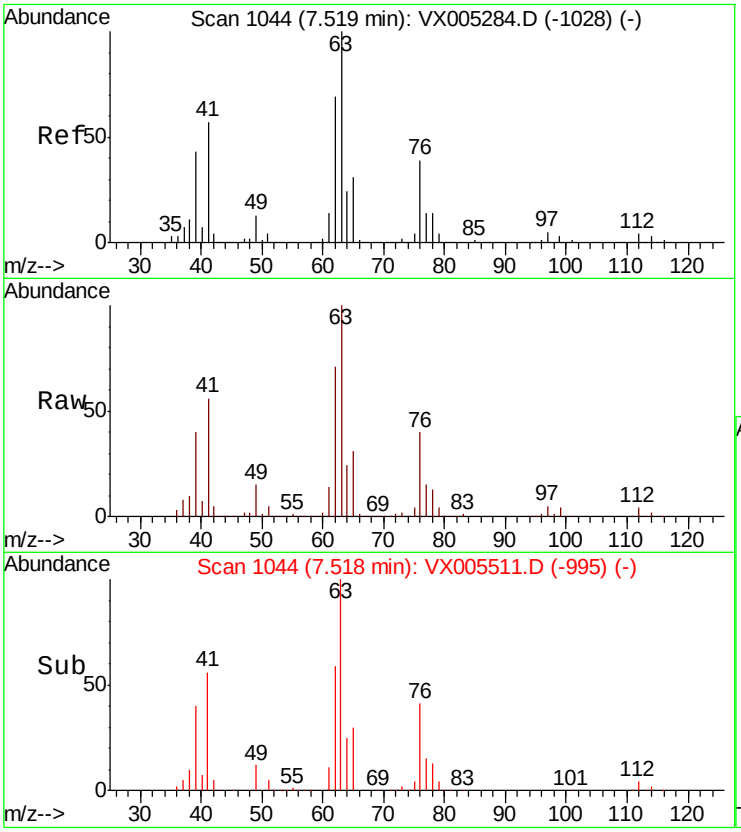


#44
Trichloroethene
Concen: 45.733 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:130 Resp: 101530

Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	181.6

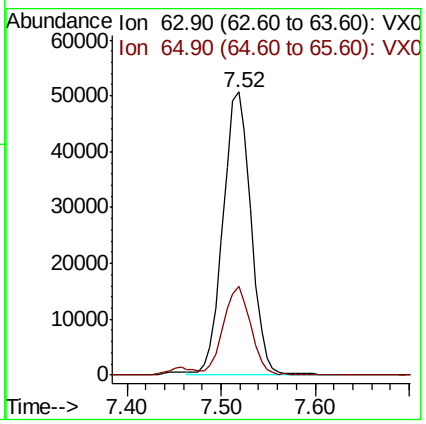




#45
1,2-Dichloropropane
Concen: 48.854 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 63 Resp: 104075

Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
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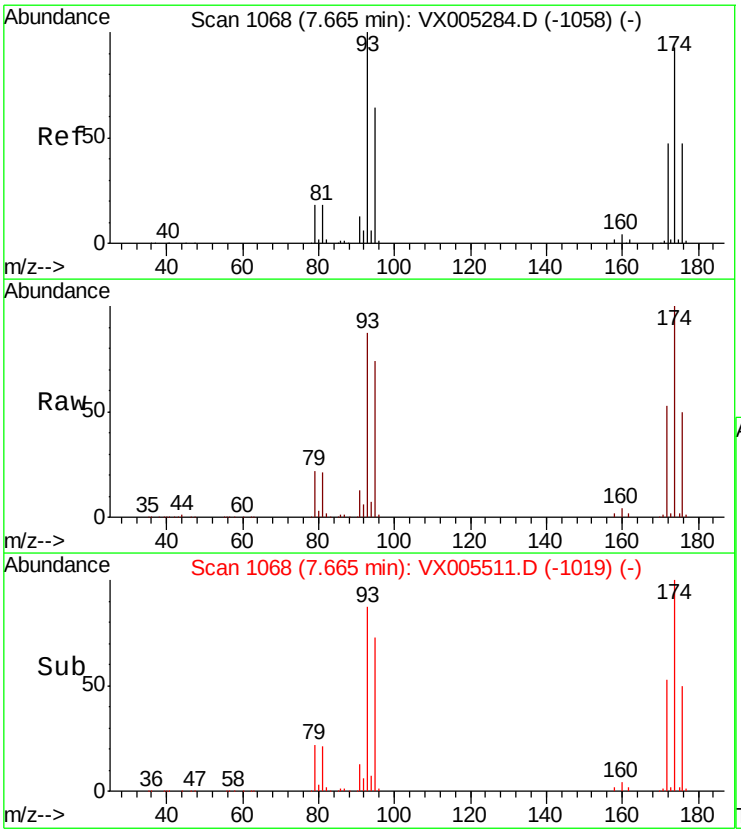
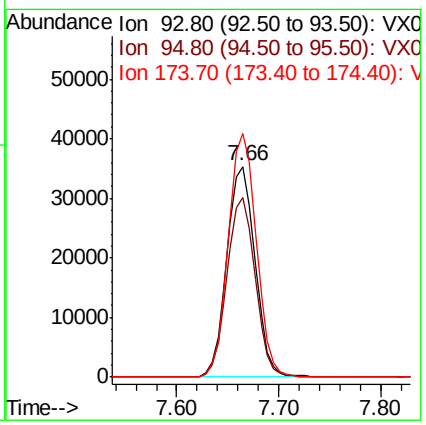
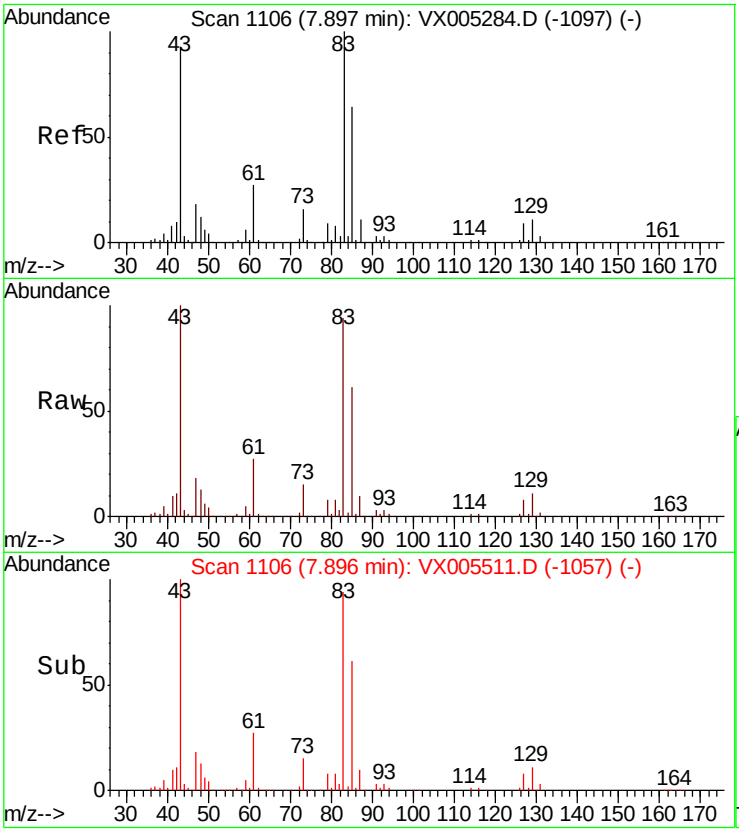


#46
Dibromomethane
Concen: 48.127 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 93 Resp: 67669

Ion	Ratio	Lower	Upper
93	100		
95	85.2	65.5	98.3
174	114.9	94.2	141.4

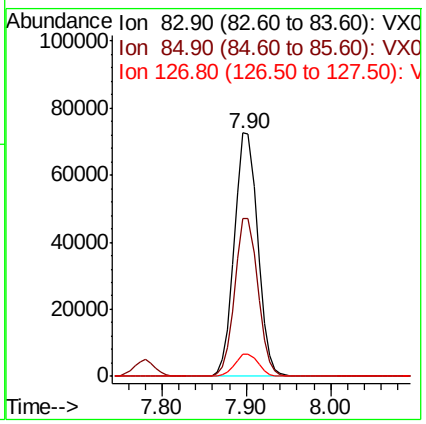




#47
Bromodichloromethane
Concen: 52.146 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 83 Resp: 135619

Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.9	76.3
127	8.8	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
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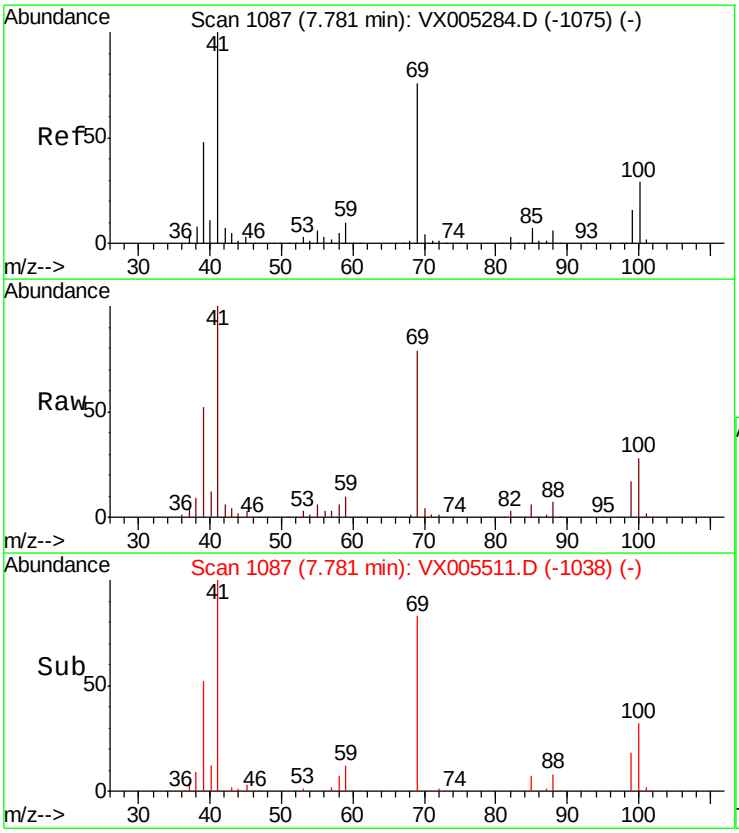
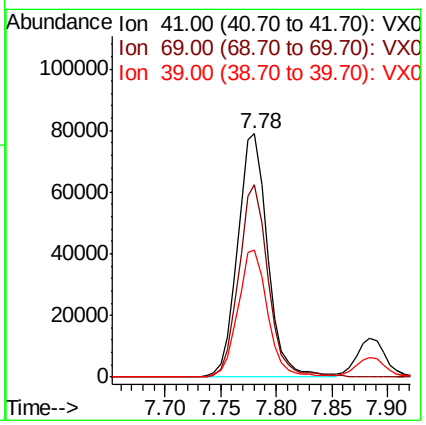
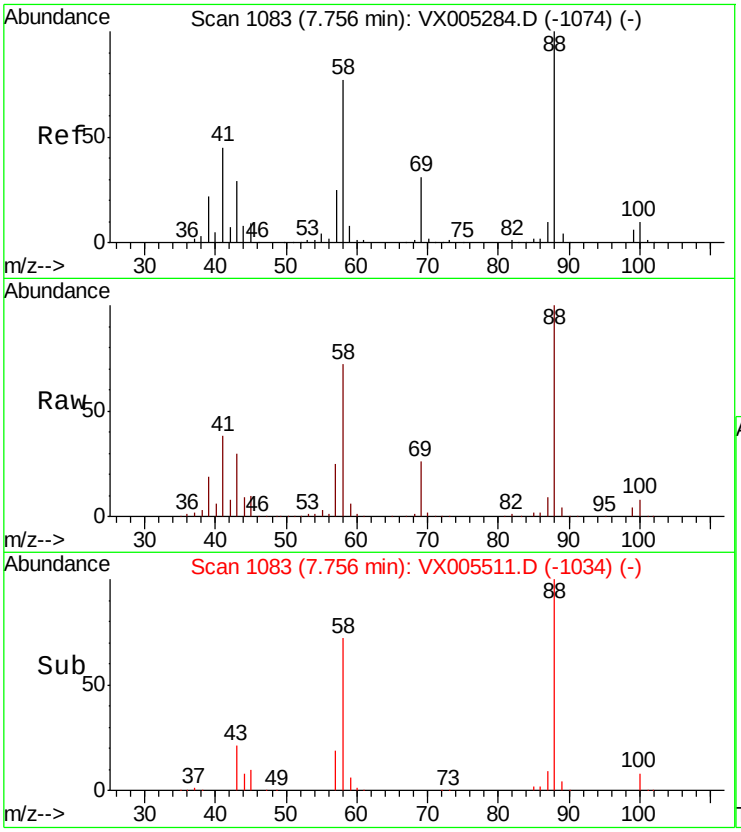


#48
Methyl methacrylate
Concen: 57.262 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 41 Resp: 147295

Ion	Ratio	Lower	Upper
41	100		
69	78.0	70.2	105.4
39	51.9	42.7	64.1

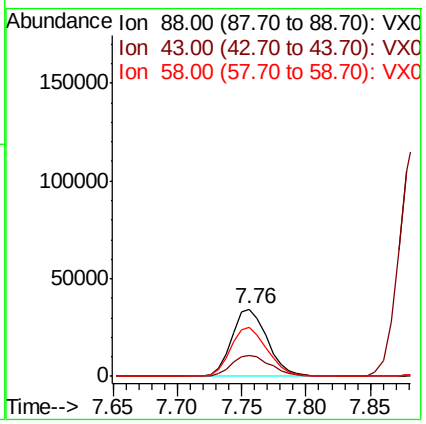




#49
1,4-Dioxane
Concen: 1120.568 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 88 Resp: 66483

Ion	Ratio	Lower	Upper
88	100		
43	34.2	24.7	37.1
58	74.6	55.3	82.9



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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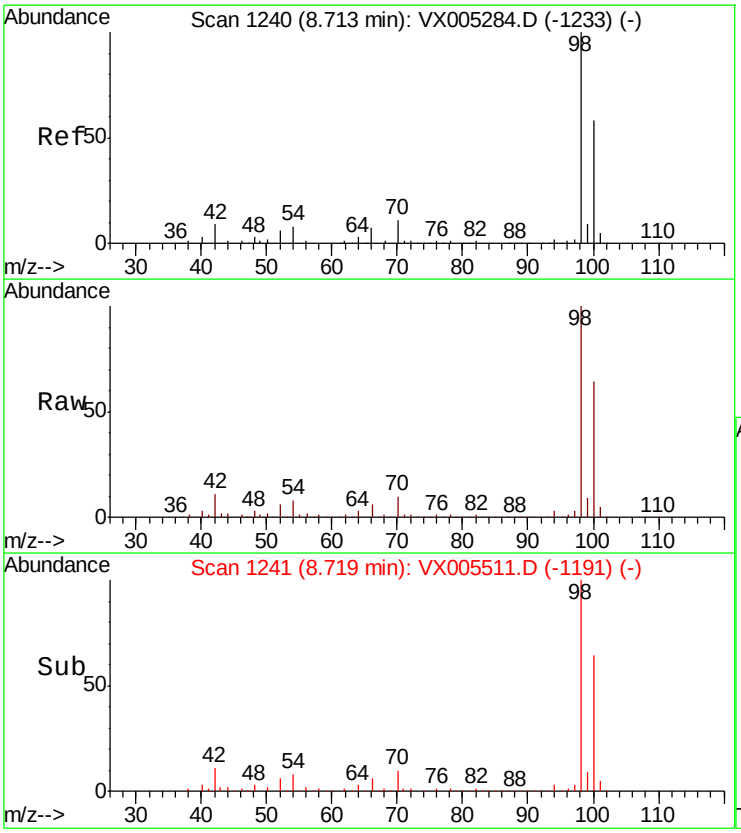
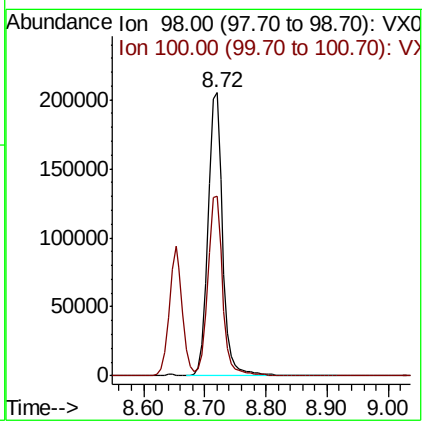
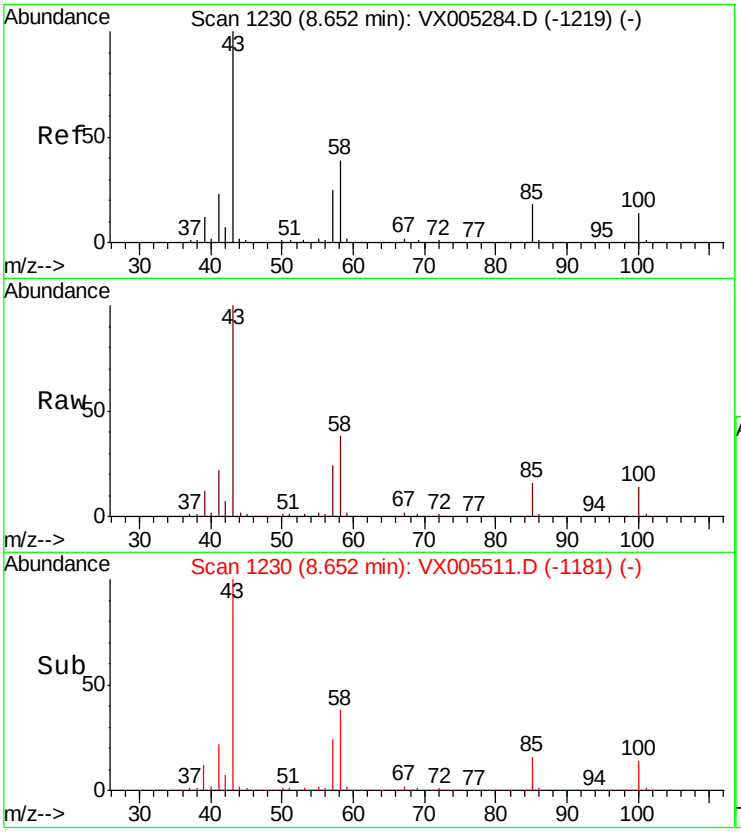


#50
Toluene-d8
Concen: 50.557 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 98 Resp: 343635

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.9	79.3

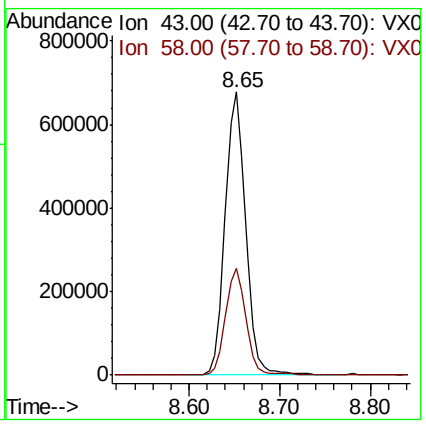




#51
4-Methyl-2-Pentanone
Concen: 310.978 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 43 Resp: 1067932

Ion	Ratio	Lower	Upper
43	100		
58	37.8	33.1	49.7



Instrument :
MSVOA_X
ClientSampleId :
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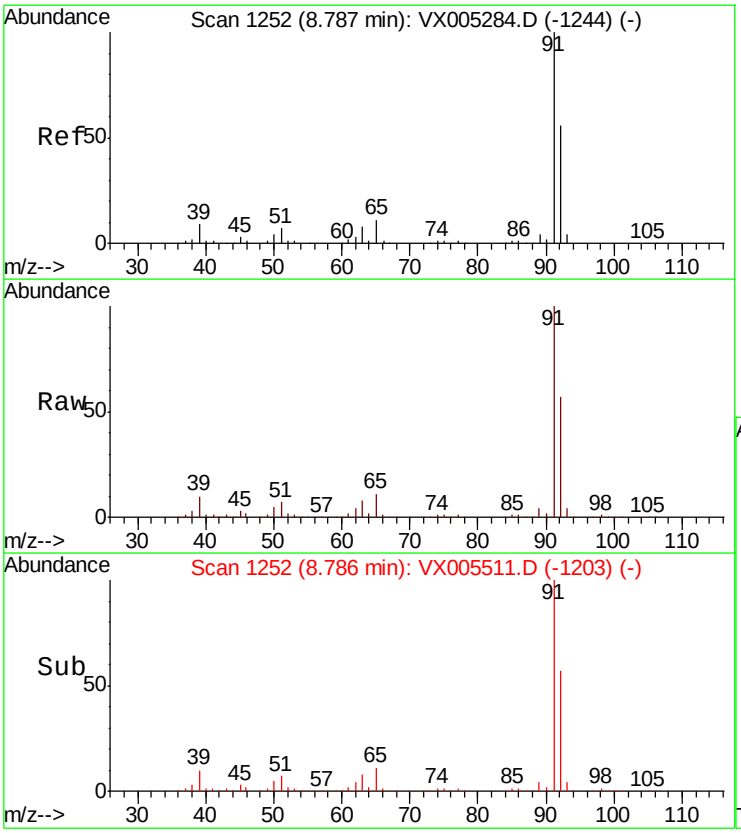
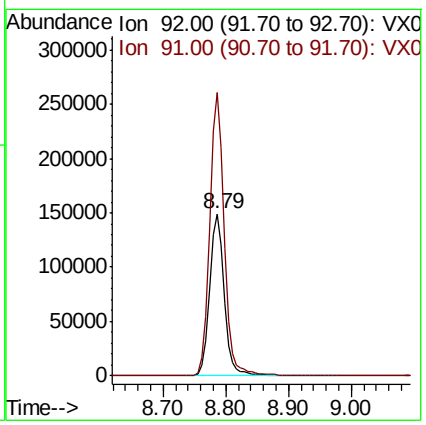
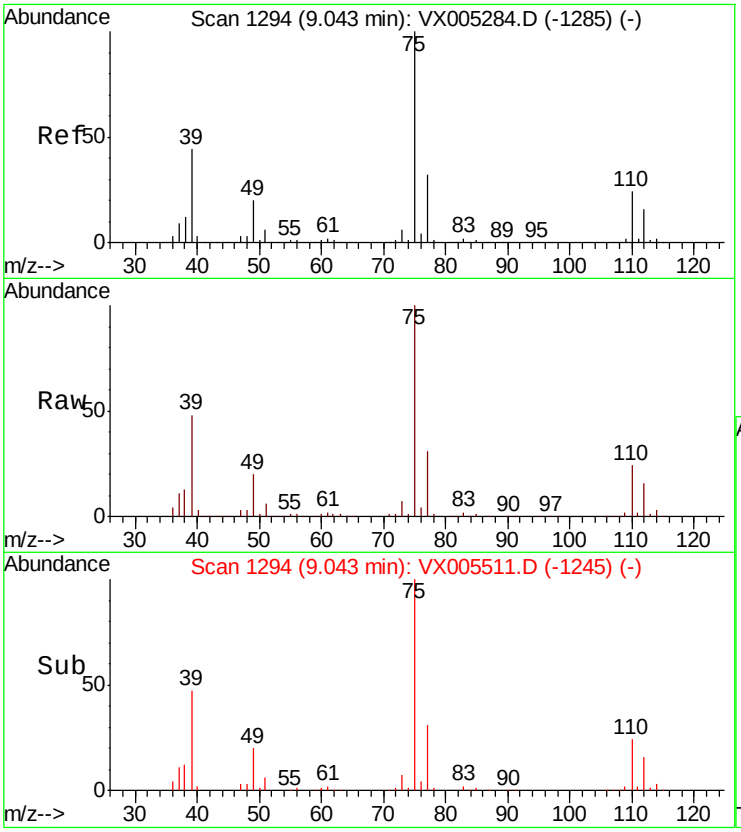


#52
Toluene
Concen: 50.686 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 92 Resp: 240826

Ion	Ratio	Lower	Upper
92	100		
91	173.1	136.4	204.6

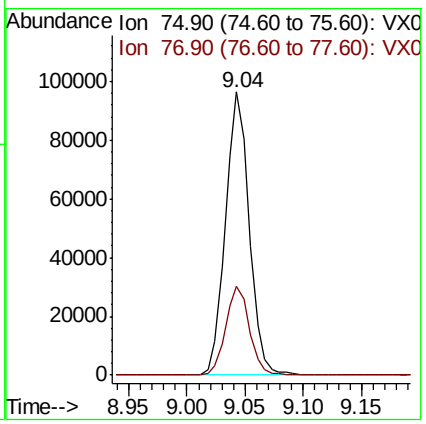




#53
t-1,3-Dichloropropene
Concen: 48.534 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 75 Resp: 136604

Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	37.0



Instrument :
MSVOA_X
ClientSampleId :
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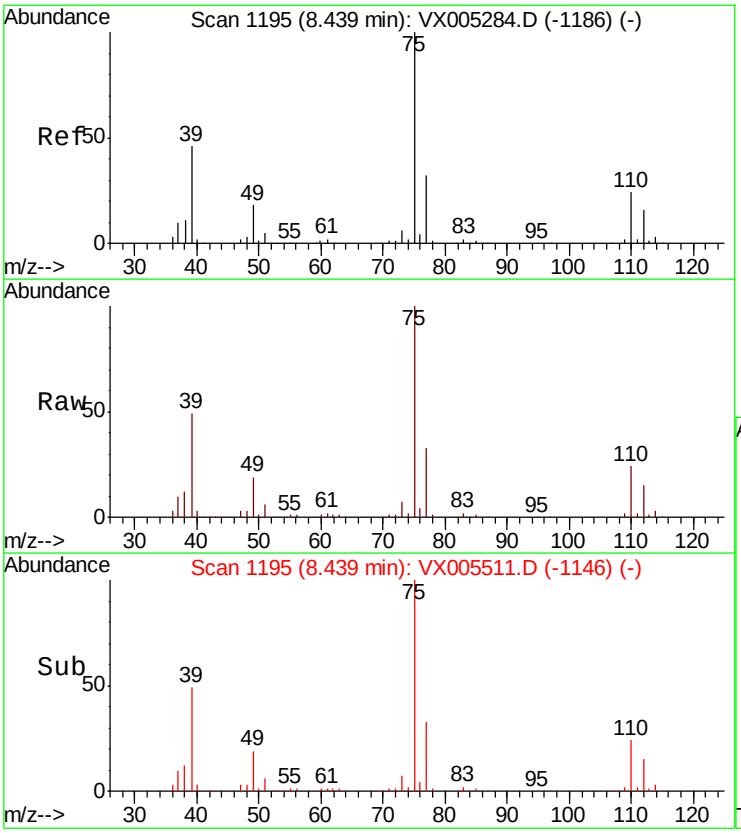
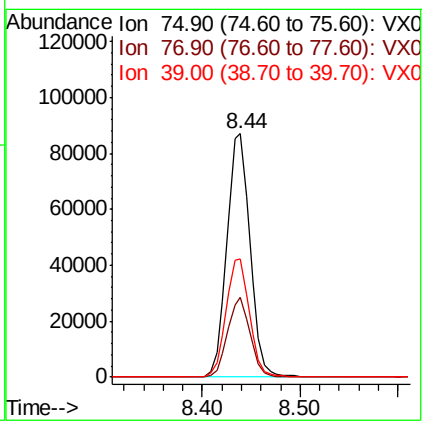
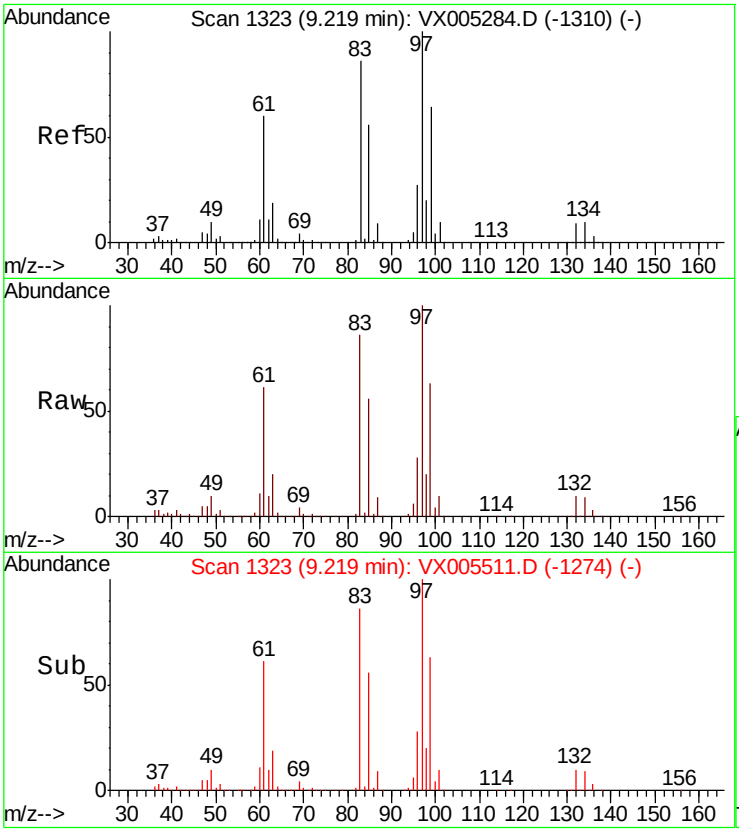


#54
cis-1,3-Dichloropropene
Concen: 46.970 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 75 Resp: 143246

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.2
39	48.6	36.4	54.6

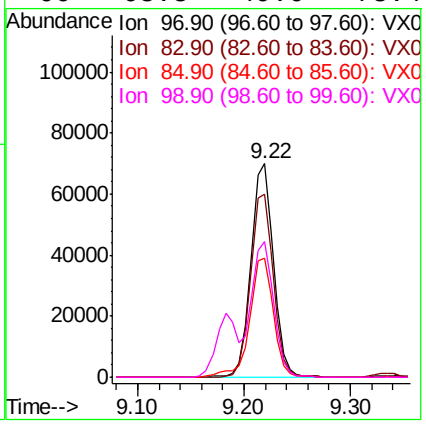




#55
1,1,2-Trichloroethane
Concen: 51.949 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 97 Resp: 104545

Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.4	99.6
85	56.0	43.3	64.9
99	63.3	49.0	73.4



Instrument :
MSVOA_X
ClientSampleId :
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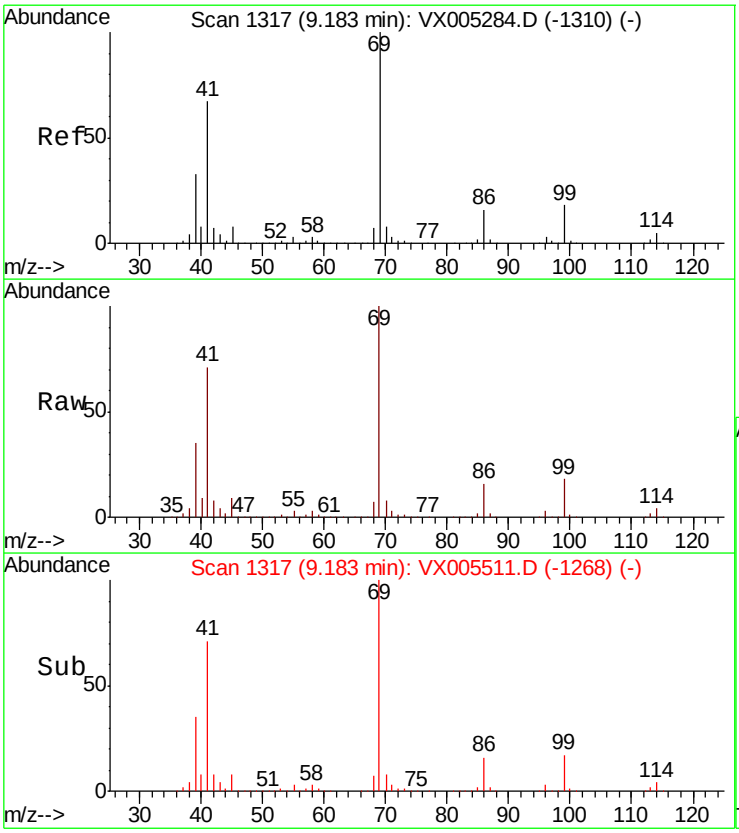
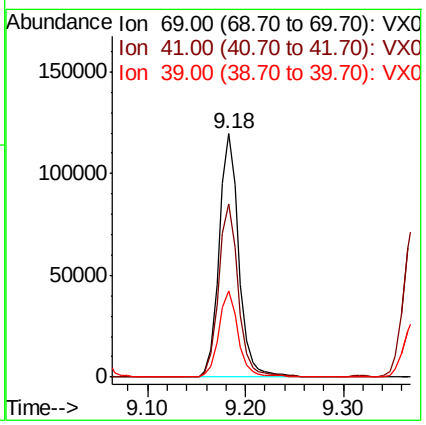
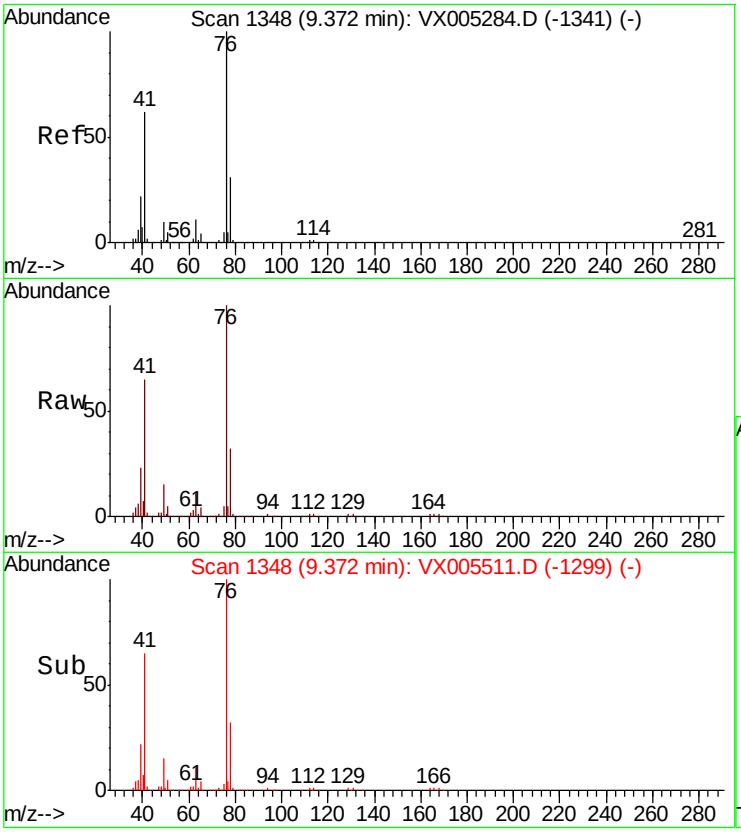


#56
Ethyl methacrylate
Concen: 56.895 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 69 Resp: 166917

Ion	Ratio	Lower	Upper
69	100		
41	71.0	51.0	76.4
39	34.9	26.1	39.1

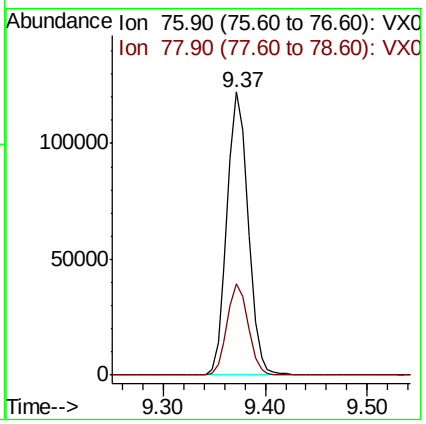




#57
1,3-Dichloropropane
Concen: 52.380 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 76 Resp: 175942

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
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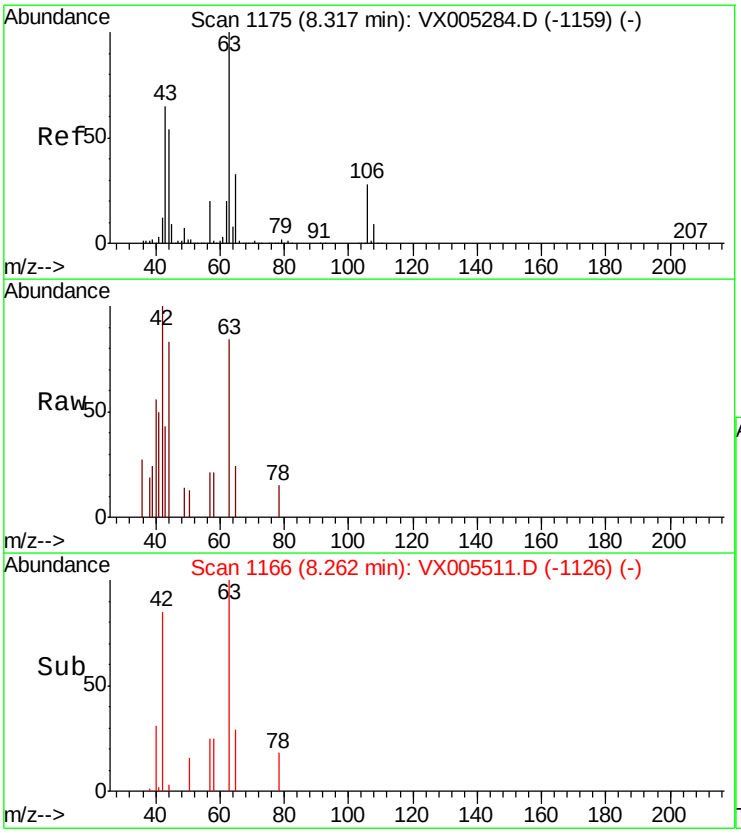
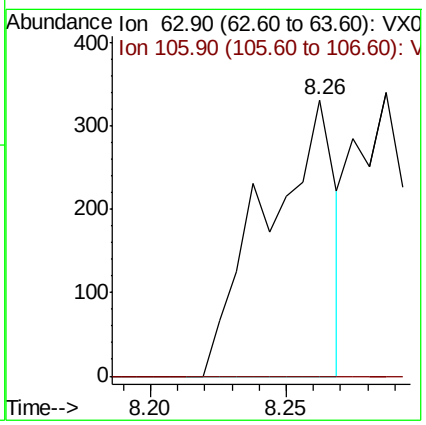
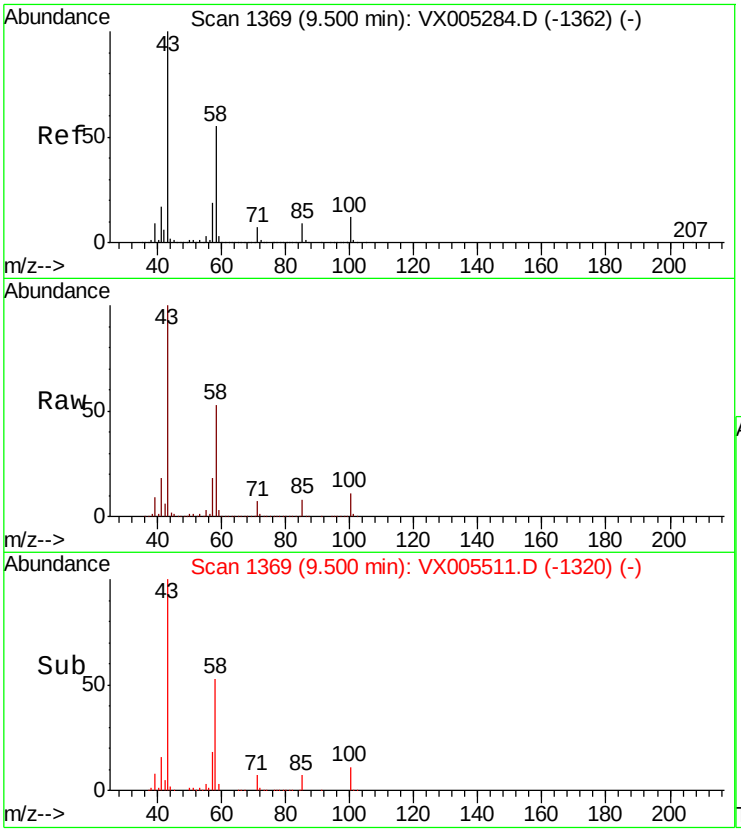


#58
2-Chloroethyl Vinyl ether
Concen: 0.354 ug/l
RT: 8.26 min Scan# 1166
Delta R.T. -0.05 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 63 Resp: 583

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#

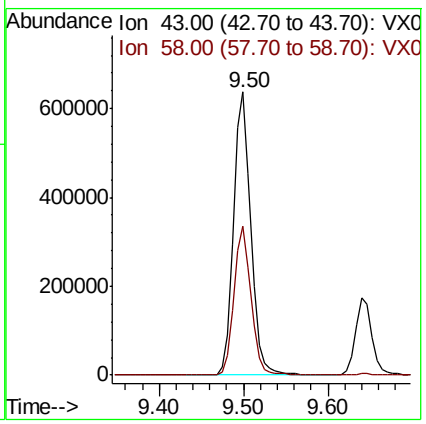




#59
2-Hexanone
Concen: 317.835 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 43 Resp: 877991

Ion	Ratio	Lower	Upper
43	100		
58	52.0	29.0	87.0



Instrument :
MSVOA_X
ClientSampleId :
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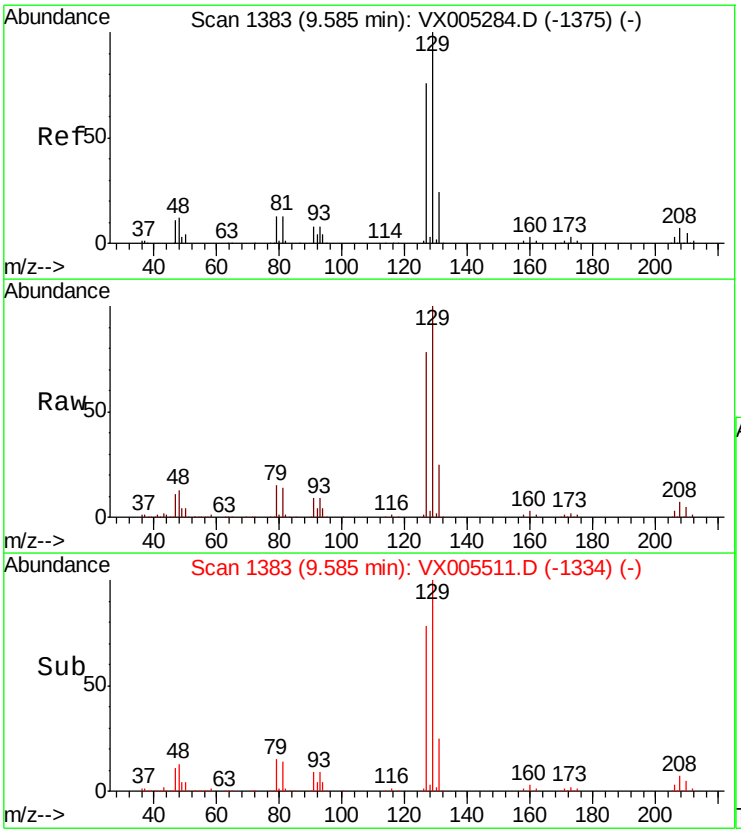
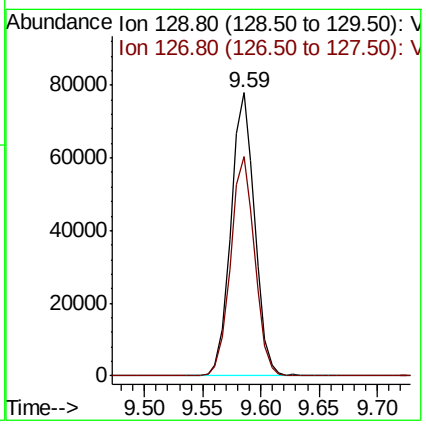
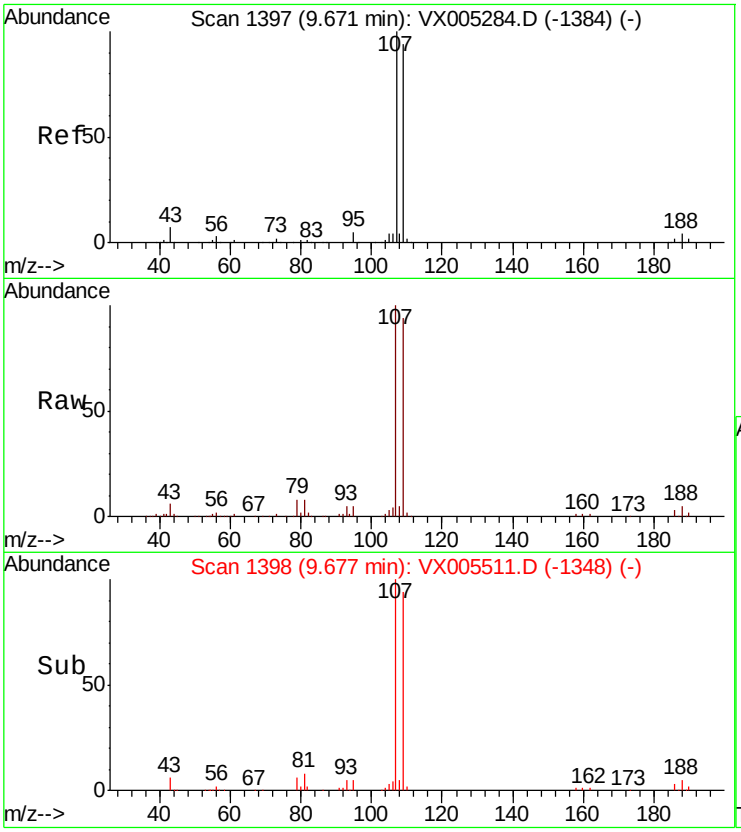


#60
Dibromochloromethane
Concen: 53.245 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:129 Resp: 110760

Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.5	115.5

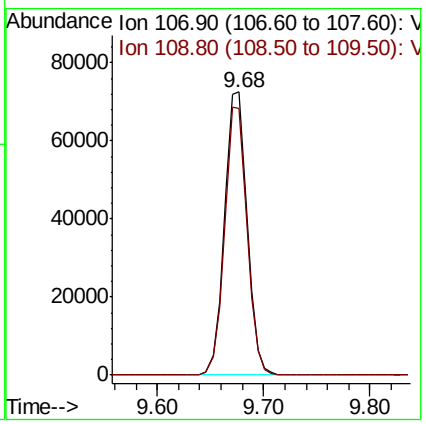




#61
1,2-Dibromoethane
Concen: 51.138 ug/l
RT: 9.68 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:107 Resp: 108004

Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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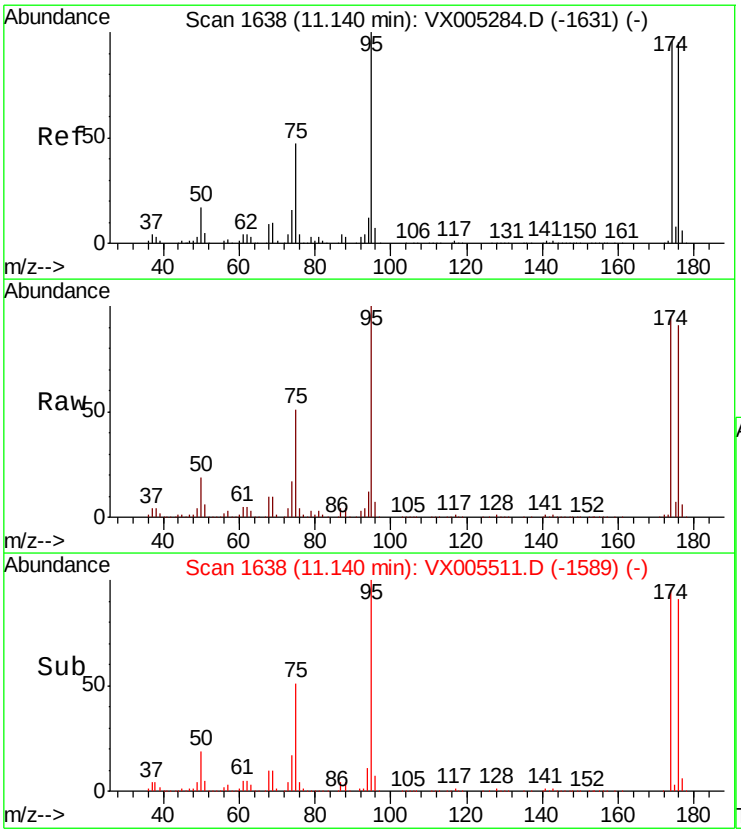
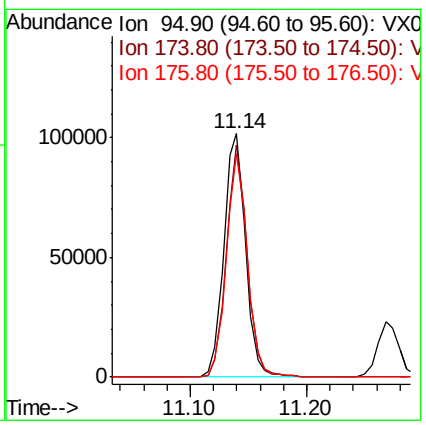
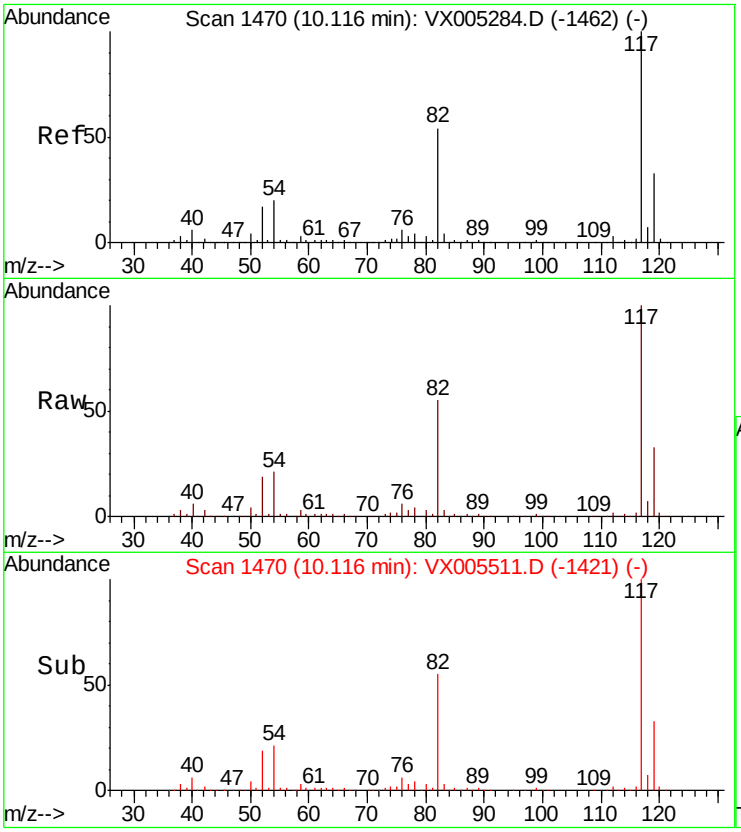


#62
4-Bromofluorobenzene
Concen: 51.355 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 95 Resp: 131130

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	185.2
176	89.1	0.0	178.6

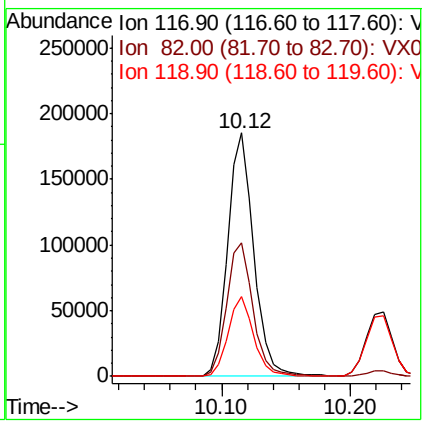




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:117 Resp: 262799

Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.8	71.6
119	32.5	29.3	43.9



Instrument :
MSVOA_X
ClientSampleId :
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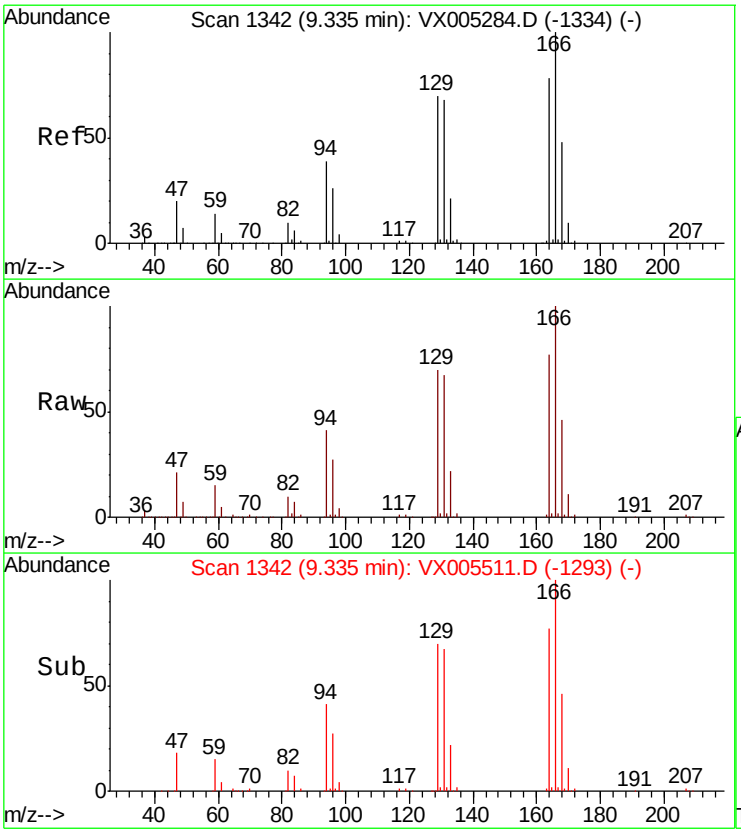
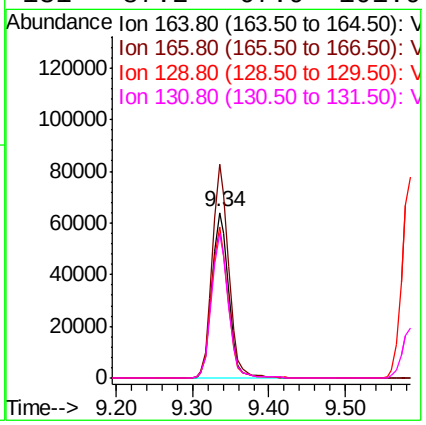
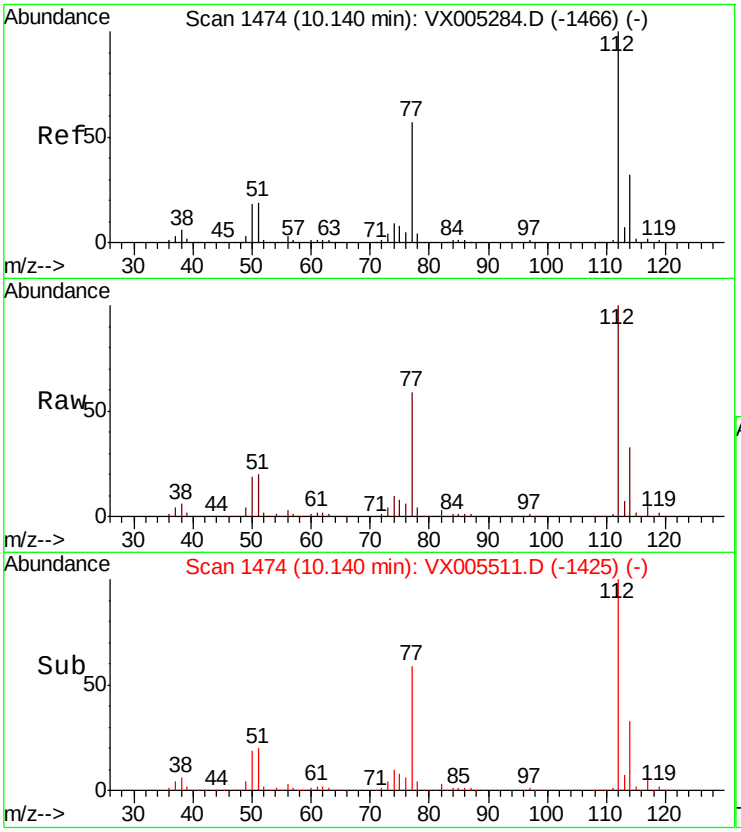


#64
Tetrachloroethene
Concen: 46.109 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:164 Resp: 97551

Ion	Ratio	Lower	Upper
164	100		
166	129.3	102.8	154.2
129	91.1	69.4	104.0
131	87.2	67.9	101.9





#65
Chlorobenzene
Concen: 48.807 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:112 Resp: 272835

Ion	Ratio	Lower	Upper
112	100		
114	32.7	27.8	41.8

Instrument :
MSVOA_X
ClientSampleId :
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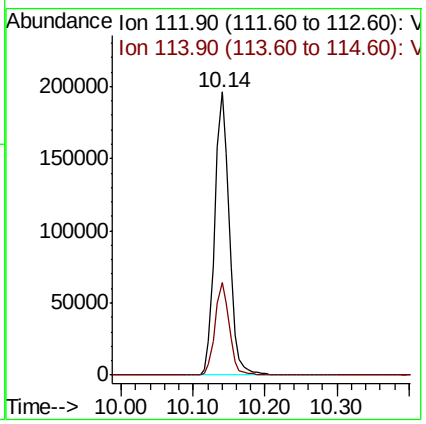
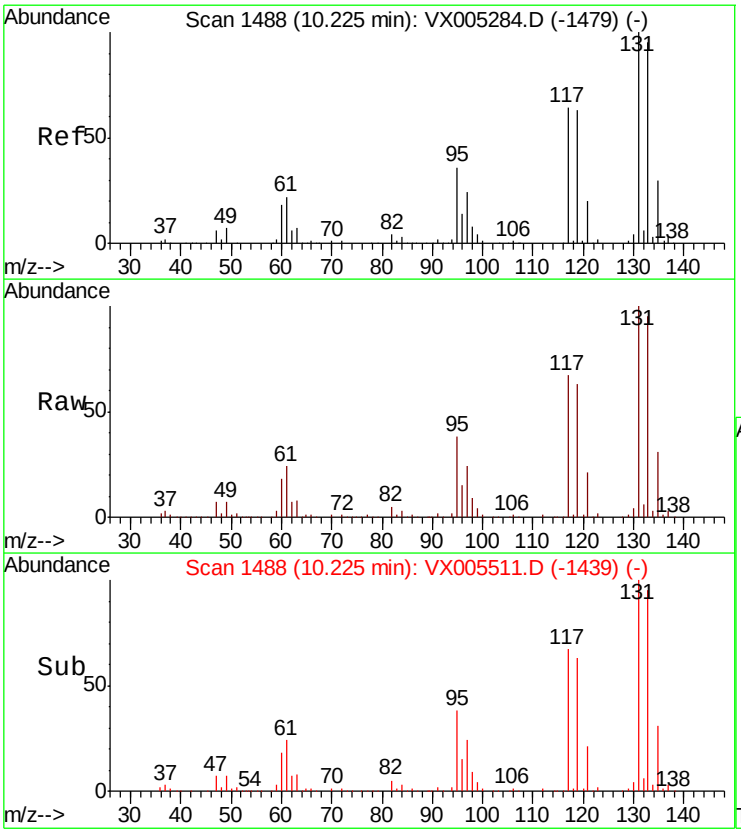
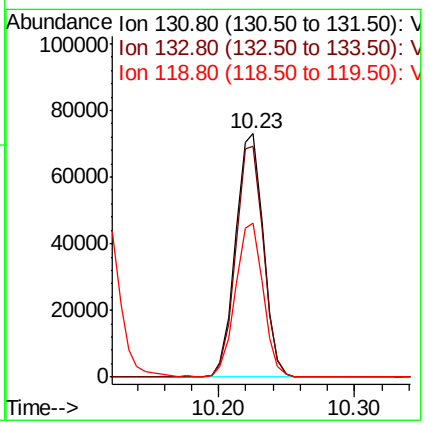


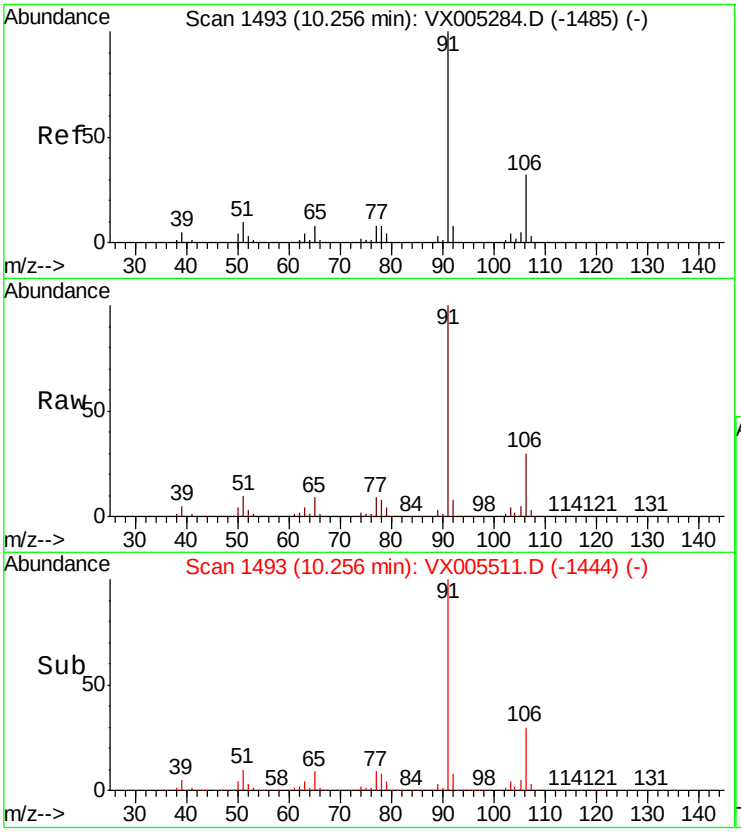


#66
1,1,1,2-Tetrachloroethane
Concen: 51.953 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:131 Resp: 103495

Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.1	144.4
119	63.7	32.9	98.6

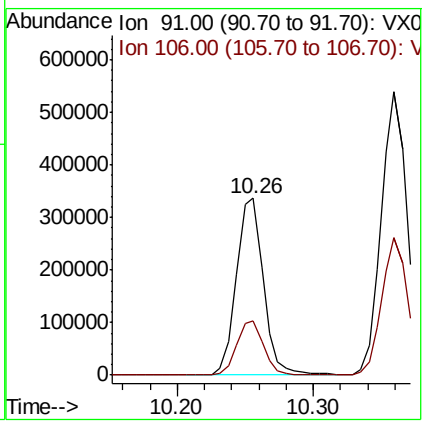




#67
Ethyl Benzene
Concen: 51.367 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 91 Resp: 466799

Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.9	38.9



Instrument :
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ClientSampleId :
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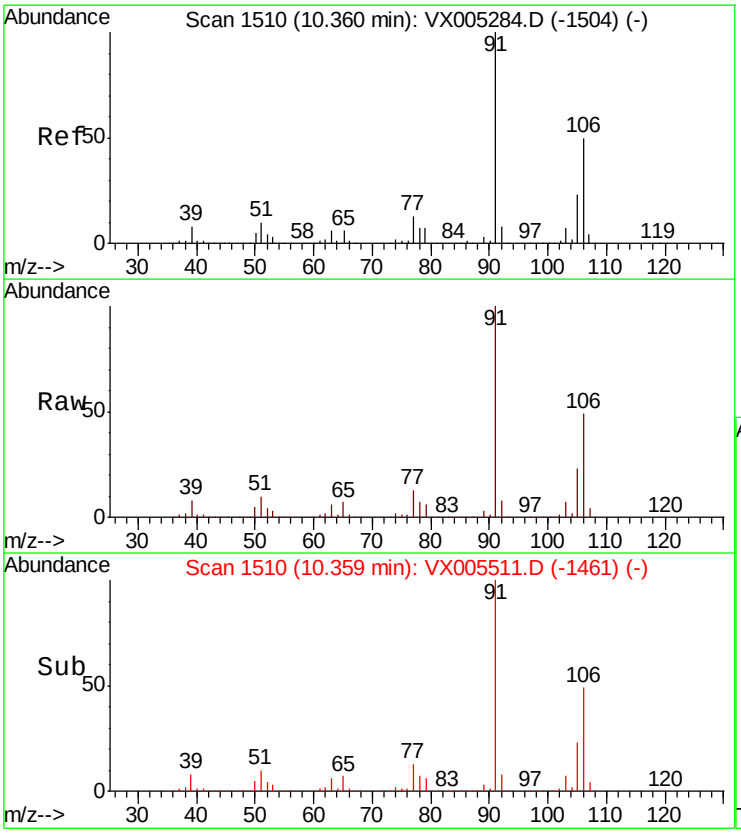
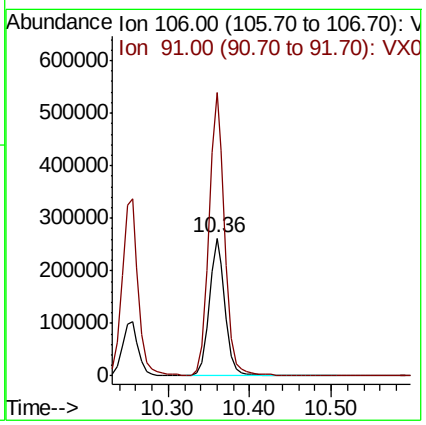
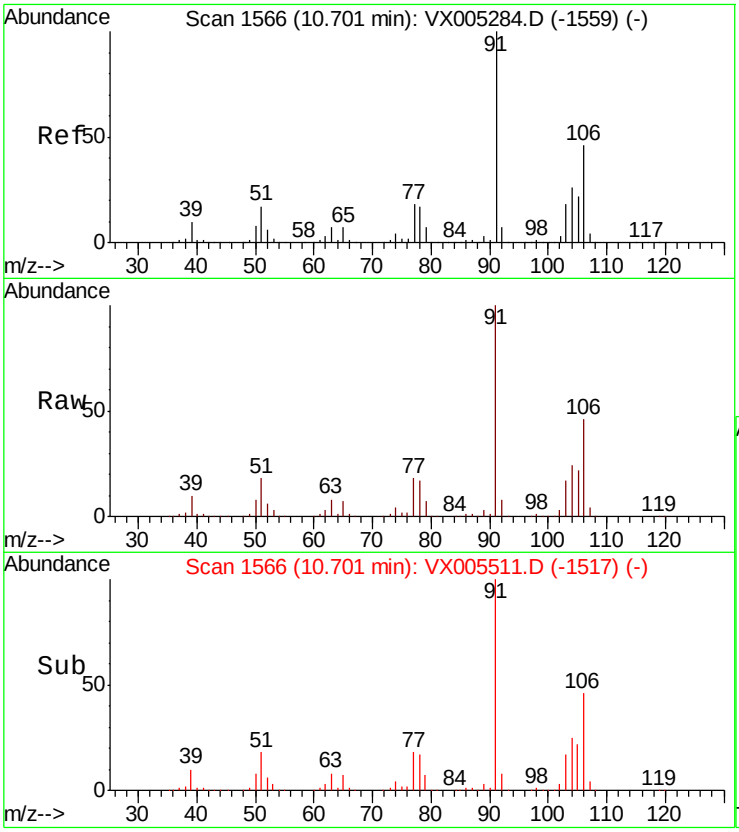


#68
m/p-Xylenes
Concen: 101.526 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:106 Resp: 358104

Ion	Ratio	Lower	Upper
106	100		
91	206.3	157.1	235.7

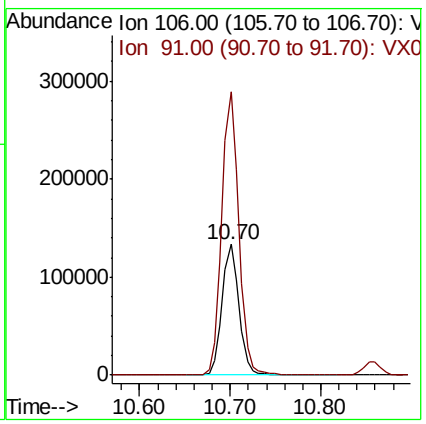




#69
o-Xylene
Concen: 51.200 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:106 Resp: 174171

Ion	Ratio	Lower	Upper
106	100		
91	218.2	105.1	315.1



Instrument :
MSVOA_X
ClientSampleId :
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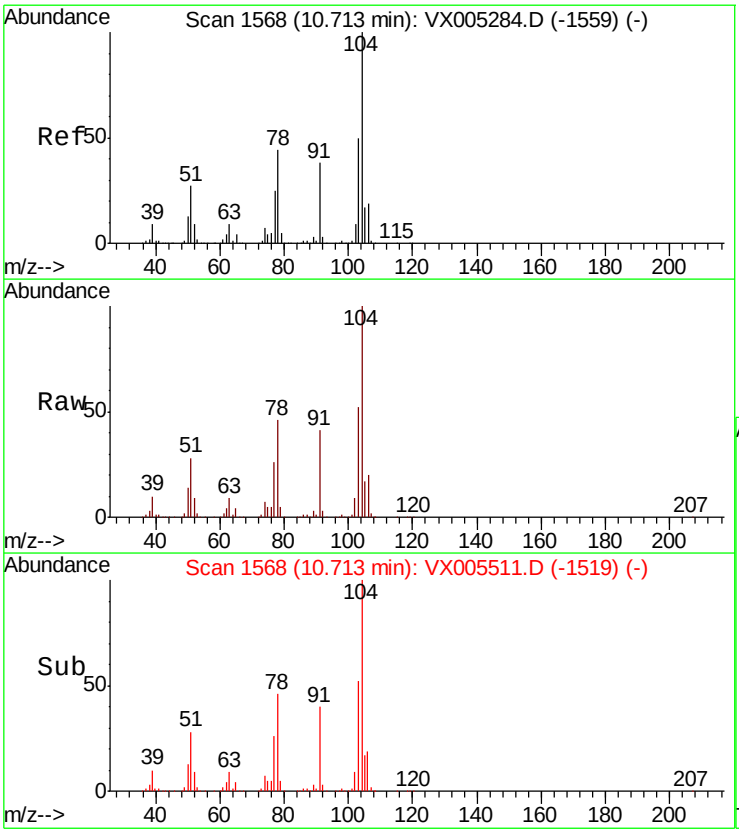
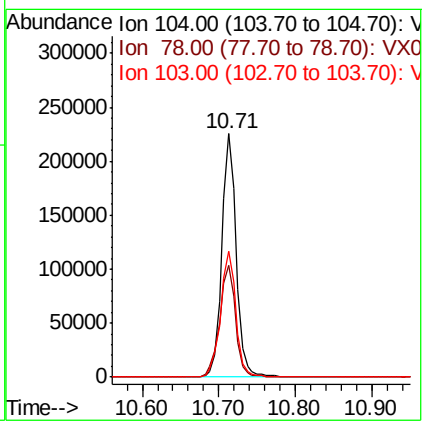
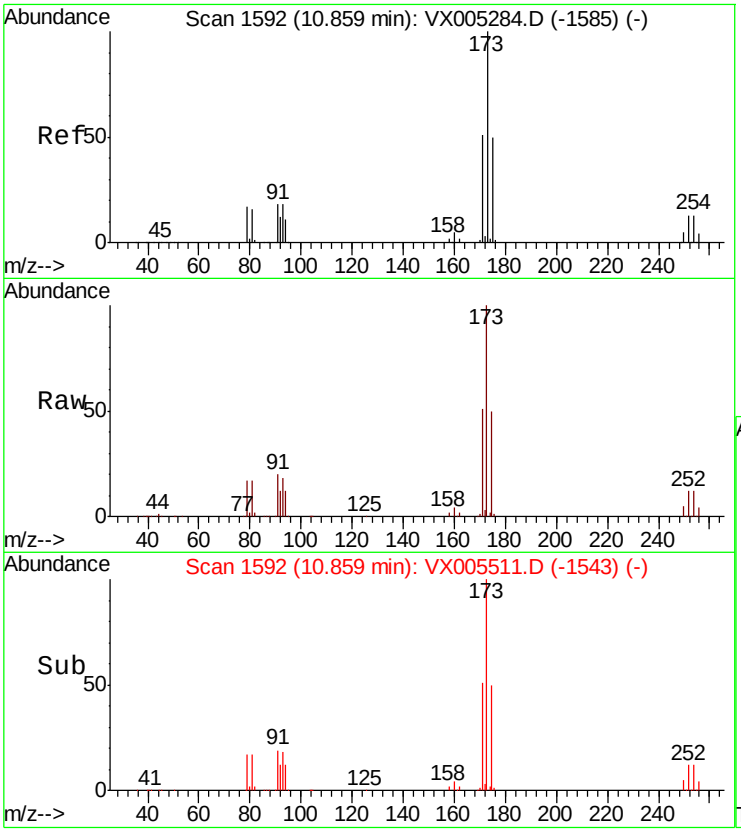


#70
Styrene
Concen: 52.347 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:104 Resp: 292891

Ion	Ratio	Lower	Upper
104	100		
78	51.0	37.4	56.0
103	55.5	43.8	65.6

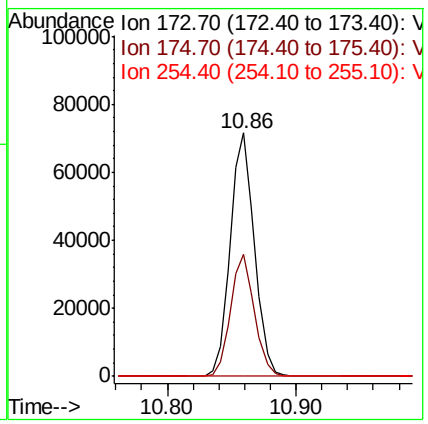




#71
Bromoform
Concen: 52.880 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:173 Resp: 94136

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.3
254	0.2	0.2	0.2



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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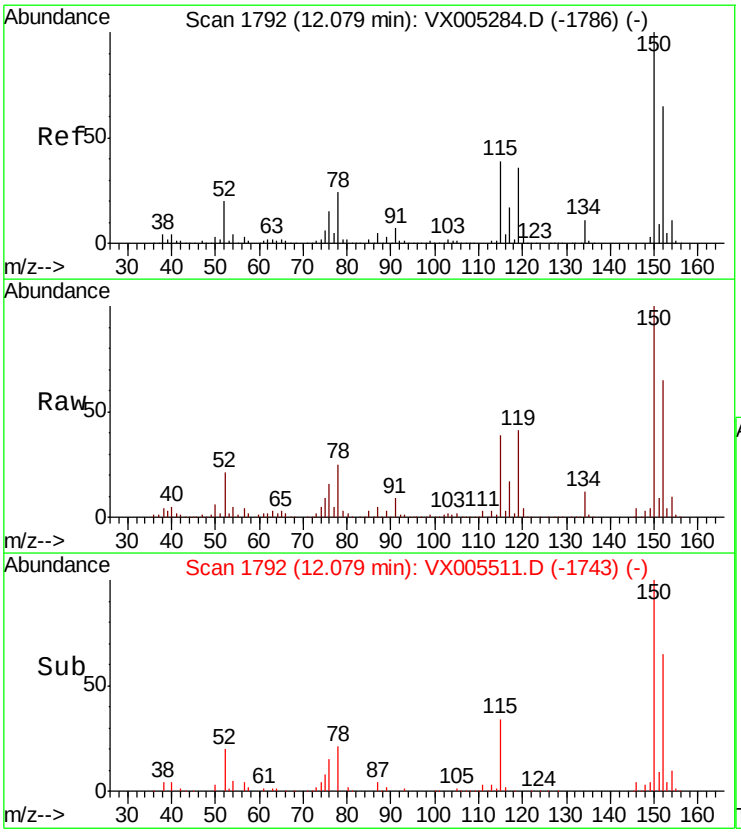
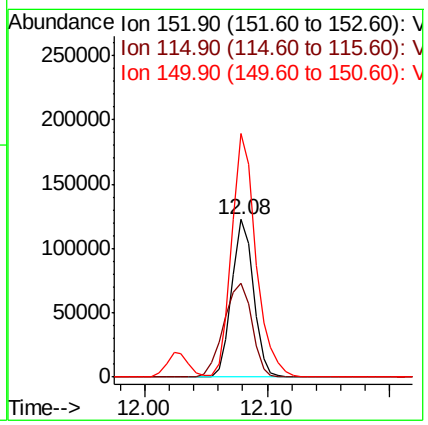
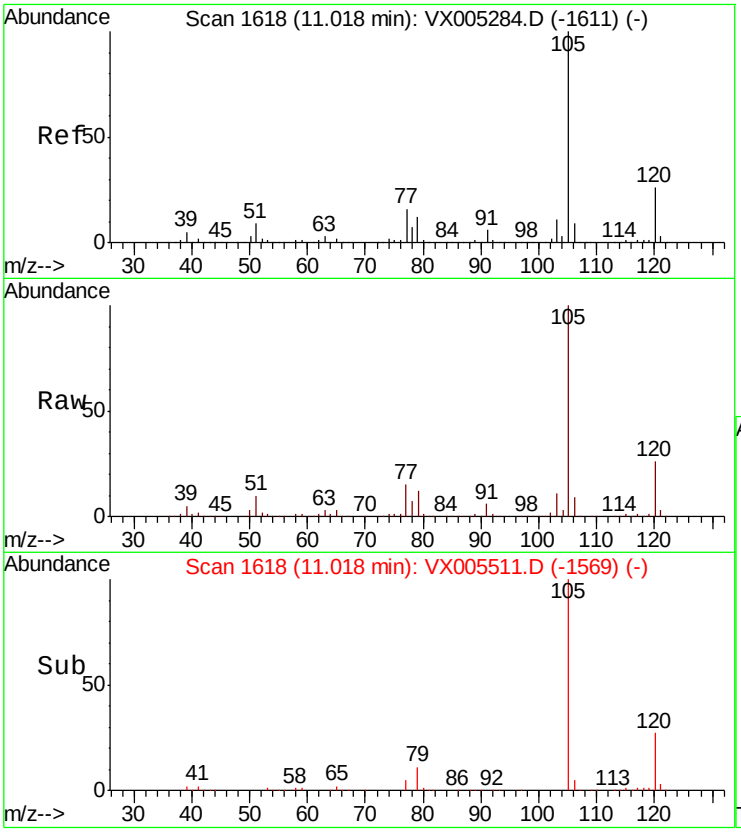


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:152 Resp: 149966

Ion	Ratio	Lower	Upper
152	100		
115	77.5	39.0	117.0
150	172.1	0.0	351.0





#73
Isopropylbenzene
Concen: 53.714 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:105 Resp: 478866

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.5	40.4

Instrument :
MSVOA_X
ClientSampleId :
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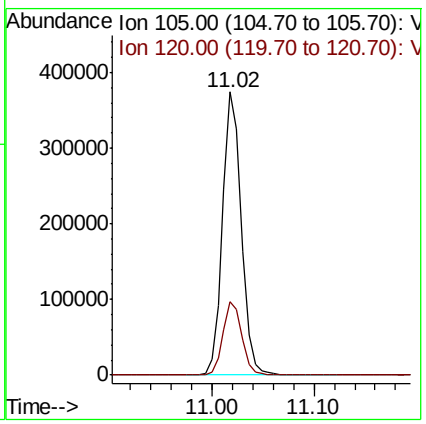
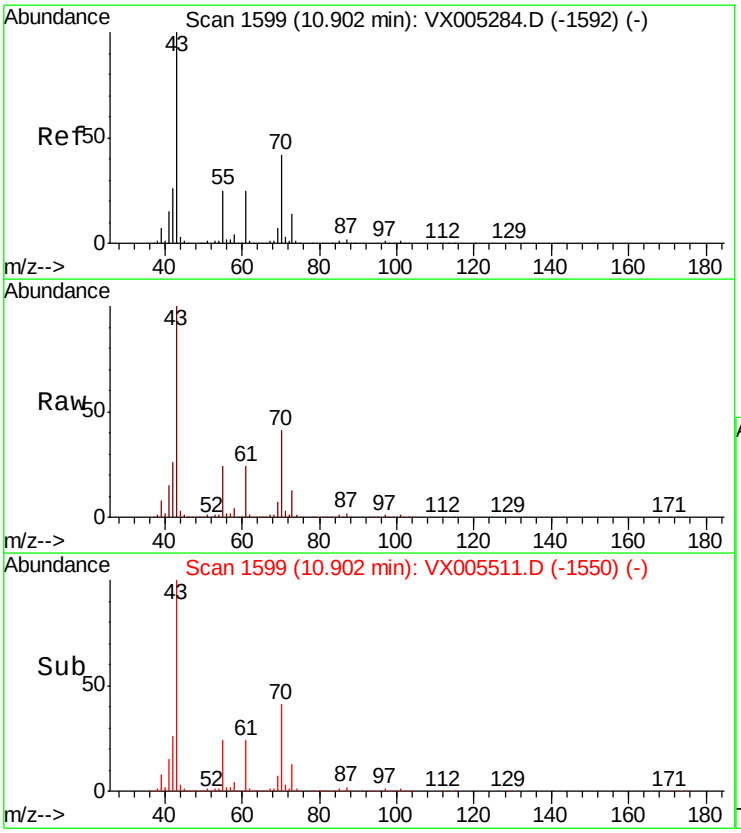
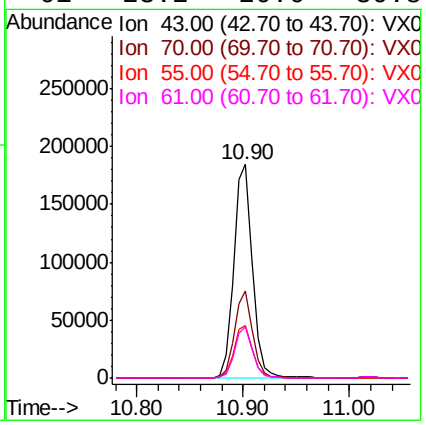


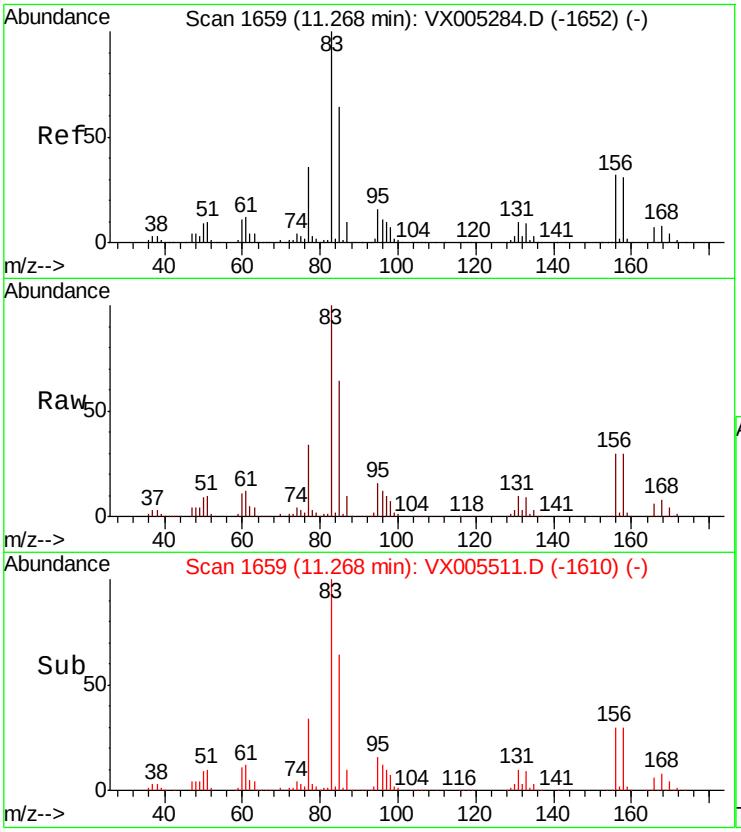


#74
N-amyl acetate
Concen: 52.636 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 43 Resp: 226328

Ion	Ratio	Lower	Upper
43	100		
70	39.6	37.4	56.0
55	24.8	21.8	32.8
61	23.2	20.6	30.8

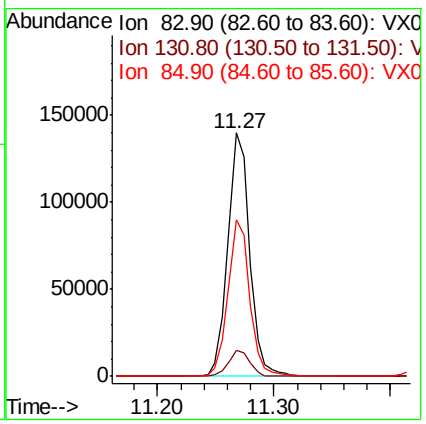




#75
1,1,2,2-Tetrachloroethane
Concen: 54.603 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 83 Resp: 183631

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	63.9	32.3	96.8



Instrument :
MSVOA_X
ClientSampleId :
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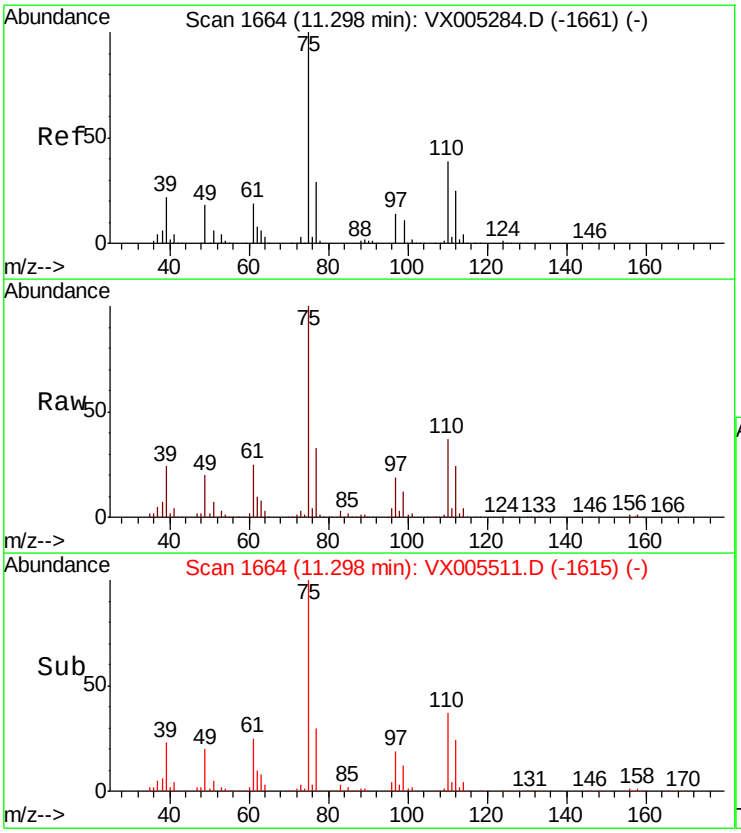
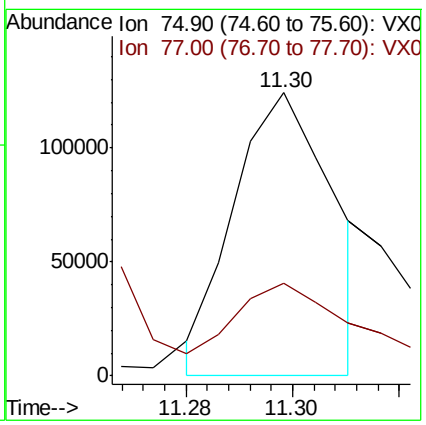
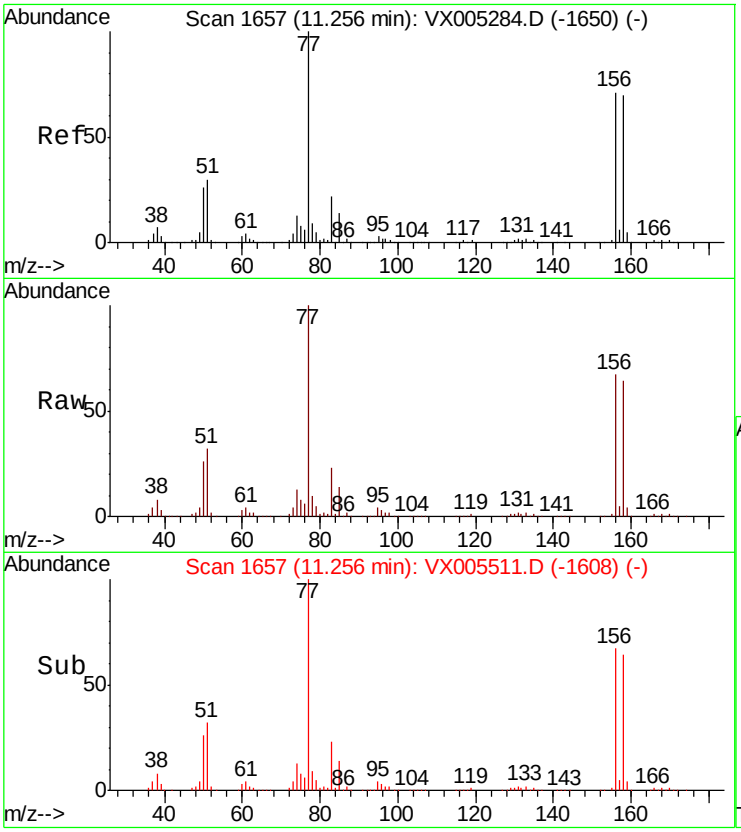


#76
1,2,3-Trichloropropane
Concen: 55.434 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 75 Resp: 161253

Ion	Ratio	Lower	Upper
75	100		
77	41.8	20.2	60.6

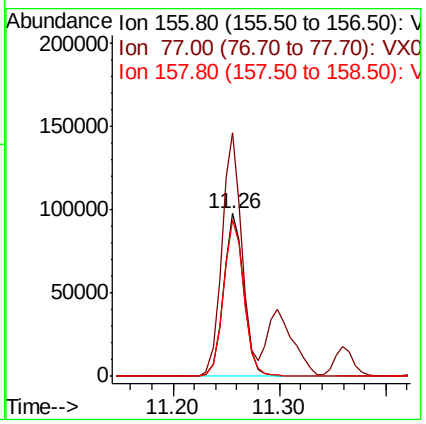




#77
Bromobenzene
Concen: 50.528 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:156 Resp: 128799

Ion	Ratio	Lower	Upper
156	100		
77	147.7	71.5	214.3
158	97.7	48.9	146.8



Instrument :
MSVOA_X
ClientSampleId :
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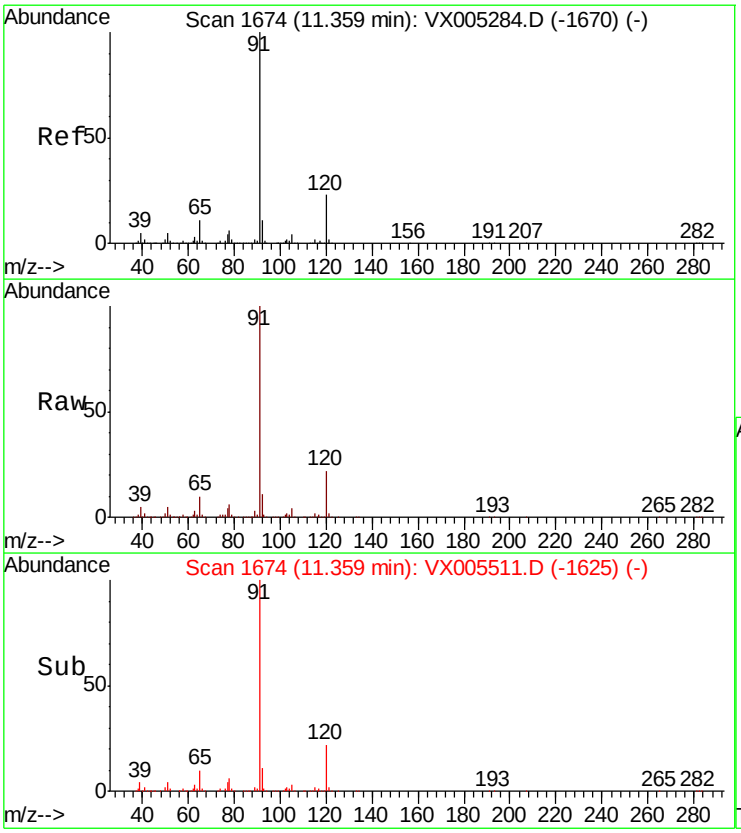
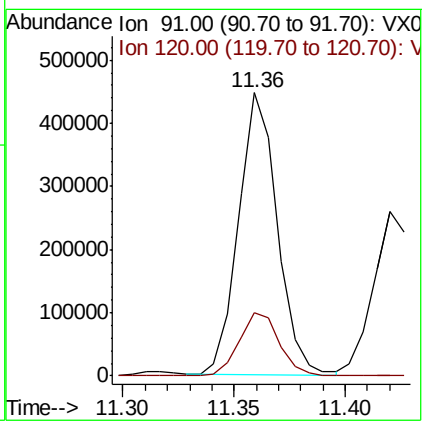
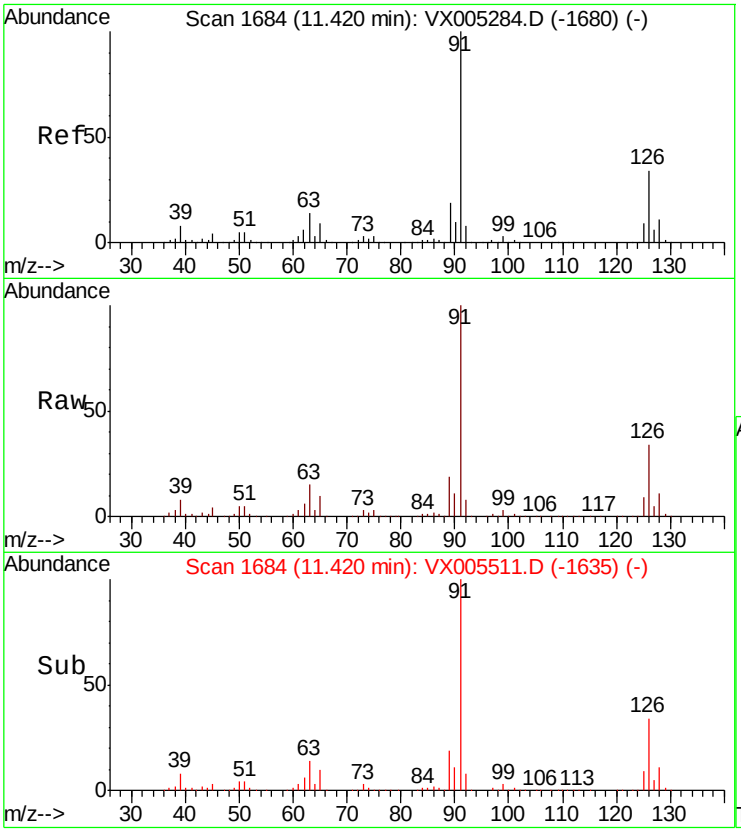


#78
n-propylbenzene
Concen: 52.759 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 91 Resp: 541244

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.9





#79
2-Chlorotoluene
Concen: 52.474 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 91 Resp: 329689

Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.9	53.7

Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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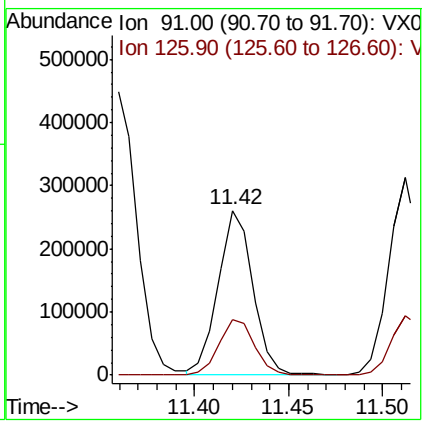
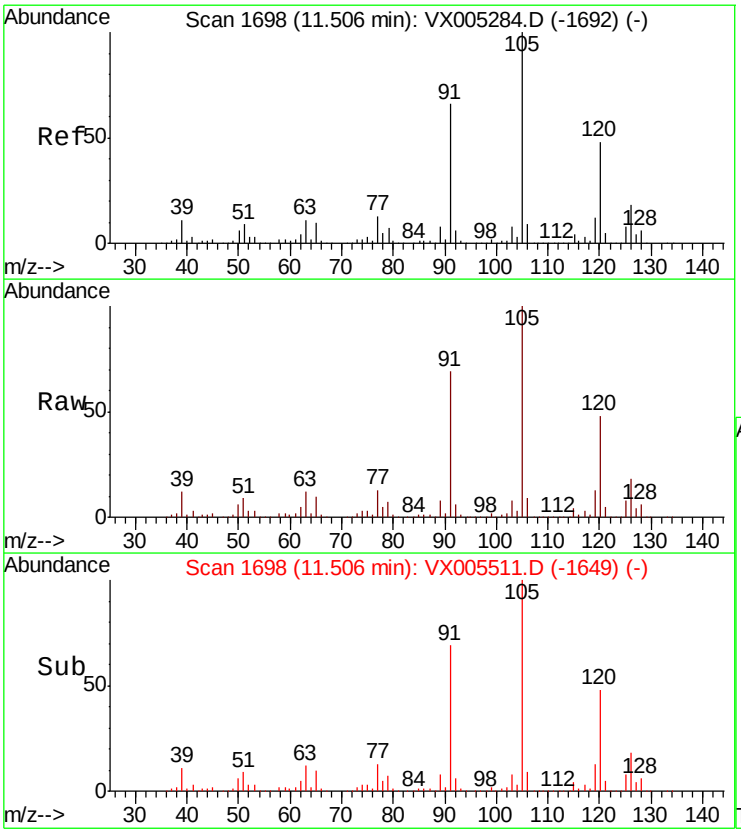
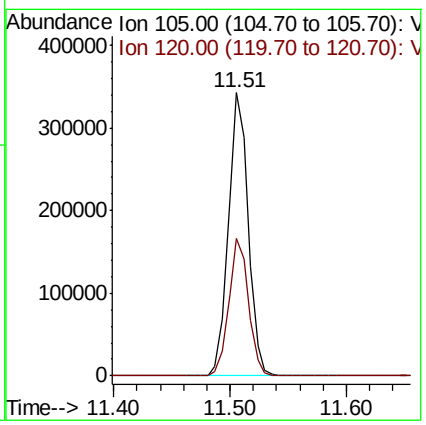


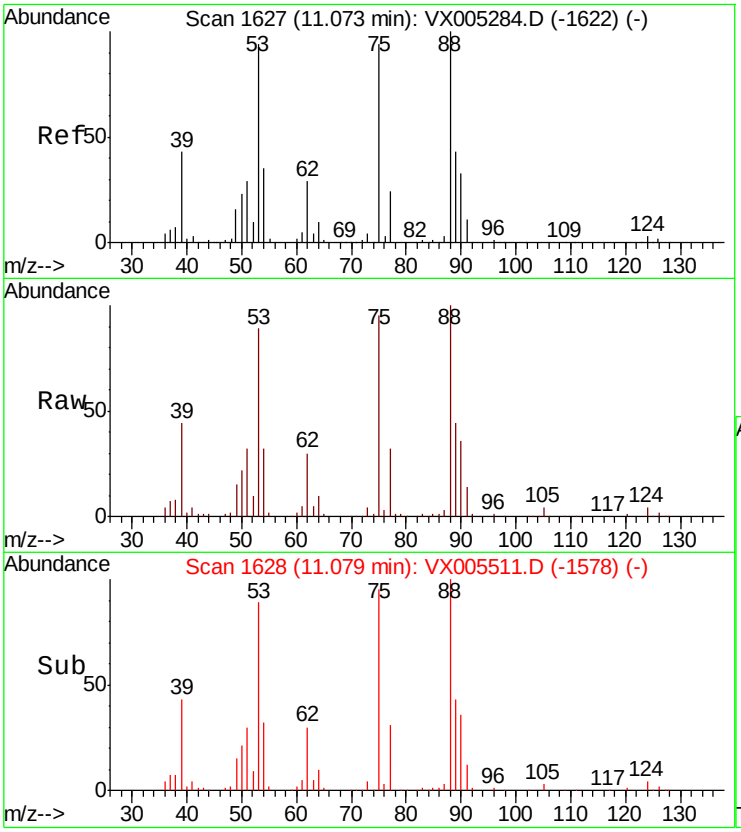


#80
1,3,5-Trimethylbenzene
Concen: 53.140 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:105 Resp: 405690

Ion	Ratio	Lower	Upper
105	100		
120	48.4	25.6	76.8

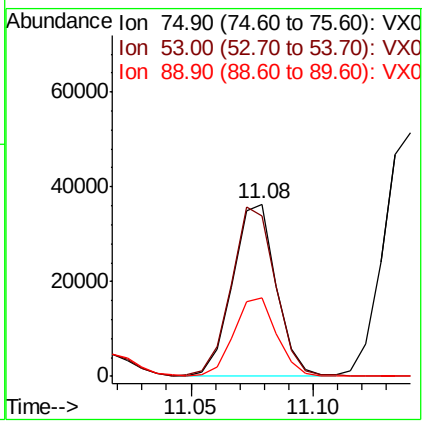




#81
trans-1,4-Dichloro-2-butene
Concen: 46.514 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 75 Resp: 44531

Ion	Ratio	Lower	Upper
75	100		
53	100.5	80.1	120.1
89	45.6	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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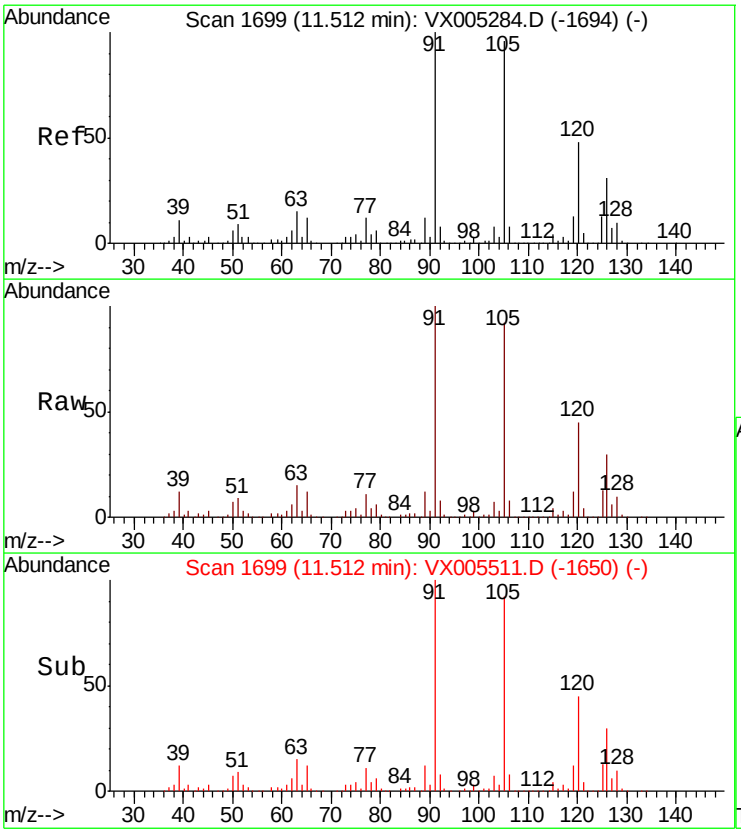
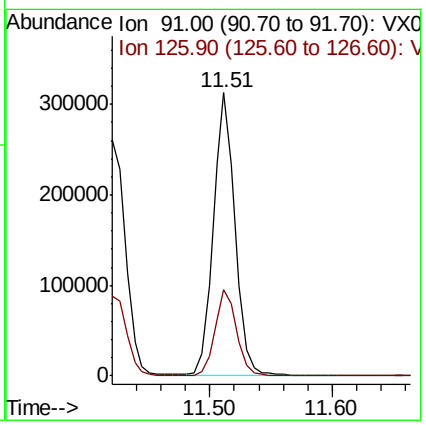
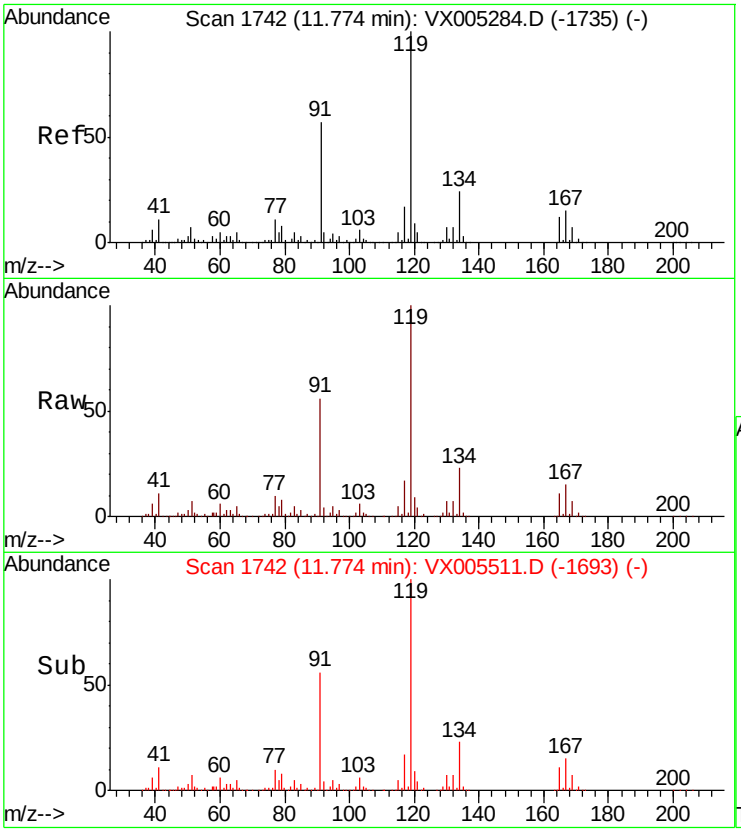


#82
4-Chlorotoluene
Concen: 52.026 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 91 Resp: 387482

Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.5	46.5

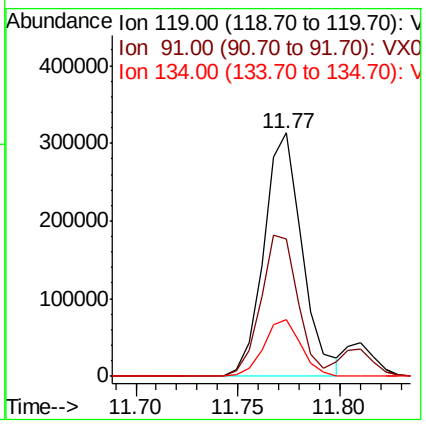




#83
tert-Butylbenzene
Concen: 53.018 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:119 Resp: 409873

Ion	Ratio	Lower	Upper
119	100		
91	56.5	27.0	81.0
134	22.5	11.7	35.1



Instrument :
MSVOA_X
ClientSampleId :
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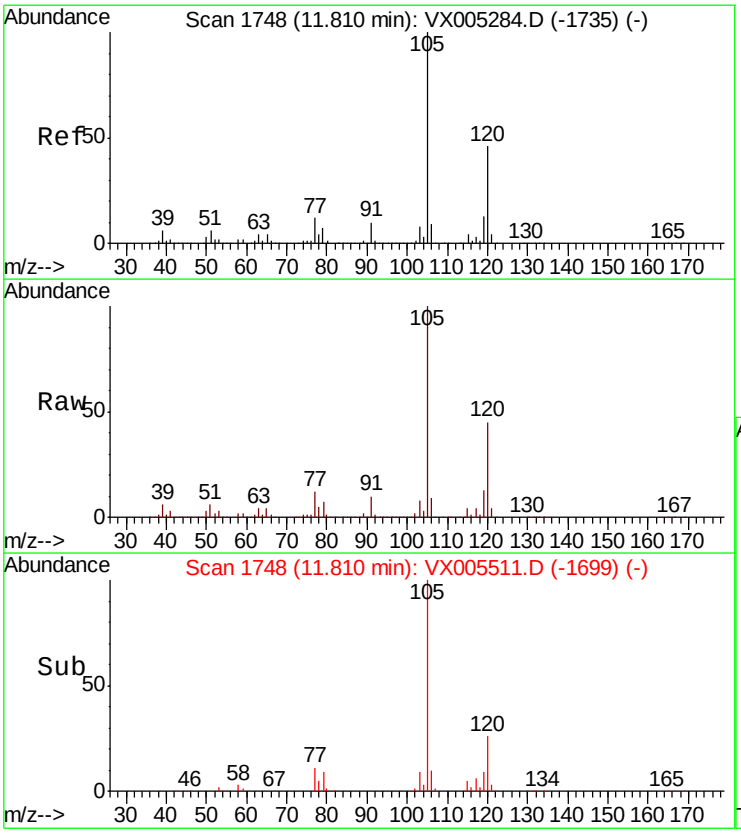
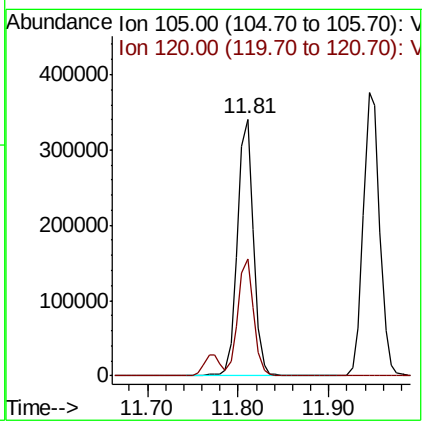
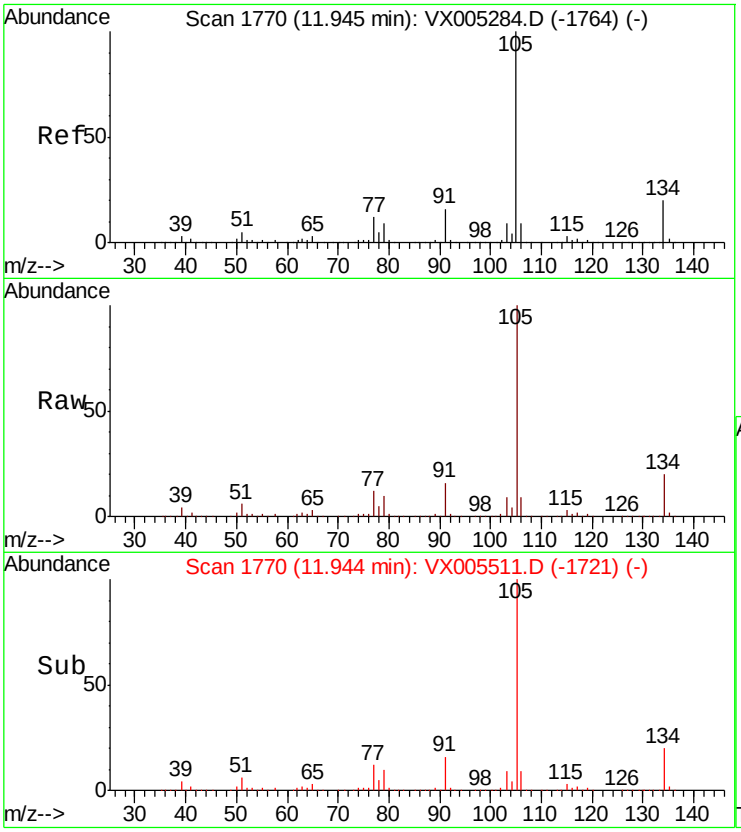


#84
1,2,4-Trimethylbenzene
Concen: 53.218 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:105 Resp: 418104

Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.2	69.6





#85
sec-Butylbenzene
Concen: 51.989 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:105 Resp: 475647

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.5	31.5

Instrument :
MSVOA_X
ClientSampleId :
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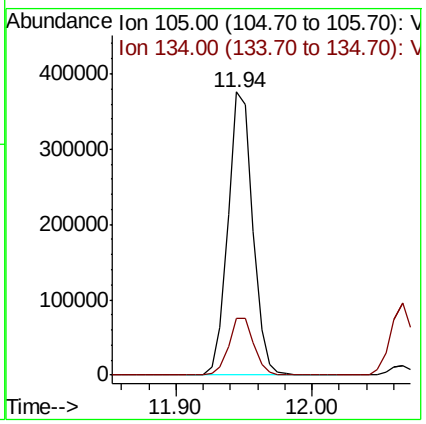
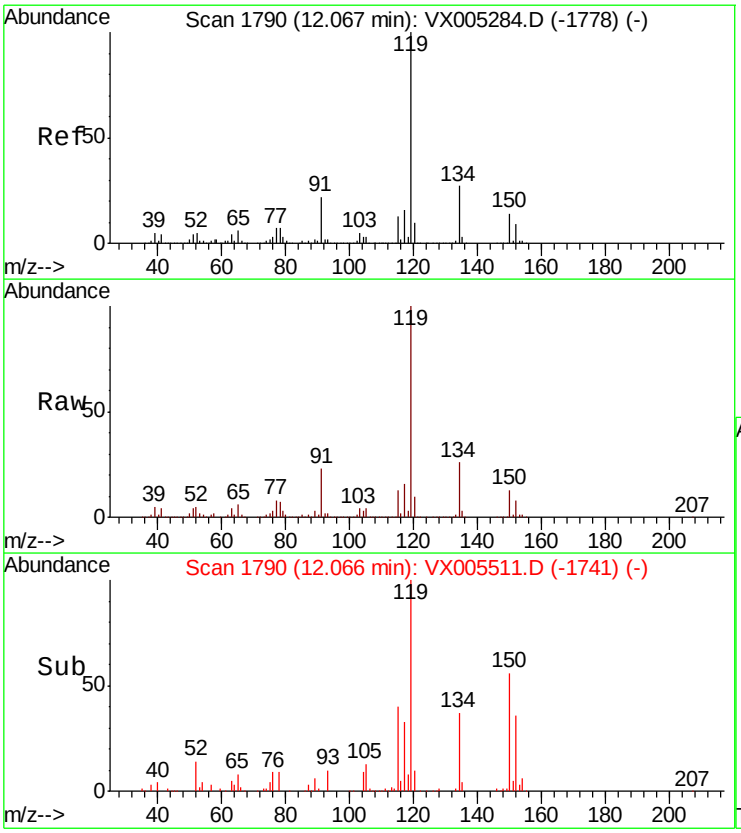
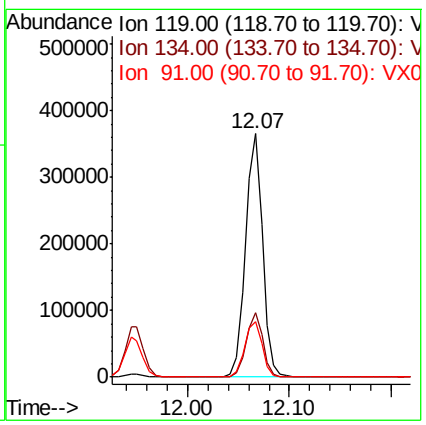


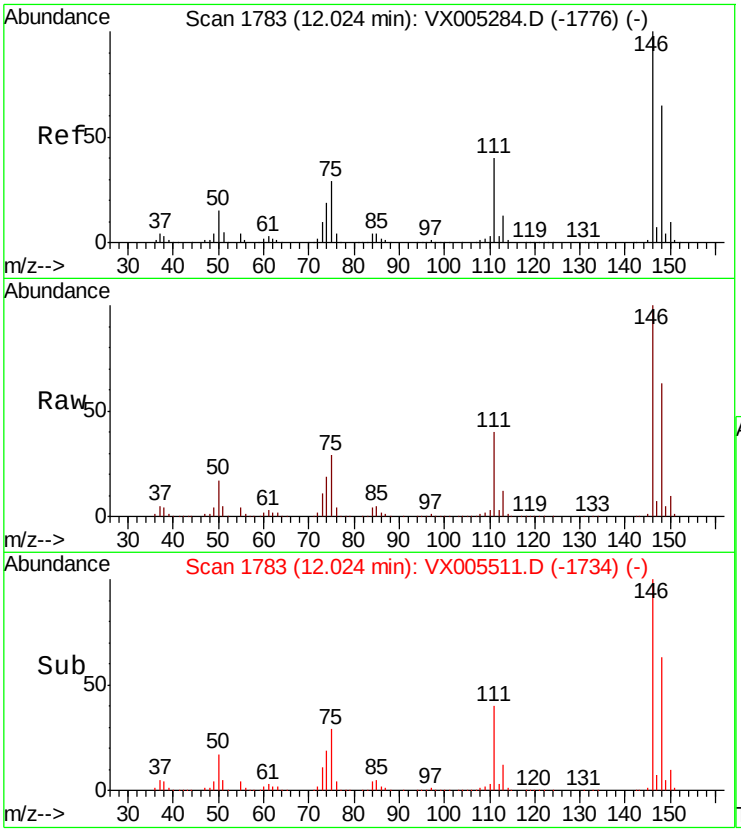


#86
p-Isopropyltoluene
Concen: 51.286 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:119 Resp: 424093

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.4	40.2
91	23.4	10.9	32.7

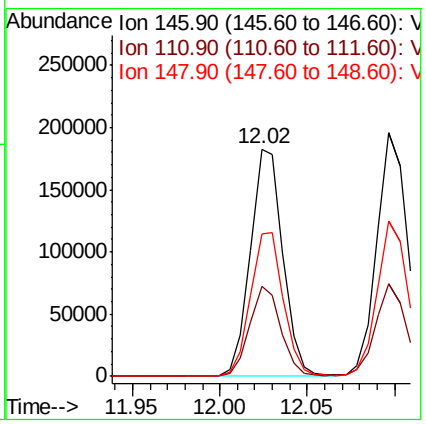




#87
1,3-Dichlorobenzene
Concen: 49.651 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:146 Resp: 236498

Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.7	56.1
148	64.2	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
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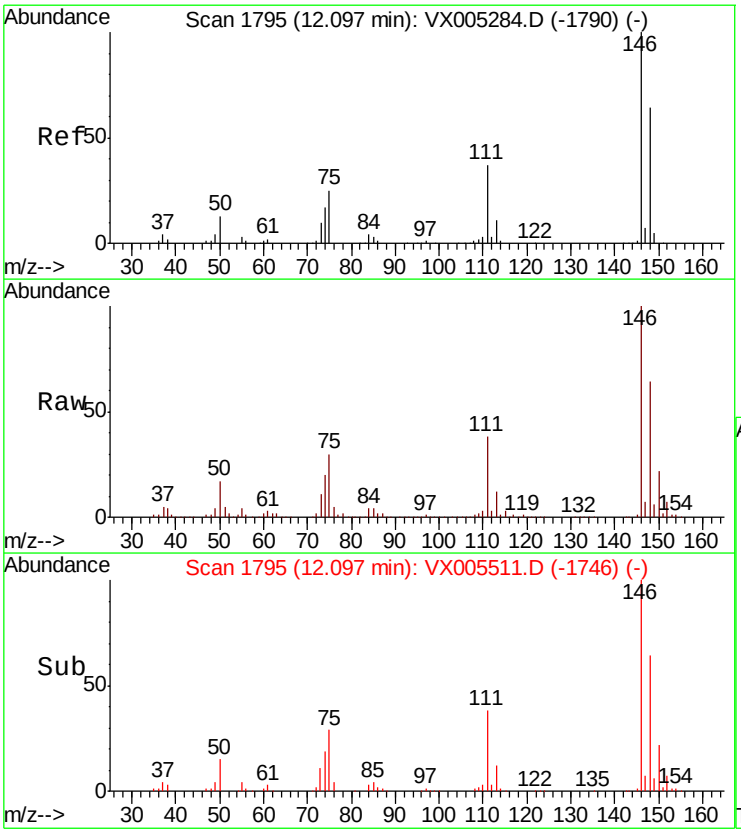
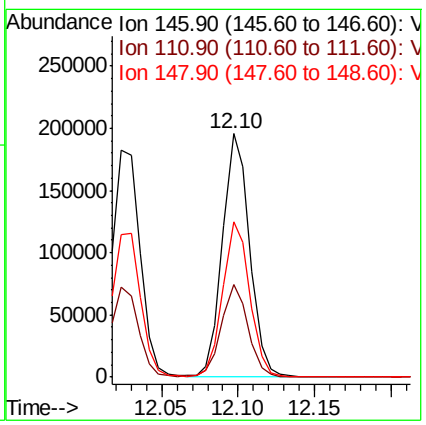
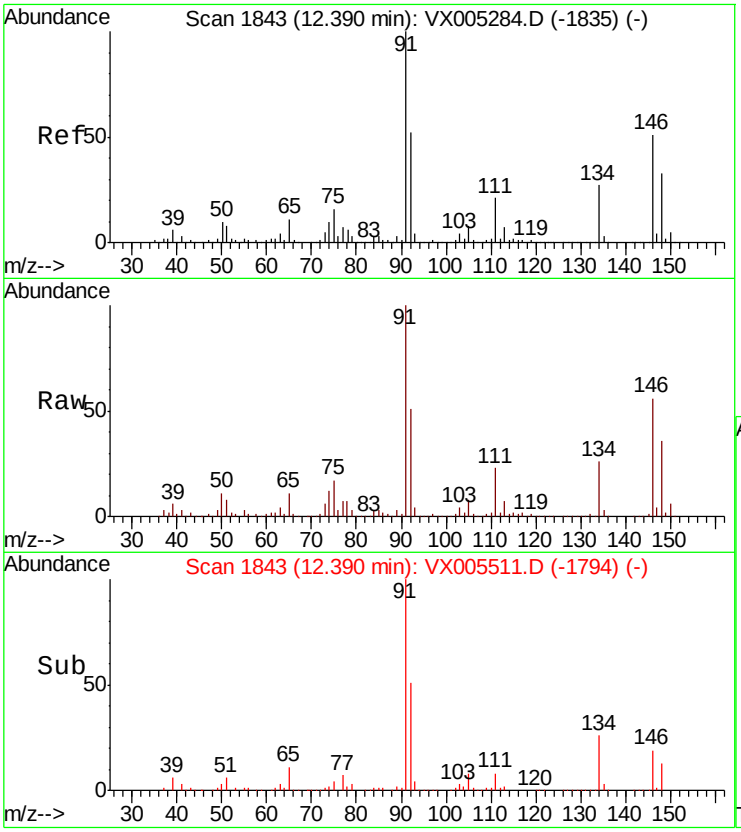


#88
1,4-Dichlorobenzene
Concen: 49.343 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:146 Resp: 240438

Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	63.9	32.0	96.0

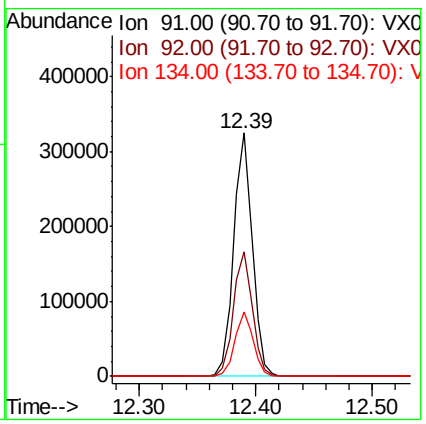




#89
n-Butylbenzene
Concen: 48.429 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 91 Resp: 363612

Ion	Ratio	Lower	Upper
91	100		
92	51.9	27.3	81.9
134	26.0	13.6	40.7



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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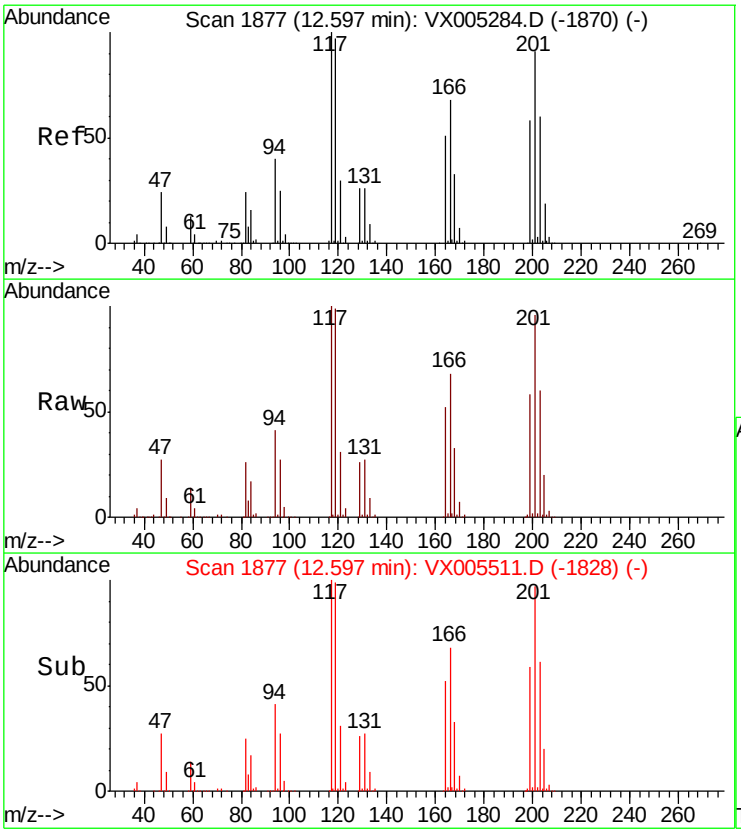
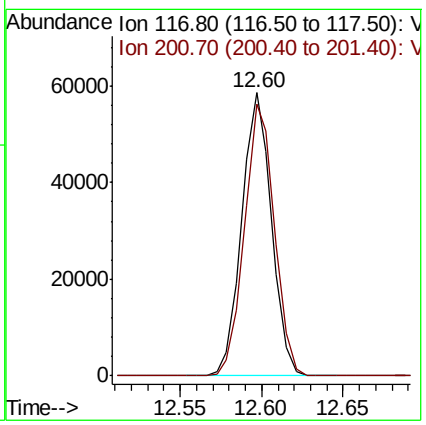
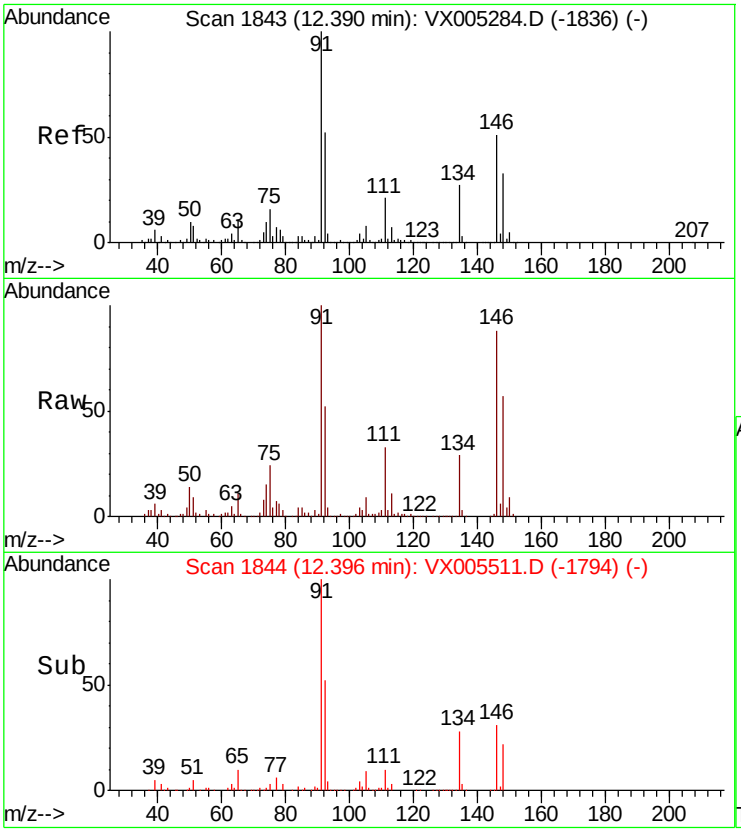


#90
Hexachloroethane
Concen: 52.088 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:117 Resp: 74232

Ion	Ratio	Lower	Upper
117	100		
201	97.2	46.9	140.6

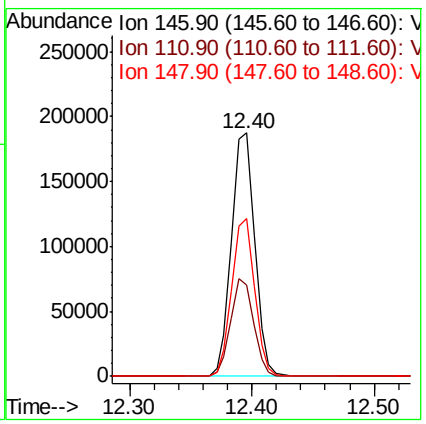




#91
1,2-Dichlorobenzene
Concen: 50.416 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:146 Resp: 245060

Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.1
148	64.0	32.8	98.3



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

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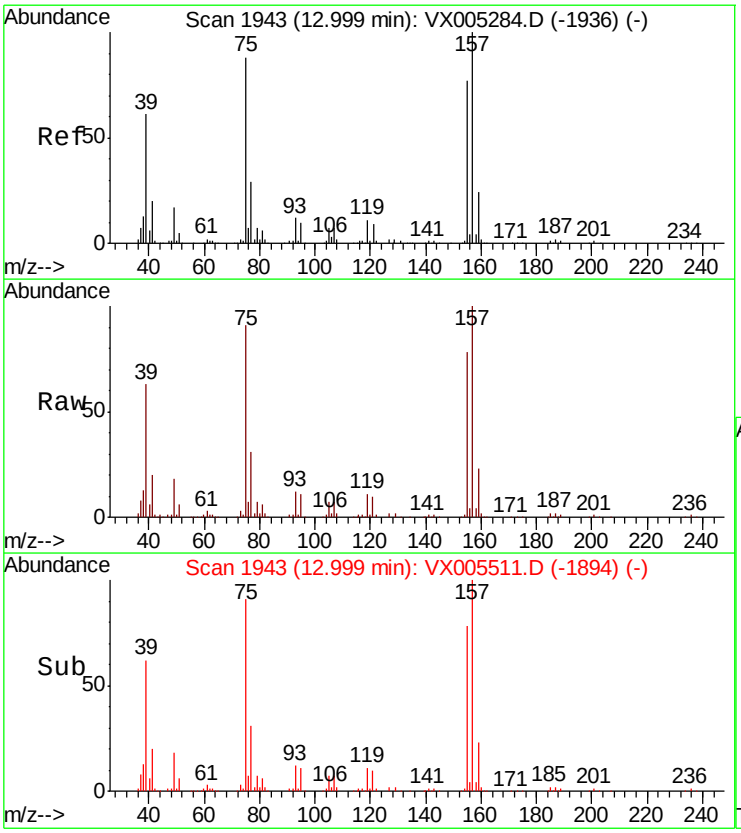
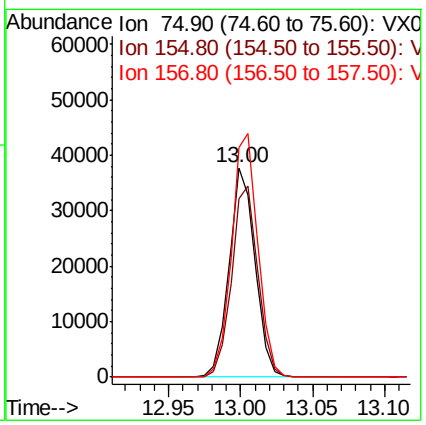
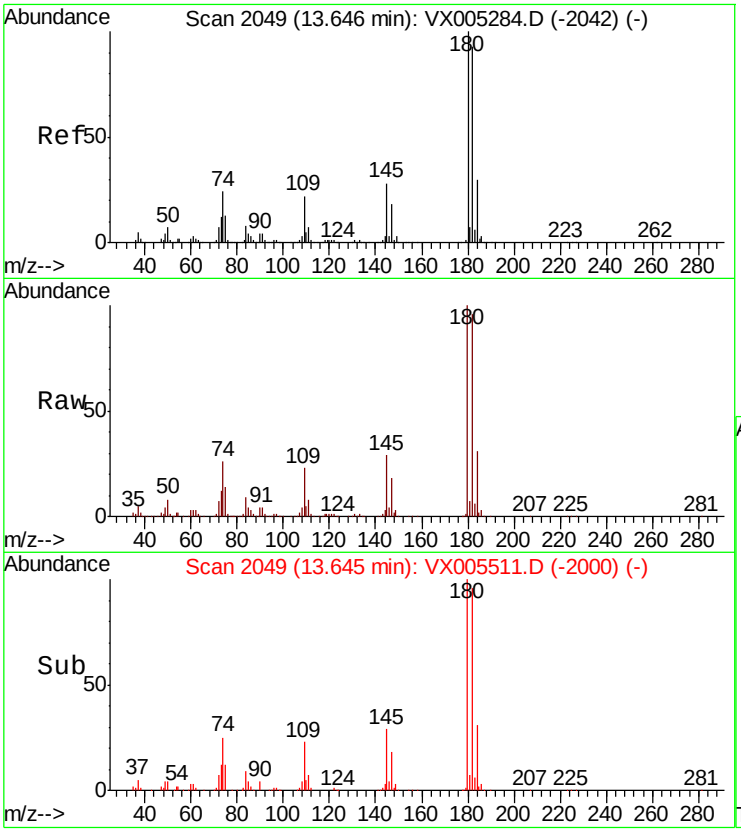


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.064 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion: 75 Resp: 47632

Ion	Ratio	Lower	Upper
75	100		
155	92.1	48.0	144.2
157	117.4	61.4	184.1

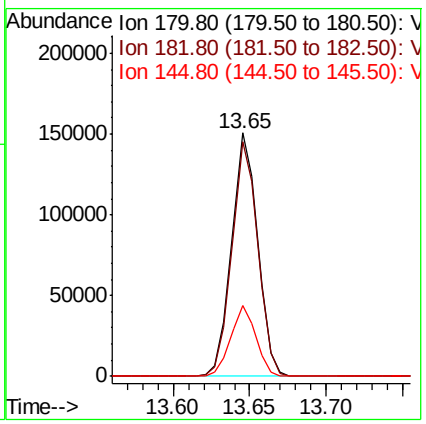




#93
1,2,4-Trichlorobenzene
Concen: 49.737 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:180 Resp: 177371

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.0
145	28.4	14.3	42.9



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
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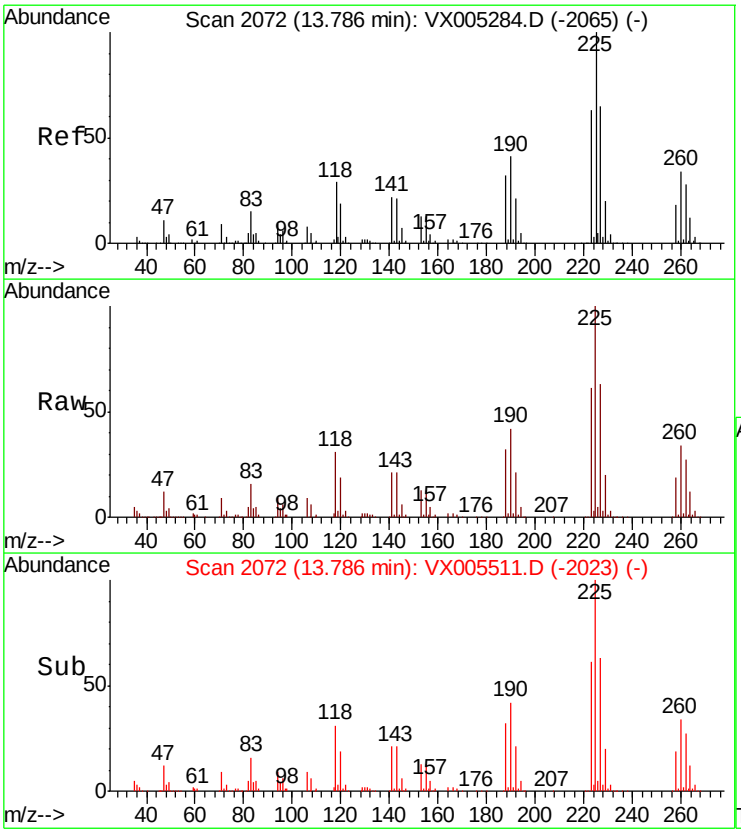
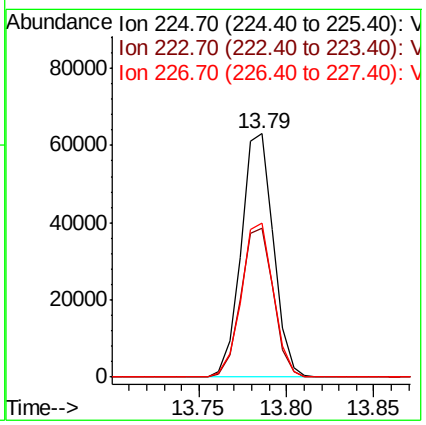
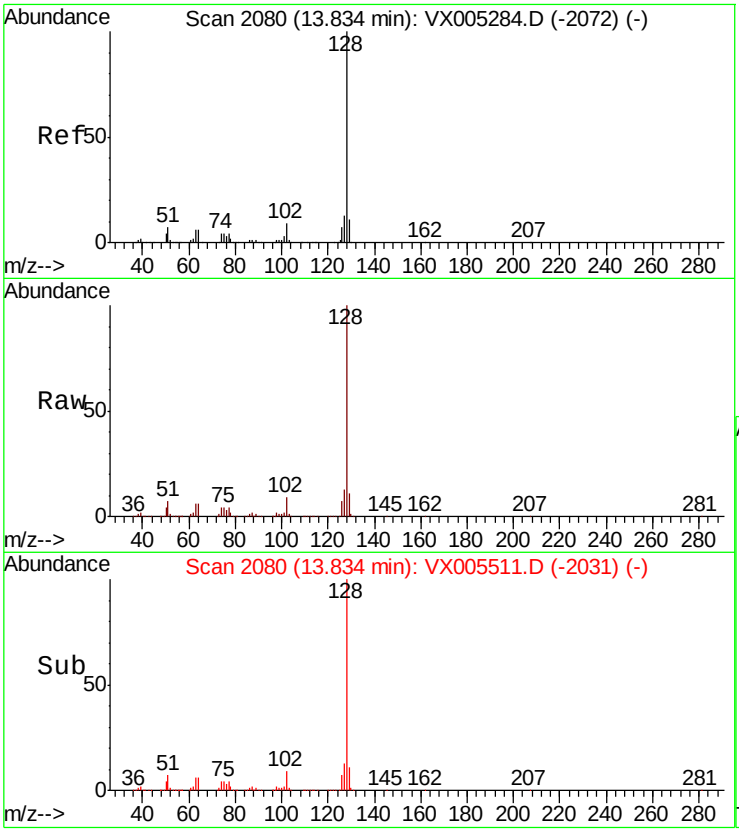


#94
Hexachlorobutadiene
Concen: 42.647 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:225 Resp: 80324

Ion	Ratio	Lower	Upper
225	100		
223	61.5	30.1	90.5
227	63.1	30.8	92.4

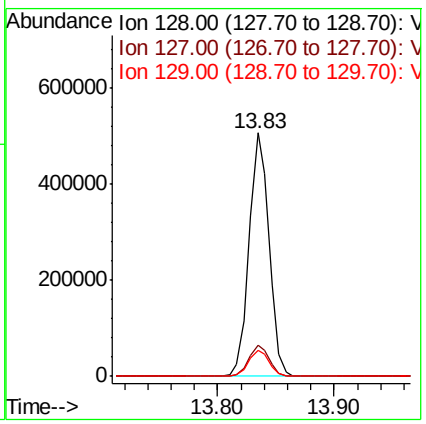




#95
Naphthalene
Concen: 58.545 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:128 Resp: 605488

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
PA-SW-01MS

Manual Integrations APPROVED
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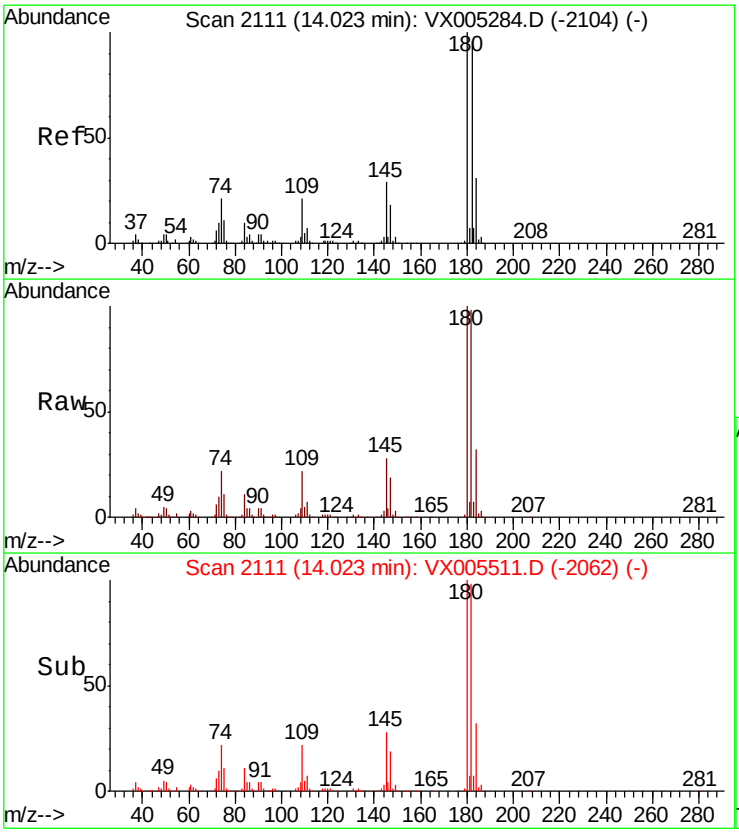

#96
1,2,3-Trichlorobenzene
Concen: 50.632 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005511.D
Acq: 23 Oct 2018 10:19

Tgt Ion:180 Resp: 184751

Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.5	145.6
145	29.8	14.9	44.9