Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021319\
Data File : VF061626.D
Acq On : 13 Feb 2019 17:05
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
2/14/2019 12:41:55 PM

Quant Time: Feb 14 03:26:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:03:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.88	168	296182	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.61	114	415670	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.78	117	370111	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	210504	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	41228	11.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 22.38%				
35) Dibromofluoromethane	4.12	113	60301	18.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 36.88%				
50) Toluene-d8	7.56	98	171286	19.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 38.32%				
62) 4-Bromofluorobenzene	11.42	95	71810	18.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 36.34%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.97	85	75434	14.515	ug/l		99
3) Chloromethane	1.11	50	74494	18.303	ug/l		96
4) Vinyl Chloride	1.15	62	69526	19.653	ug/l	#	88
5) Bromomethane	1.33	94	46026	17.504	ug/l		93
6) Chloroethane	1.39	64	34760	21.097	ug/l		93
7) Trichlorofluoromethane	1.49	101	79753m	12.840	ug/l		
8) Diethyl Ether	1.64	74	20458	21.037	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	1.84	101	58120	17.332	ug/l		96
10) Methyl Iodide	1.91	142	114001m	20.606	ug/l		
11) Tert butyl alcohol	2.58	59	12685	81.232	ug/l		98
12) 1,1-Dichloroethene	1.80	96	51737	18.884	ug/l		95
13) Acrolein	2.00	56	16357	94.511	ug/l		99
14) Allyl chloride	2.10	41	65850	16.537	ug/l		95
15) Acrylonitrile	2.95	53	45008	104.776	ug/l		99
16) Acetone	2.25	43	46764	84.393	ug/l		95
17) Carbon Disulfide	1.82	76	163880m	19.629	ug/l		
18) Methyl Acetate	2.35	43	20944	17.688	ug/l		95
19) Methyl tert-butyl Ether	2.44	73	90522	16.228	ug/l		98
20) Methylene Chloride	2.19	84	54456m	16.732	ug/l		
21) trans-1,2-Dichloroethene	2.32	96	53805	19.012	ug/l		96
22) Diisopropyl ether	2.81	45	146818	16.104	ug/l		99
23) Vinyl Acetate	3.20	43	367574	82.263	ug/l		98
24) 1,1-Dichloroethane	2.88	63	93014	16.890	ug/l		97
25) 2-Butanone	4.35	43	101408	89.878	ug/l		99
26) 2,2-Dichloropropane	3.61	77	38841	14.475	ug/l		99
27) cis-1,2-Dichloroethene	3.48	96	69859	17.373	ug/l		95
28) Bromochloromethane	3.73	49	42158	15.399	ug/l		98
29) Tetrahydrofuran	4.08	42	46934	88.804	ug/l		96
30) Chloroform	3.88	83	102205	13.704	ug/l		91
31) Cyclohexane	3.70	56	97696m	17.869	ug/l		
32) 1,1,1-Trichloroethane	4.10	97	61801	12.281	ug/l		94
36) 1,1-Dichloropropene	4.29	75	85155	18.344	ug/l		99
37) Ethyl Acetate	4.12	43	40957	20.068	ug/l		95
38) Carbon Tetrachloride	4.00	117	58645	15.447	ug/l		92

Quantitation Report (QT Reviewed)

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Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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2/14/2019 12:41:55 PM

Quant Time: Feb 14 03:26:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:03:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.46	83	102255	21.690	ug/l		99
40) Benzene	4.65	78	234211	22.514	ug/l		98
41) Methacrylonitrile	4.75	41	22502	22.000	ug/l		91
42) 1,2-Dichloroethane	4.95	62	56199	15.614	ug/l		99
43) Isopropyl Acetate	6.97	43	48335	20.862	ug/l	#	92
44) Trichloroethene	5.51	130	72082	22.686	ug/l		91
45) 1,2-Dichloropropane	6.24	63	54028	20.133	ug/l		97
46) Dibromomethane	6.10	93	33041	18.849	ug/l		93
47) Bromodichloromethane	6.40	83	70038	15.836	ug/l		96
48) Methyl methacrylate	6.73	41	27244	17.601	ug/l		94
49) 1,4-Dioxane	6.73	88	5032	463.116	ug/l	#	81
51) 4-Methyl-2-Pentanone	8.26	43	179765	103.155	ug/l		98
52) Toluene	7.63	92	138360	21.301	ug/l		98
53) t-1,3-Dichloropropene	8.28	75	62185	18.169	ug/l		98
54) cis-1,3-Dichloropropene	7.31	75	80543	18.568	ug/l		99
55) 1,1,2-Trichloroethane	8.50	97	39869	19.841	ug/l		96
56) Ethyl methacrylate	8.63	69	44205	19.843	ug/l		96
57) 1,3-Dichloropropane	8.87	76	68121	19.474	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.31	63	37912	100.886	ug/l		98
59) 2-Hexanone	9.50	43	127391	107.924	ug/l		98
60) Dibromochloromethane	8.73	129	55476	19.871	ug/l		99
61) 1,2-Dibromoethane	8.99	107	43347	20.683	ug/l		95
64) Tetrachloroethene	8.17	164	60212	21.501	ug/l		99
65) Chlorobenzene	9.81	112	155664	21.624	ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.94	131	60779	20.471	ug/l		98
67) Ethyl Benzene	9.91	91	257083	19.616	ug/l		99
68) m/p-Xylenes	10.14	106	192413	42.317	ug/l		97
69) o-Xylene	10.72	106	113642	22.663	ug/l		96
70) Styrene	10.80	104	150506	21.675	ug/l		100
71) Bromoform	10.78	173	33342	23.727	ug/l		96
73) Isopropylbenzene	11.13	105	305972	18.805	ug/l		100
74) N-amyl acetate	11.38	43	76654	18.710	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.71	83	54125	17.821	ug/l		95
76) 1,2,3-Trichloropropane	11.80	75	37434	17.348	ug/l		94
77) Bromobenzene	11.51	156	76647	21.411	ug/l		91
78) n-propylbenzene	11.60	91	352333	18.027	ug/l		93
79) 2-Chlorotoluene	11.73	91	193058	17.347	ug/l		95
80) 1,3,5-Trimethylbenzene	11.83	105	249477	18.586	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.87	75	16276m	18.044	ug/l		
82) 4-Chlorotoluene	11.90	91	204962	17.728	ug/l		94
83) tert-Butylbenzene	12.14	119	272012	19.710	ug/l		98
84) 1,2,4-Trimethylbenzene	12.21	105	235528	17.874	ug/l		97
85) sec-Butylbenzene	12.32	105	352852	19.131	ug/l		99
86) p-Isopropyltoluene	12.47	119	302155	20.029	ug/l		98
87) 1,3-Dichlorobenzene	12.49	146	149624	21.505	ug/l		98
88) 1,4-Dichlorobenzene	12.57	146	139098	21.015	ug/l		99
89) n-Butylbenzene	12.85	91	282604	18.497	ug/l		97
90) Hexachloroethane	12.92	117	67884	17.742	ug/l		83
91) 1,2-Dichlorobenzene	12.95	146	145459	22.446	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.65	75	8193	15.559	ug/l		74

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021319\
Data File : VF061626.D
Acq On : 13 Feb 2019 17:05
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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2/14/2019 12:41:55 PM

Quant Time: Feb 14 03:26:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:03:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	104155	22.889	ug/l	95
94) Hexachlorobutadiene	14.20	225	61679	21.971	ug/l	95
95) Naphthalene	14.47	128	172171	20.014	ug/l	99
96) 1,2,3-Trichlorobenzene	14.61	180	91765	22.451	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021319\
Data File : VF061626.D
Acq On : 13 Feb 2019 17:05
Operator : VA/AP
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA-F/SOIL
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Quant Time: Feb 14 03:26:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:03:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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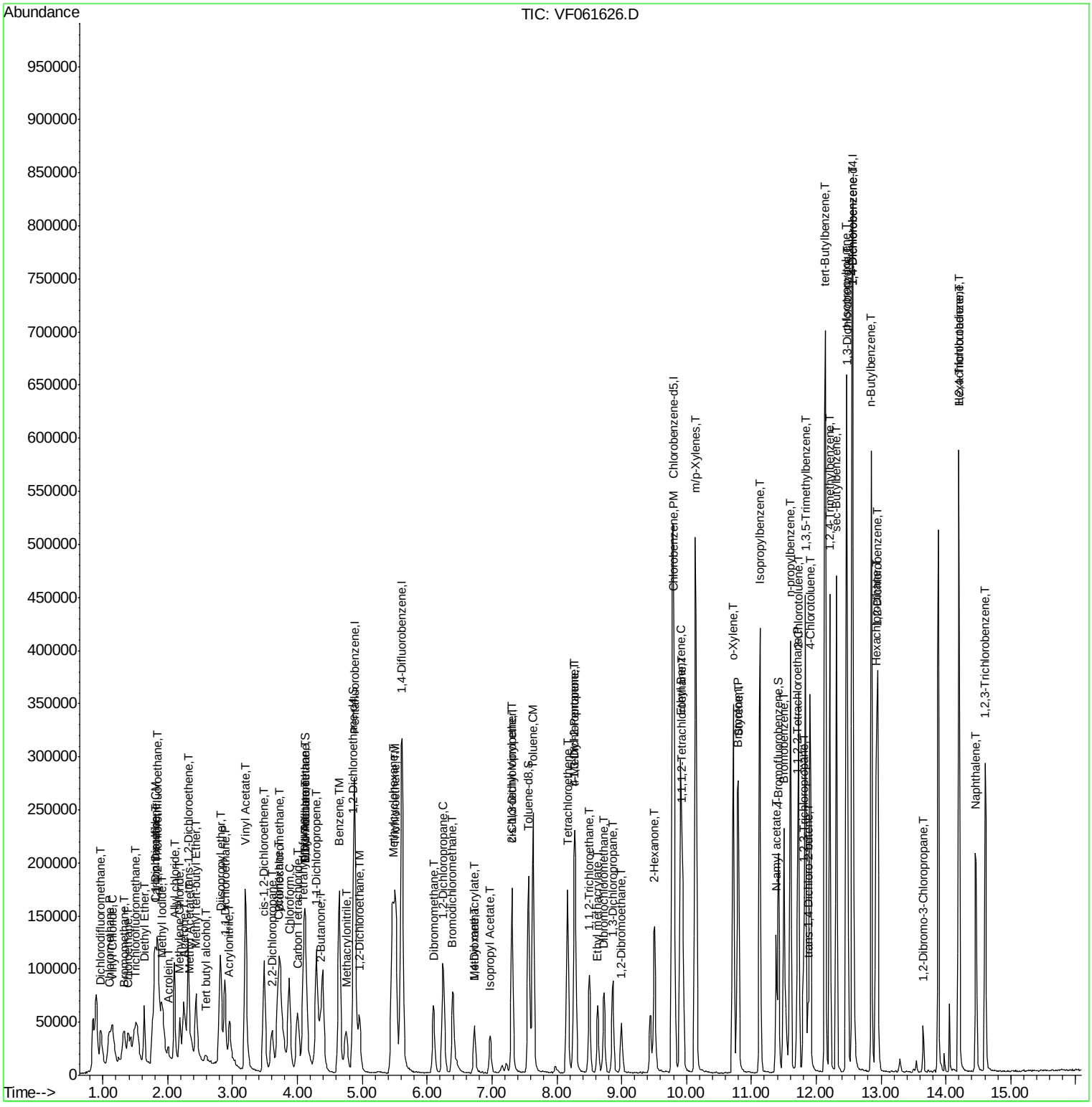
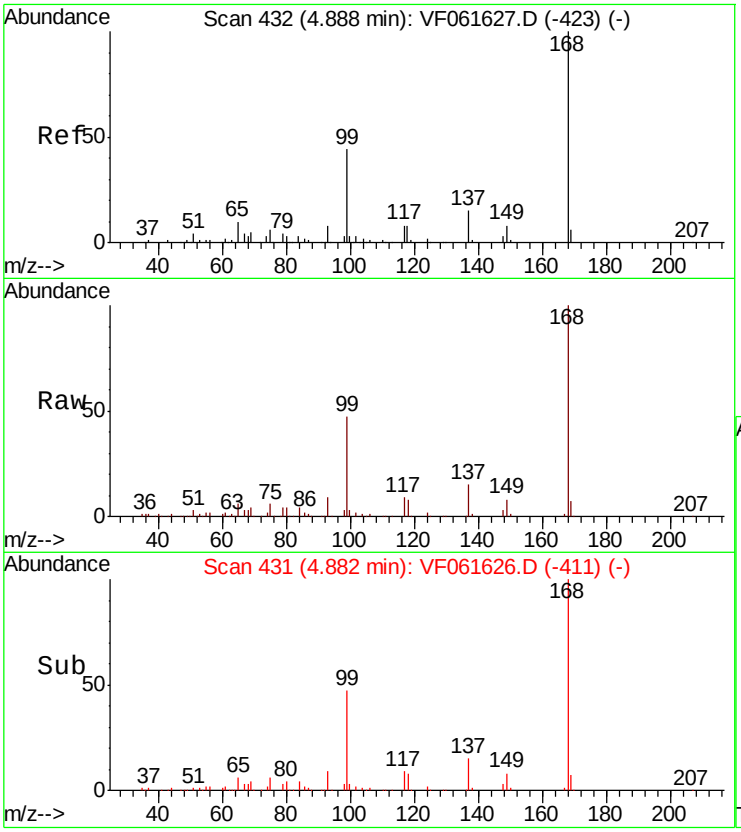
2/14/2019 12:41:55 PM

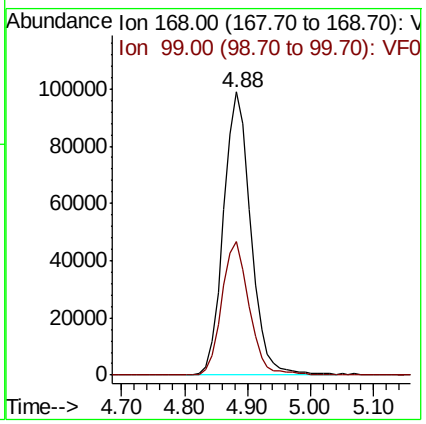




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:168 Resp: 296182

Ion	Ratio	Lower	Upper
168	100		
99	47.3	34.9	52.3



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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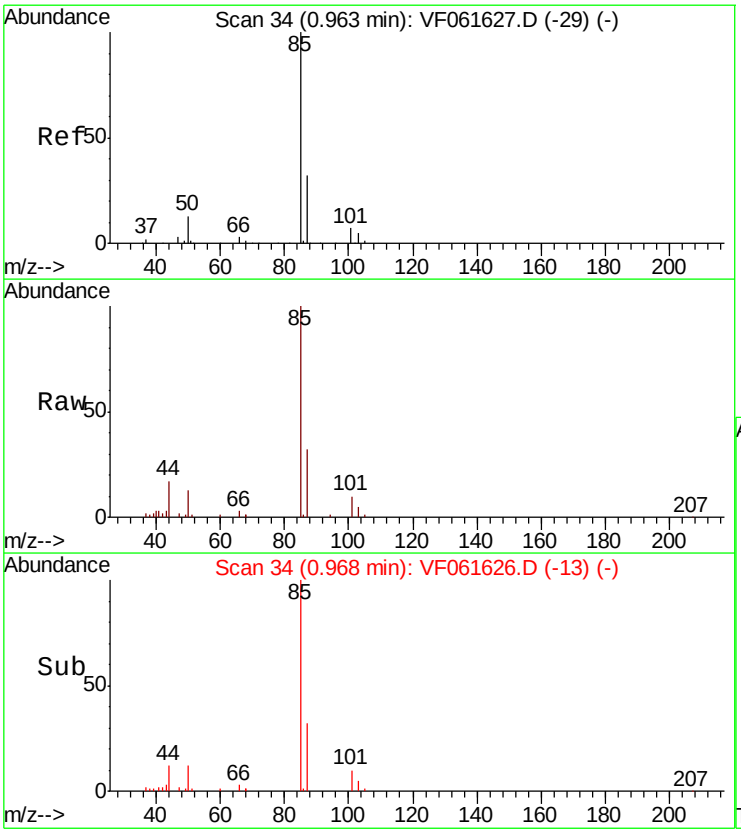
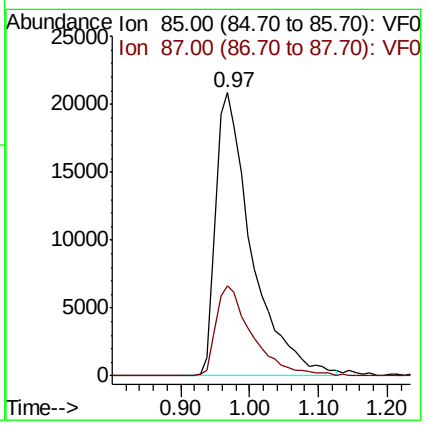
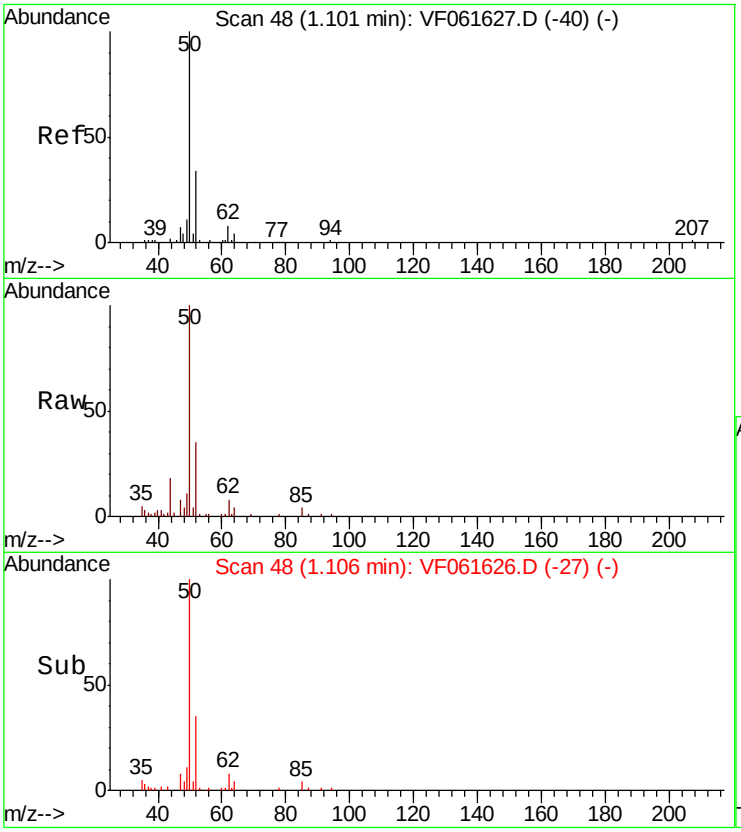


#2
Dichlorodifluoromethane
Concen: 14.515 ug/l
RT: 0.97 min Scan# 34
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 85 Resp: 75434

Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.1	48.2

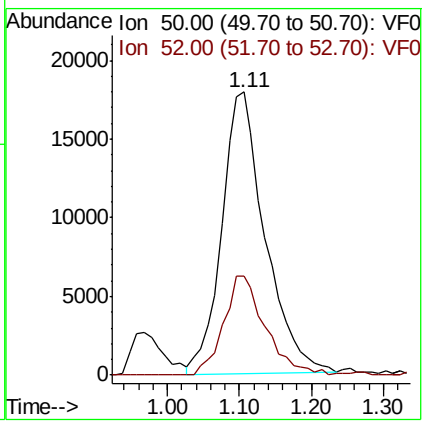




#3
Chloromethane
Concen: 18.303 ug/l
RT: 1.11 min Scan# 48
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 50 Resp: 74494

Ion	Ratio	Lower	Upper
50	100		
52	35.0	26.2	39.4



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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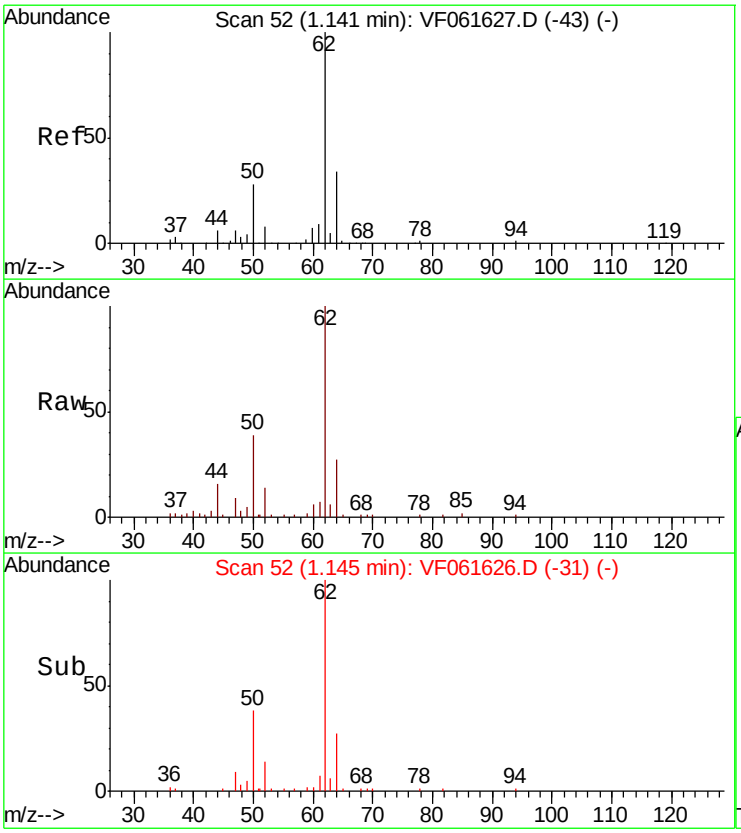
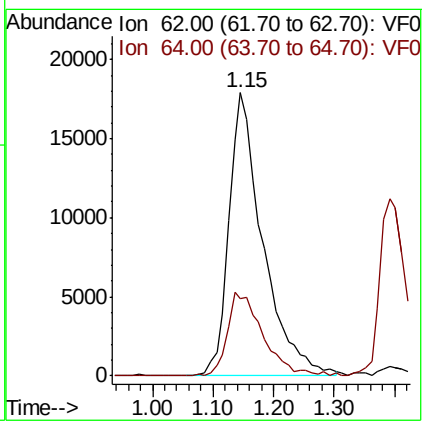
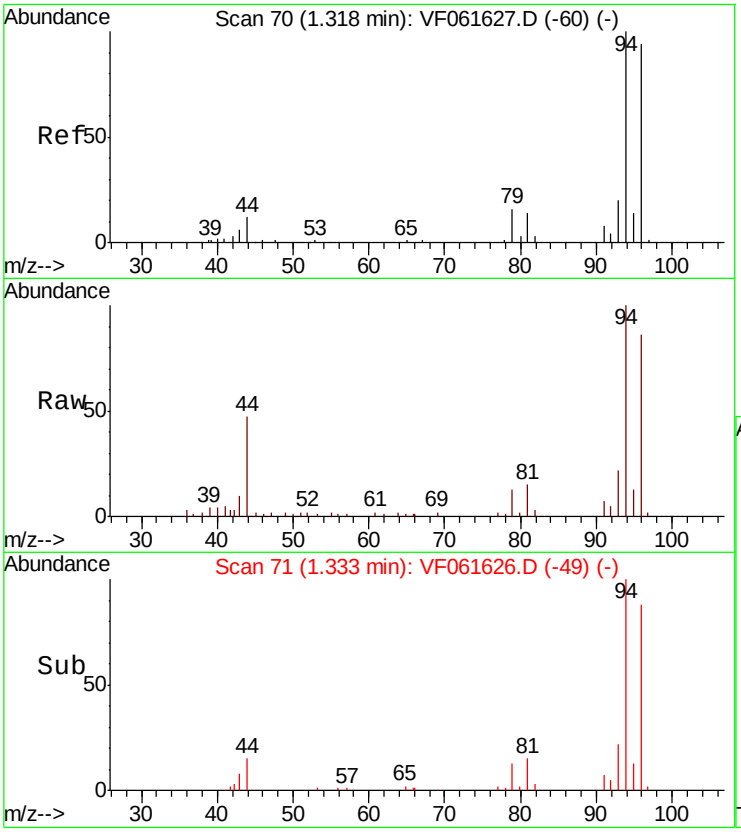


#4
Vinyl Chloride
Concen: 19.653 ug/l
RT: 1.15 min Scan# 52
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 62 Resp: 69526

Ion	Ratio	Lower	Upper
62	100		
64	27.5	27.5	41.3#

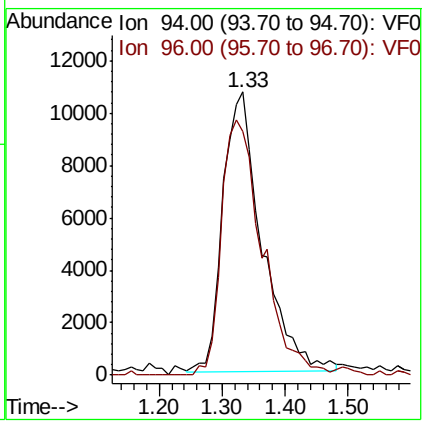




#5
Bromomethane
Concen: 17.504 ug/l
RT: 1.33 min Scan# 71
Delta R.T. 0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 94 Resp: 46026

Ion	Ratio	Lower	Upper
94	100		
96	86.2	74.6	112.0



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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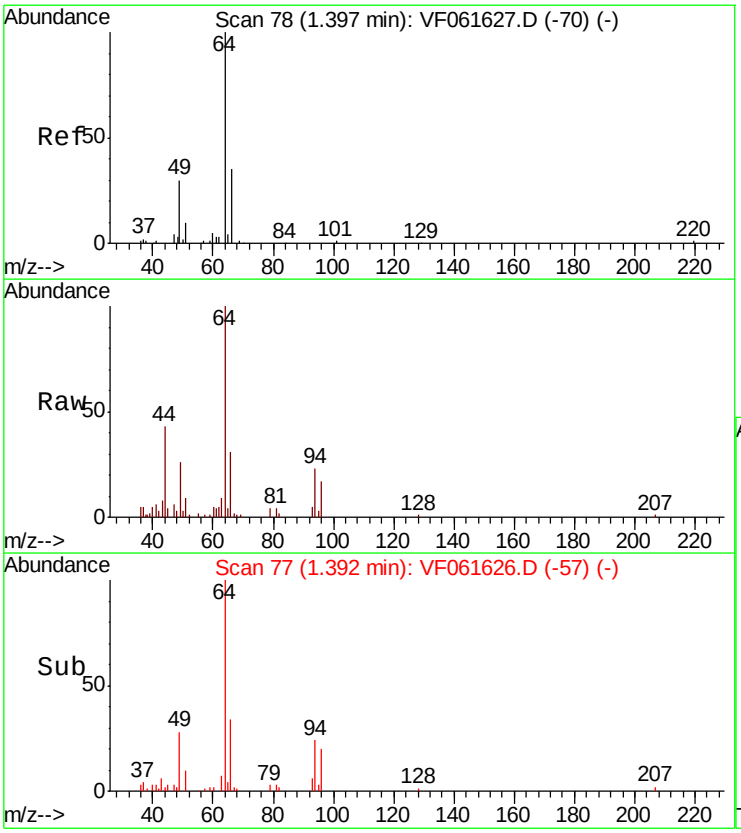
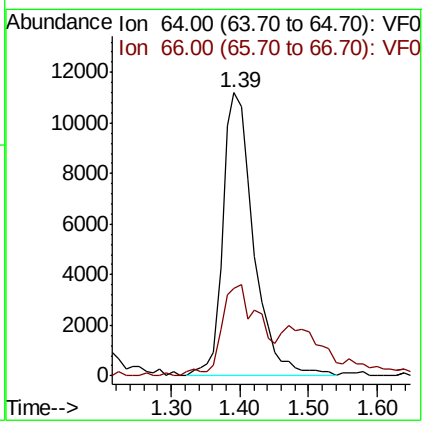
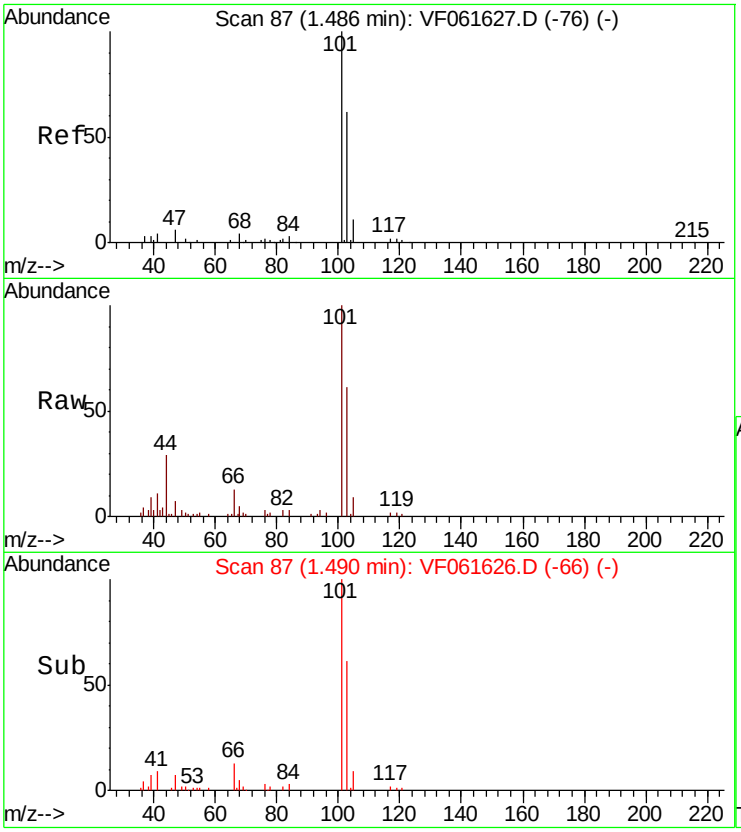


#6
Chloroethane
Concen: 21.097 ug/l
RT: 1.39 min Scan# 77
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 64 Resp: 34760

Ion	Ratio	Lower	Upper
64	100		
66	30.8	27.9	41.9

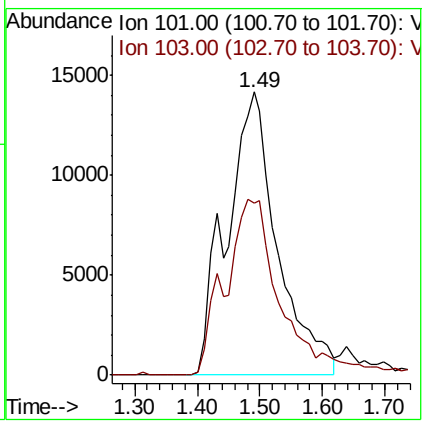




#7
Trichlorofluoromethane
Concen: 12.840 ug/l m
RT: 1.49 min Scan# 87
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:101 Resp: 79753

Ion	Ratio	Lower	Upper
101	100		
103	60.8	49.3	73.9



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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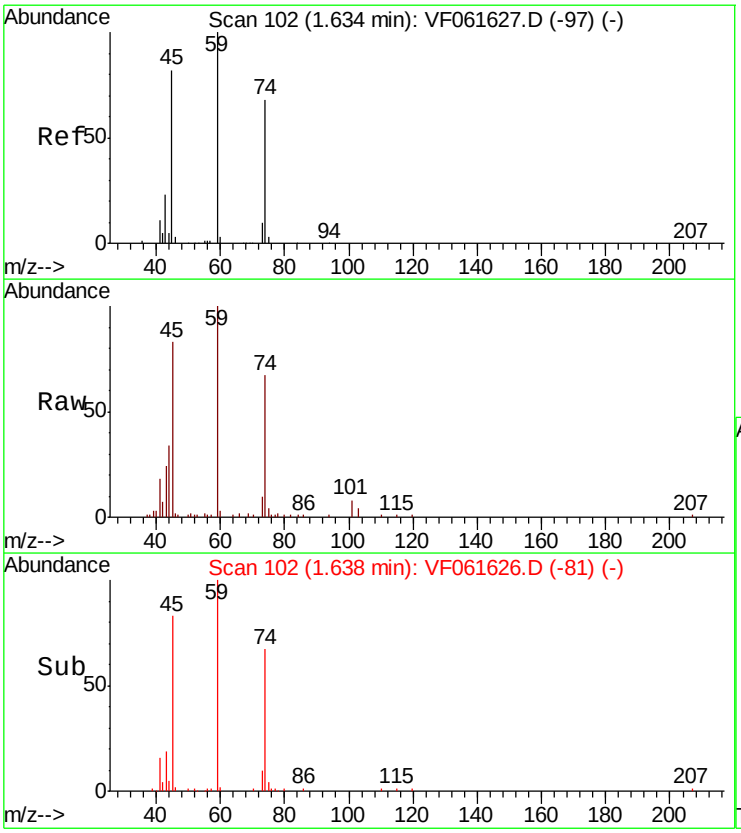
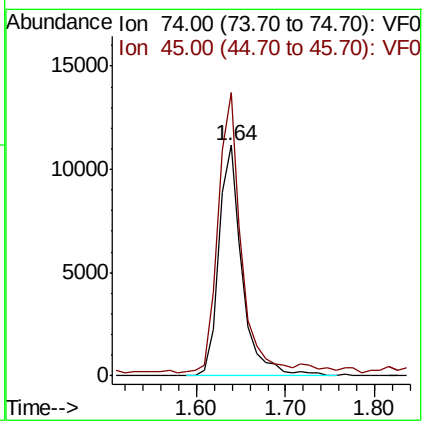
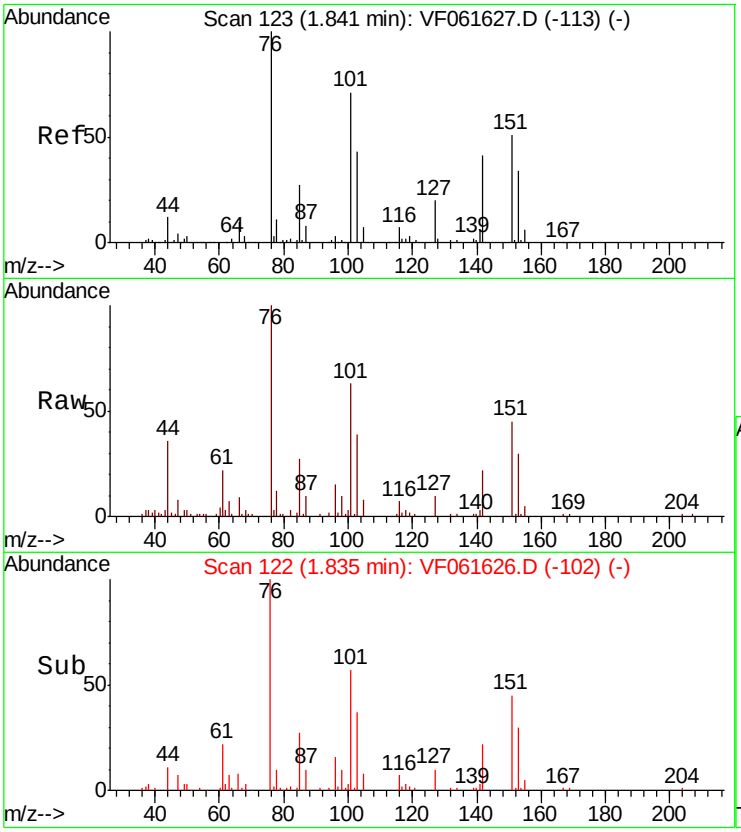


#8
Diethyl Ether
Concen: 21.037 ug/l
RT: 1.64 min Scan# 102
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 74 Resp: 20458

Ion	Ratio	Lower	Upper
74	100		
45	122.8	60.8	182.3

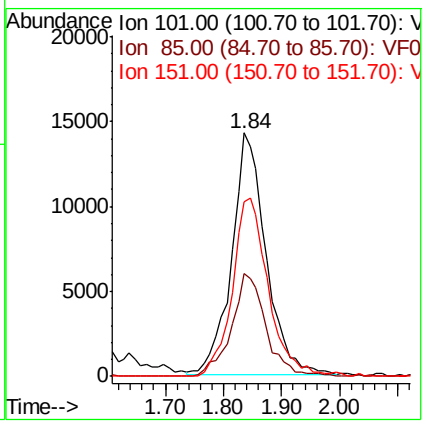




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.332 ug/l
RT: 1.84 min Scan# 122
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:101 Resp: 58120

Ion	Ratio	Lower	Upper
101	100		
85	42.4	29.8	44.6
151	71.6	56.3	84.5



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
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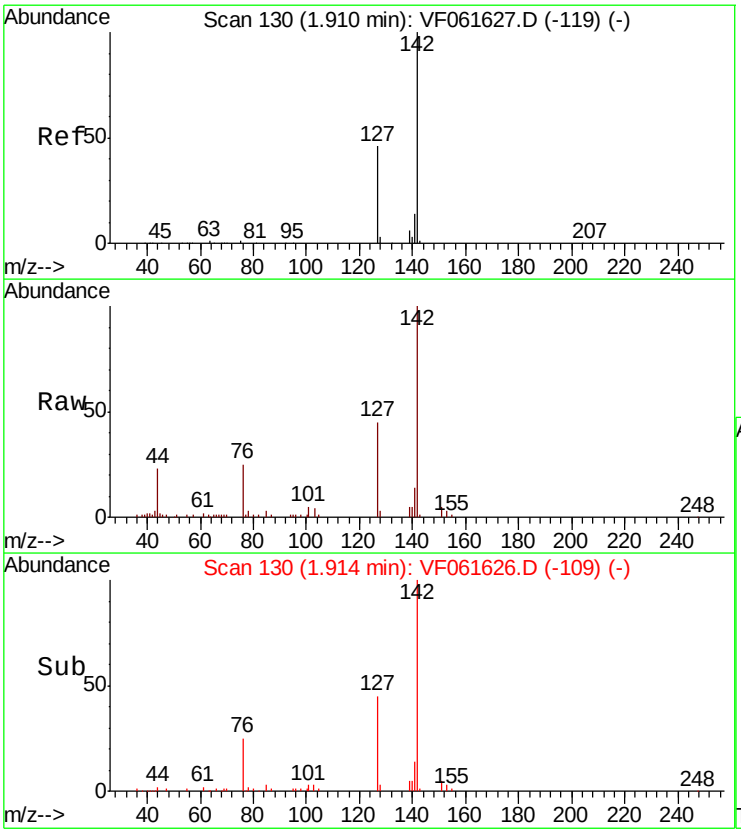
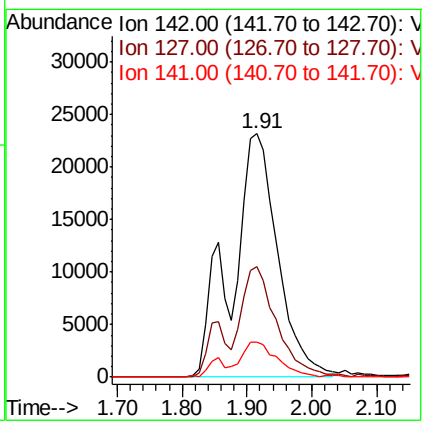
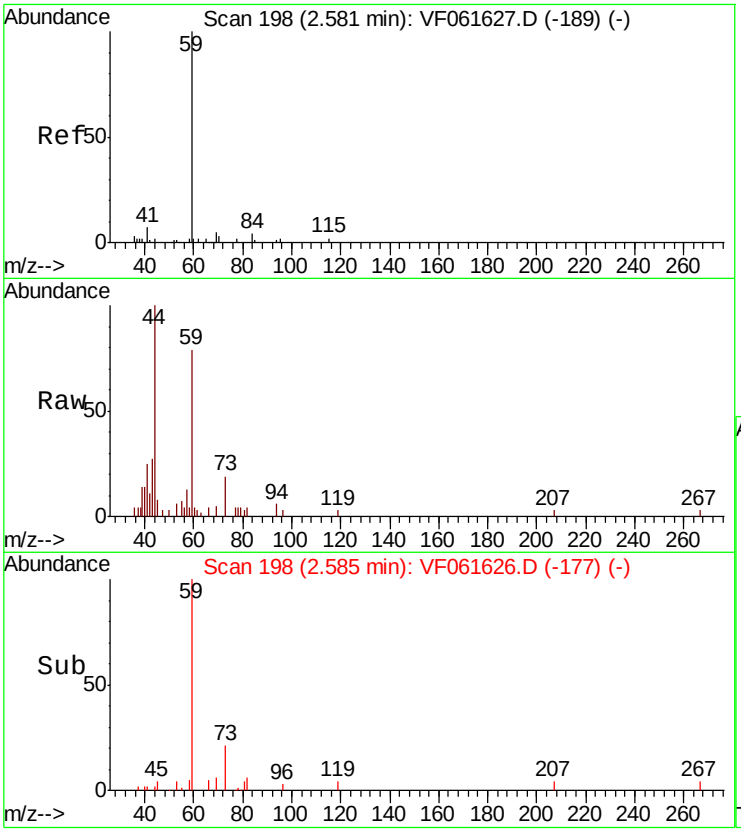


#10
Methyl Iodide
Concen: 20.606 ug/l m
RT: 1.91 min Scan# 130
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:142 Resp: 114001

Ion	Ratio	Lower	Upper
142	100		
127	45.2	36.6	55.0
141	14.2	11.0	16.6





#11
Tert butyl alcohol
Concen: 81.232 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 59 Resp: 12685

Ion	Ratio	Lower	Upper
59	100		
57	16.3	12.5	18.7

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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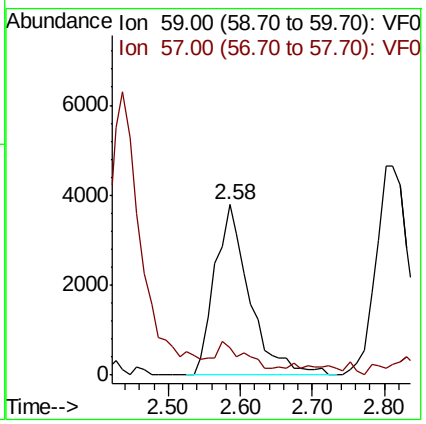
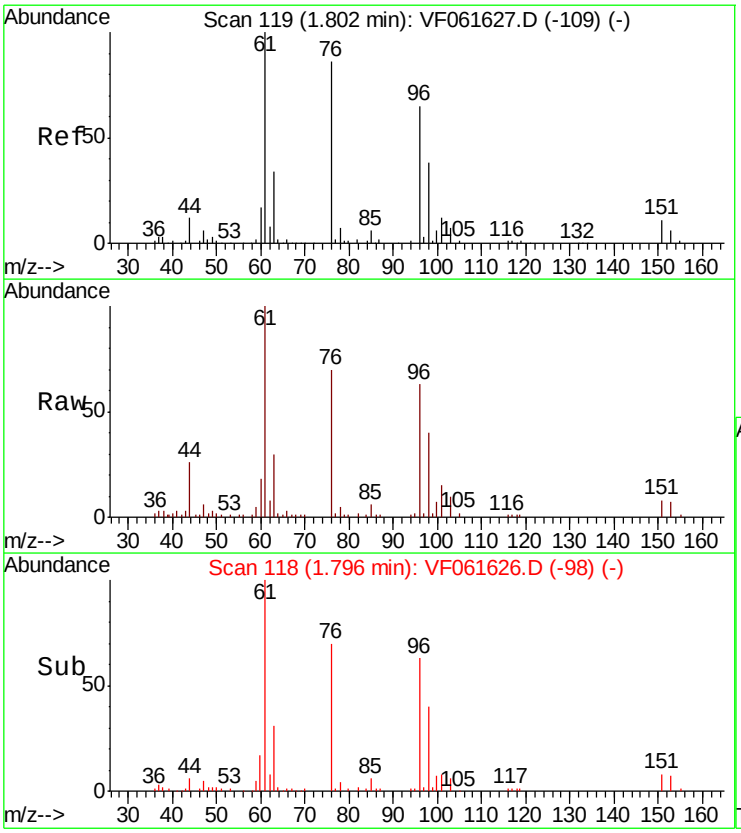
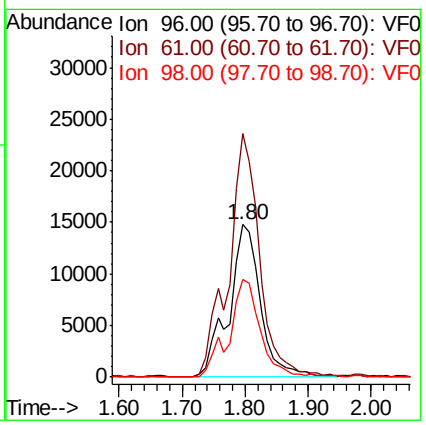


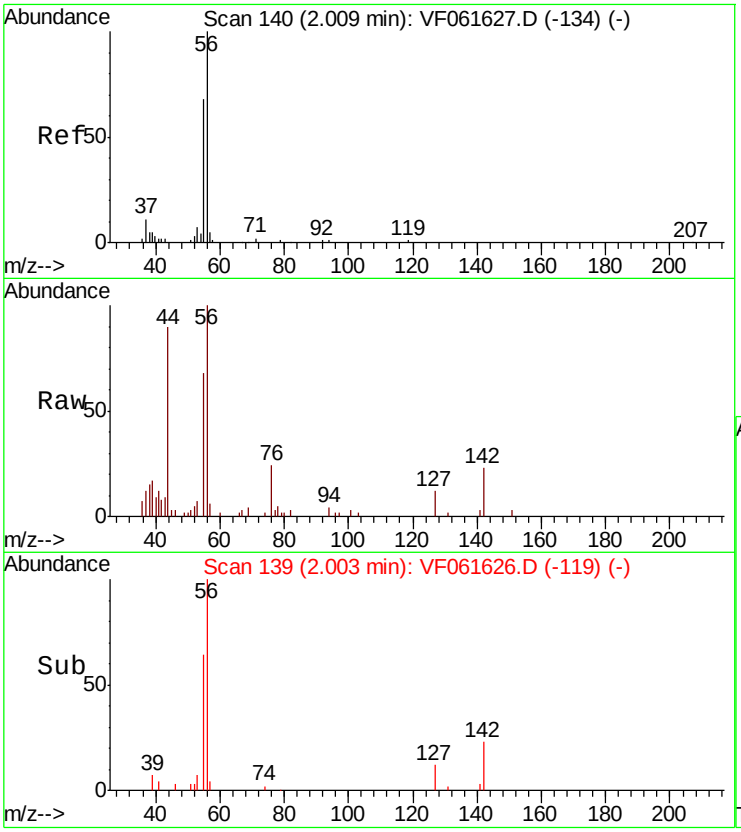


#12
1,1-Dichloroethene
Concen: 18.884 ug/l
RT: 1.80 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 96 Resp: 51737

Ion	Ratio	Lower	Upper
96	100		
61	159.8	122.6	184.0
98	63.9	47.2	70.8





#13
Acrolein
Concen: 94.511 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 56 Resp: 16357

Ion	Ratio	Lower	Upper
56	100		
55	67.7	55.0	82.6

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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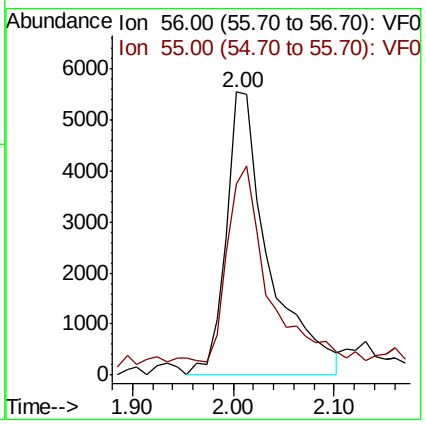
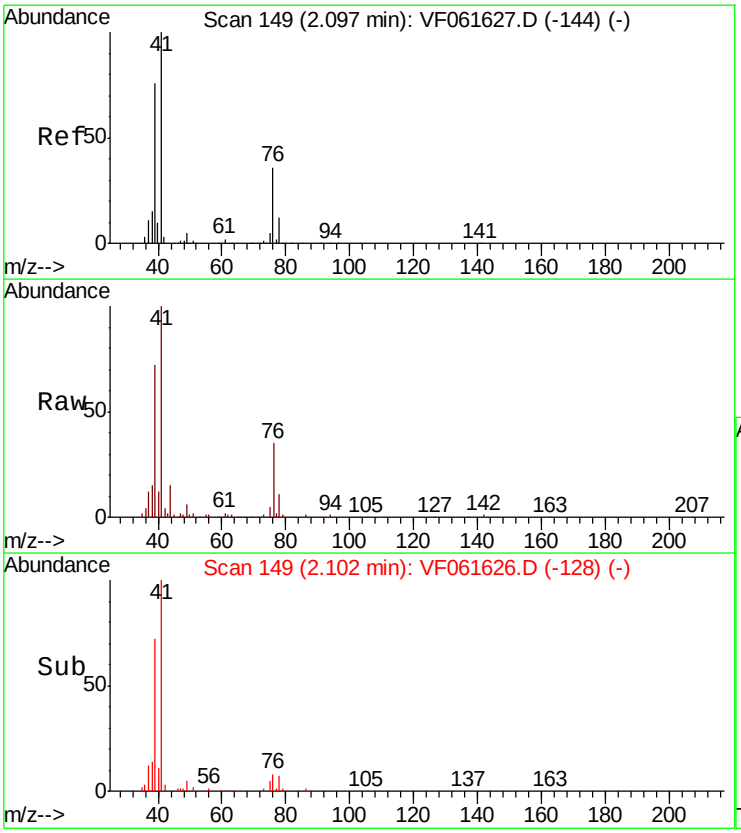
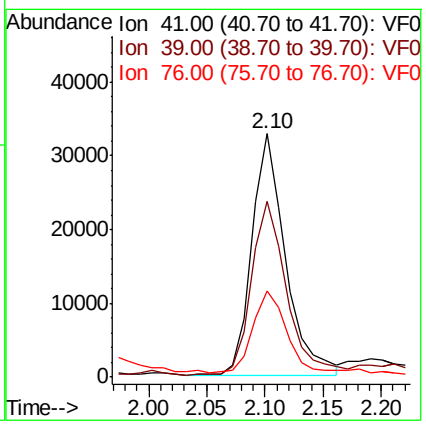


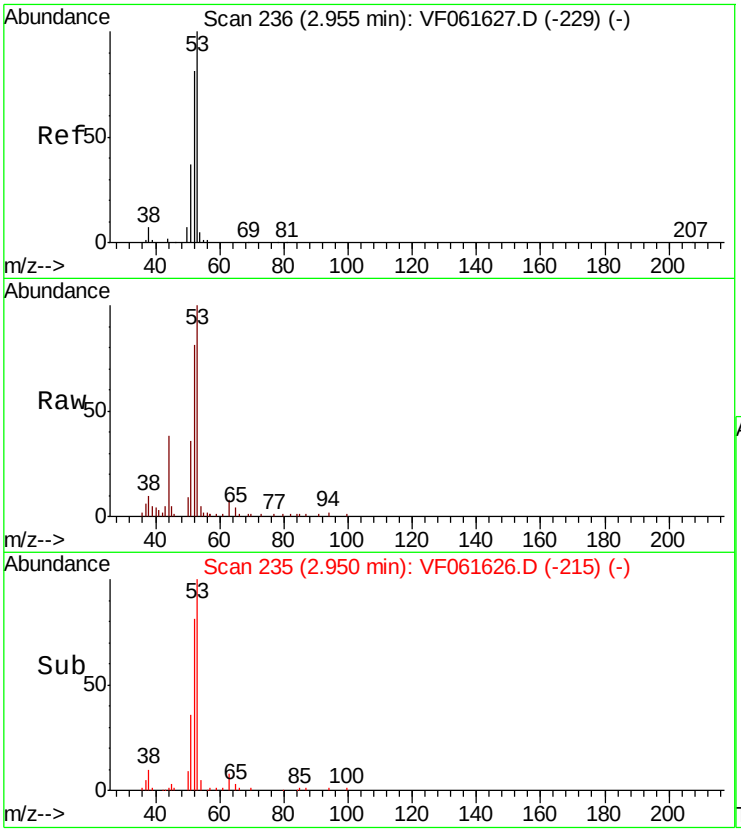


#14
Allyl chloride
Concen: 16.537 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 41 Resp: 65850

Ion	Ratio	Lower	Upper
41	100		
39	72.3	61.6	92.4
76	35.3	30.3	45.5

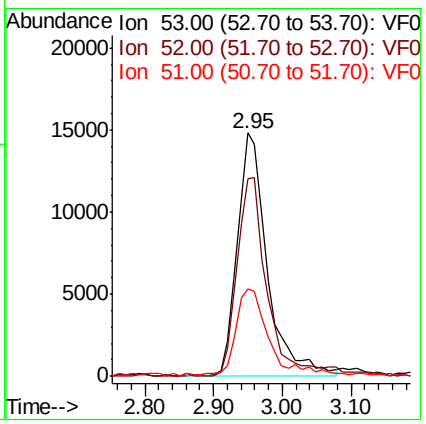




#15
Acrylonitrile
Concen: 104.776 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 53 Resp: 45008

Ion	Ratio	Lower	Upper
53	100		
52	81.3	64.6	97.0
51	36.2	29.8	44.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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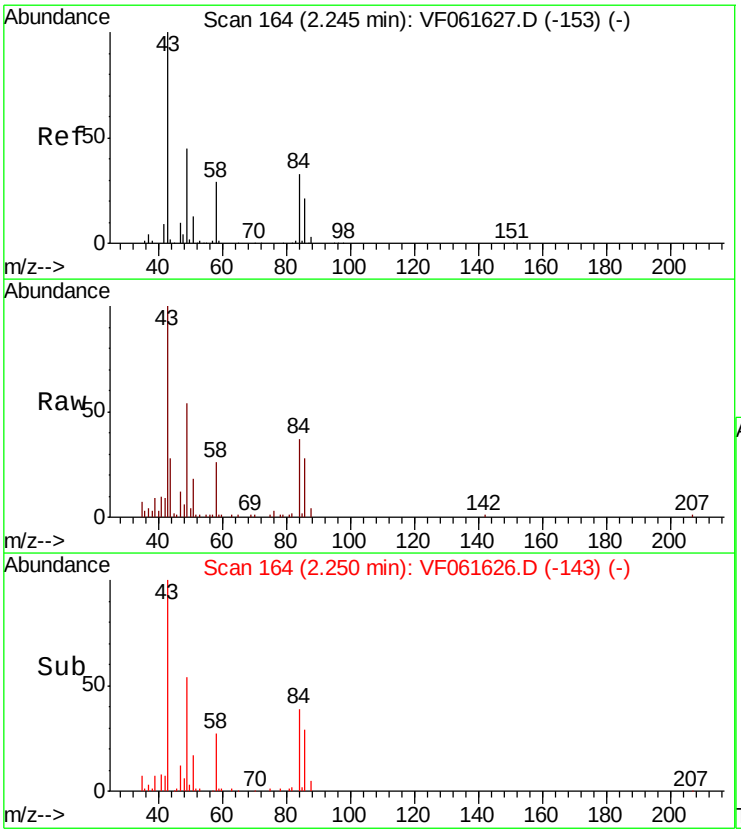
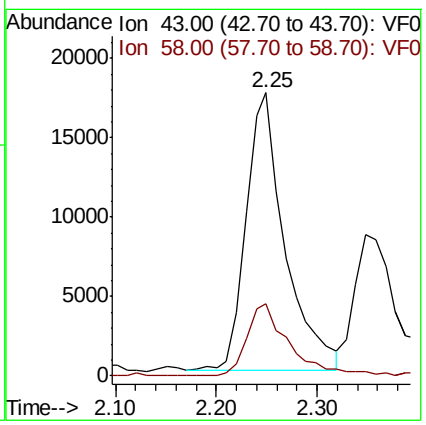
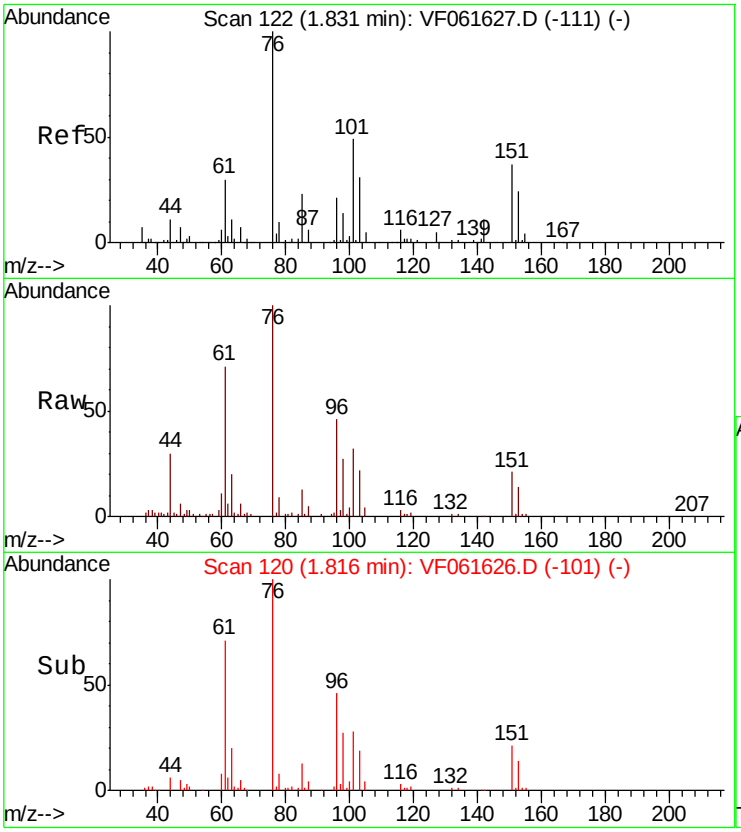


#16
Acetone
Concen: 84.393 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 43 Resp: 46764

Ion	Ratio	Lower	Upper
43	100		
58	25.7	22.9	34.3

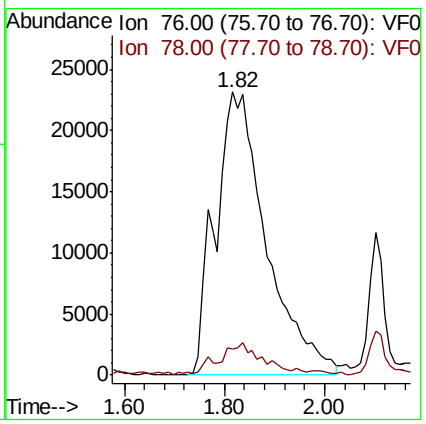




#17
Carbon Disulfide
Concen: 19.629 ug/l m
RT: 1.82 min Scan# 120
Delta R.T. -0.02 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 76 Resp: 163880

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.9	11.9



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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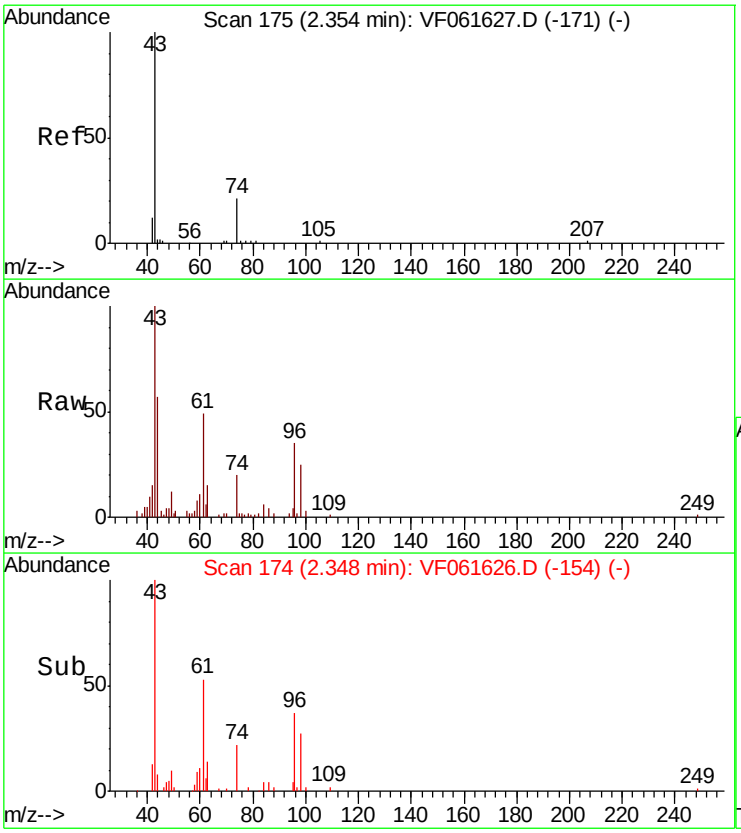
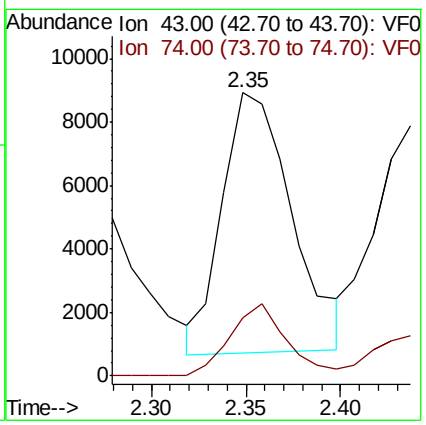
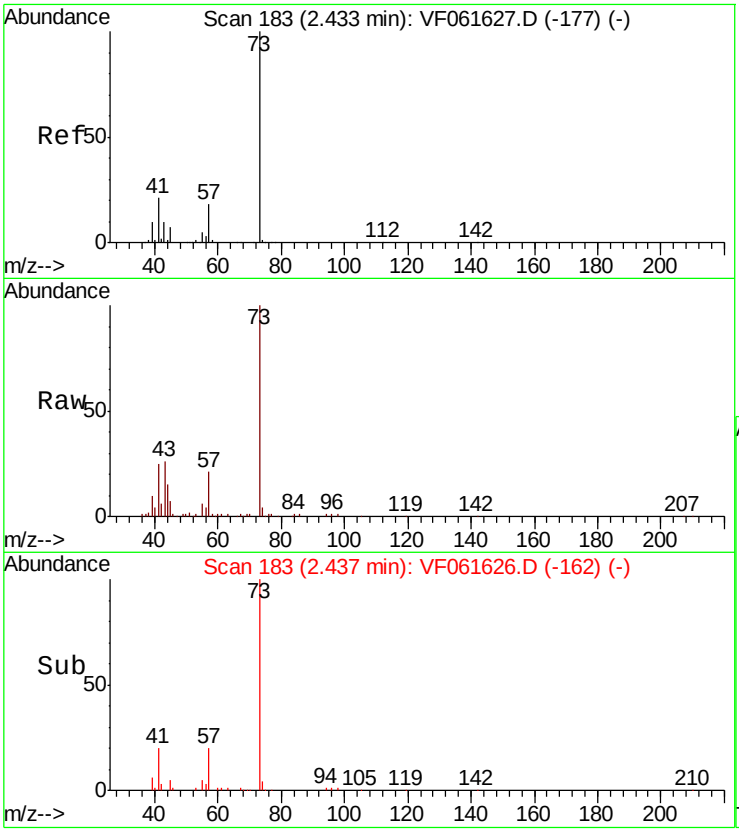


#18
Methyl Acetate
Concen: 17.688 ug/l
RT: 2.35 min Scan# 174
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 43 Resp: 20944

Ion	Ratio	Lower	Upper
43	100		
74	20.3	14.6	21.8

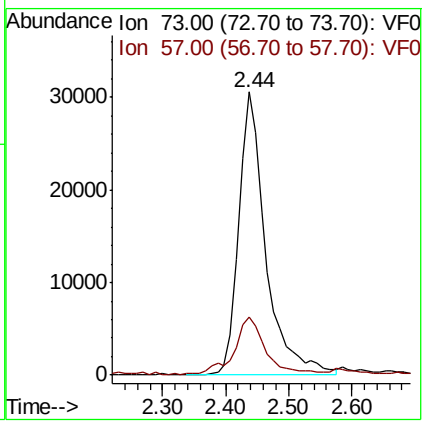




#19
Methyl tert-butyl Ether
Concen: 16.228 ug/l
RT: 2.44 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 73 Resp: 90522

Ion	Ratio	Lower	Upper
73	100		
57	20.6	15.8	23.8



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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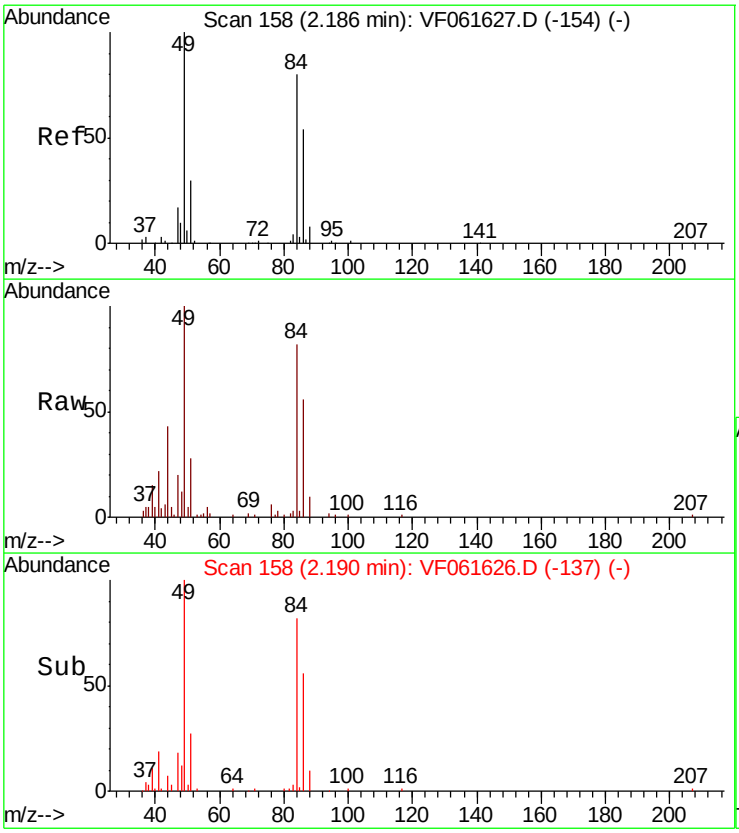
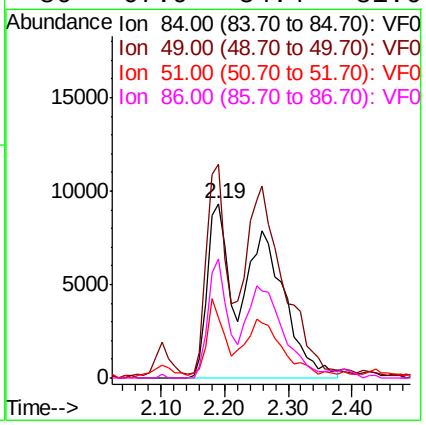
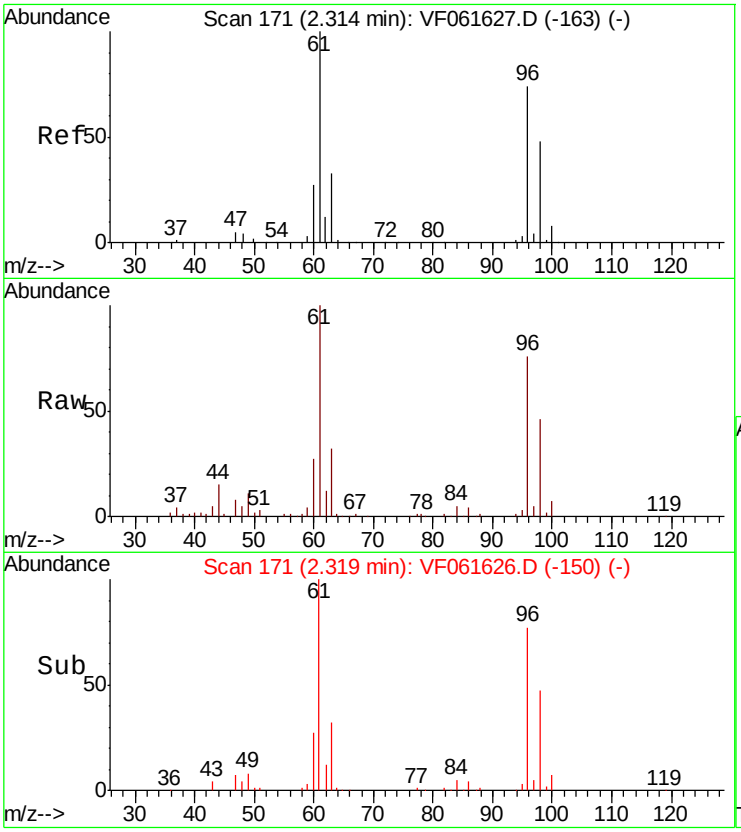


#20
Methylene Chloride
Concen: 16.732 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 84 Resp: 54456

Ion	Ratio	Lower	Upper
84	100		
49	122.3	101.8	152.8
51	34.2	31.1	46.7
86	67.9	54.4	81.6

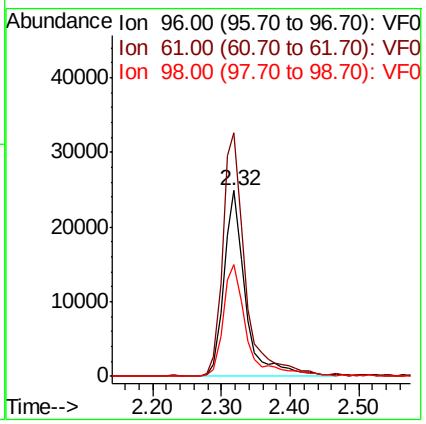




#21
trans-1,2-Dichloroethene
Concen: 19.012 ug/l
RT: 2.32 min Scan# 171
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 96 Resp: 53805

Ion	Ratio	Lower	Upper
96	100		
61	131.0	108.2	162.4
98	60.4	52.2	78.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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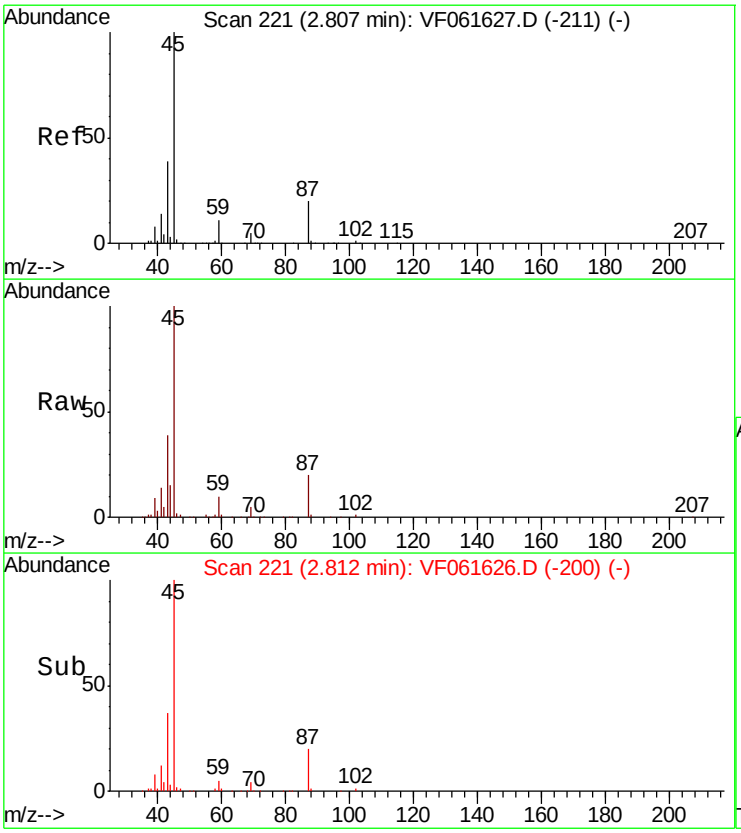
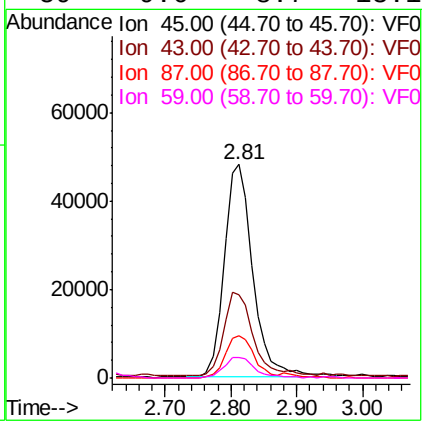
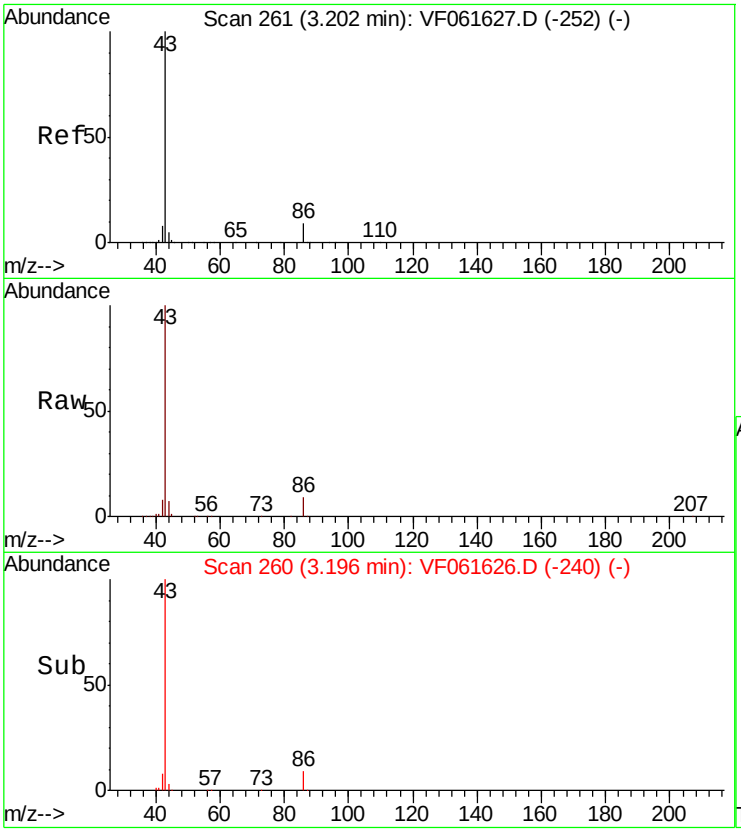


#22
Diisopropyl ether
Concen: 16.104 ug/l
RT: 2.81 min Scan# 221
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 45 Resp: 146818

Ion	Ratio	Lower	Upper
45	100		
43	38.9	31.4	47.2
87	19.8	16.3	24.5
59	9.6	8.7	13.1





#23
Vinyl Acetate
Concen: 82.263 ug/l
RT: 3.20 min Scan# 260
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 43 Resp: 367574

Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.5	11.3

Instrument :
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ClientSampleId :
VSTDICC020

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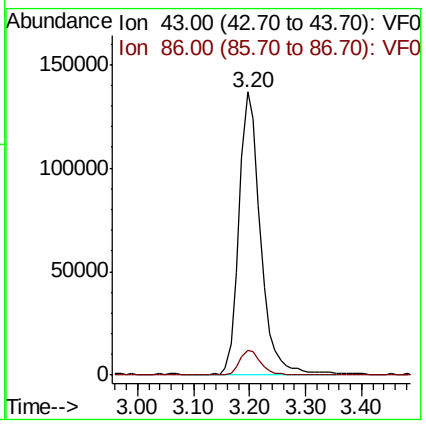
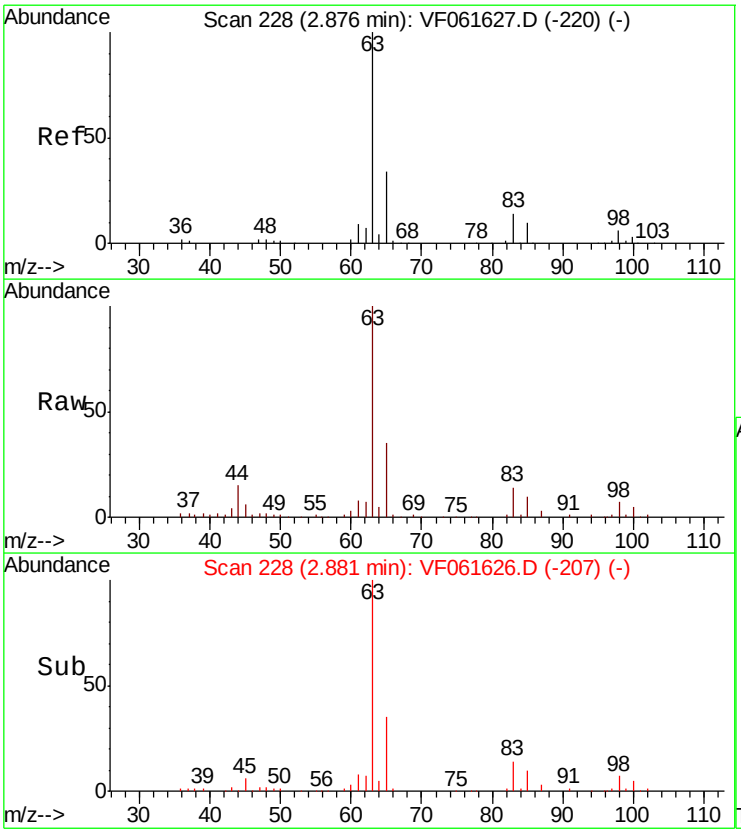
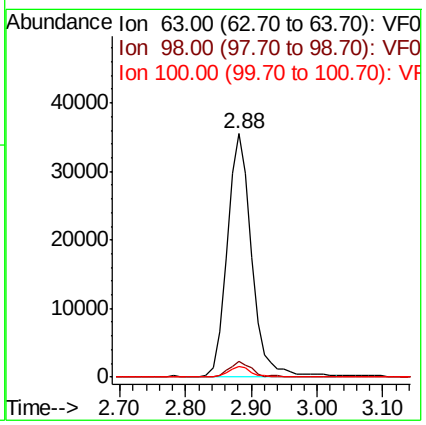


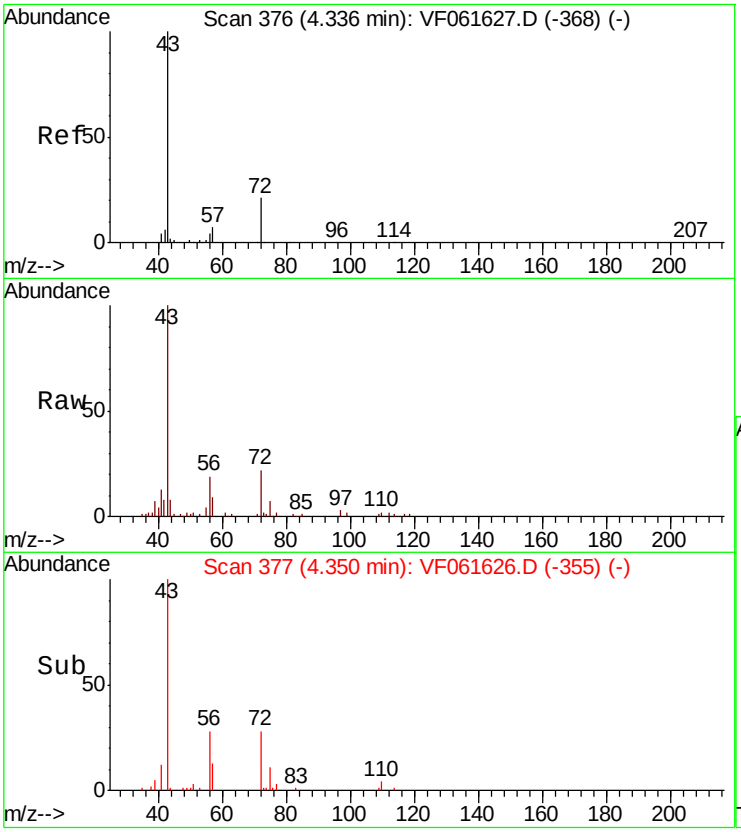


#24
1,1-Dichloroethane
Concen: 16.890 ug/l
RT: 2.88 min Scan# 228
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 63 Resp: 93014

Ion	Ratio	Lower	Upper
63	100		
98	6.5	2.8	8.3
100	4.6	1.8	5.4

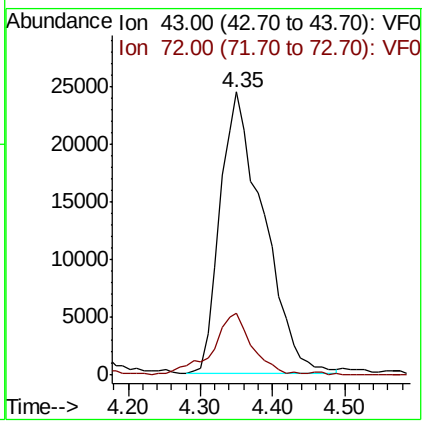




#25
2-Butanone
Concen: 89.878 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 43 Resp: 101408

Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.1	25.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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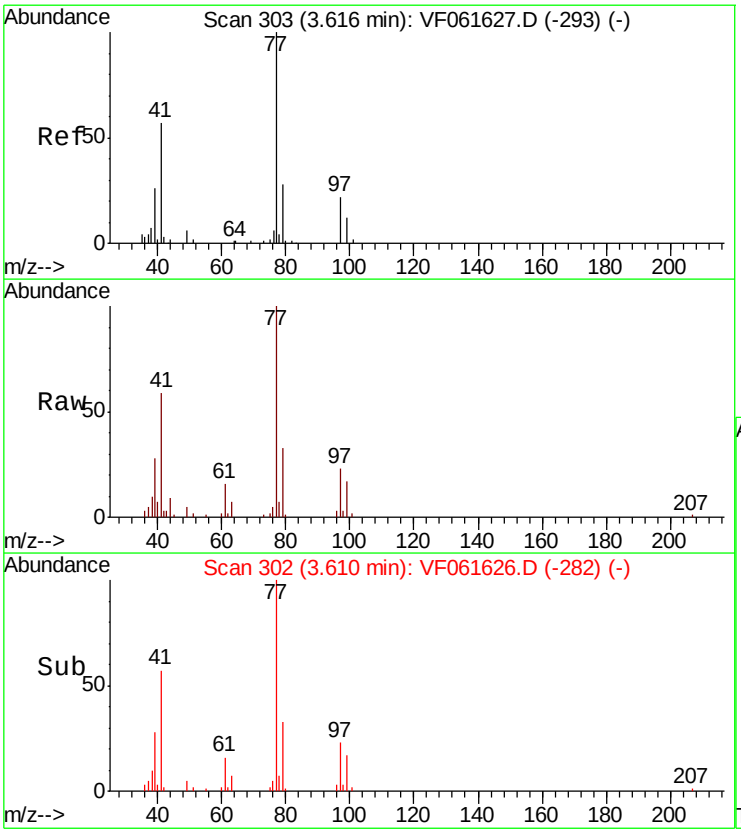
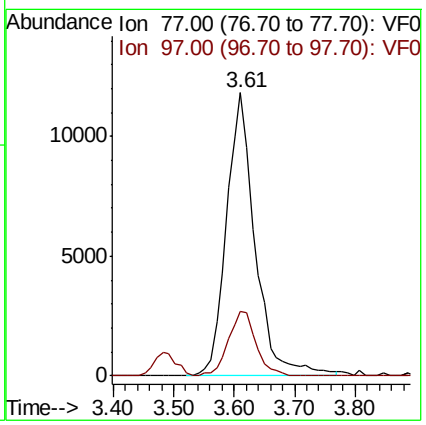
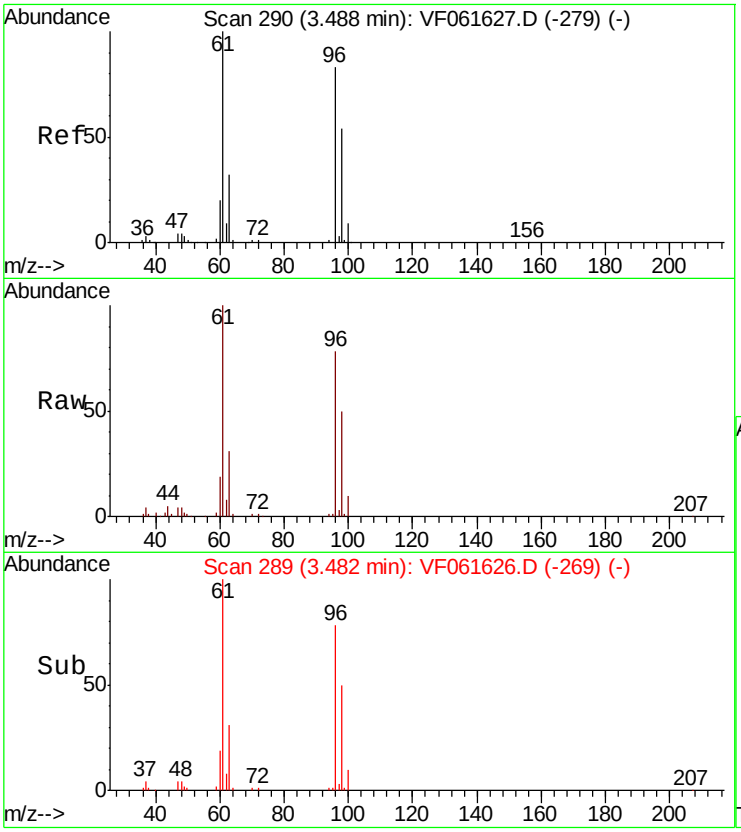


#26
2,2-Dichloropropane
Concen: 14.475 ug/l
RT: 3.61 min Scan# 302
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 77 Resp: 38841

Ion	Ratio	Lower	Upper
77	100		
97	22.7	11.7	35.0

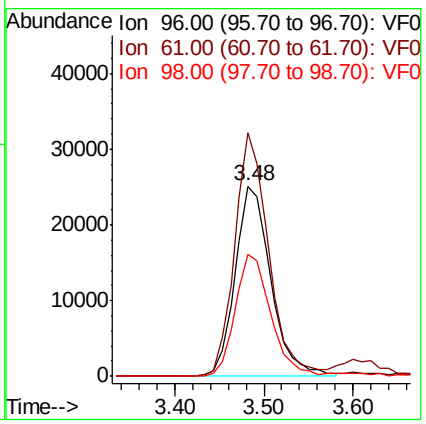




#27
cis-1,2-Dichloroethene
Concen: 17.373 ug/l
RT: 3.48 min Scan# 289
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 96 Resp: 69859

Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	241.6
98	64.1	0.0	130.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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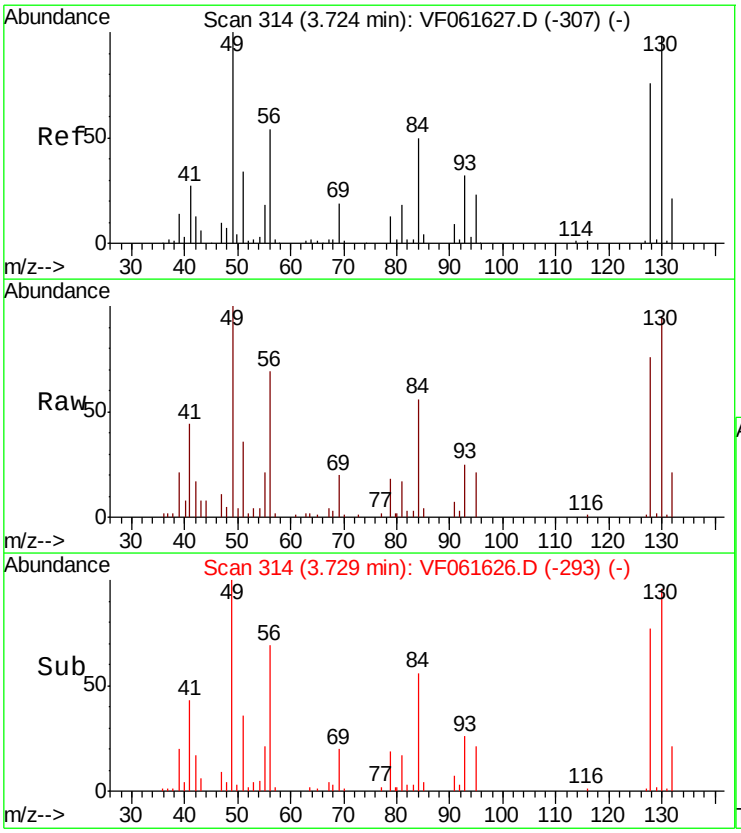
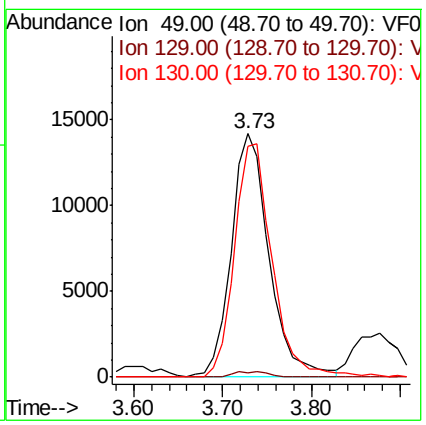
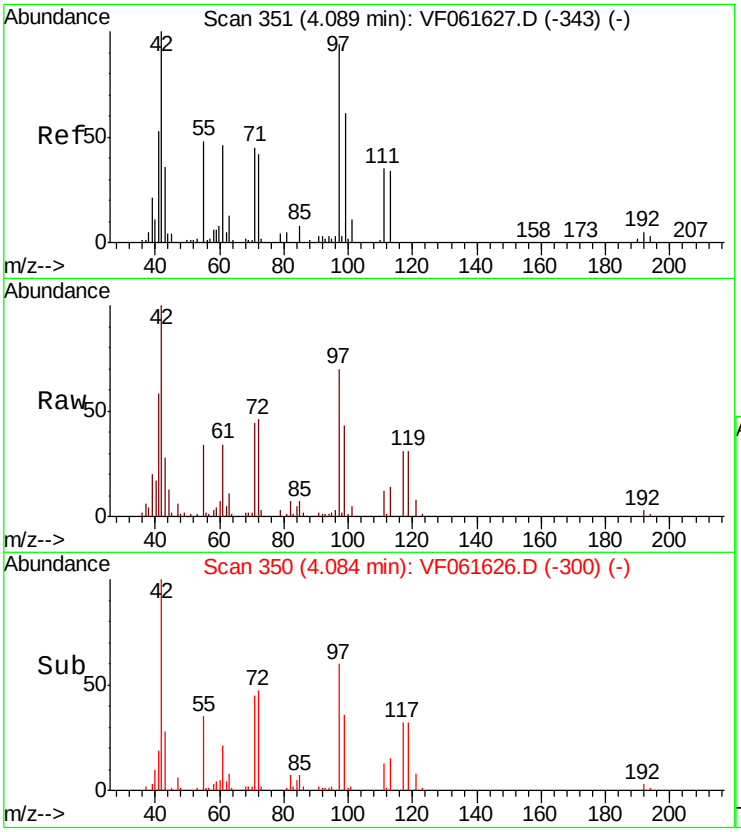


#28
Bromochloromethane
Concen: 15.399 ug/l
RT: 3.73 min Scan# 314
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 49 Resp: 42158

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	94.9	77.7	116.5

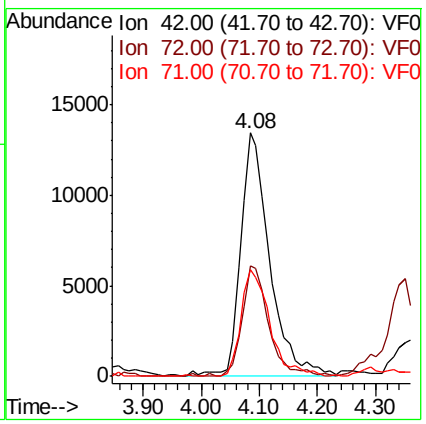




#29
Tetrahydrofuran
Concen: 88.804 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 42 Resp: 46934

Ion	Ratio	Lower	Upper
42	100		
72	41.4	35.2	52.8
71	43.4	32.9	49.3



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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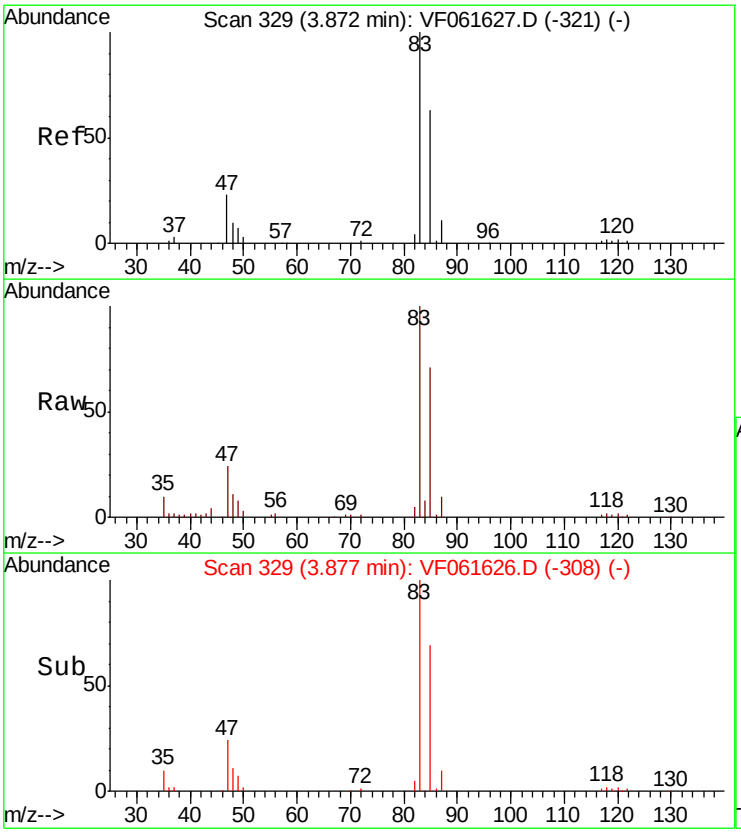
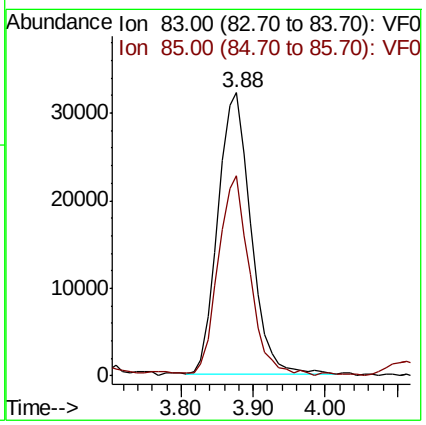
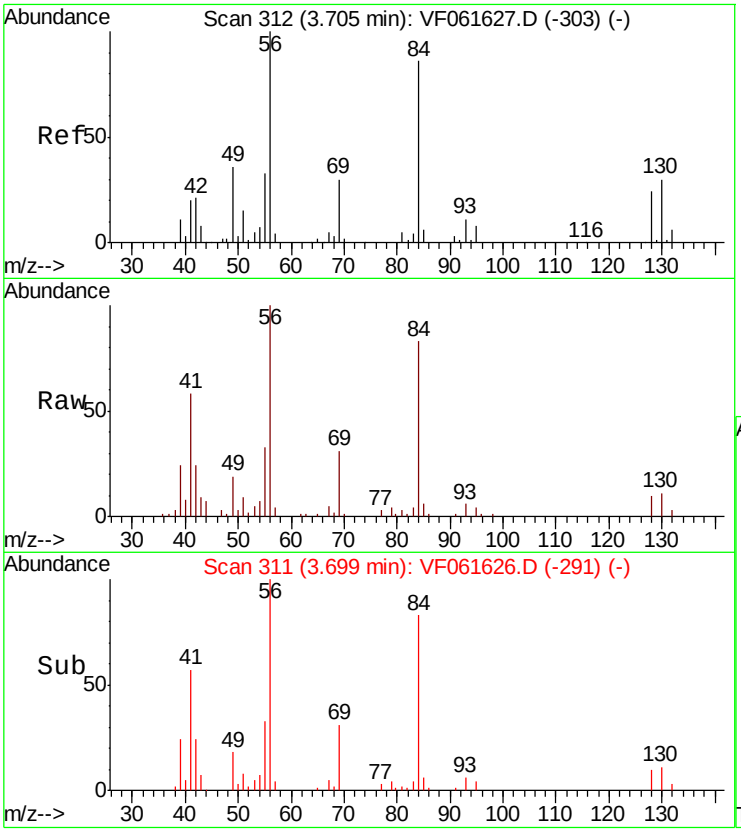


#30
Chloroform
Concen: 13.704 ug/l
RT: 3.88 min Scan# 329
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 83 Resp: 102205

Ion	Ratio	Lower	Upper
83	100		
85	70.8	51.1	76.7

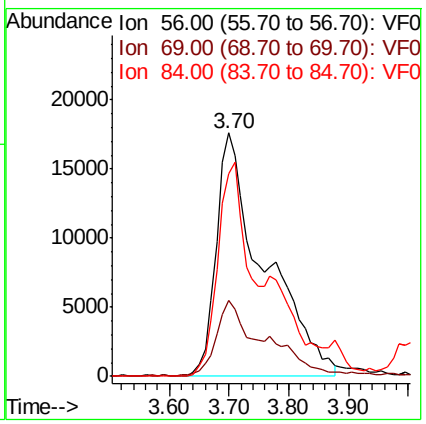




#31
Cyclohexane
Concen: 17.869 ug/l m
RT: 3.70 min Scan# 311
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 56 Resp: 97696

Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.8	35.8
84	83.4	68.6	103.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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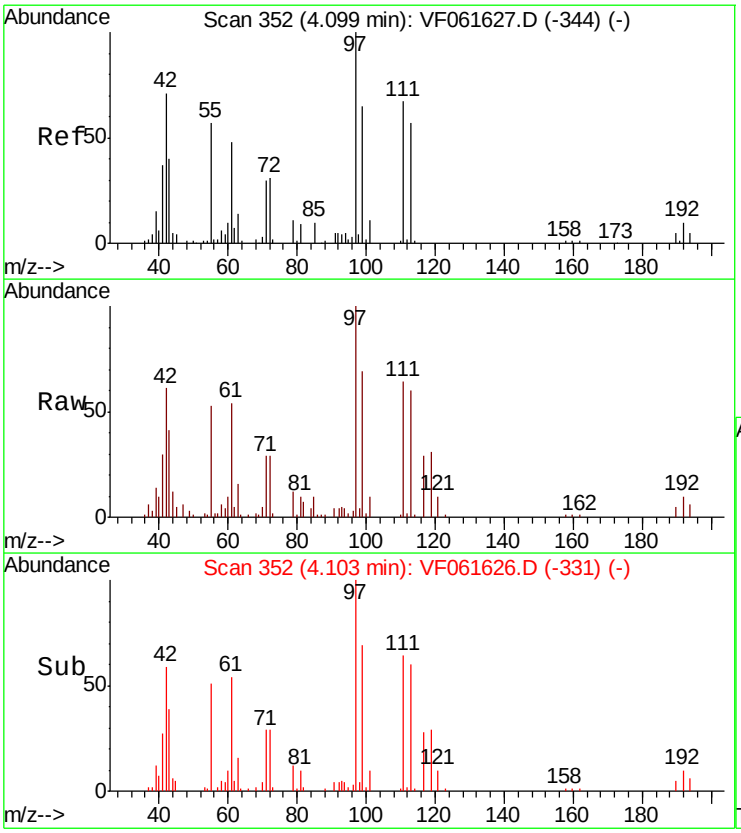
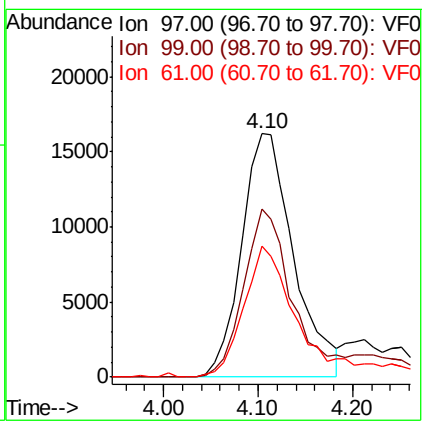
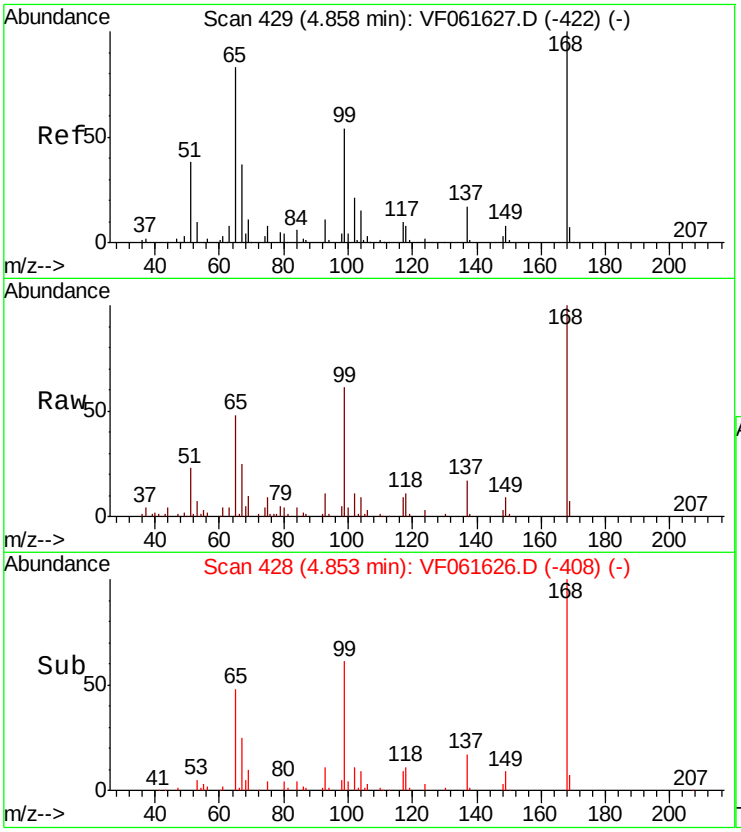


#32
1,1,1-Trichloroethane
Concen: 12.281 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 97 Resp: 61801

Ion	Ratio	Lower	Upper
97	100		
99	69.1	52.2	78.2
61	53.8	39.2	58.8

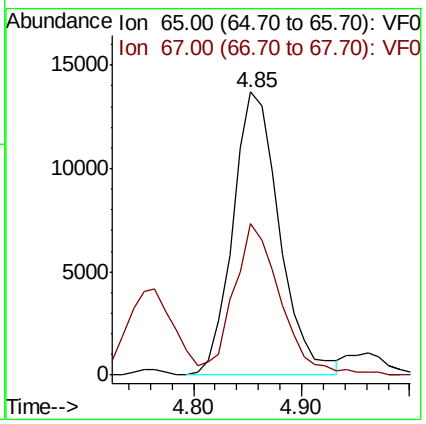




#33
1,2-Dichloroethane-d4
Concen: 11.189 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 65 Resp: 41228

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.0



Instrument :
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ClientSampleId :
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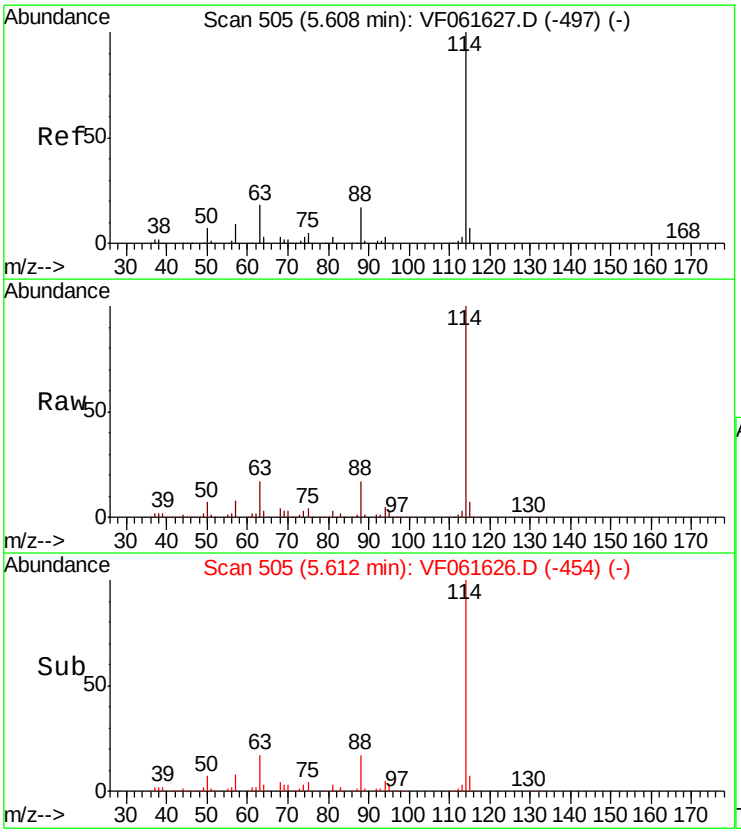
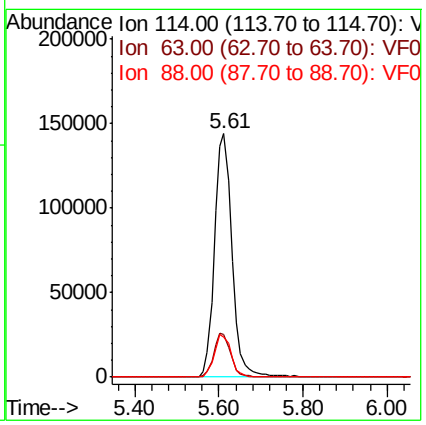
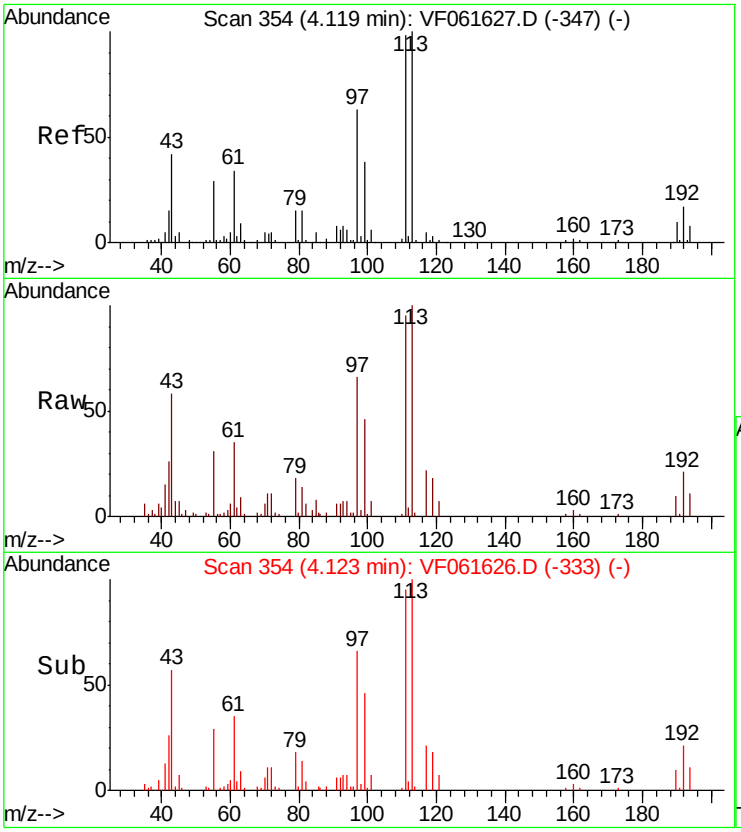


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:114 Resp: 415670

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.6
88	16.7	0.0	34.4

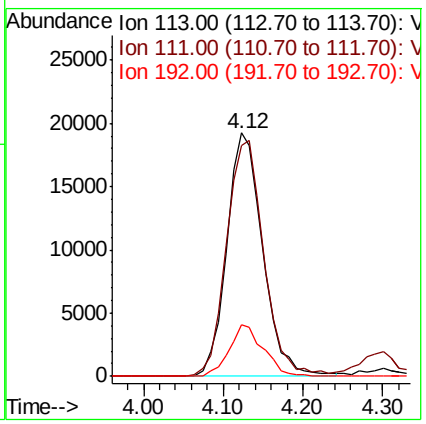




#35
Dibromofluoromethane
Concen: 18.439 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:113 Resp: 60301

Ion	Ratio	Lower	Upper
113	100		
111	94.9	78.8	118.2
192	21.0	13.4	20.0#



Instrument :
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ClientSampleId :
VSTDICC020

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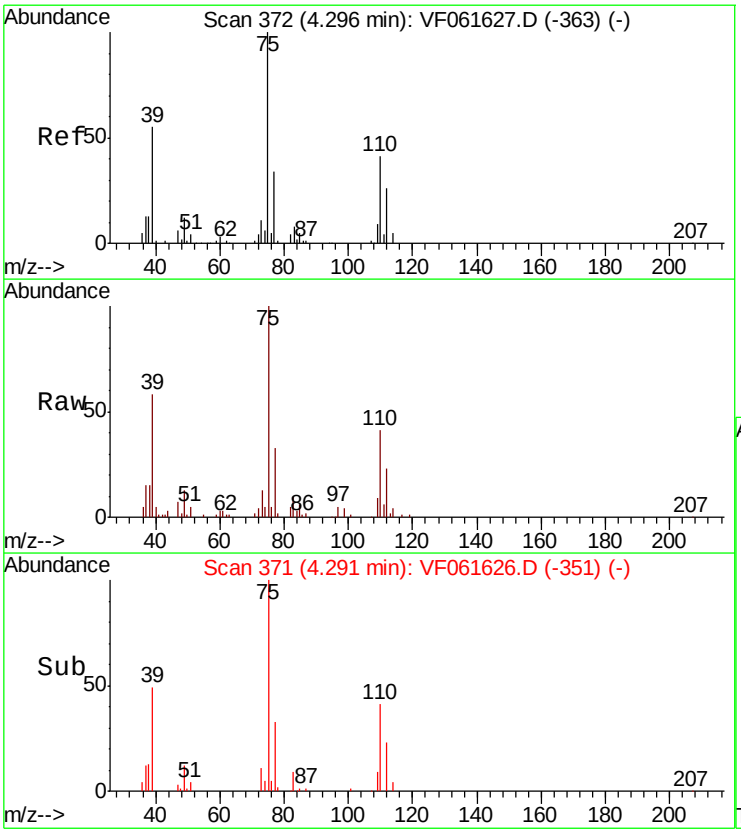
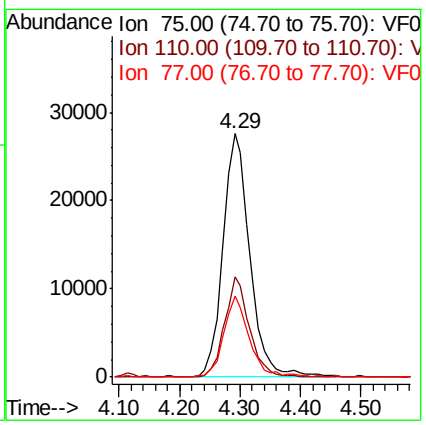
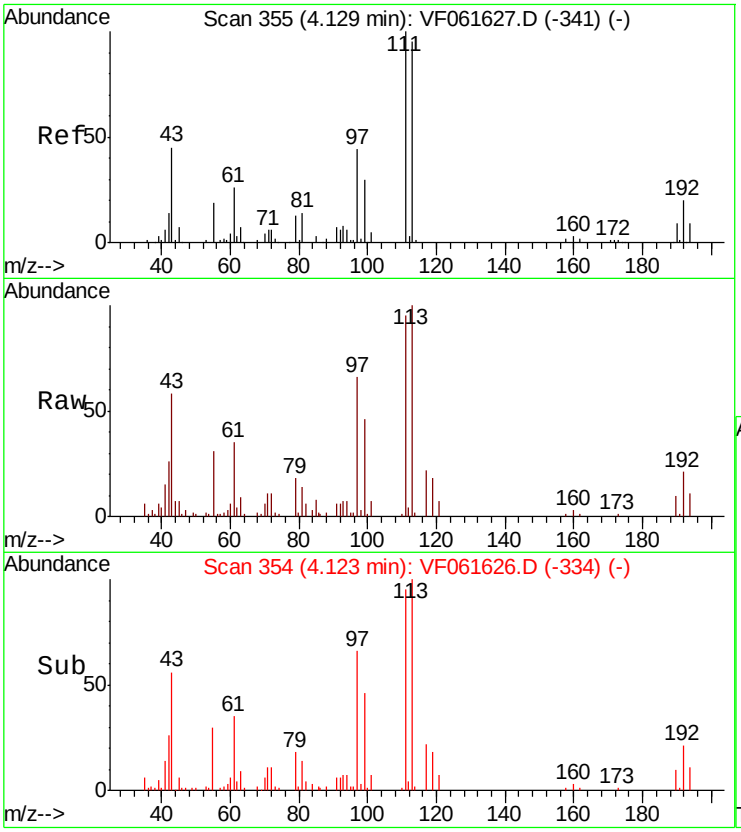


#36
1,1-Dichloropropene
Concen: 18.344 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 75 Resp: 85155

Ion	Ratio	Lower	Upper
75	100		
110	41.3	20.5	61.6
77	33.2	27.0	40.4

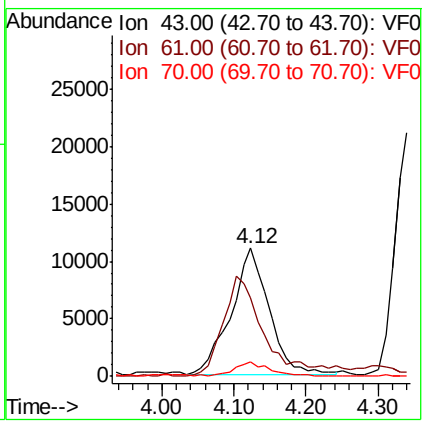




#37
Ethyl Acetate
Concen: 20.068 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 43 Resp: 40957

Ion	Ratio	Lower	Upper
43	100		
61	61.1	45.7	68.5
70	11.1	8.5	12.7



Instrument :
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ClientSampleId :
VSTDICC020

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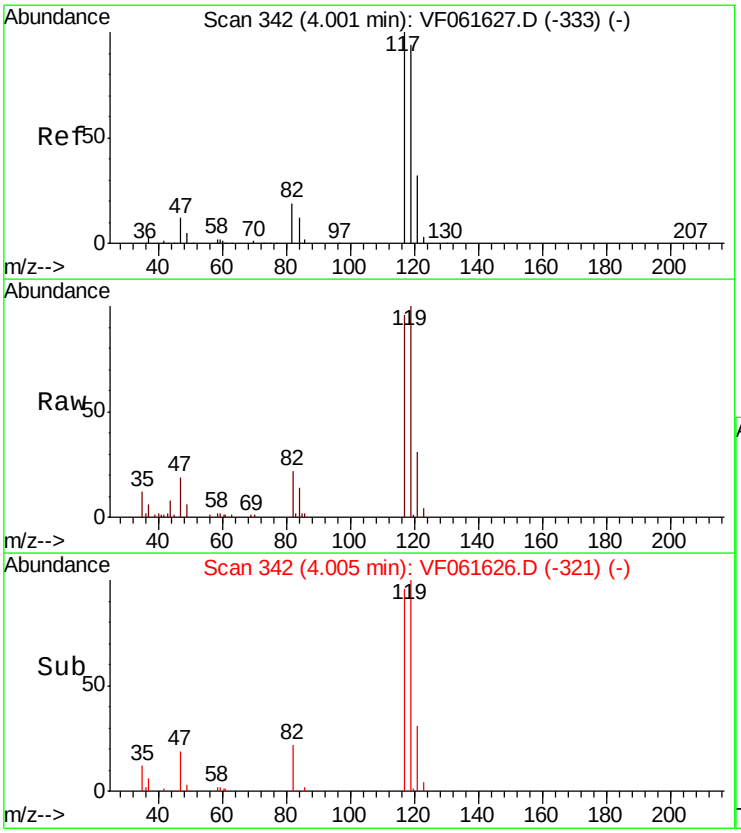
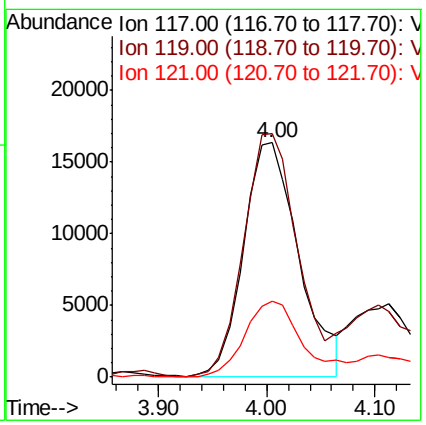
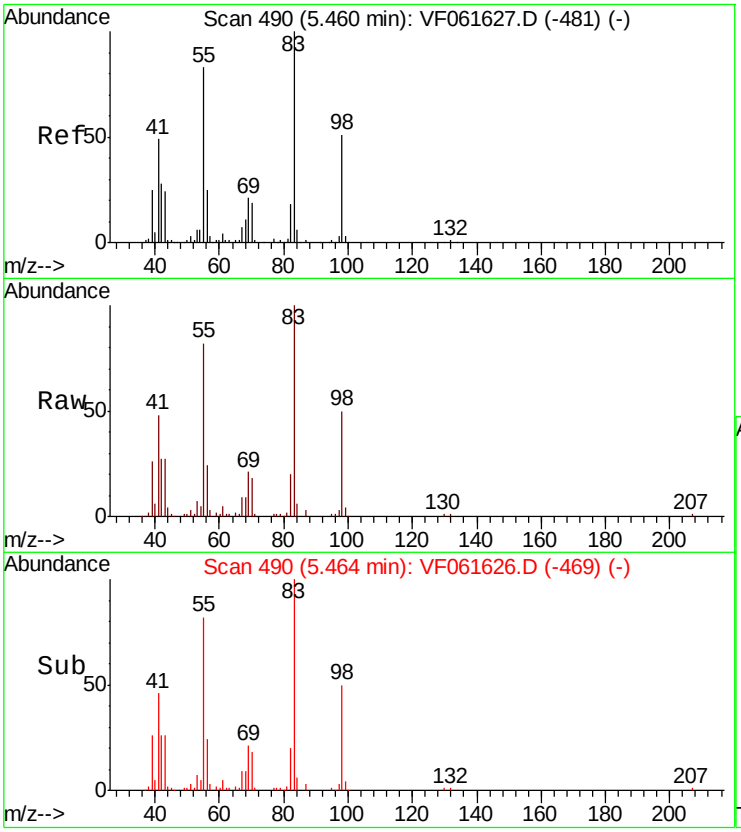


#38
Carbon Tetrachloride
Concen: 15.447 ug/l
RT: 4.00 min Scan# 342
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:117 Resp: 58645

Ion	Ratio	Lower	Upper
117	100		
119	103.9	75.6	113.4
121	32.5	25.2	37.8

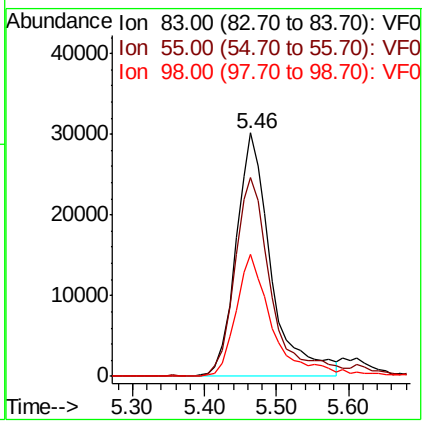




#39
Methylcyclohexane
Concen: 21.690 ug/l
RT: 5.46 min Scan# 490
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 83 Resp: 102255

Ion	Ratio	Lower	Upper
83	100		
55	81.6	66.6	99.8
98	50.1	40.4	60.6



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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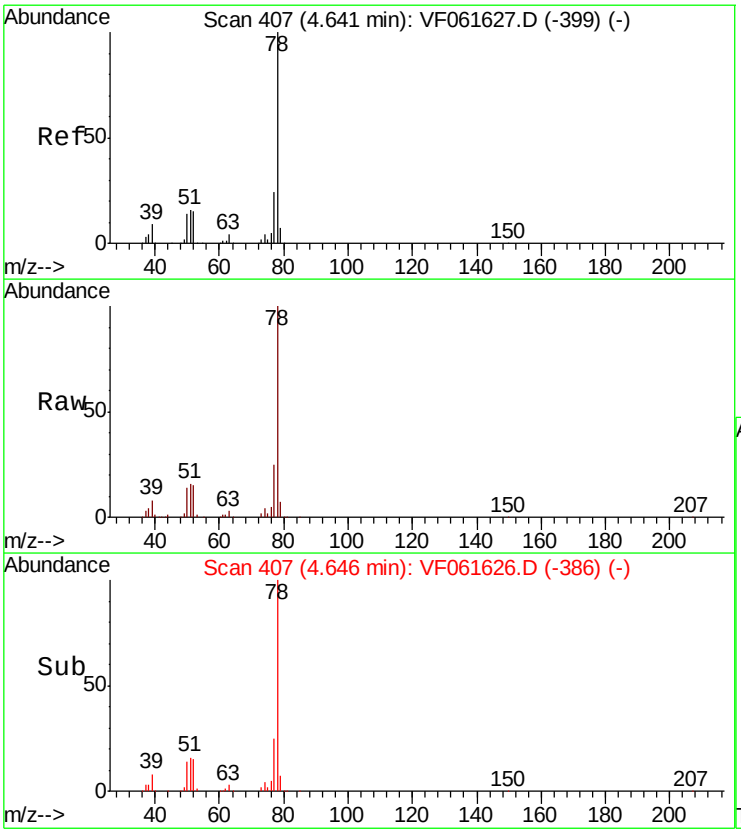
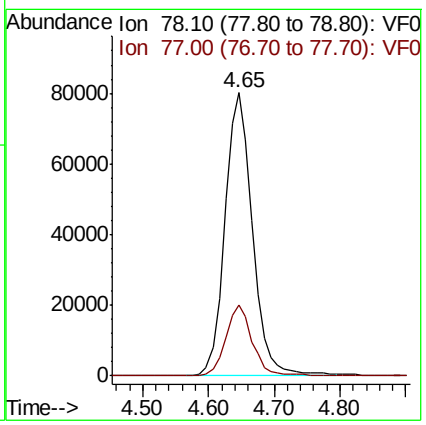
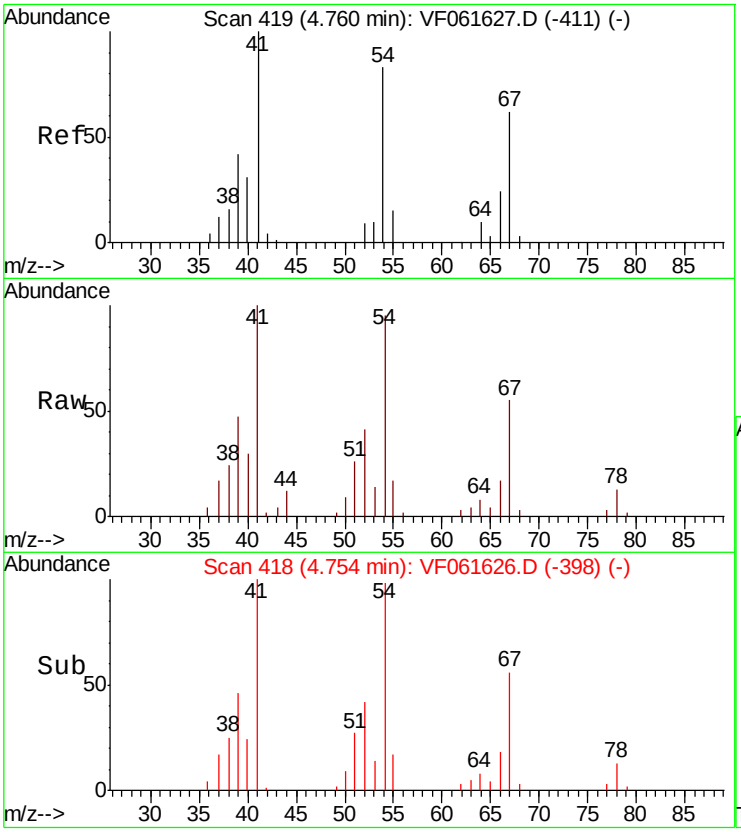


#40
Benzene
Concen: 22.514 ug/l
RT: 4.65 min Scan# 407
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 78 Resp: 234211

Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.0	28.6

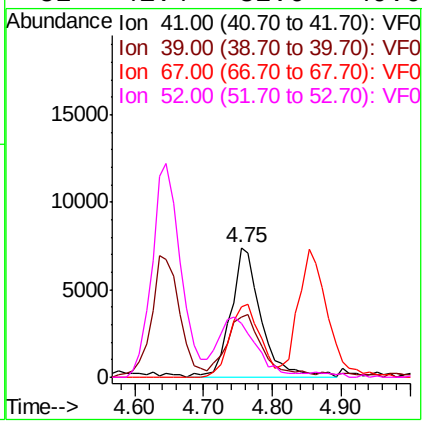




#41
Methacrylonitrile
Concen: 22.000 ug/l
RT: 4.75 min Scan# 418
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 41 Resp: 22502

Ion	Ratio	Lower	Upper
41	100		
39	46.7	45.3	67.9
67	54.6	49.3	73.9
52	41.4	32.6	49.0



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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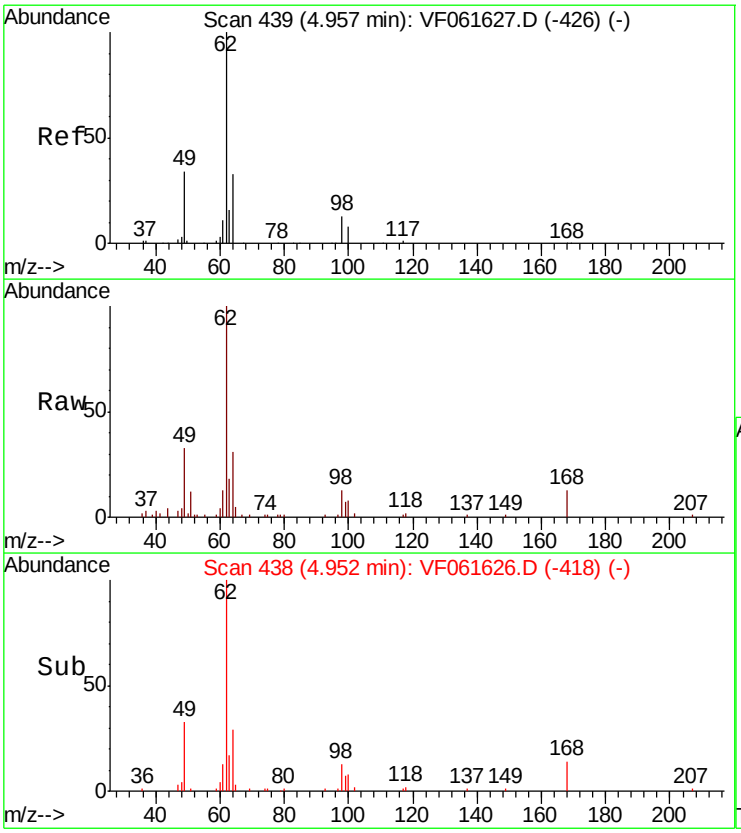
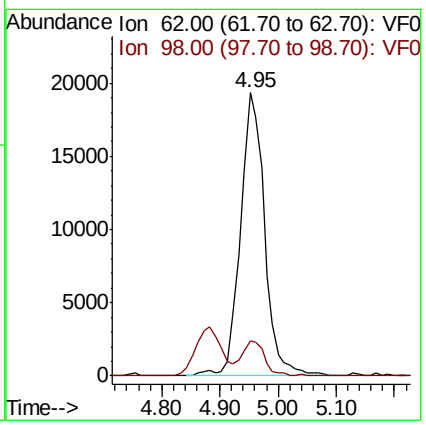
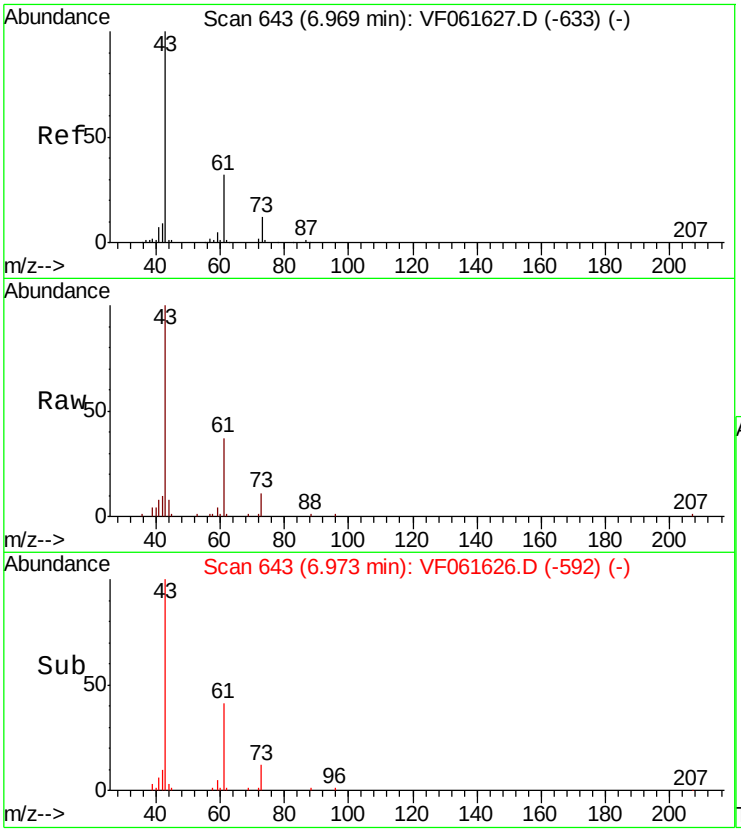


#42
1,2-Dichloroethane
Concen: 15.614 ug/l
RT: 4.95 min Scan# 438
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 62 Resp: 56199

Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	26.0

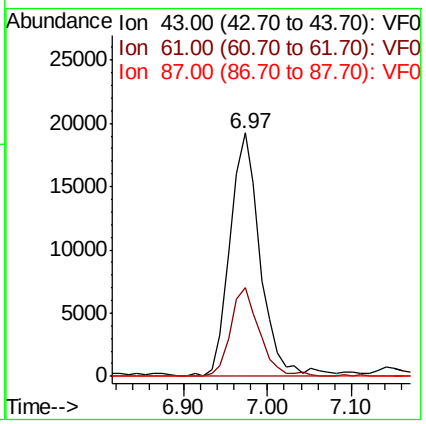




#43
Isopropyl Acetate
Concen: 20.862 ug/l
RT: 6.97 min Scan# 643
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 43 Resp: 48335

Ion	Ratio	Lower	Upper
43	100		
61	36.6	25.8	38.6
87	0.0	0.4	0.6#



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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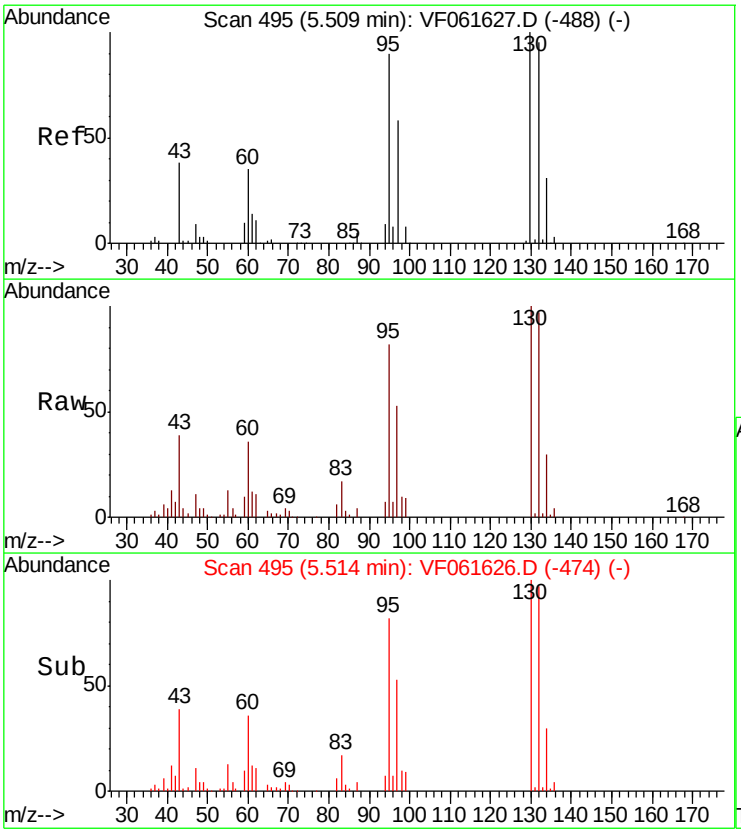
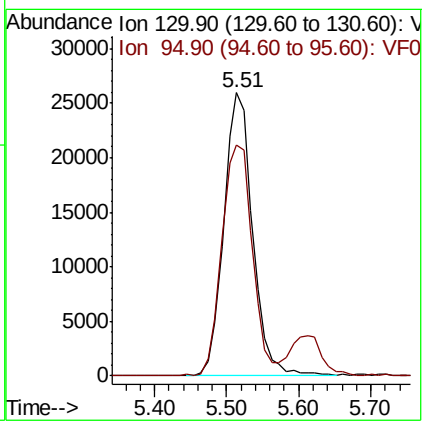
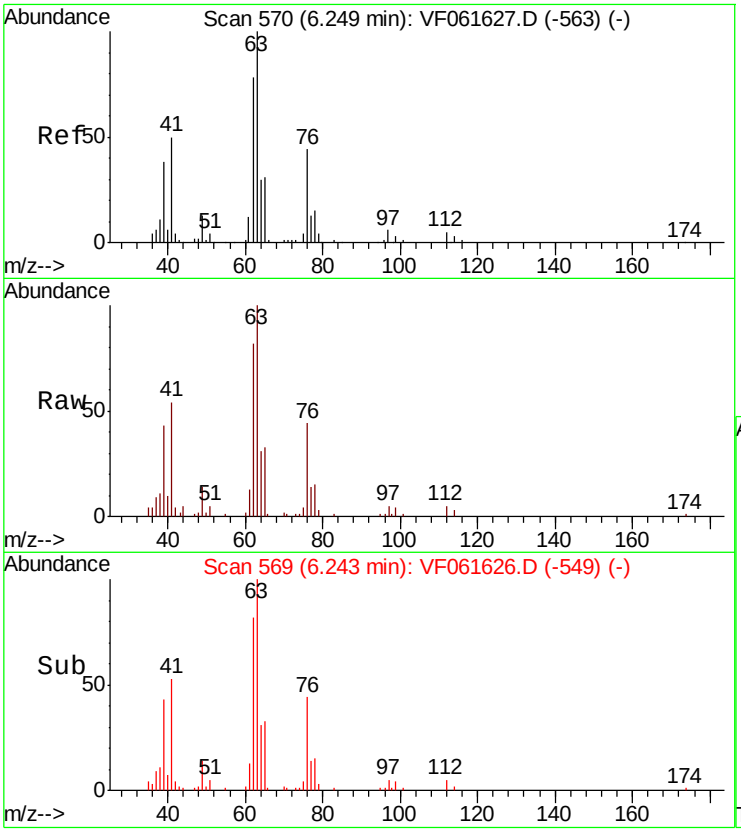


#44
Trichloroethene
Concen: 22.686 ug/l
RT: 5.51 min Scan# 495
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:130 Resp: 72082

Ion	Ratio	Lower	Upper
130	100		
95	81.6	0.0	179.4

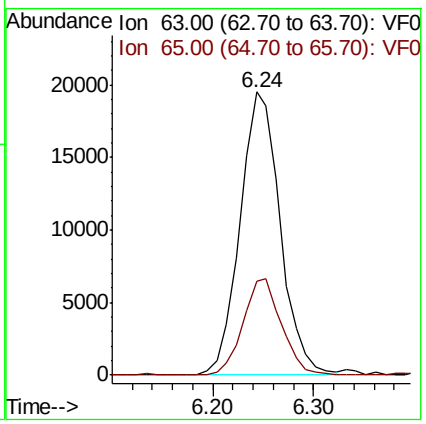




#45
1,2-Dichloropropane
Concen: 20.133 ug/l
RT: 6.24 min Scan# 569
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 63 Resp: 54028

Ion	Ratio	Lower	Upper
63	100		
65	33.0	24.9	37.3



Instrument :
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ClientSampleId :
VSTDICC020

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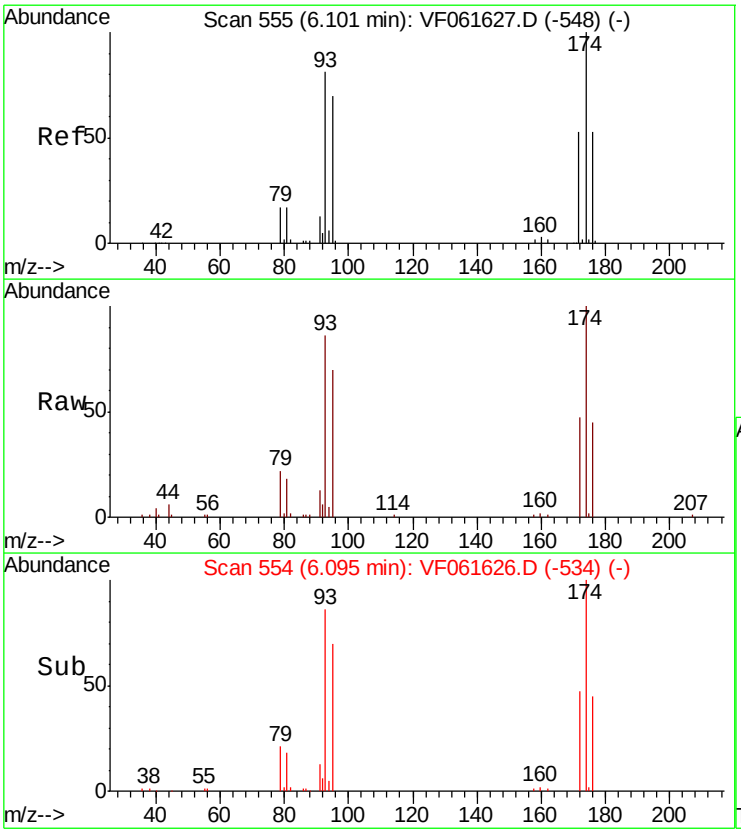
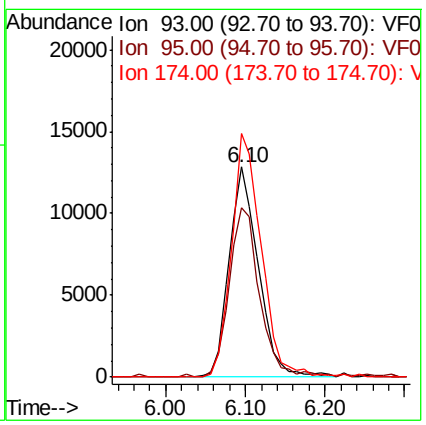
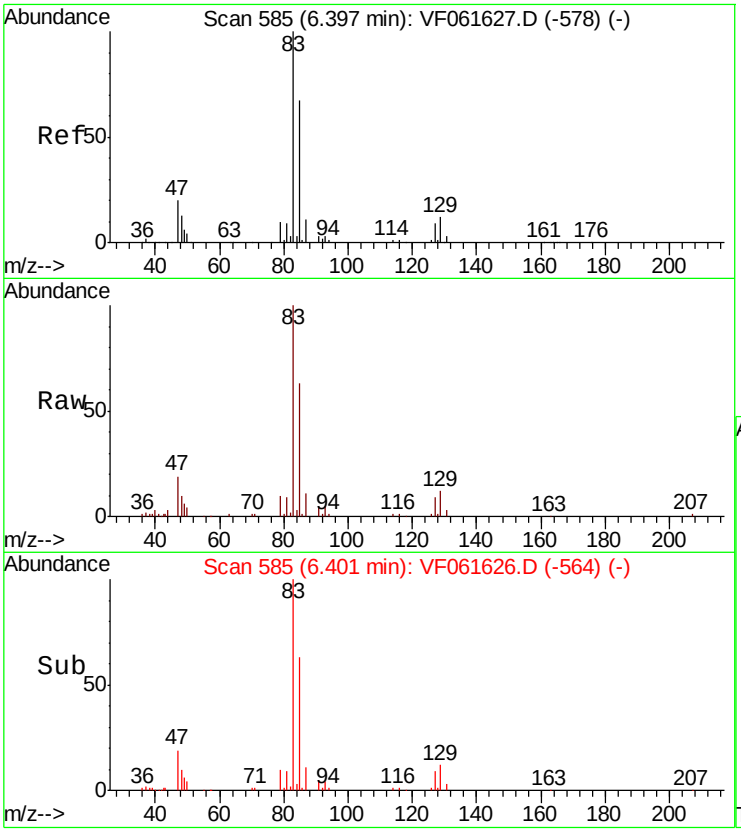


#46
Dibromomethane
Concen: 18.849 ug/l
RT: 6.10 min Scan# 554
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 93 Resp: 33041

Ion	Ratio	Lower	Upper
93	100		
95	80.8	69.0	103.6
174	115.9	99.3	148.9

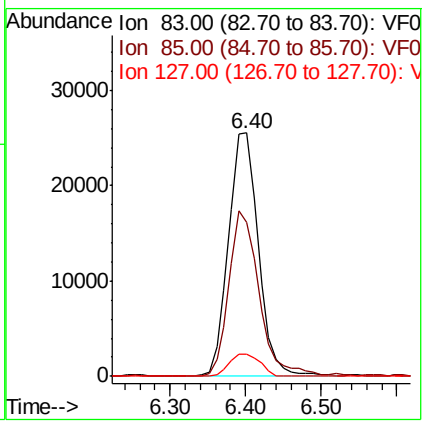




#47
Bromodichloromethane
Concen: 15.836 ug/l
RT: 6.40 min Scan# 585
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 83 Resp: 70038

Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.4	80.2
127	9.3	7.5	11.3



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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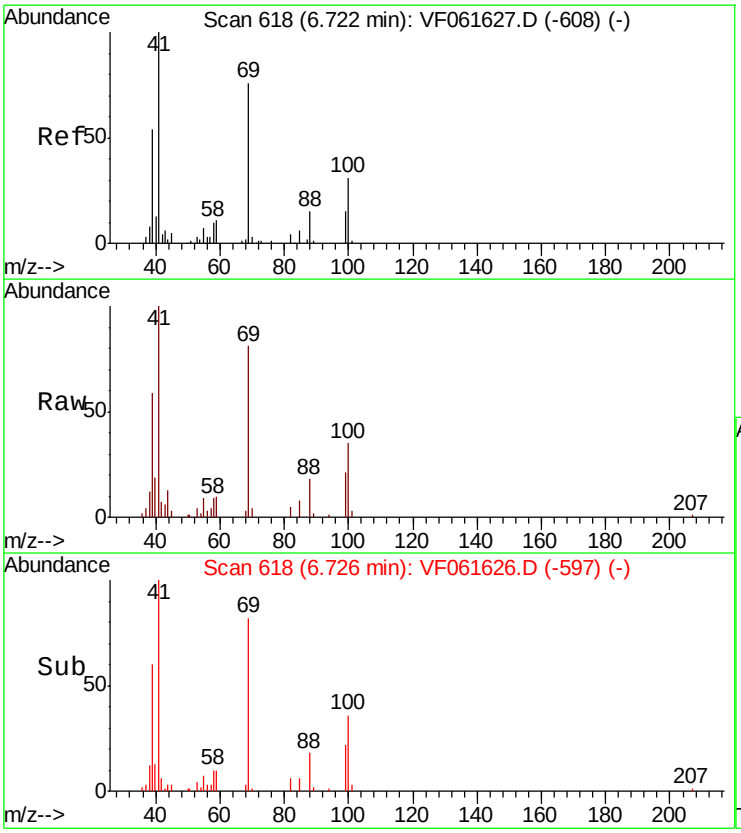
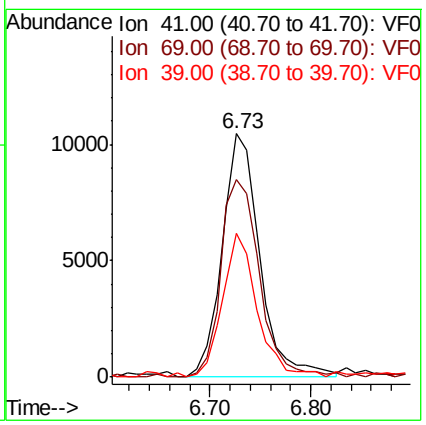
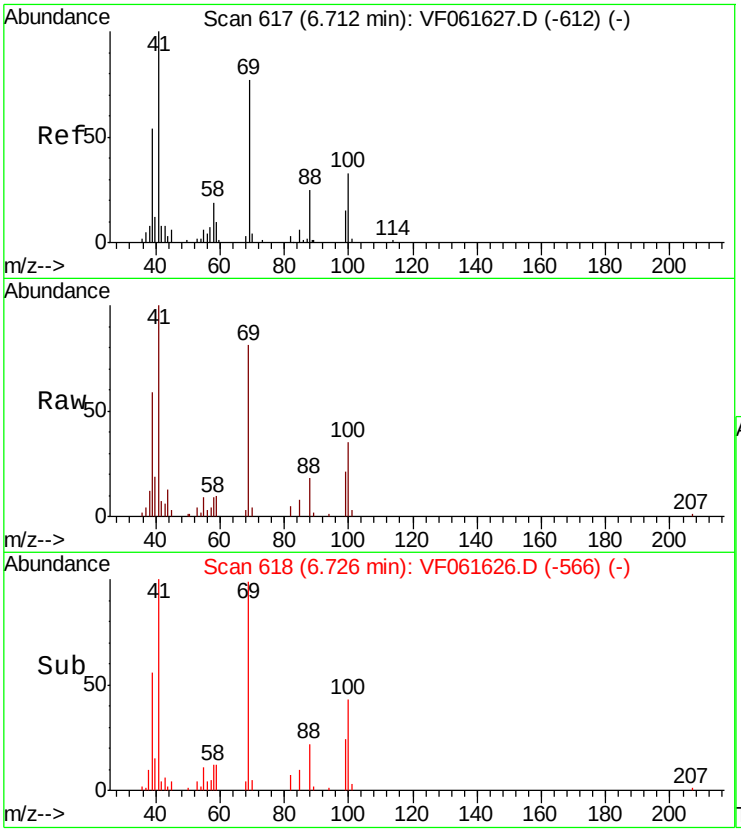


#48
Methyl methacrylate
Concen: 17.601 ug/l
RT: 6.73 min Scan# 618
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 41 Resp: 27244

Ion	Ratio	Lower	Upper
41	100		
69	81.0	60.4	90.6
39	59.0	43.7	65.5

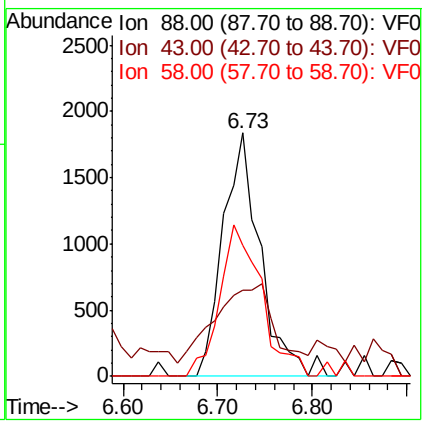




#49
1,4-Dioxane
Concen: 463.116 ug/l
RT: 6.73 min Scan# 618
Delta R.T. 0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 88 Resp: 5032

Ion	Ratio	Lower	Upper
88	100		
43	35.2	32.3	48.5
58	53.5	59.4	89.2#



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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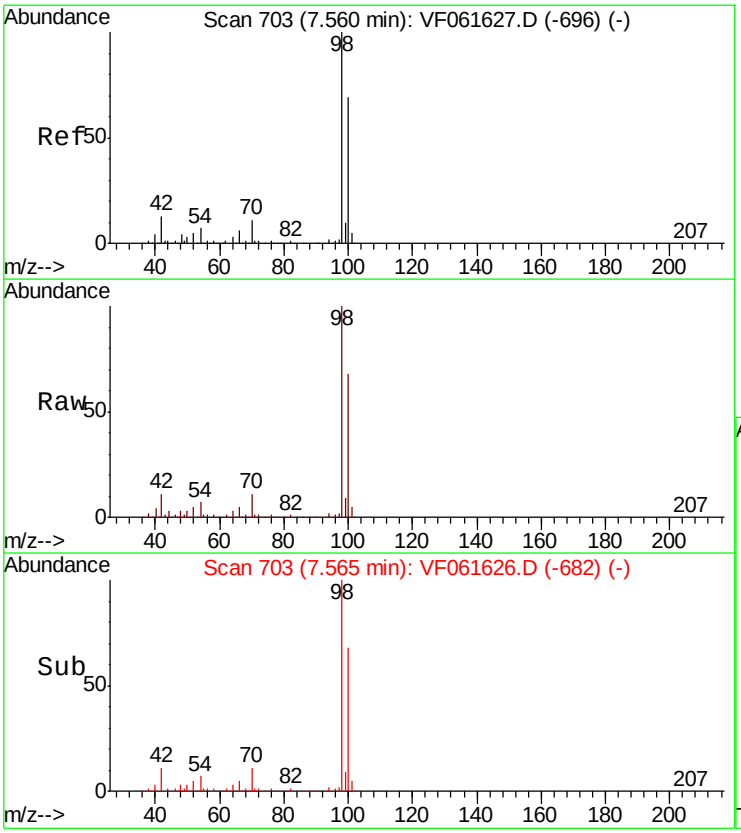
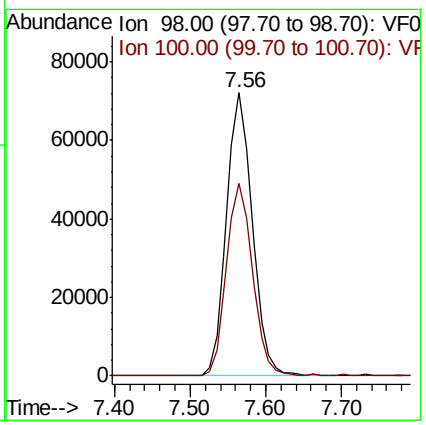
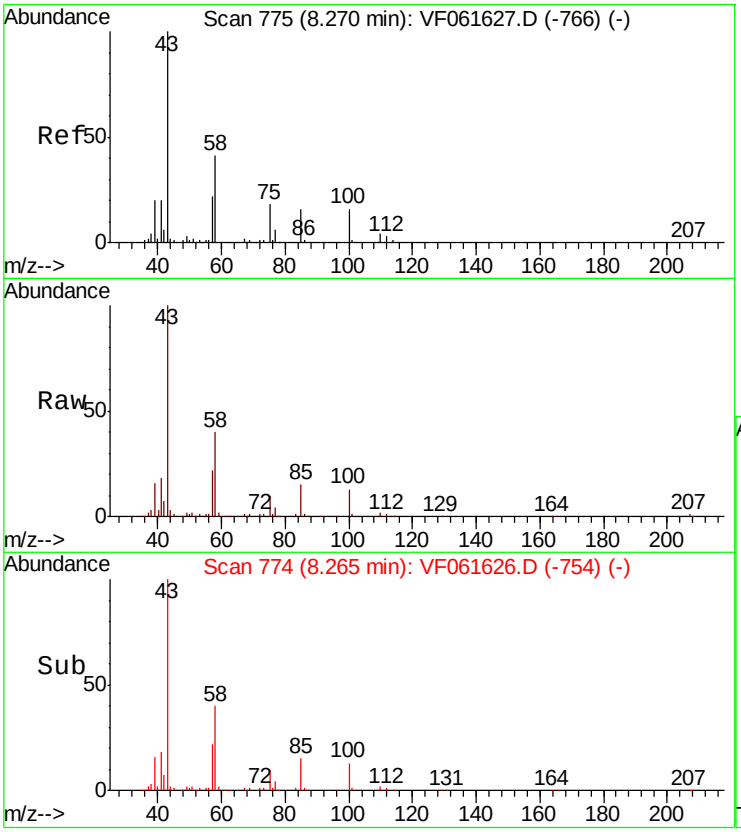


#50
Toluene-d8
Concen: 19.163 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 98 Resp: 171286

Ion	Ratio	Lower	Upper
98	100		
100	68.0	55.4	83.2

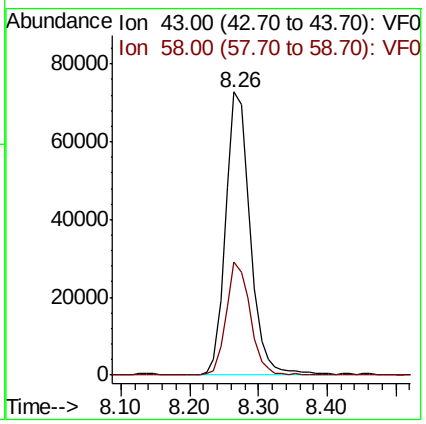




#51
4-Methyl-2-Pentanone
Concen: 103.155 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 43 Resp: 179765

Ion	Ratio	Lower	Upper
43	100		
58	40.1	33.1	49.7



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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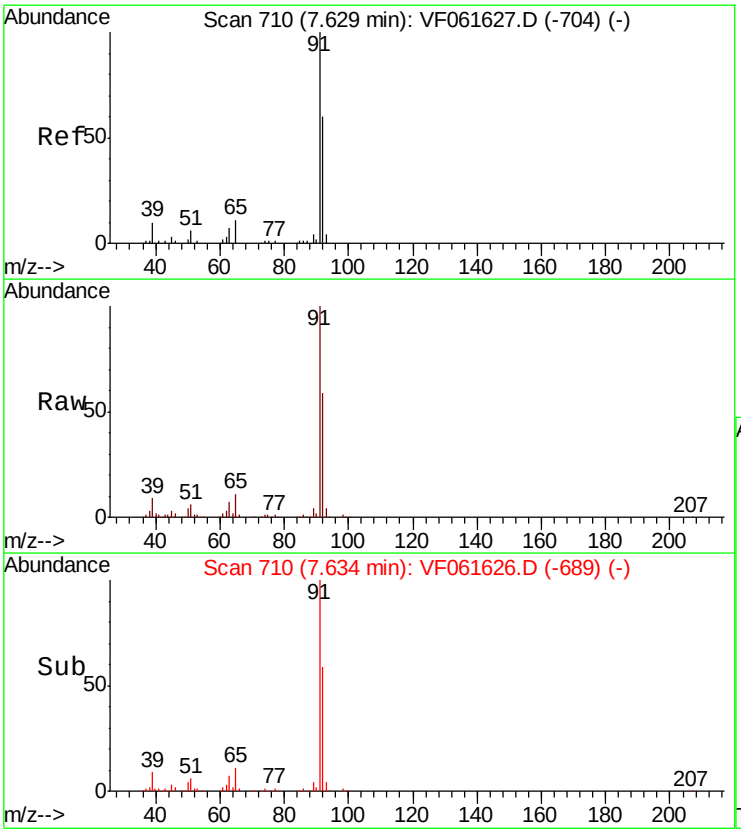
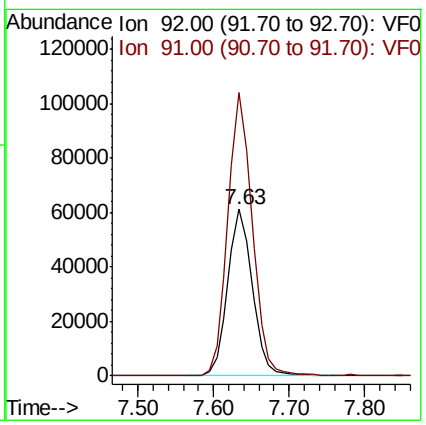
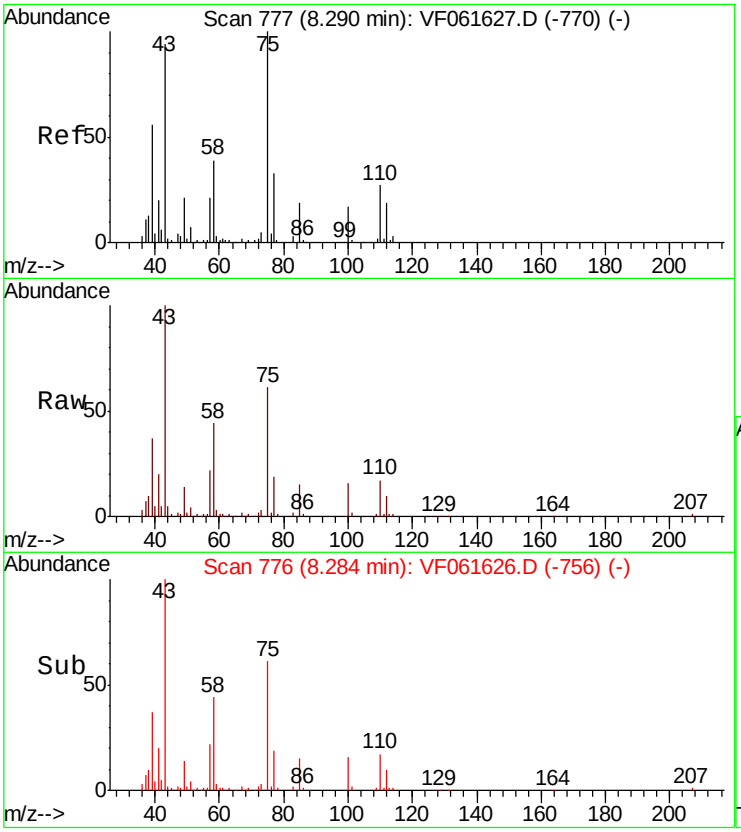


#52
Toluene
Concen: 21.301 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 92 Resp: 138360

Ion	Ratio	Lower	Upper
92	100		
91	170.1	133.9	200.9

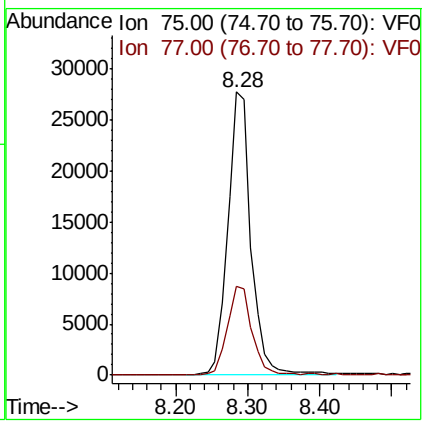




#53
t-1,3-Dichloropropene
Concen: 18.169 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 75 Resp: 62185

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.2



Instrument :
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ClientSampleId :
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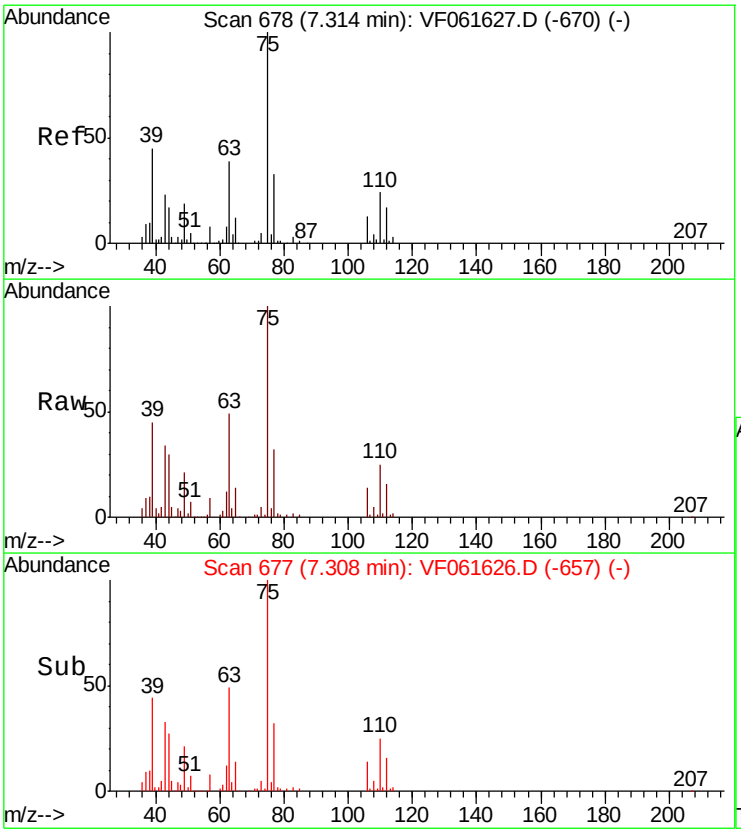
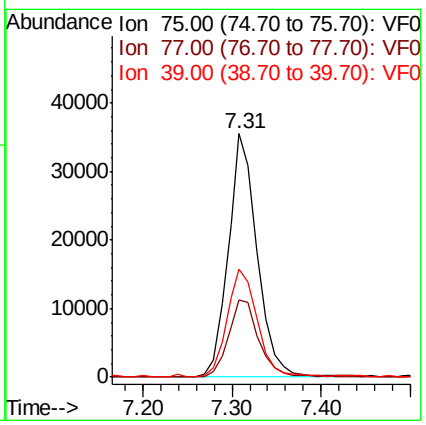
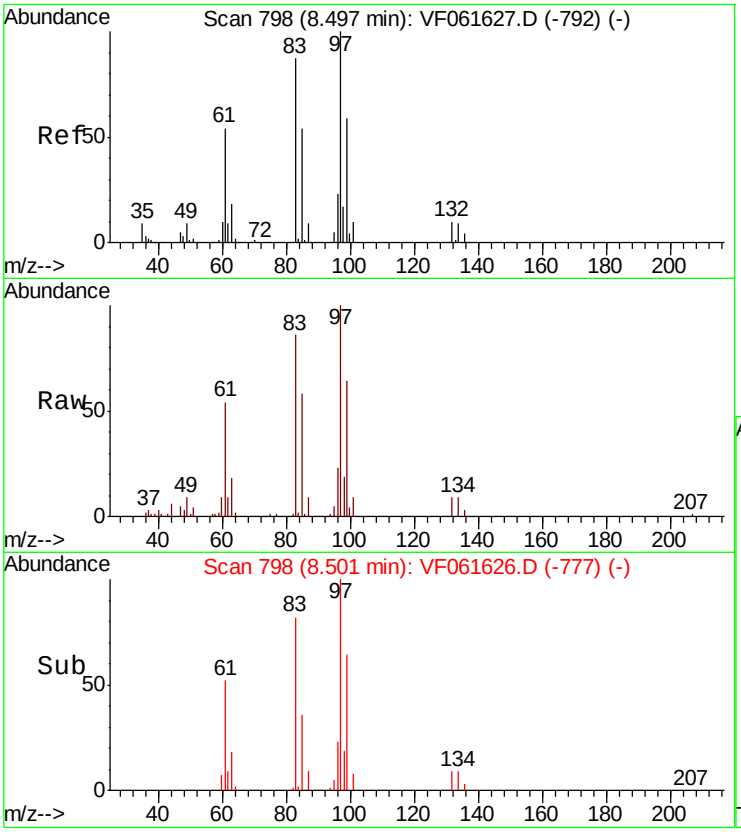


#54
cis-1,3-Dichloropropene
Concen: 18.568 ug/l
RT: 7.31 min Scan# 677
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 75 Resp: 80543

Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.4	39.6
39	44.6	36.0	54.0

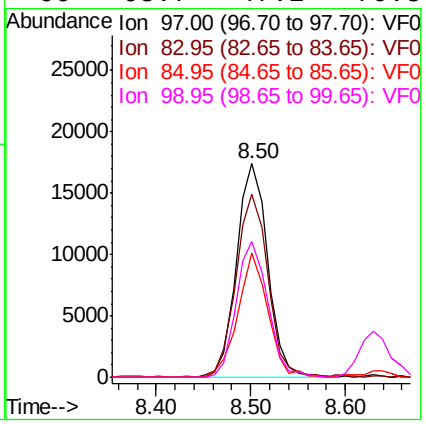




#55
1,1,2-Trichloroethane
Concen: 19.841 ug/l
RT: 8.50 min Scan# 798
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 97 Resp: 39869

Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.2	103.8
85	58.0	43.0	64.4
99	63.7	47.2	70.8



Instrument :
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ClientSampleId :
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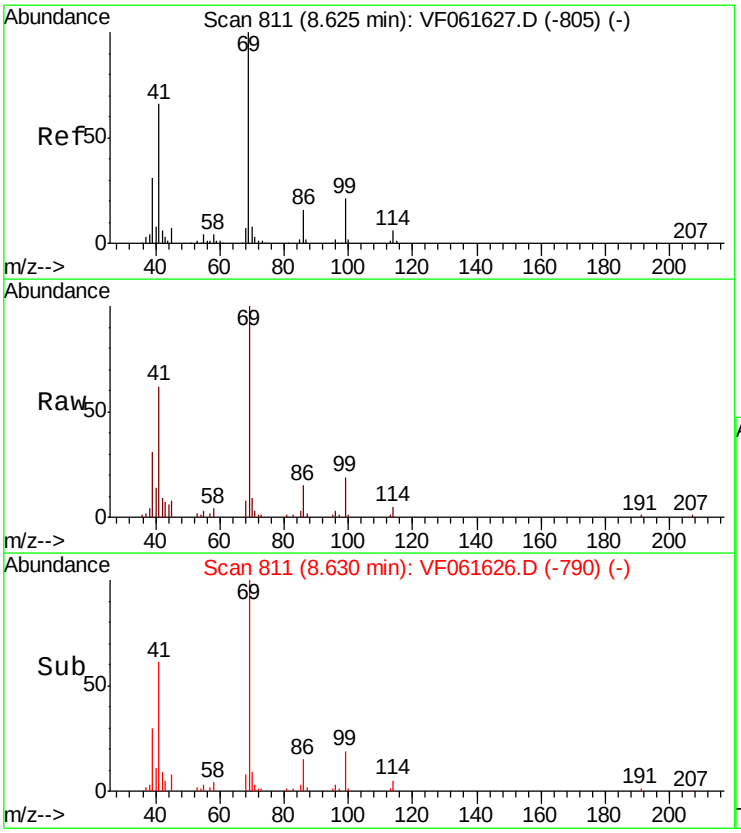
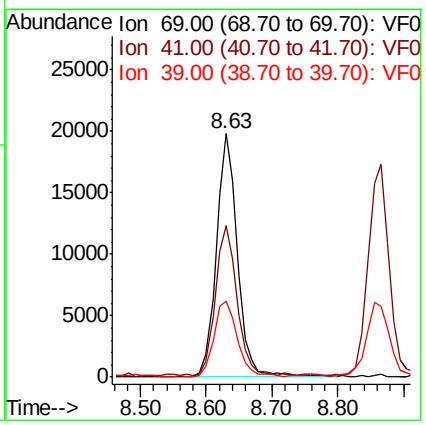
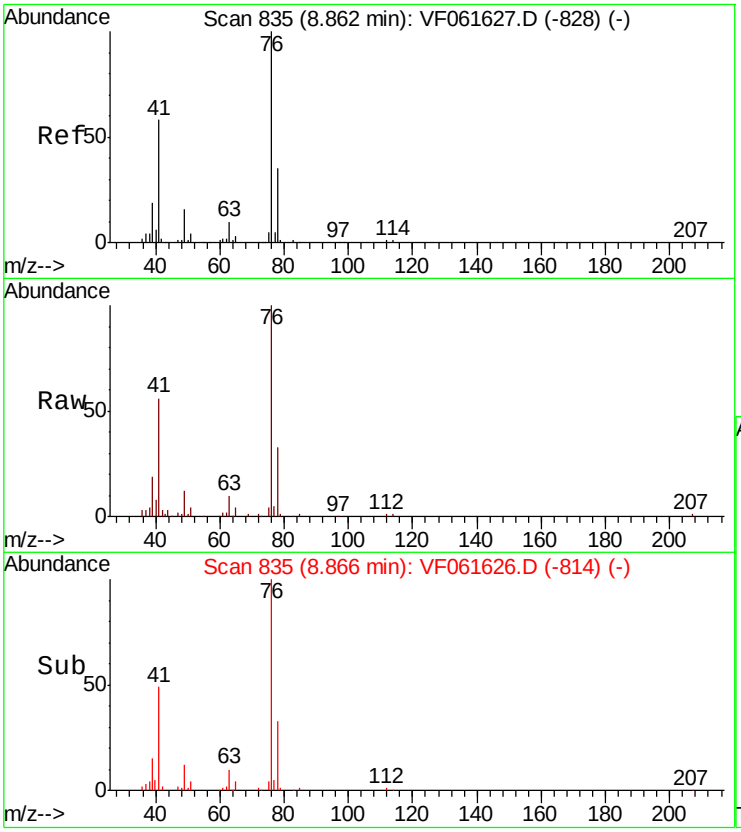


#56
Ethyl methacrylate
Concen: 19.843 ug/l
RT: 8.63 min Scan# 811
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 69 Resp: 44205

Ion	Ratio	Lower	Upper
69	100		
41	62.1	52.9	79.3
39	31.2	24.5	36.7





#57
1,3-Dichloropropane
Concen: 19.474 ug/l
RT: 8.87 min Scan# 835
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 76 Resp: 68121

Ion	Ratio	Lower	Upper
76	100		
78	33.1	27.8	41.6

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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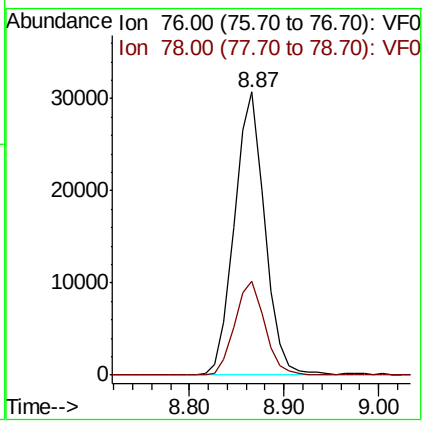
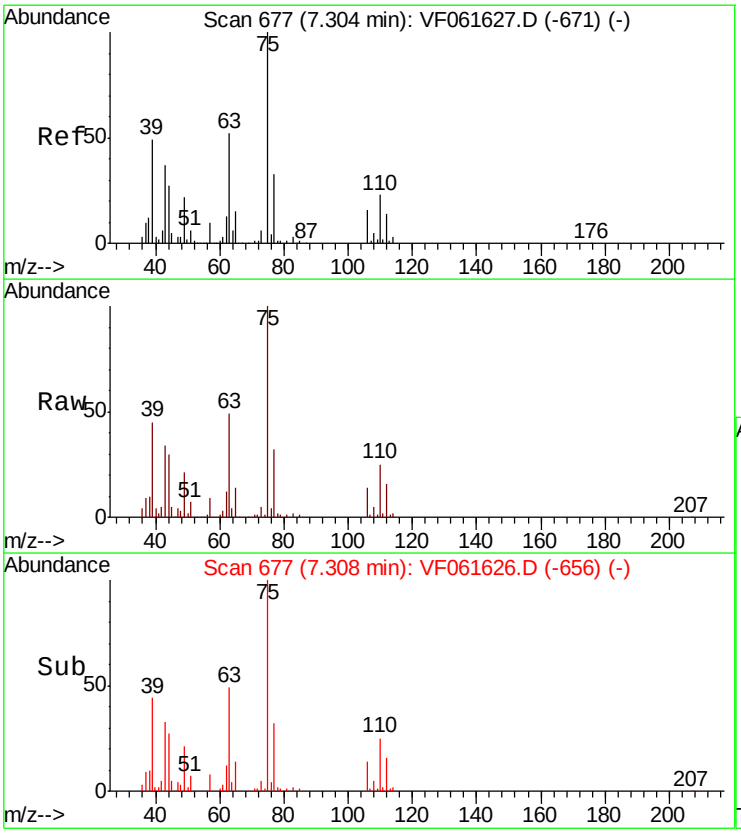
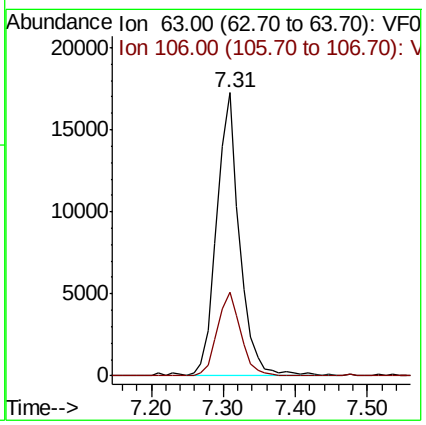


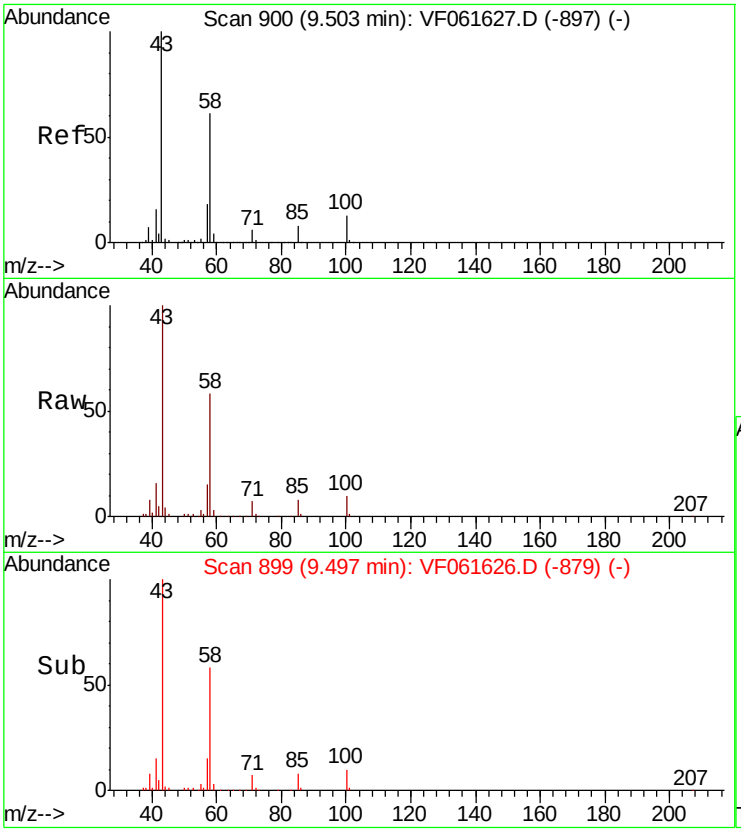


#58
2-Chloroethyl Vinyl ether
Concen: 100.886 ug/l
RT: 7.31 min Scan# 677
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 63 Resp: 37912

Ion	Ratio	Lower	Upper
63	100		
106	29.4	24.6	36.8





#59
2-Hexanone
Concen: 107.924 ug/l
RT: 9.50 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 43 Resp: 127391

Ion	Ratio	Lower	Upper
43	100		
58	58.1	28.5	85.5

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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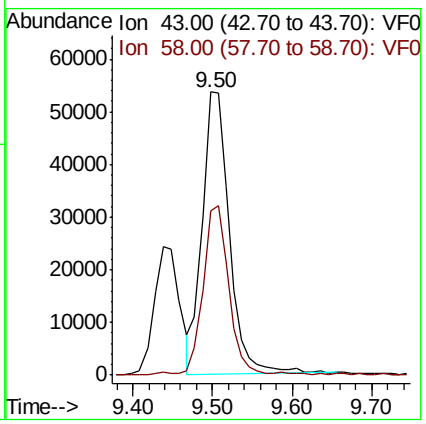
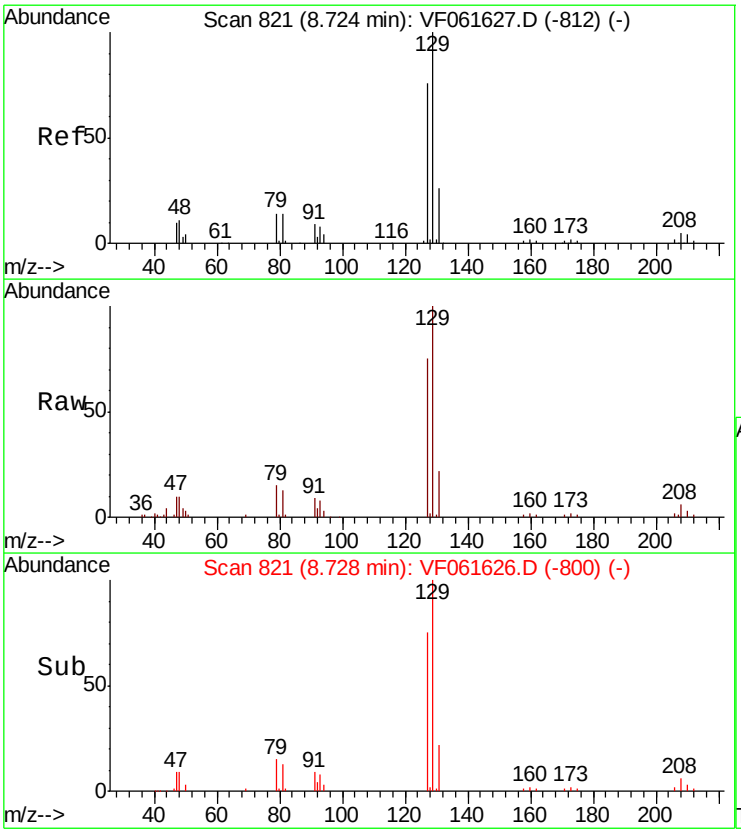
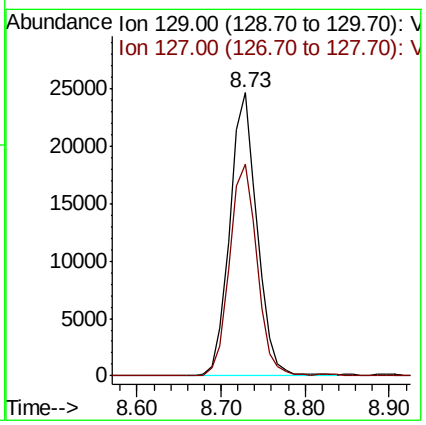


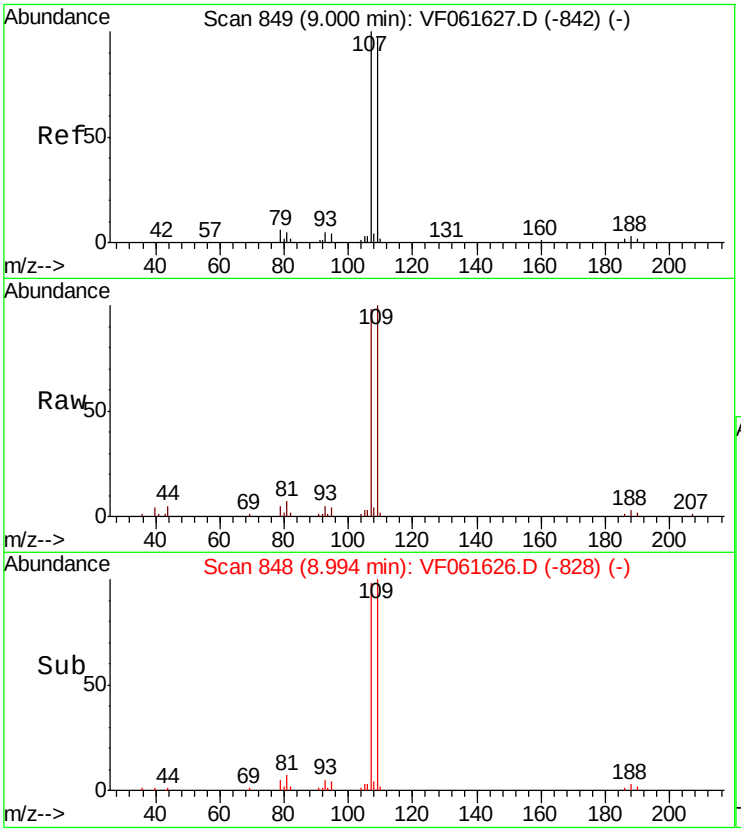


#60
Dibromochloromethane
Concen: 19.871 ug/l
RT: 8.73 min Scan# 821
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:129 Resp: 55476

Ion	Ratio	Lower	Upper
129	100		
127	74.6	37.8	113.4





#61
1,2-Dibromoethane
Concen: 20.683 ug/l
RT: 8.99 min Scan# 848
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:107 Resp: 43347

Ion	Ratio	Lower	Upper
107	100		
109	101.6	77.4	116.0

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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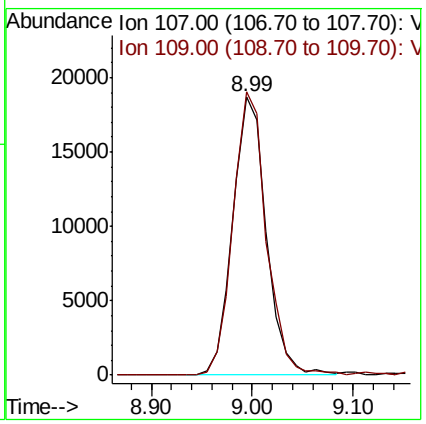
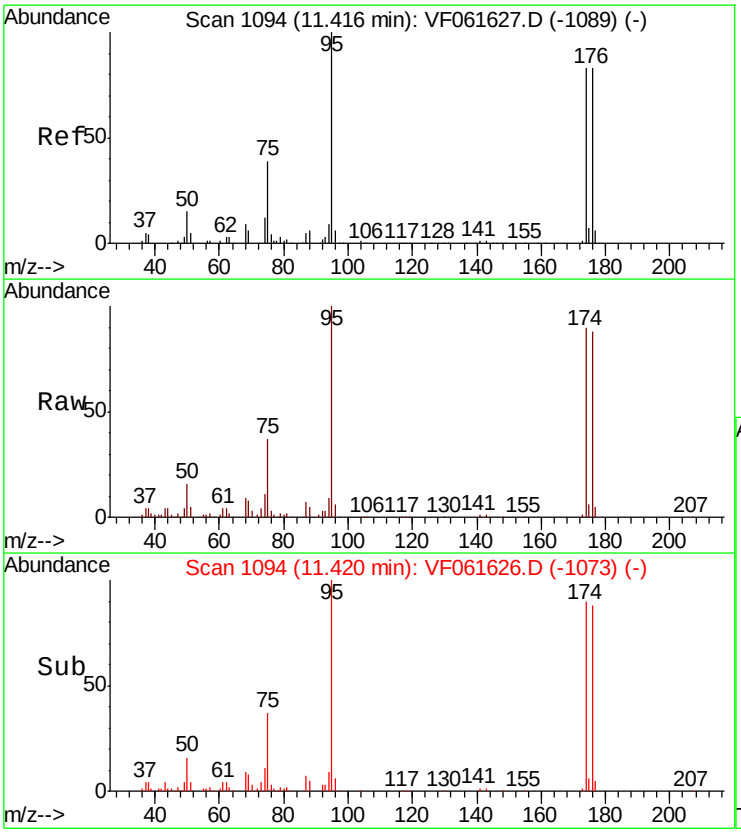
2/14/2019 12:41:55 PM

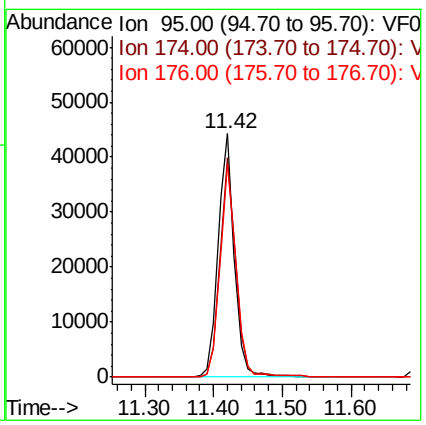


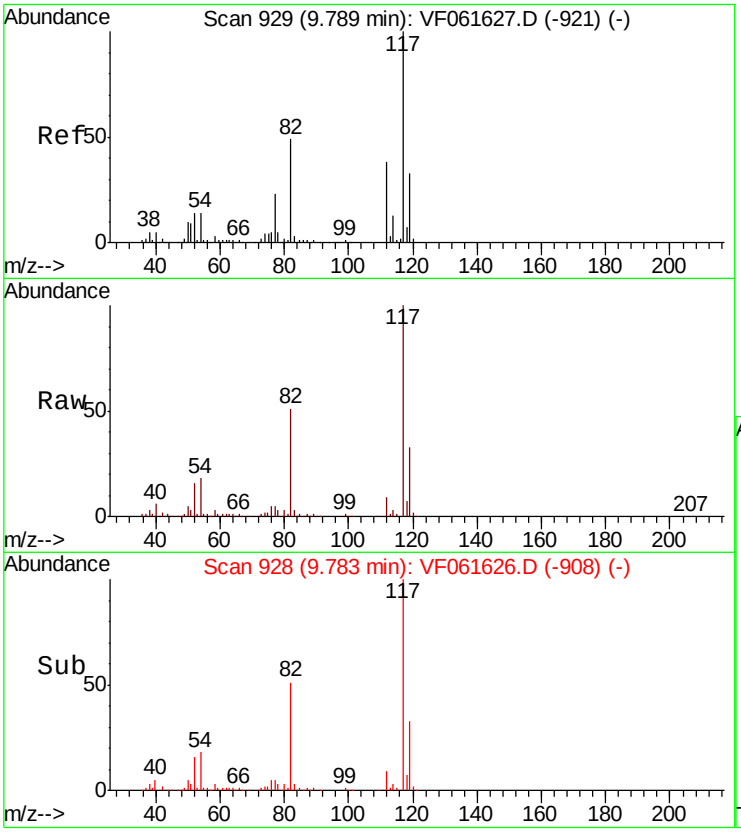


#62
4-Bromofluorobenzene
Concen: 18.170 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 95 Resp: 71810

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	165.8
176	87.5	0.0	167.0

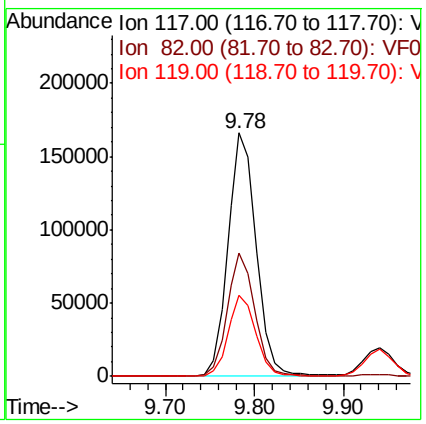




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:117 Resp: 370111

Ion	Ratio	Lower	Upper
117	100		
82	50.7	39.3	58.9
119	33.1	26.6	40.0



Instrument :
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ClientSampleId :
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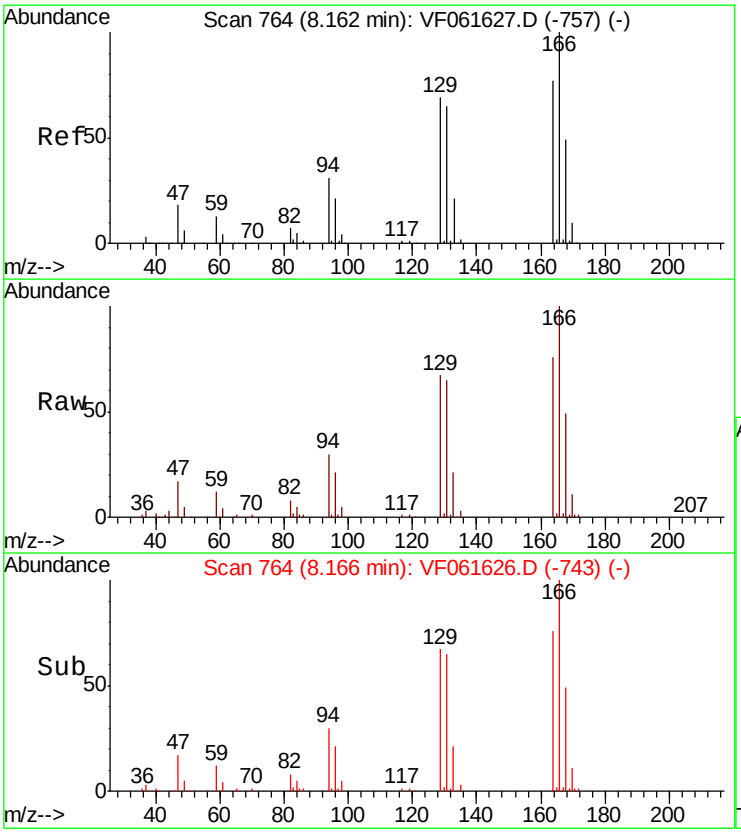
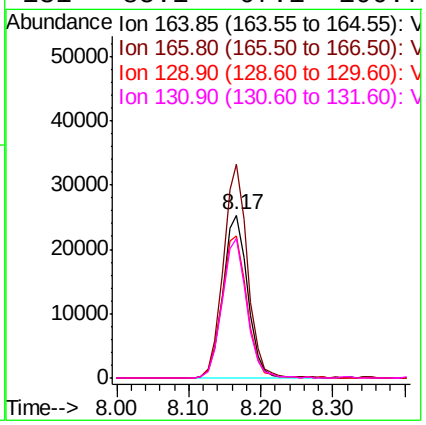
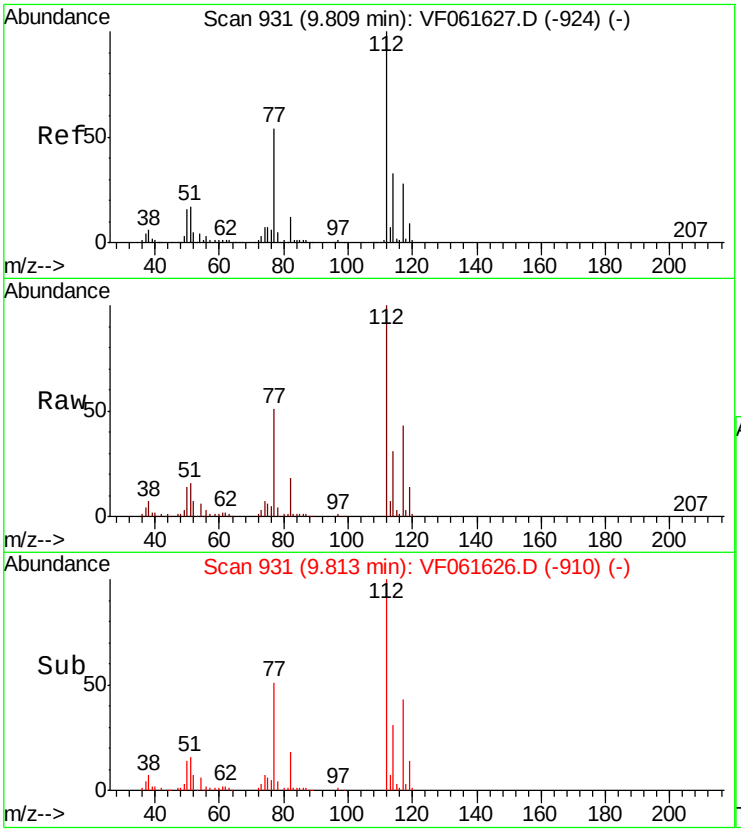


#64
Tetrachloroethene
Concen: 21.501 ug/l
RT: 8.17 min Scan# 764
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:164 Resp: 60212

Ion	Ratio	Lower	Upper
164	100		
166	130.9	103.9	155.9
129	87.3	71.3	106.9
131	85.1	67.1	100.7





#65
Chlorobenzene
Concen: 21.624 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:112 Resp: 155664

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.2	39.2

Instrument :
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ClientSampleId :
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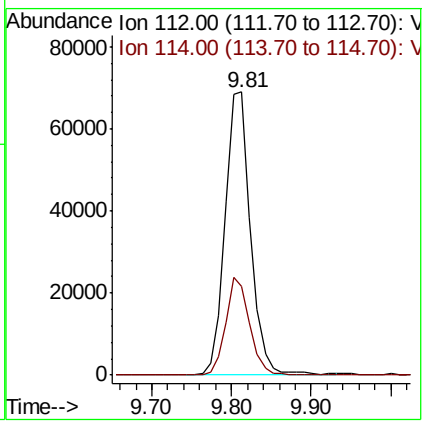
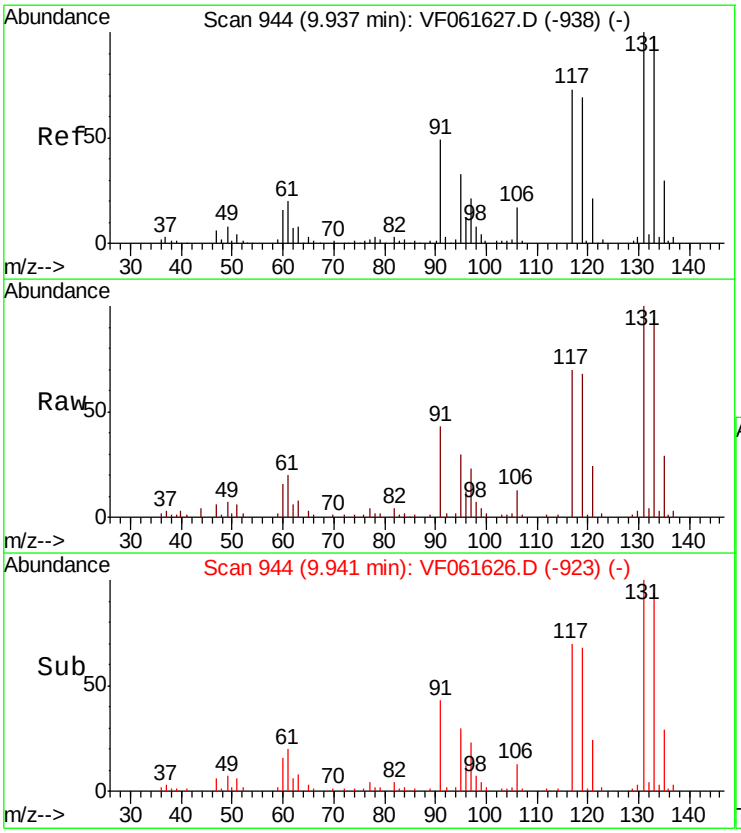
2/14/2019 12:41:55 PM

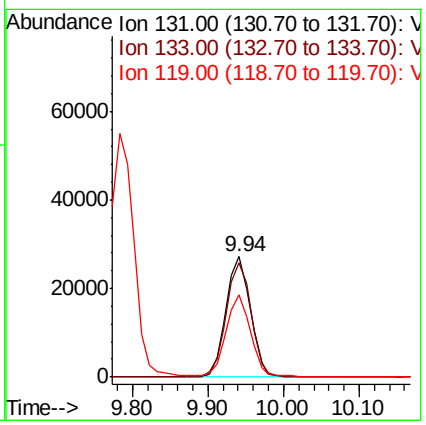


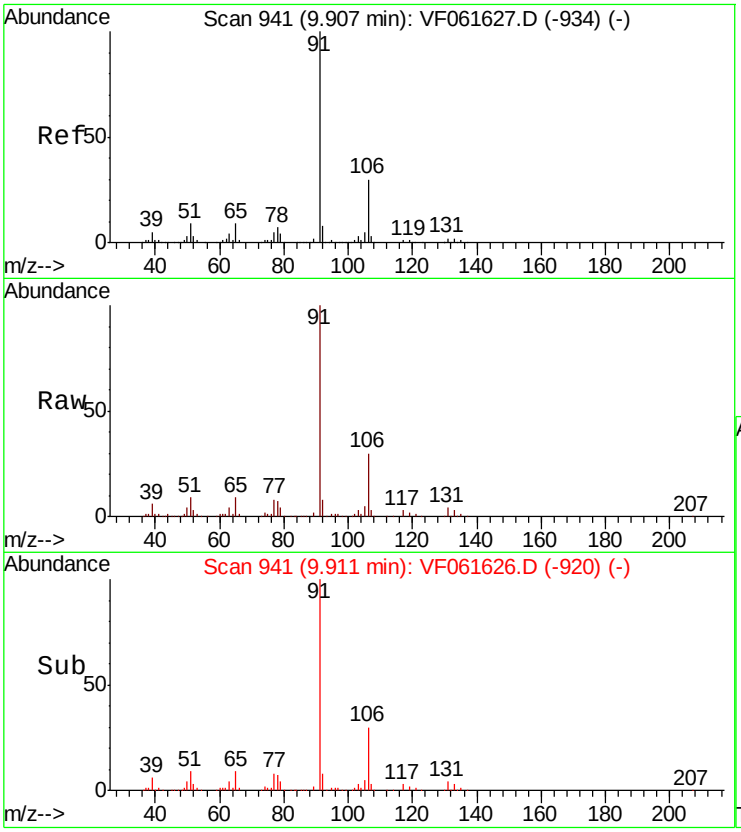


#66
1,1,1,2-Tetrachloroethane
Concen: 20.471 ug/l
RT: 9.94 min Scan# 944
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:131 Resp: 60779

Ion	Ratio	Lower	Upper
131	100		
133	94.5	48.9	146.6
119	68.4	34.8	104.3

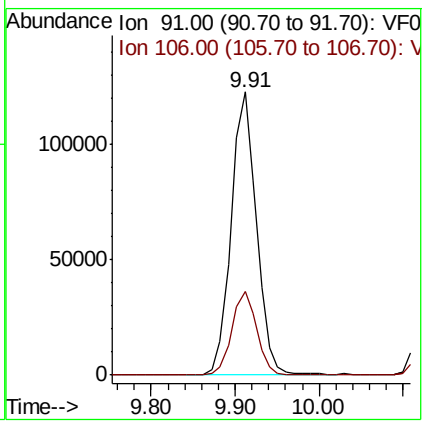




#67
Ethyl Benzene
Concen: 19.616 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 91 Resp: 257083

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.1	36.1



Instrument :
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ClientSampleId :
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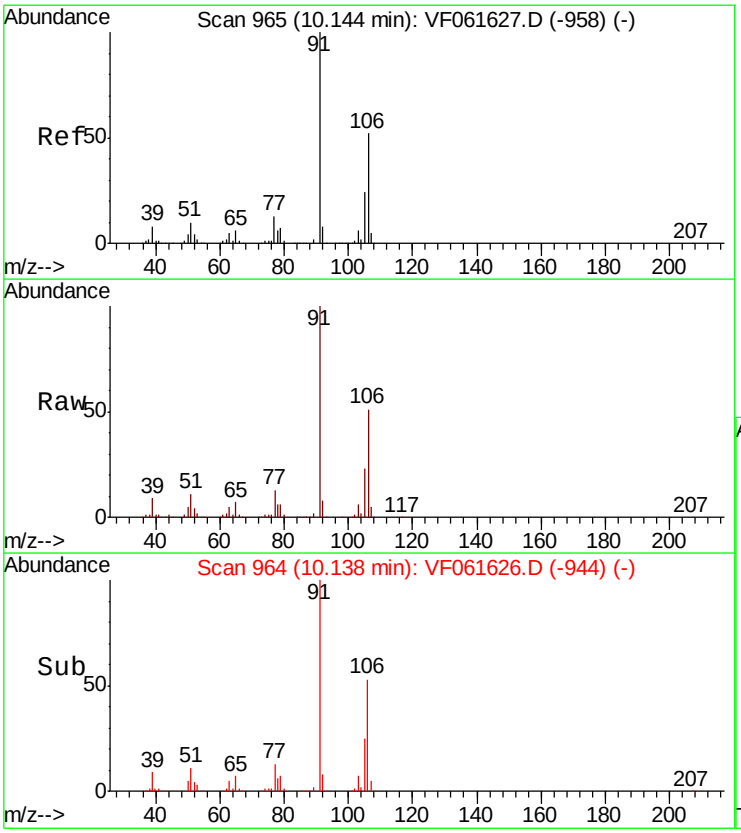
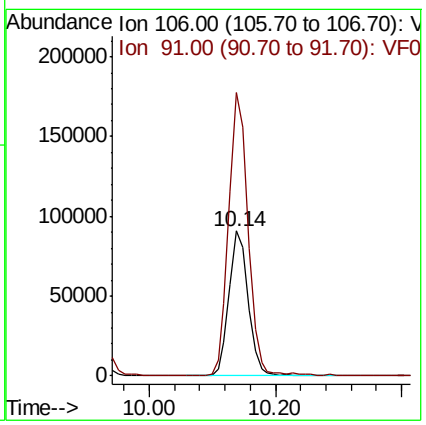
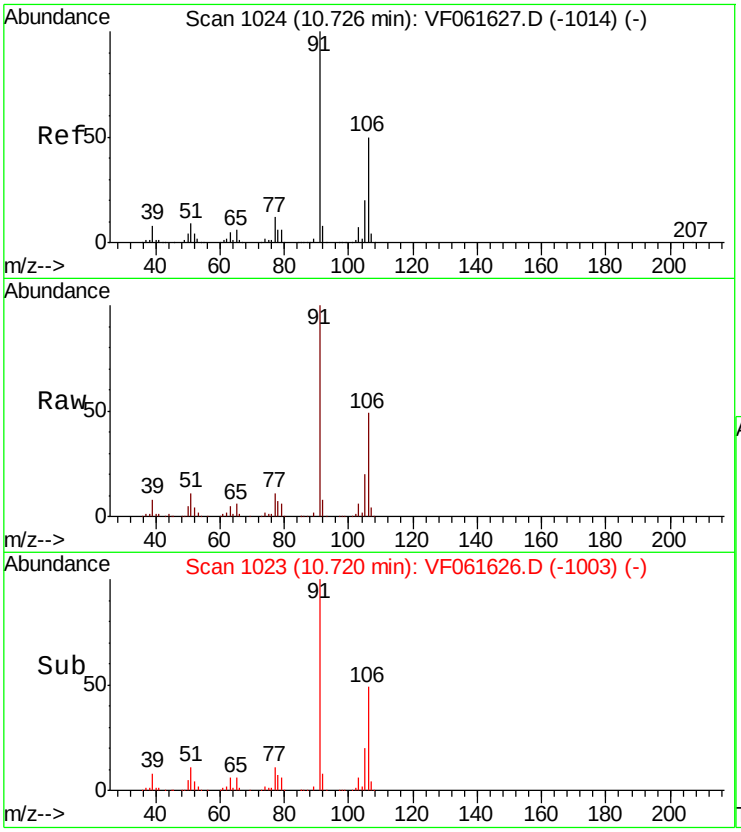


#68
m/p-Xylenes
Concen: 42.317 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:106 Resp: 192413

Ion	Ratio	Lower	Upper
106	100		
91	195.2	153.0	229.6





#69
o-Xylene
Concen: 22.663 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:106 Resp: 113642

Ion	Ratio	Lower	Upper
106	100		
91	205.5	100.1	300.1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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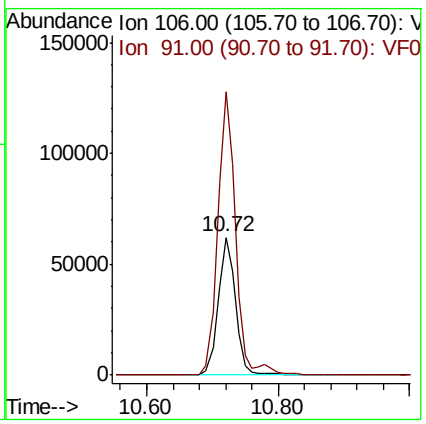
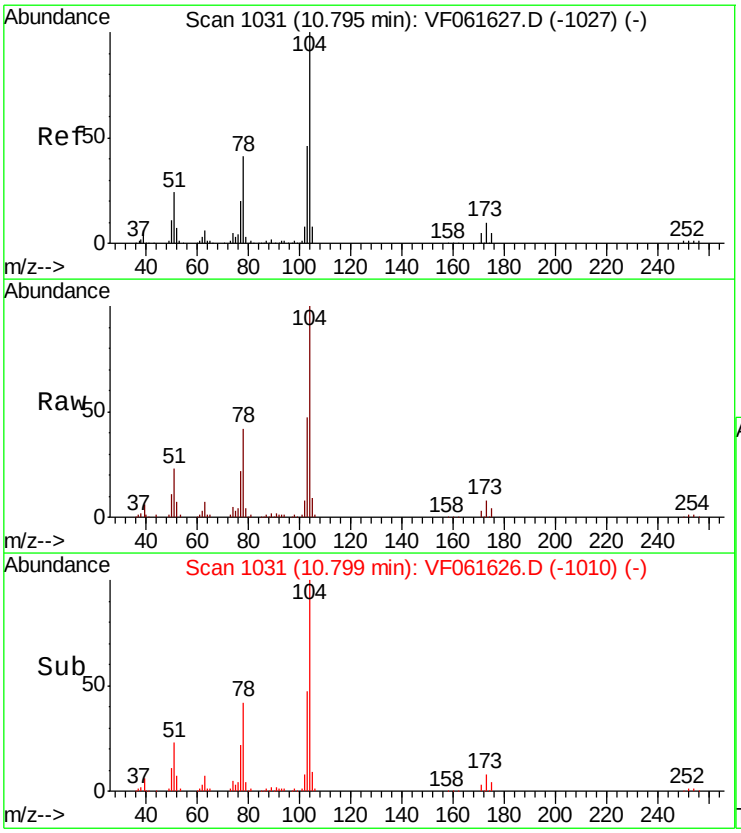
2/14/2019 12:41:55 PM

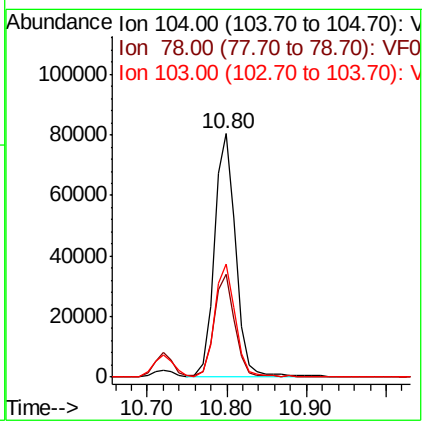


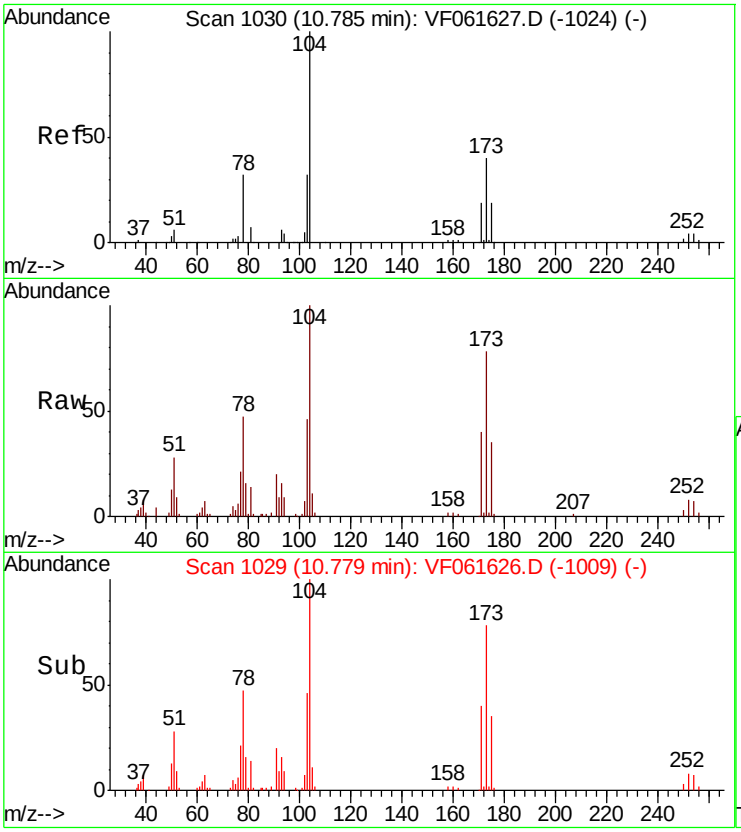


#70
Styrene
Concen: 21.675 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:104 Resp: 150506

Ion	Ratio	Lower	Upper
104	100		
78	42.1	33.2	49.8
103	46.5	37.2	55.8

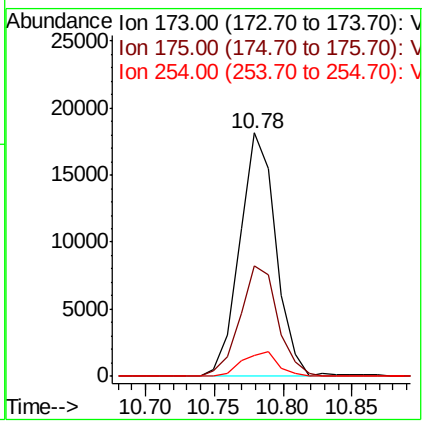




#71
Bromoform
Concen: 23.727 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:173 Resp: 33342

Ion	Ratio	Lower	Upper
173	100		
175	45.5	24.0	72.0
254	8.8	8.2	12.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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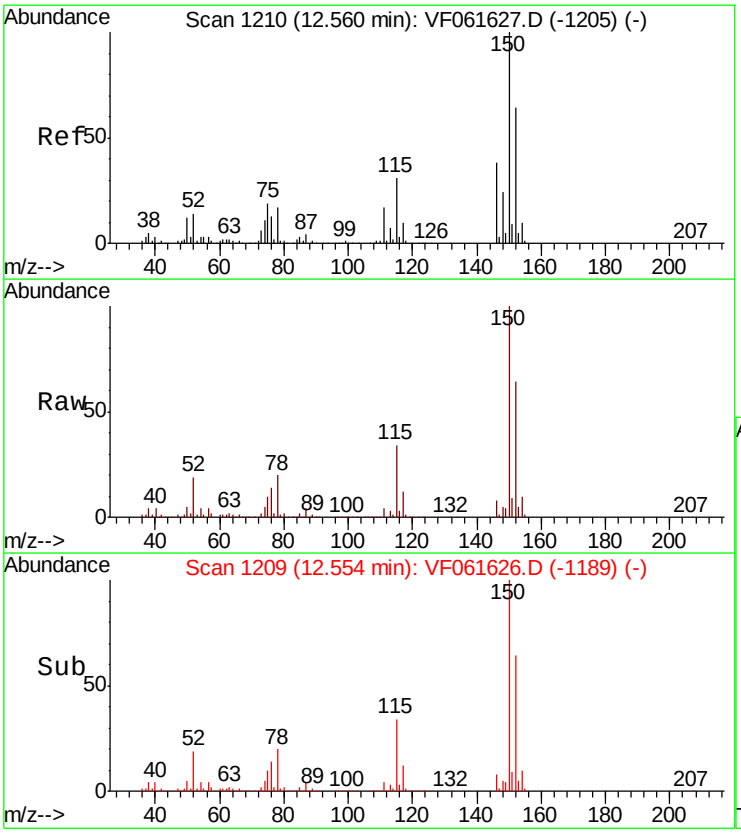
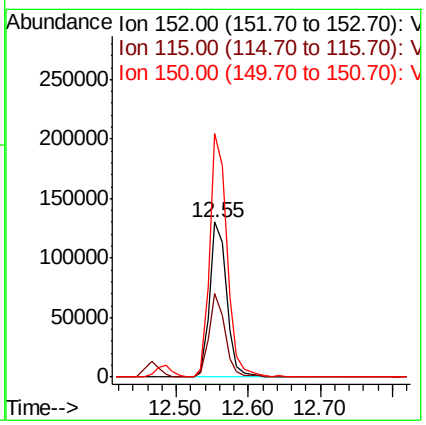
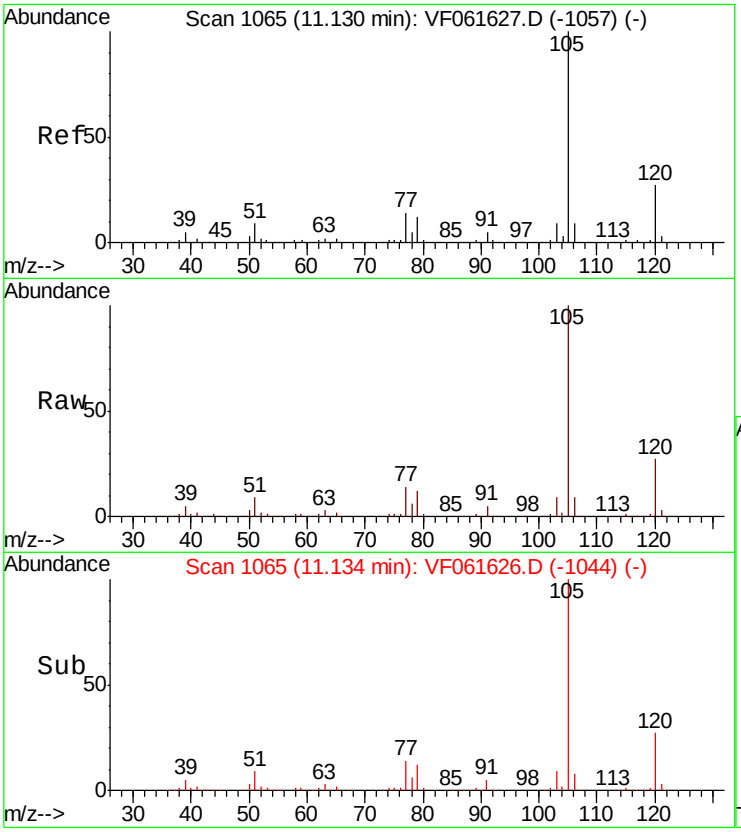


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:152 Resp: 210504

Ion	Ratio	Lower	Upper
152	100		
115	54.0	24.3	72.8
150	156.9	0.0	312.0

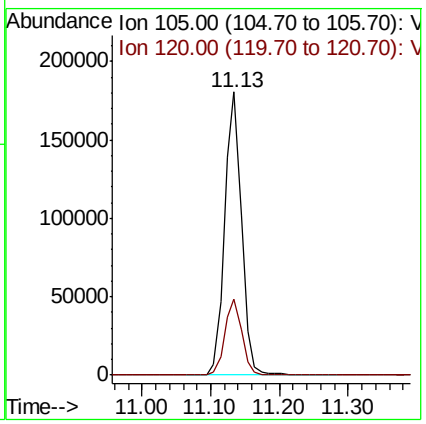




#73
Isopropylbenzene
Concen: 18.805 ug/l
RT: 11.13 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:105 Resp: 305972

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.4	40.1



Instrument :
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ClientSampleId :
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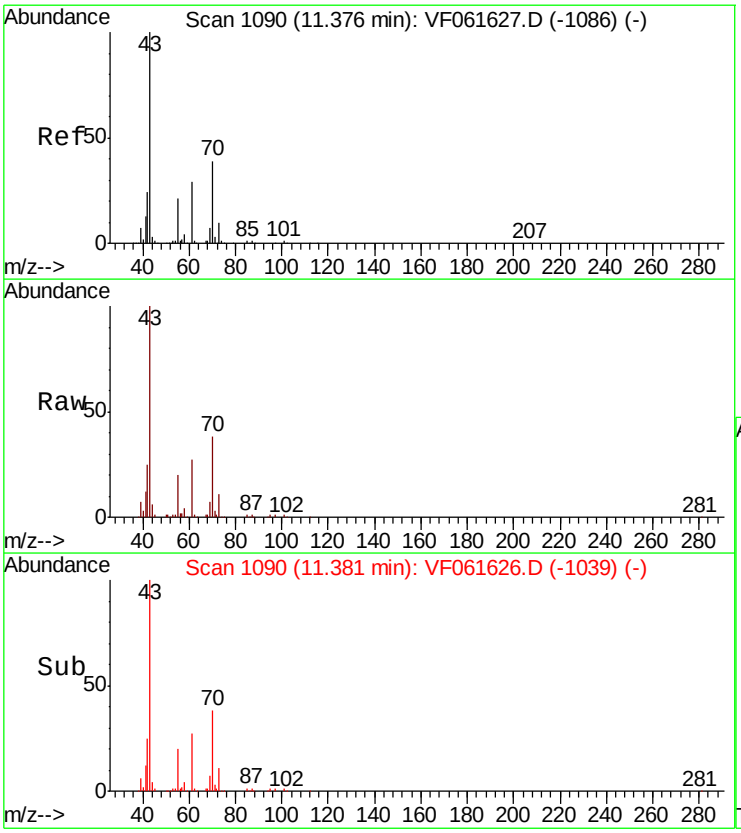
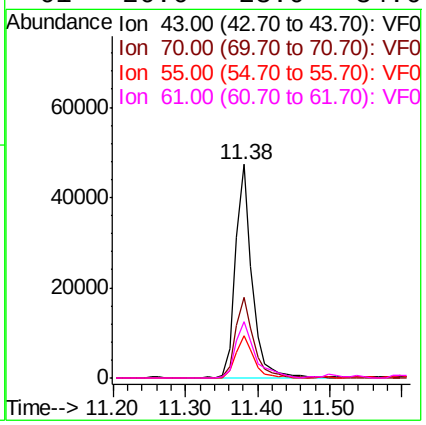
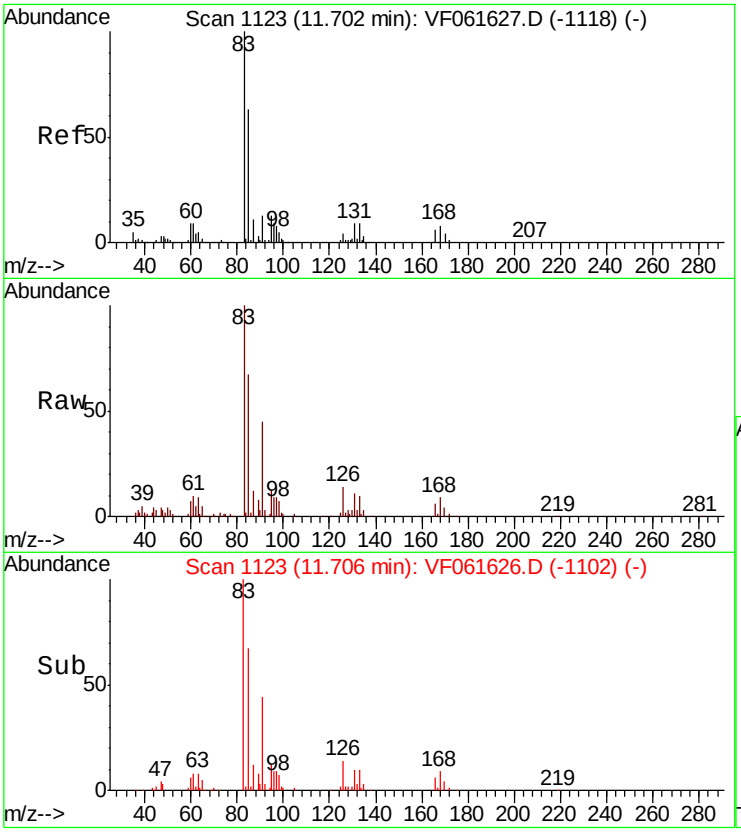


#74
N-amyl acetate
Concen: 18.710 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 43 Resp: 76654

Ion	Ratio	Lower	Upper
43	100		
70	38.0	31.5	47.3
55	19.8	16.7	25.1
61	26.6	23.0	34.6

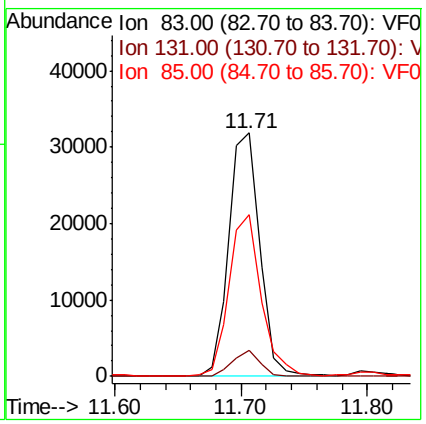




#75
1,1,2,2-Tetrachloroethane
Concen: 17.821 ug/l
RT: 11.71 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 83 Resp: 54125

Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.4	13.2
85	66.5	31.5	94.5



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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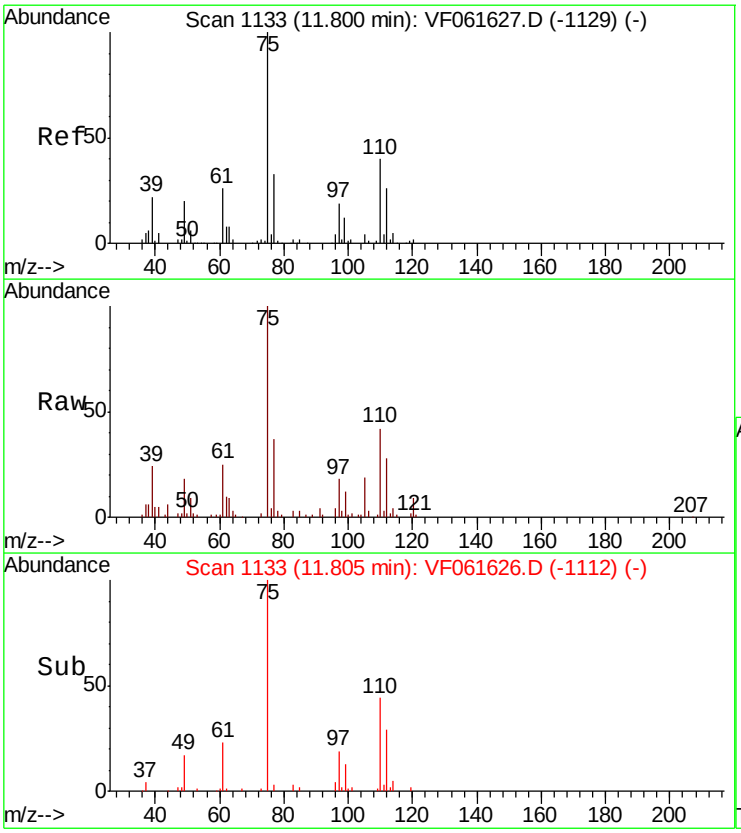
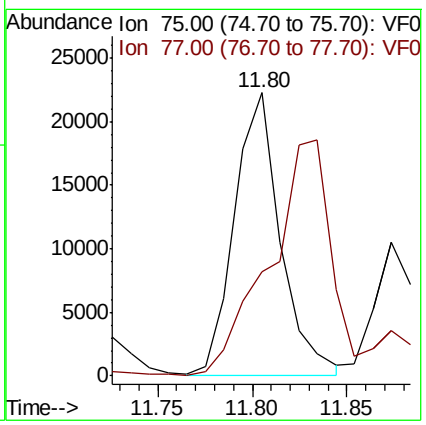
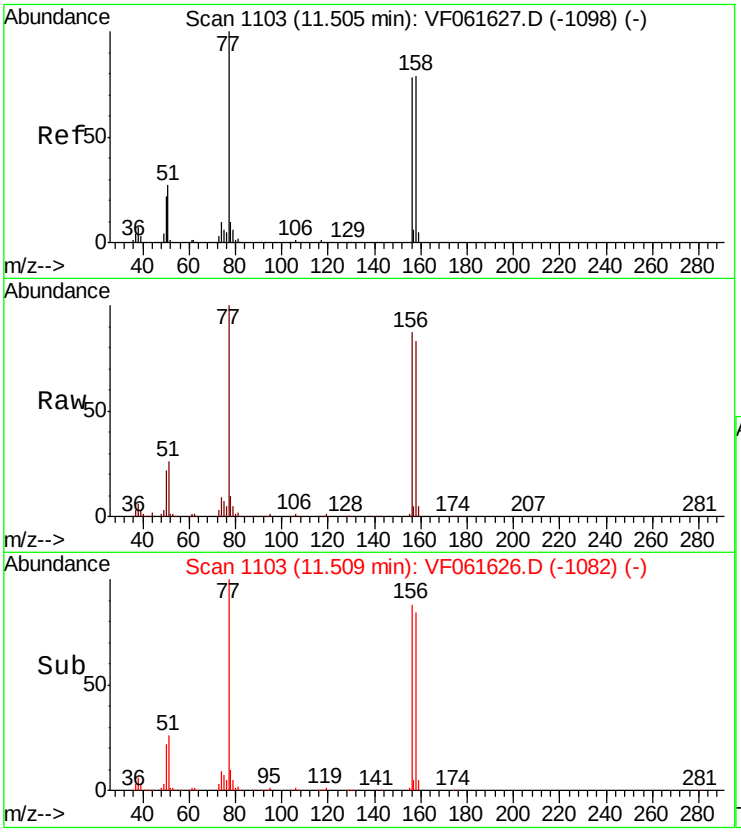


#76
1,2,3-Trichloropropane
Concen: 17.348 ug/l
RT: 11.80 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 75 Resp: 37434

Ion	Ratio	Lower	Upper
75	100		
77	36.7	16.6	49.7

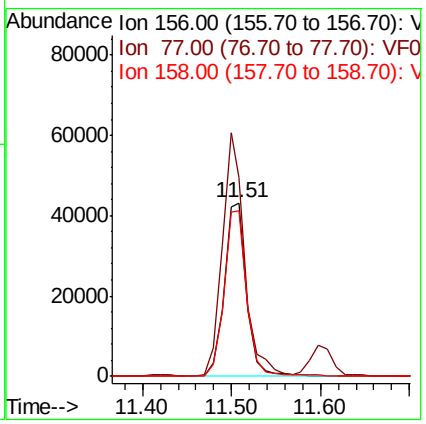




#77
Bromobenzene
Concen: 21.411 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:156 Resp: 76647

Ion	Ratio	Lower	Upper
156	100		
77	114.6	64.3	192.7
158	95.6	50.9	152.7



Instrument :
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ClientSampleId :
VSTDICC020

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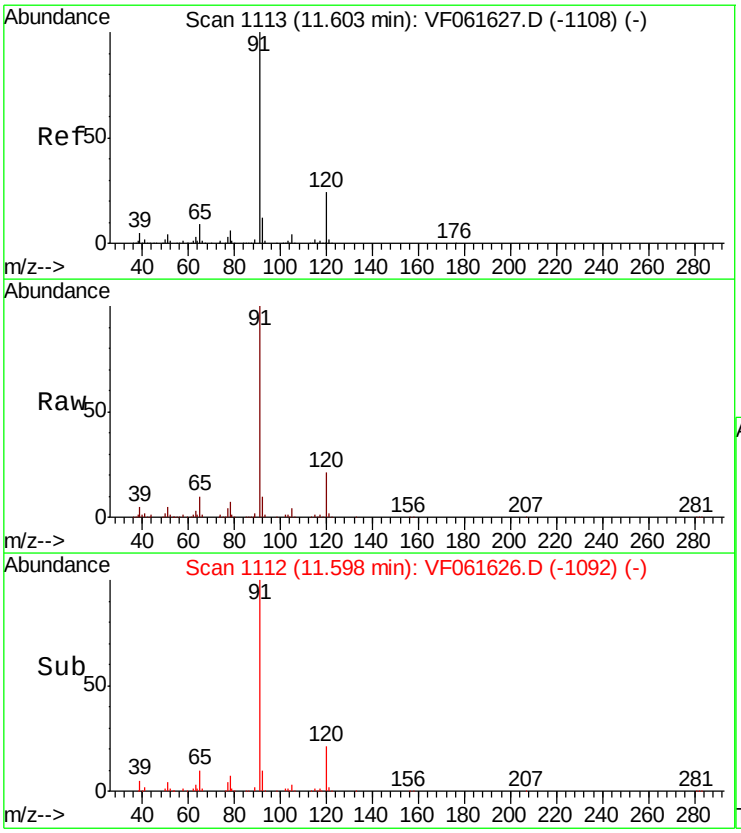
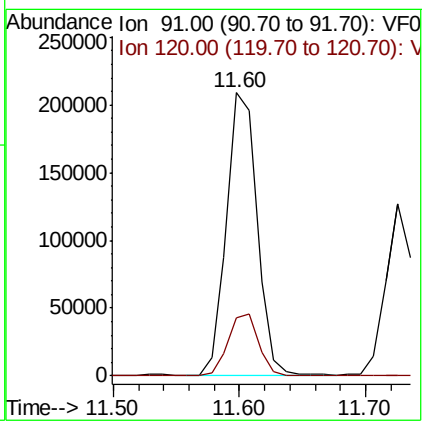
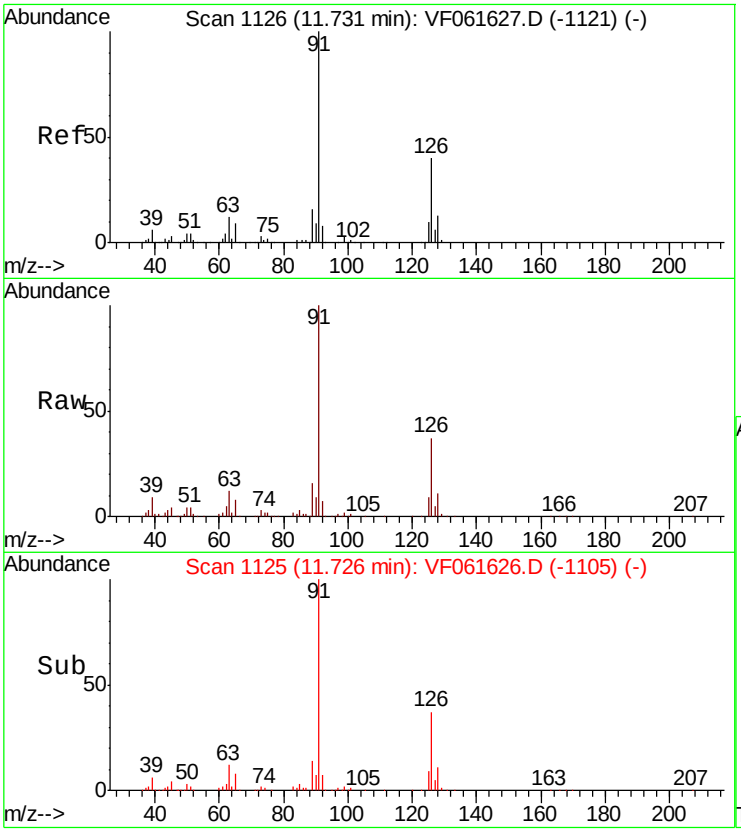


#78
n-propylbenzene
Concen: 18.027 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 91 Resp: 352333

Ion	Ratio	Lower	Upper
91	100		
120	20.7	12.1	36.3





#79
2-Chlorotoluene
Concen: 17.347 ug/l
RT: 11.73 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 91 Resp: 193058

Ion	Ratio	Lower	Upper
91	100		
126	36.6	19.8	59.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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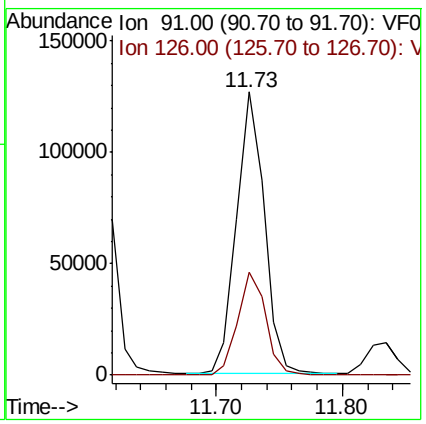
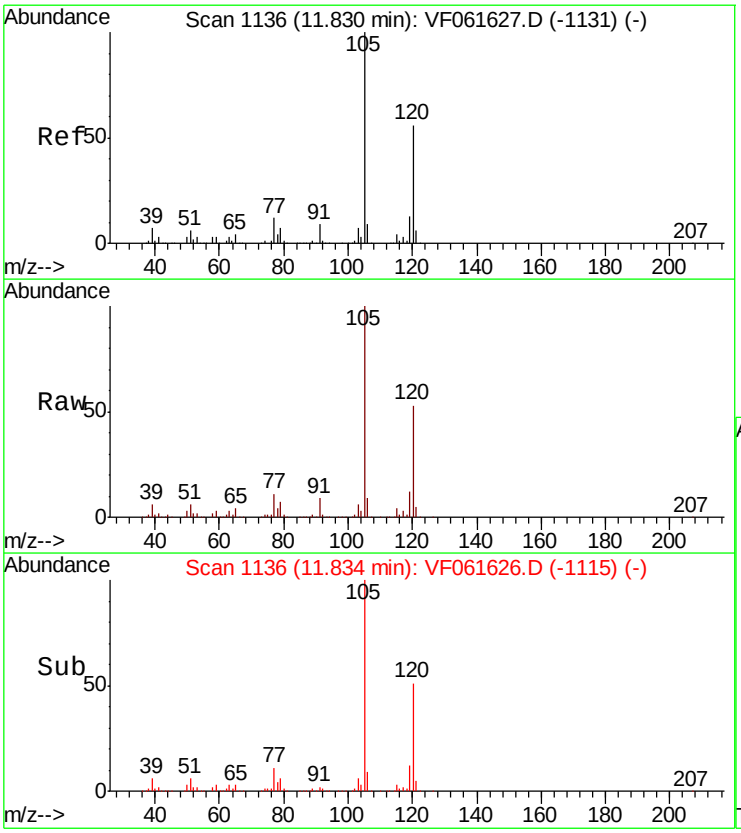
2/14/2019 12:41:55 PM

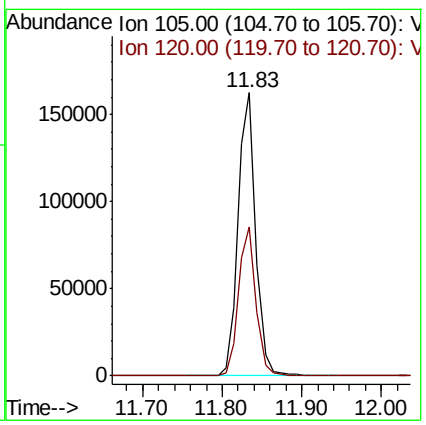


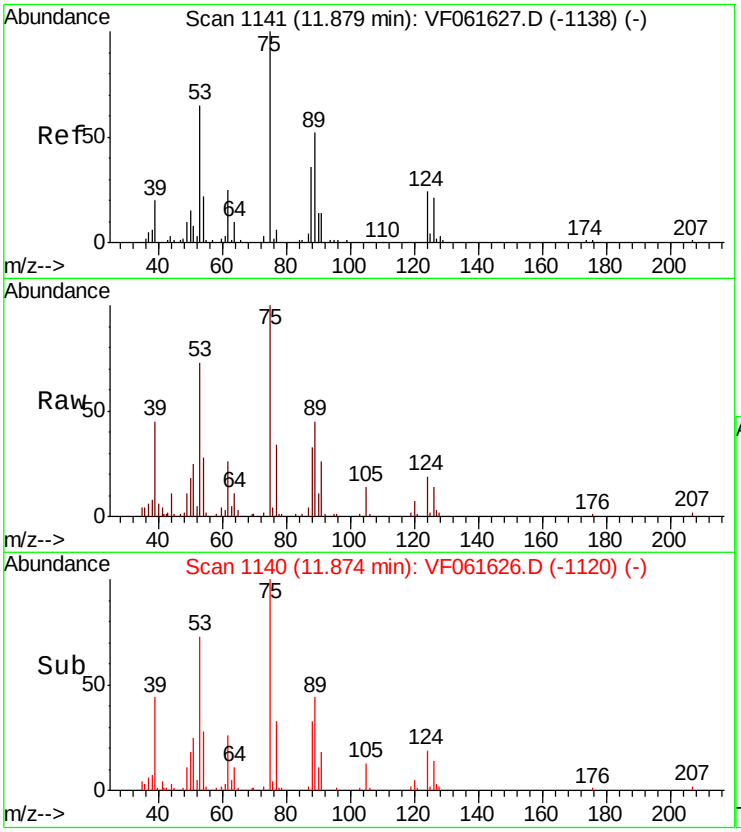


#80
1,3,5-Trimethylbenzene
Concen: 18.586 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:105 Resp: 249477

Ion	Ratio	Lower	Upper
105	100		
120	52.8	27.9	83.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.044 ug/l m
RT: 11.87 min Scan# 1140
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 75 Resp: 16276

Ion	Ratio	Lower	Upper
75	100		
53	72.8	53.7	80.5
89	45.4	41.6	62.4

Instrument :
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ClientSampleId :
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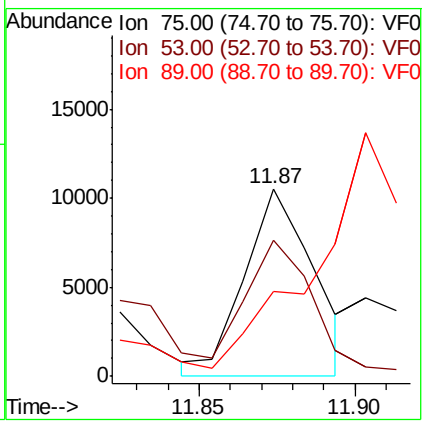
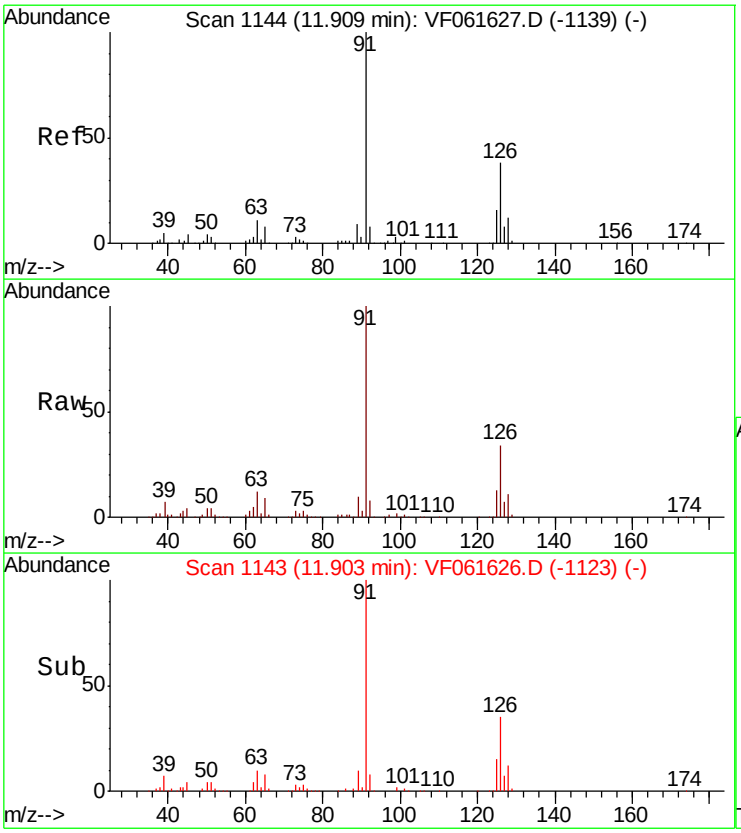
2/14/2019 12:41:55 PM

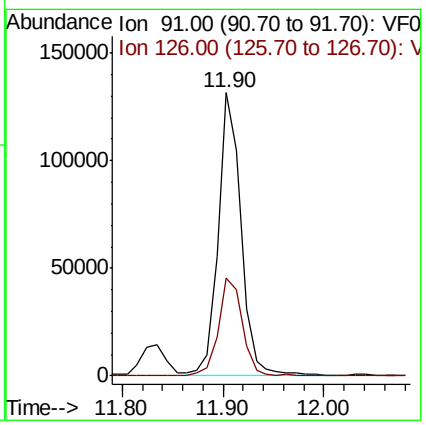


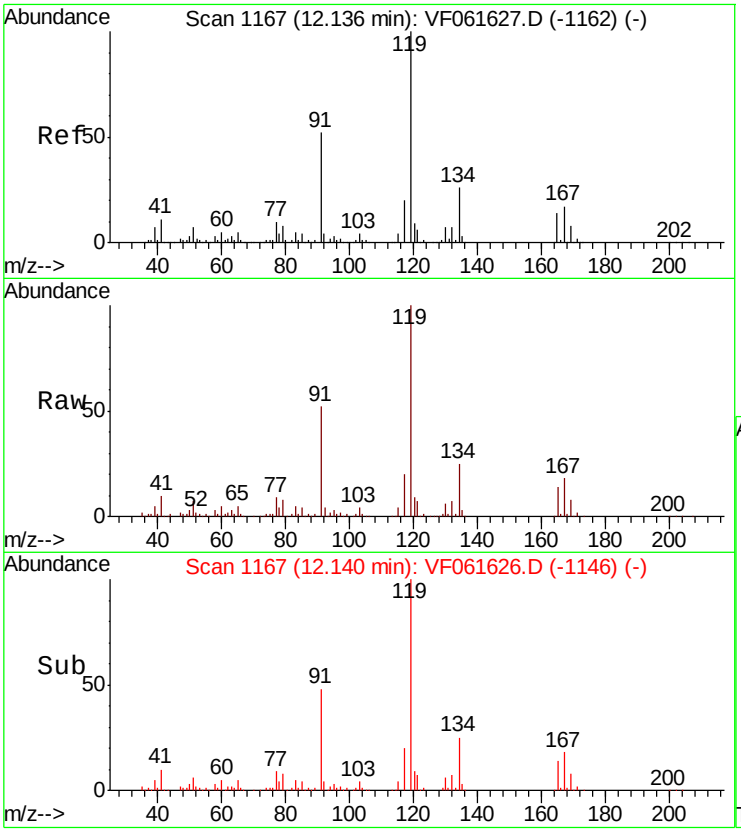


#82
4-Chlorotoluene
Concen: 17.728 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 91 Resp: 204962

Ion	Ratio	Lower	Upper
91	100		
126	34.3	19.1	57.1

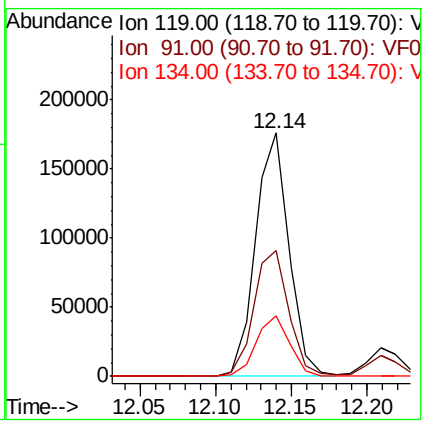




#83
tert-Butylbenzene
Concen: 19.710 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:119 Resp: 272012

Ion	Ratio	Lower	Upper
119	100		
91	51.5	26.3	78.8
134	24.7	12.9	38.7



Instrument :
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ClientSampleId :
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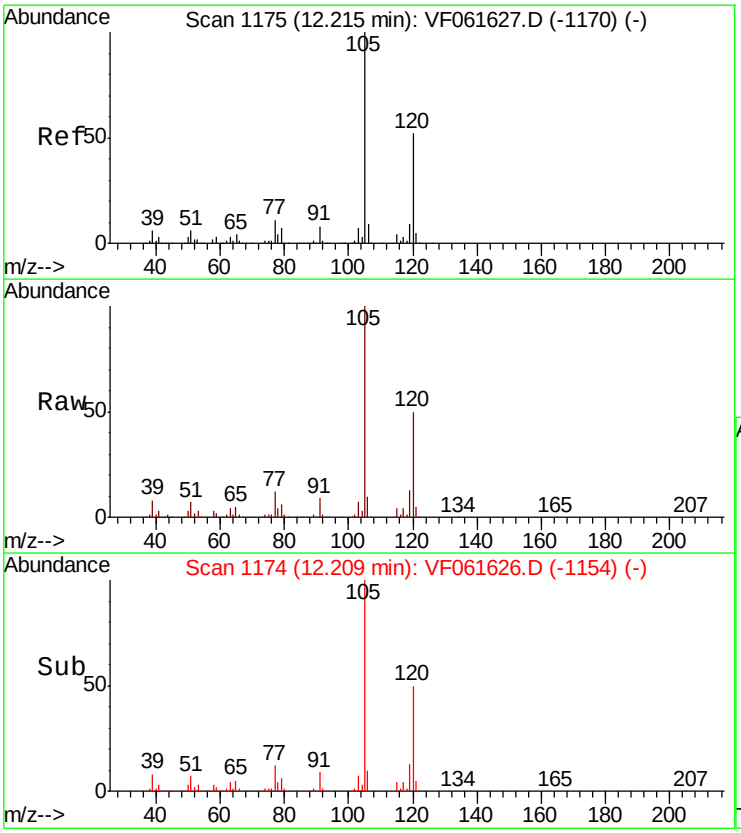
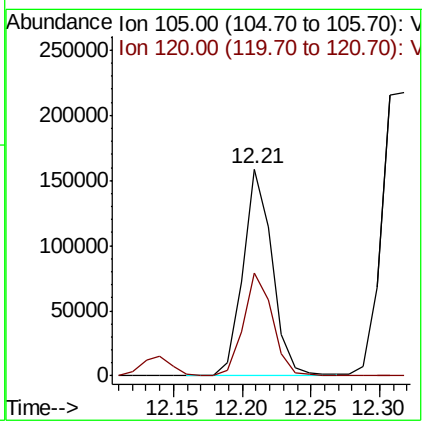
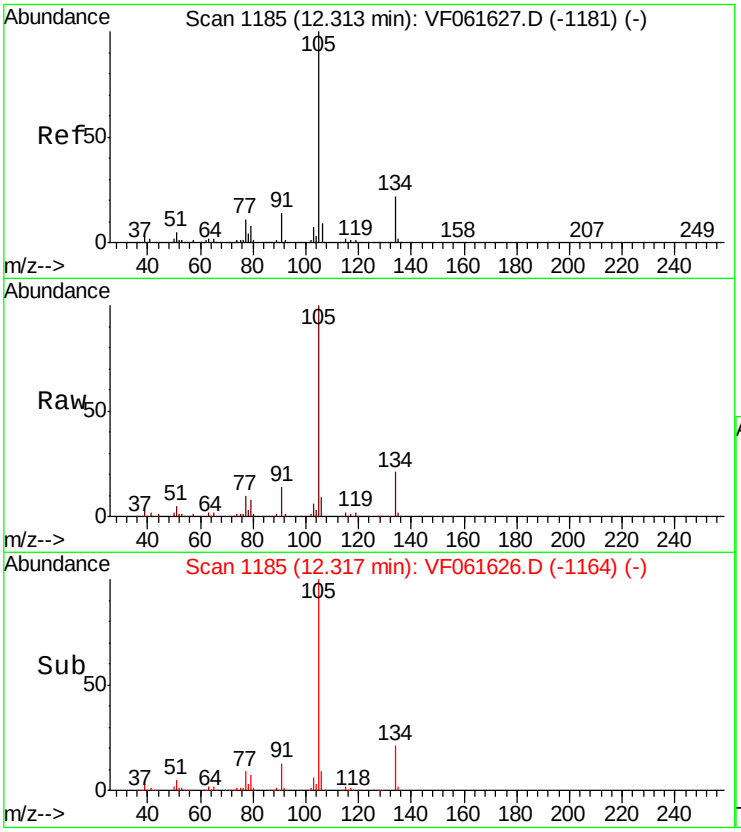


#84
1,2,4-Trimethylbenzene
Concen: 17.874 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:105 Resp: 235528

Ion	Ratio	Lower	Upper
105	100		
120	49.9	26.1	78.3





#85
sec-Butylbenzene
Concen: 19.131 ug/l
RT: 12.32 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:105 Resp: 352852

Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.8	32.4

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

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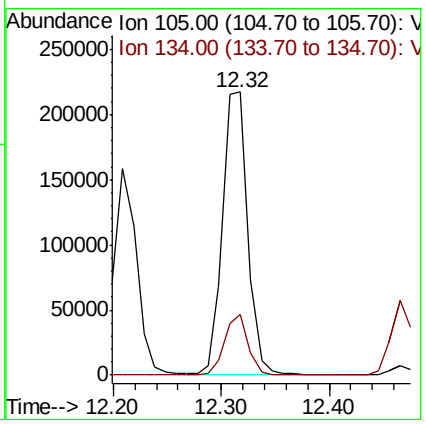
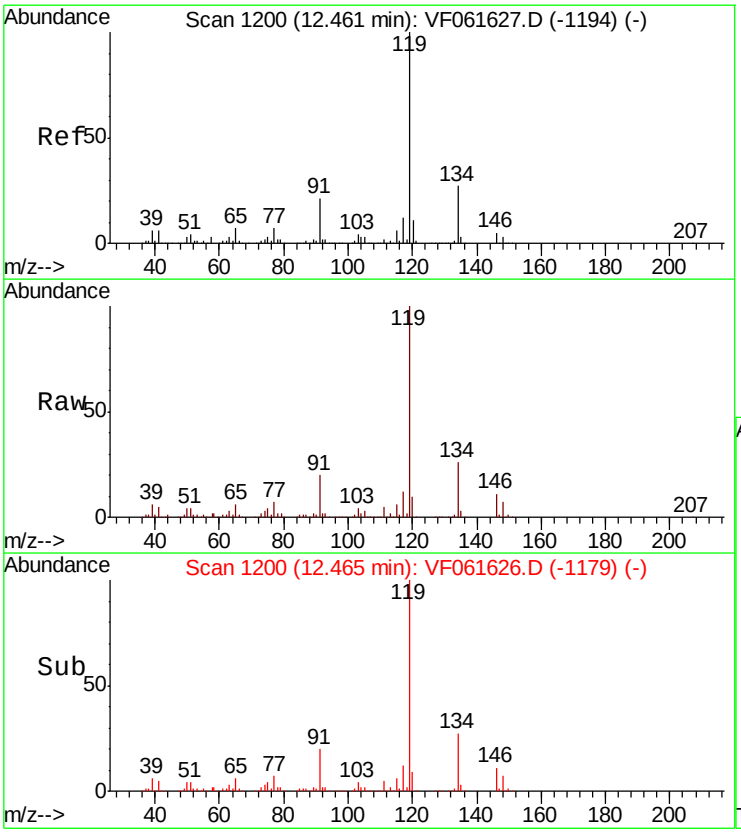
2/14/2019 12:41:55 PM

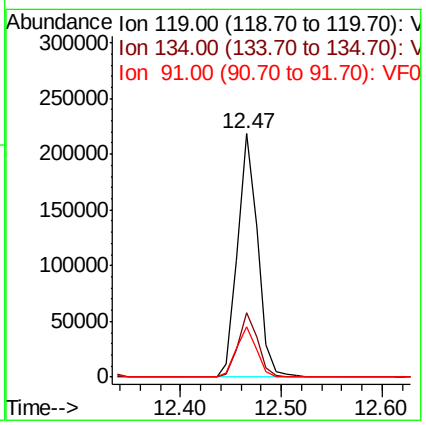


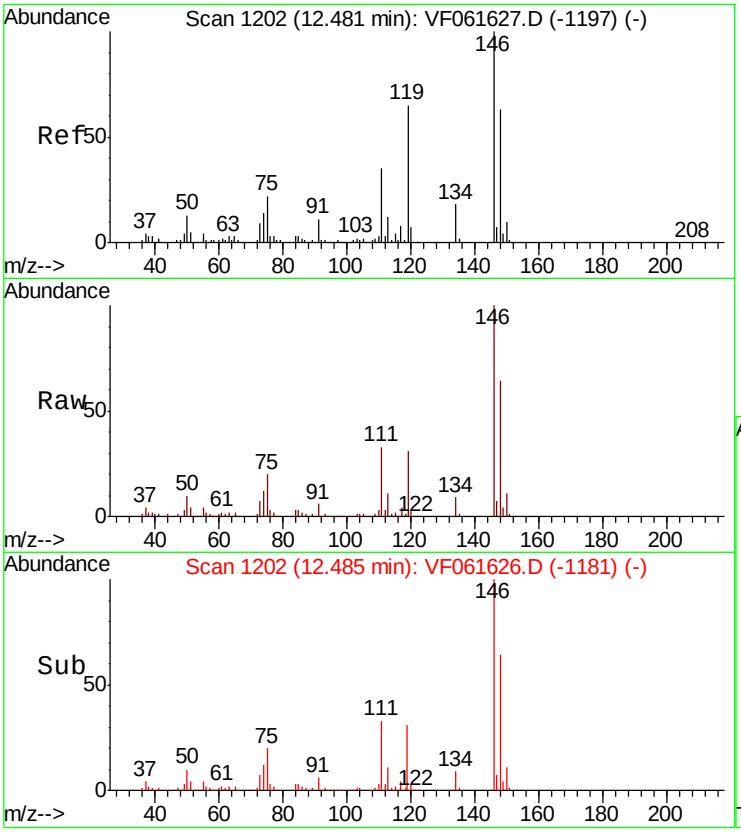


#86
p-Isopropyltoluene
Concen: 20.029 ug/l
RT: 12.47 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:119 Resp: 302155

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.7	41.1
91	20.4	10.8	32.4

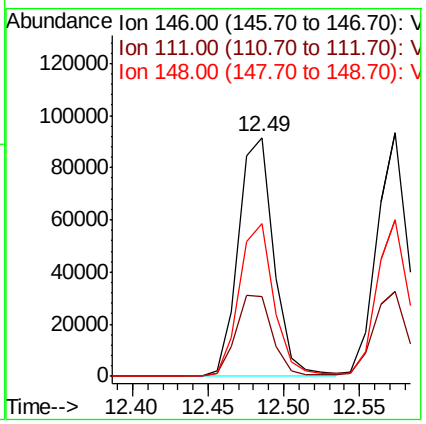




#87
1,3-Dichlorobenzene
Concen: 21.505 ug/l
RT: 12.49 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:146 Resp: 149624

Ion	Ratio	Lower	Upper
146	100		
111	33.4	17.5	52.6
148	64.1	31.4	94.3



Instrument :
MSVOA_F
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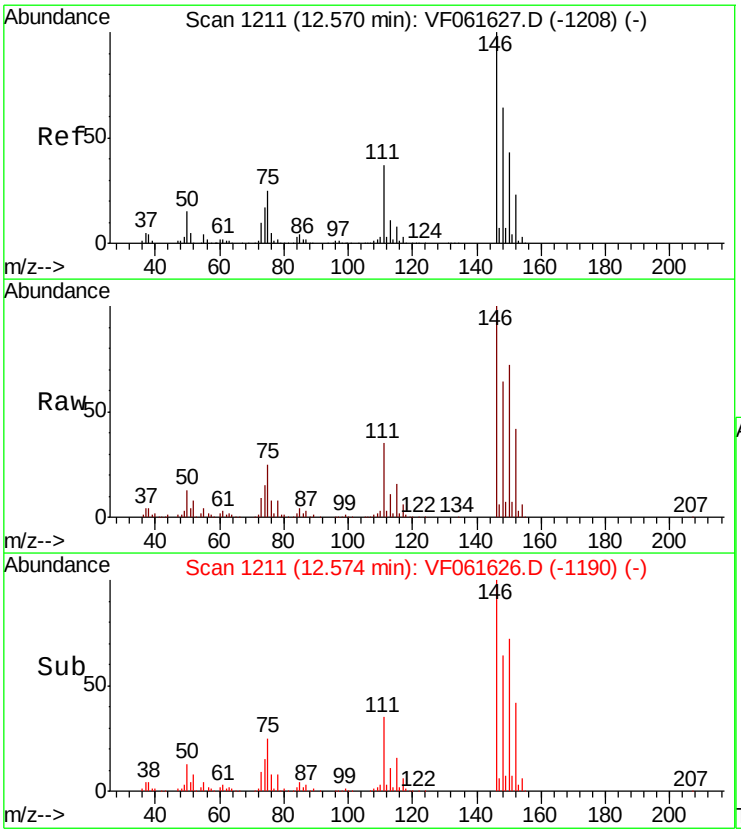
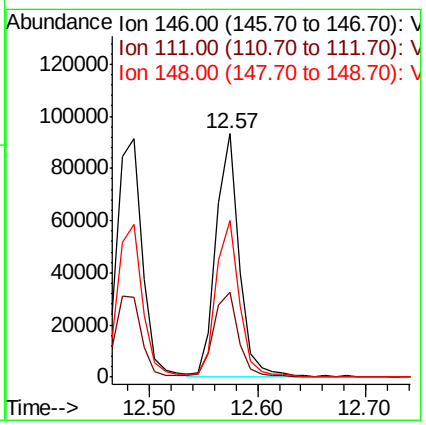
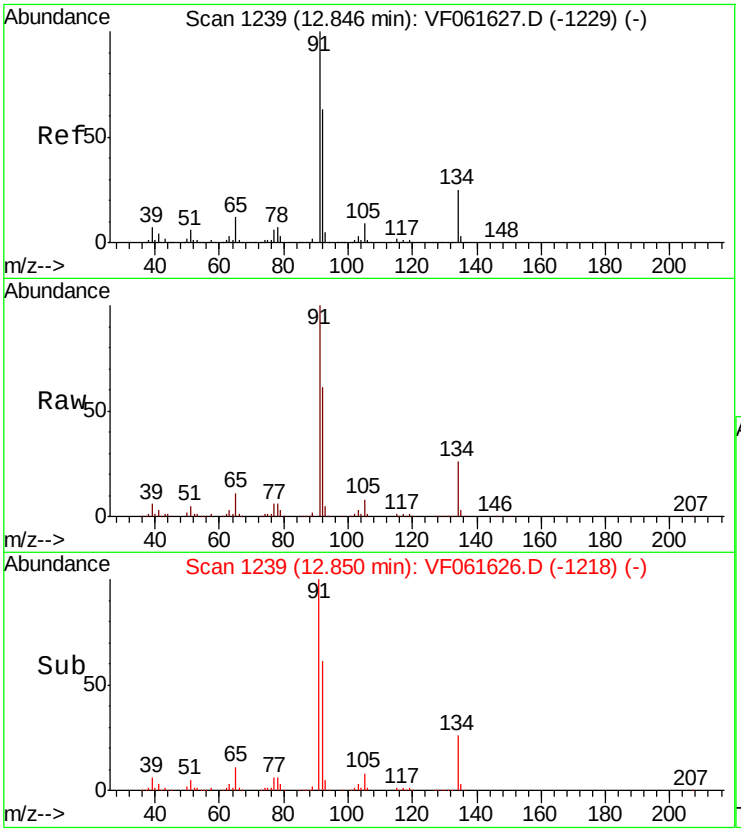


#88
1,4-Dichlorobenzene
Concen: 21.015 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:146 Resp: 139098

Ion	Ratio	Lower	Upper
146	100		
111	34.9	18.4	55.4
148	64.5	32.2	96.6

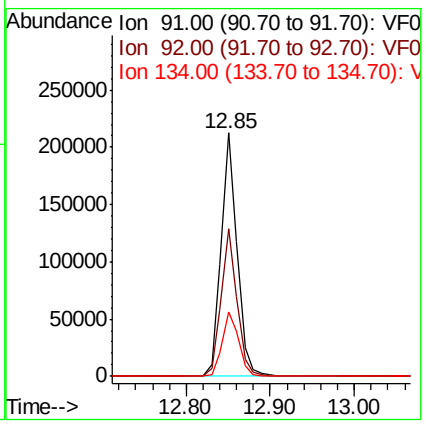




#89
n-Butylbenzene
Concen: 18.497 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 91 Resp: 282604

Ion	Ratio	Lower	Upper
91	100		
92	60.6	31.4	94.3
134	26.4	12.3	36.9



Instrument :
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ClientSampleId :
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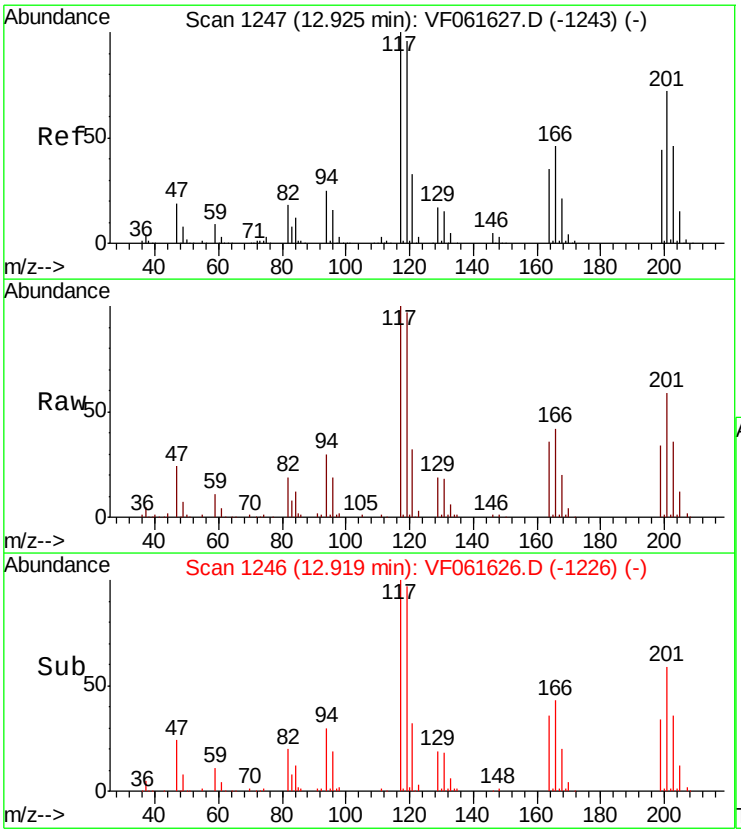
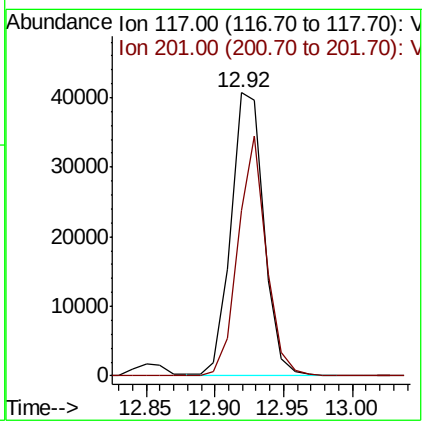
2/14/2019 12:41:55 PM

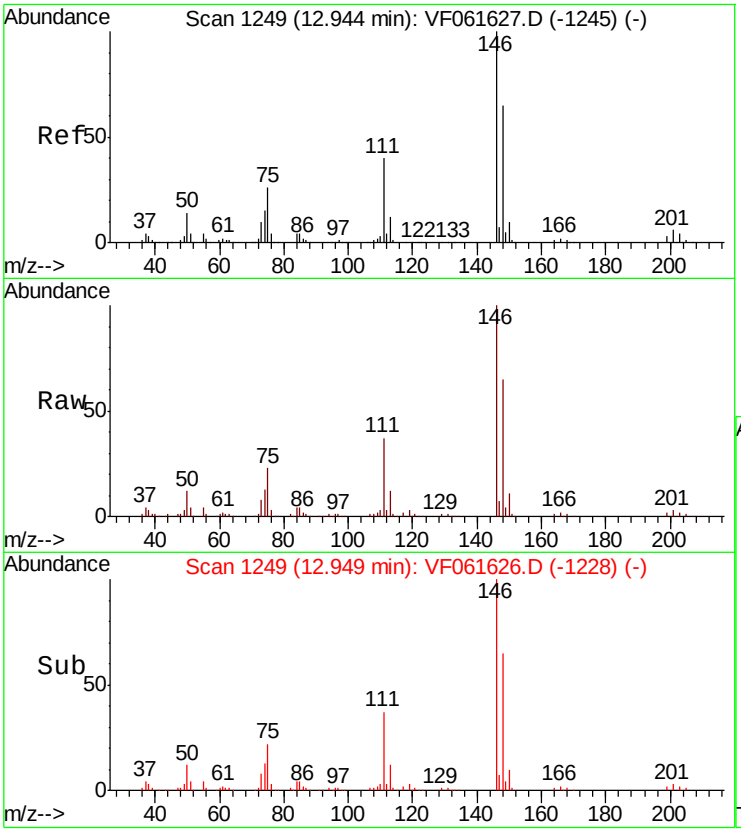


#90
Hexachloroethane
Concen: 17.742 ug/l
RT: 12.92 min Scan# 1246
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:117 Resp: 67884

Ion	Ratio	Lower	Upper
117	100		
201	58.6	36.2	108.6

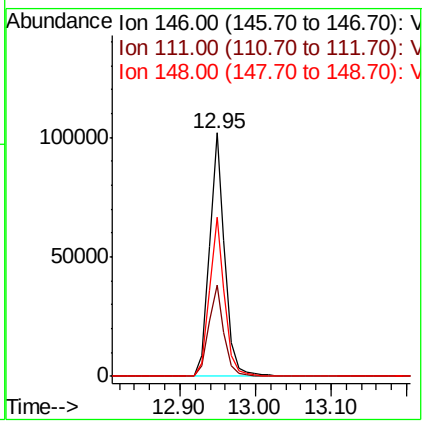




#91
1,2-Dichlorobenzene
Concen: 22.446 ug/l
RT: 12.95 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:146 Resp: 145459

Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.2	60.5
148	65.3	32.3	96.9



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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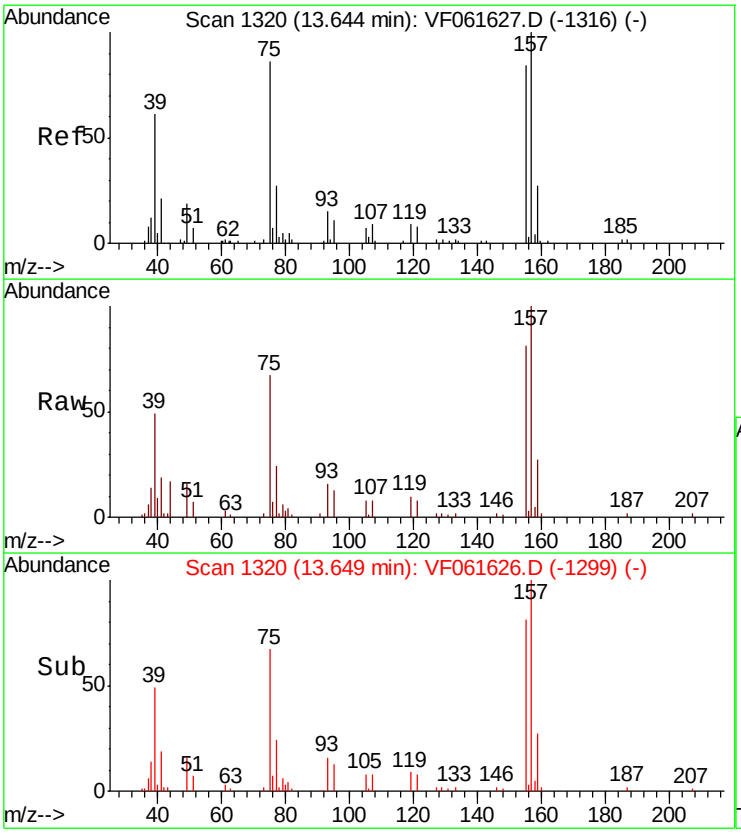
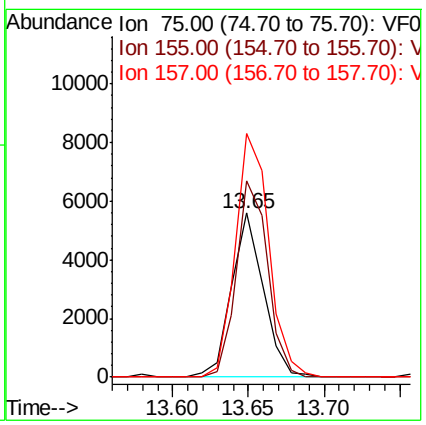
2/14/2019 12:41:55 PM

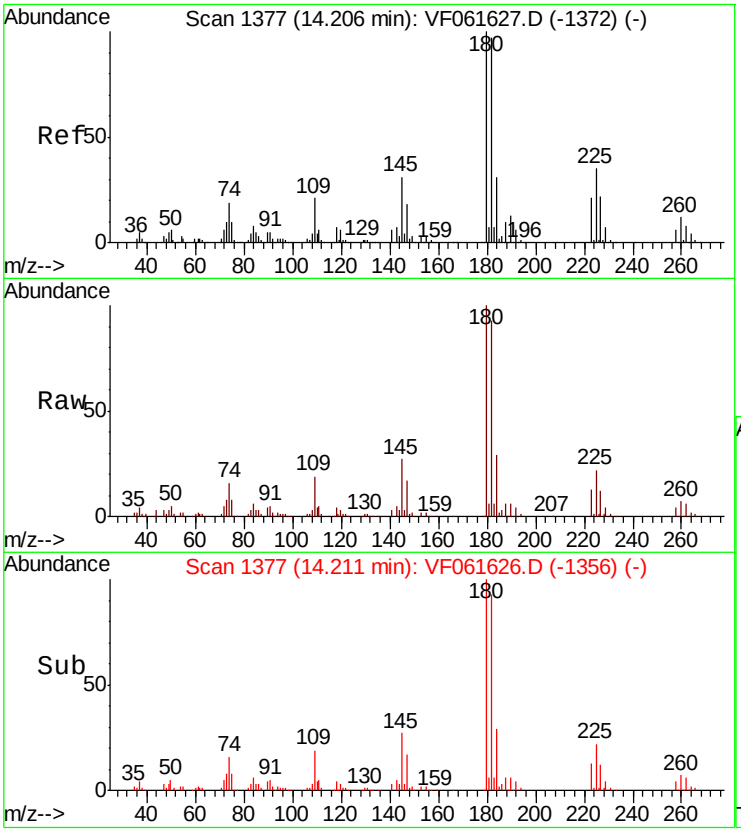


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.559 ug/l
RT: 13.65 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion: 75 Resp: 8193

Ion	Ratio	Lower	Upper
75	100		
155	120.1	48.9	146.8
157	148.6	58.3	174.8

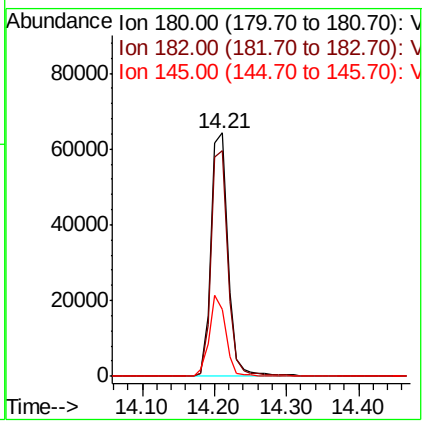




#93
1,2,4-Trichlorobenzene
Concen: 22.889 ug/l
RT: 14.21 min Scan# 1377
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:180 Resp: 104155

Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.6	145.9
145	27.4	15.3	45.9



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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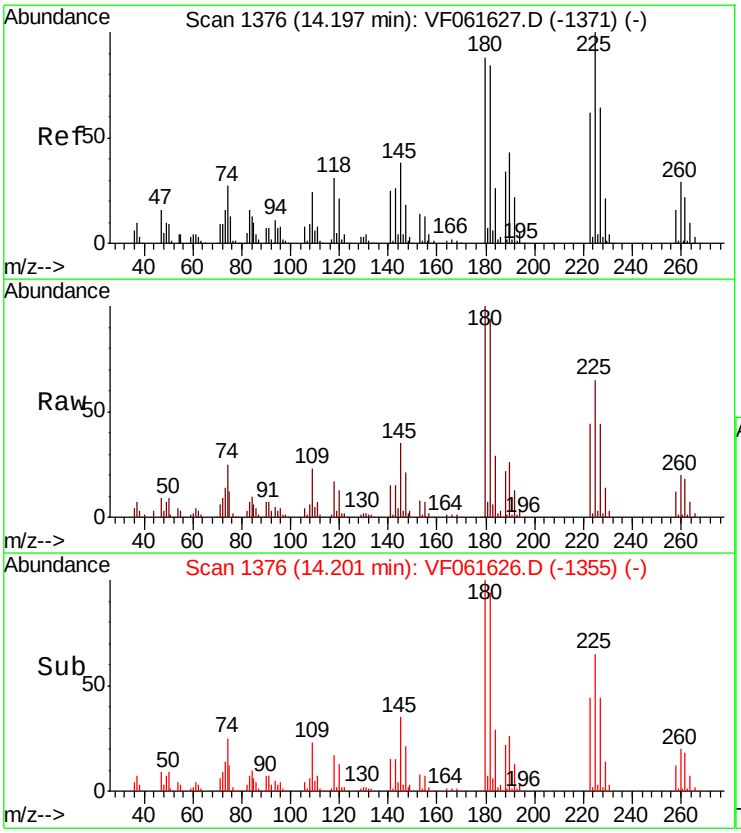
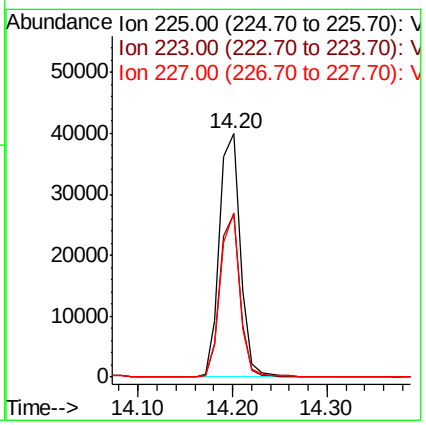
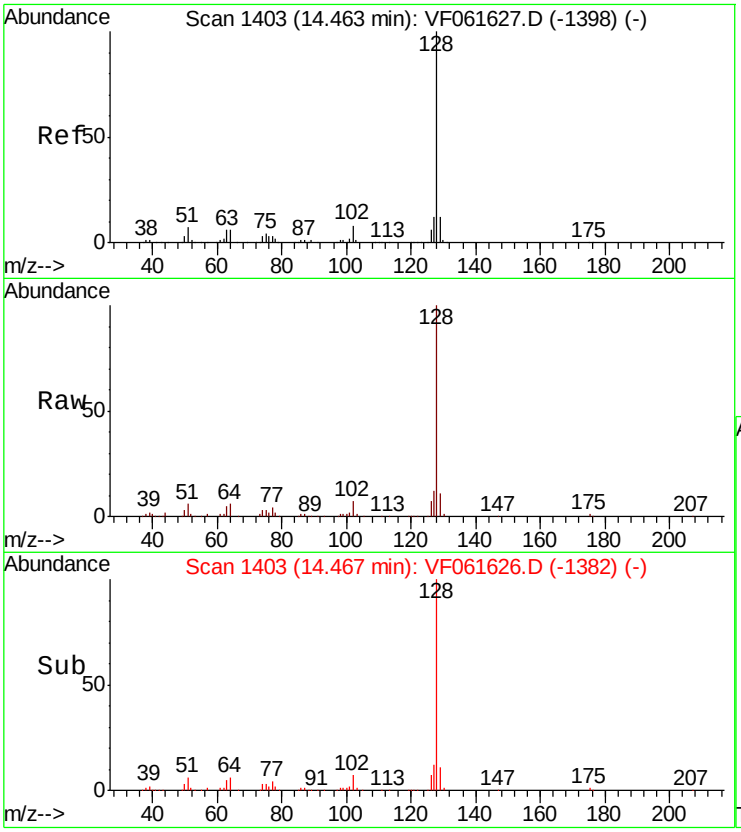


#94
Hexachlorobutadiene
Concen: 21.971 ug/l
RT: 14.20 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:225 Resp: 61679

Ion	Ratio	Lower	Upper
225	100		
223	67.1	30.9	92.7
227	67.4	32.1	96.3

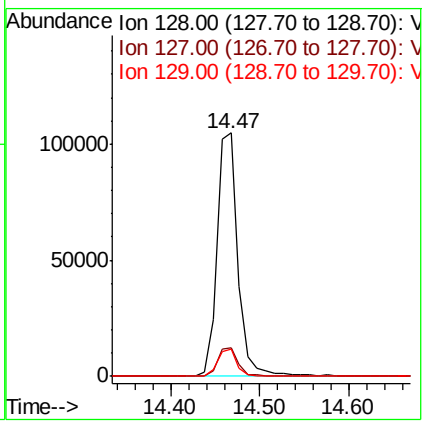




#95
Naphthalene
Concen: 20.014 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.00 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

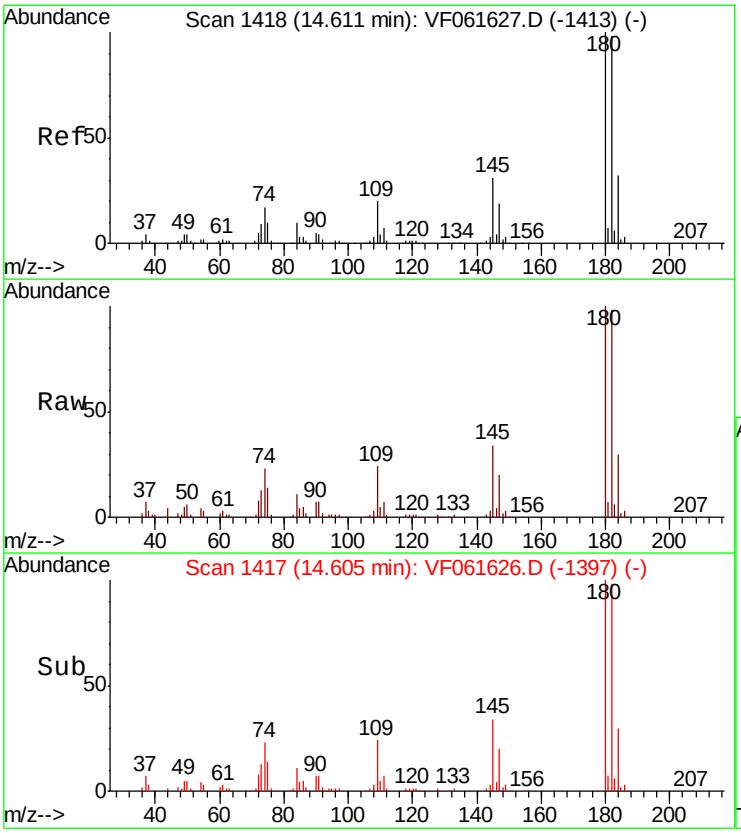
Tgt Ion:128 Resp: 172171

Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.8	14.6
129	11.1	9.4	14.2



Instrument :
MSVOA_F
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
2/14/2019 12:41:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.451 ug/l
RT: 14.61 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF061626.D
Acq: 13 Feb 2019 17:05

Tgt Ion:180 Resp: 91765

Ion	Ratio	Lower	Upper
180	100		
182	98.1	49.0	147.2
145	33.6	15.4	46.1