Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050919\
Data File : VF062403.D
Acq On : 9 May 2019 18:42
Operator : FY/SY
Sample : K2641-05
Misc : 5.97g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-C

Quant Time: May 10 01:54:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	79925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	77913	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	51629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	20344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	35385	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.70%			
35) Dibromofluoromethane	4.31	113	40496	65.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 130.48%			
50) Toluene-d8	7.71	98	65381	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.02%			
62) 4-Bromofluorobenzene	11.48	95	23636	34.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.74%			
Target Compounds						Qvalue
5) Bromomethane	1.44	94	287	Below Cal		98
11) Tert butyl alcohol	2.70	59	312	7.309	ug/l #	46
14) Allyl chloride	2.18	41	682	1.260	ug/l #	84
15) Acrylonitrile	3.07	53	235	2.906	ug/l #	55
16) Acetone	2.35	43	5004	32.749	ug/l #	92
18) Methyl Acetate	2.47	43	1905	3.952	ug/l #	82
20) Methylene Chloride	2.31	84	5602	10.134	ug/l #	67
23) Vinyl Acetate	3.31	43	898	1.191	ug/l #	37
25) 2-Butanone	4.49	43	942	4.907	ug/l #	60
29) Tetrahydrofuran	4.26	42	594	6.733	ug/l #	65
37) Ethyl Acetate	4.32	43	209	Below Cal #		12
38) Carbon Tetrachloride	4.28	117	73	Below Cal #		14
41) Methacrylonitrile	4.89	41	483	3.010	ug/l #	18
43) Isopropyl Acetate	7.12	43	678	2.227	ug/l #	47
48) Methyl methacrylate	6.89	41	560	2.603	ug/l #	72
49) 1,4-Dioxane	6.87	88	66	16.983	ug/l #	1
52) Toluene	7.77	92	1839	2.023	ug/l	94
59) 2-Hexanone	9.63	43	1036	6.494	ug/l #	46
74) N-amyl acetate	11.42	43	756	2.920	ug/l #	47
81) trans-1,4-Dichloro-2-buten	11.96	75	63	1.163	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.69	75	104	2.458	ug/l #	17
95) Naphthalene	14.49	128	2073	2.747	ug/l #	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050919\
Data File : VF062403.D
Acq On : 9 May 2019 18:42
Operator : FY/SY
Sample : K2641-05
Misc : 5.97g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
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CL-02-050719-C

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
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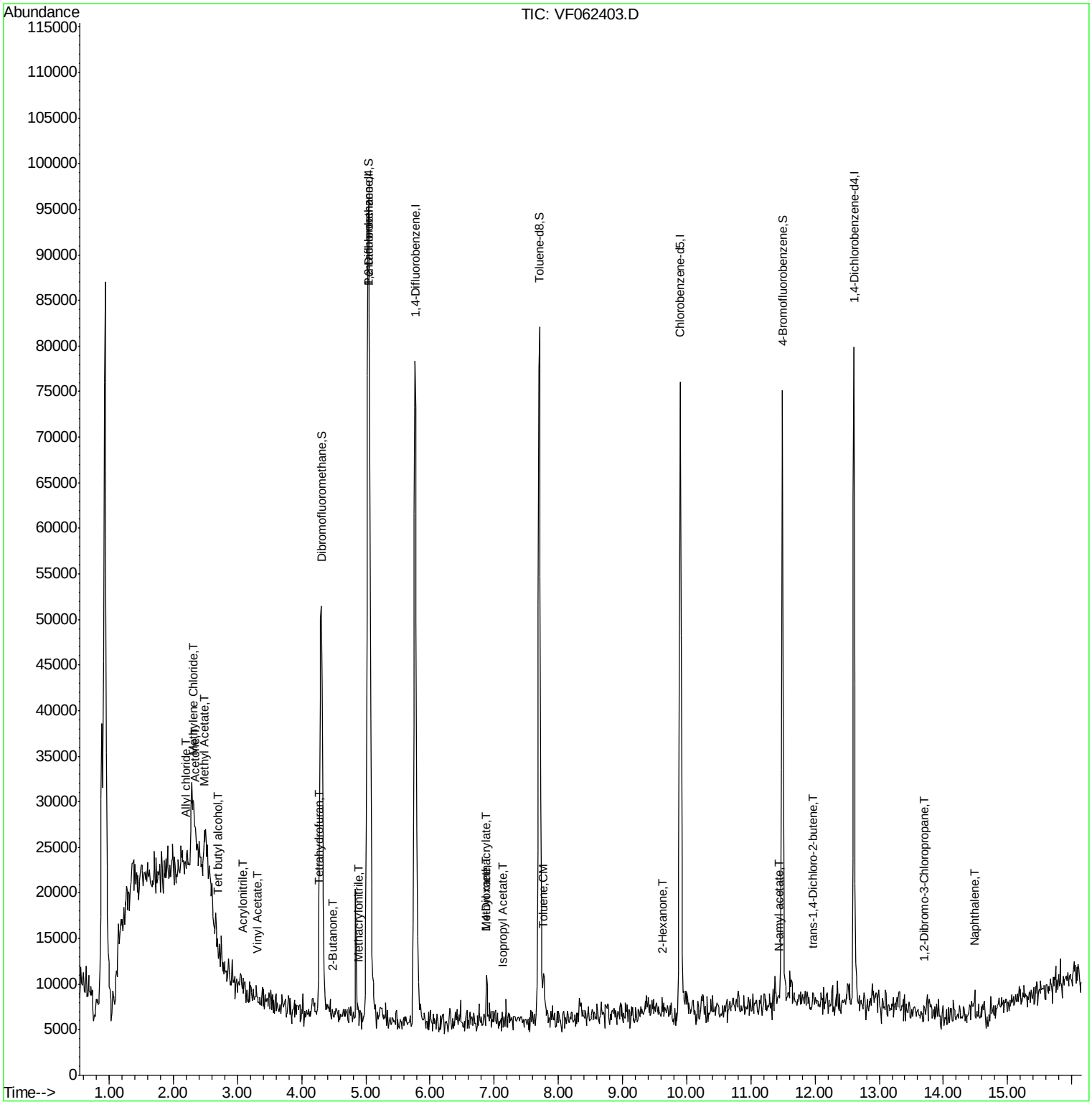
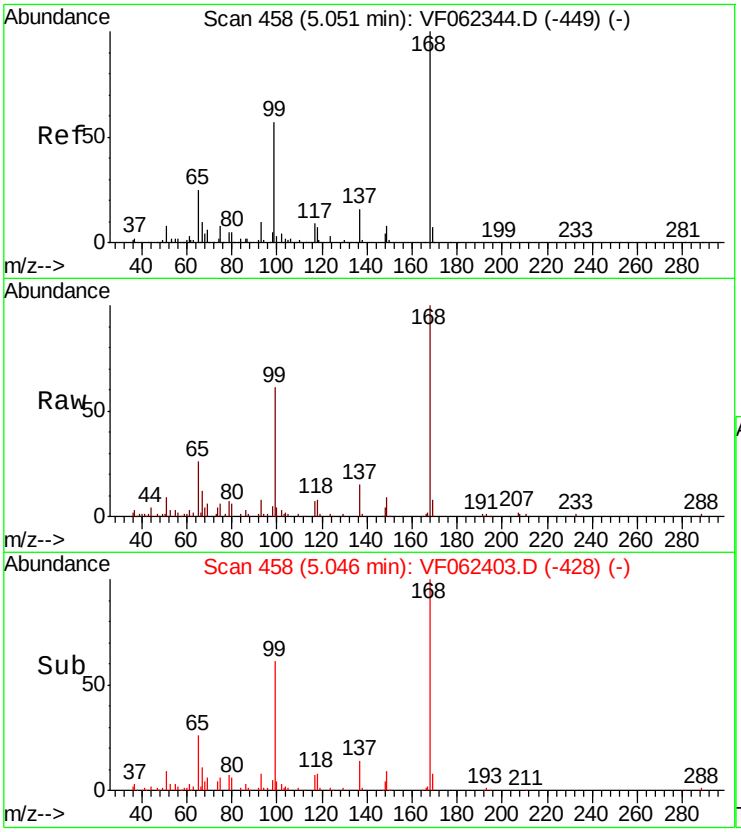


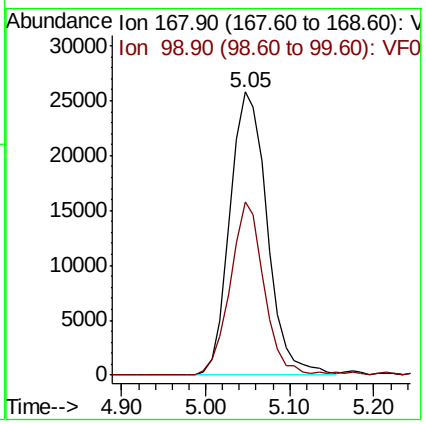


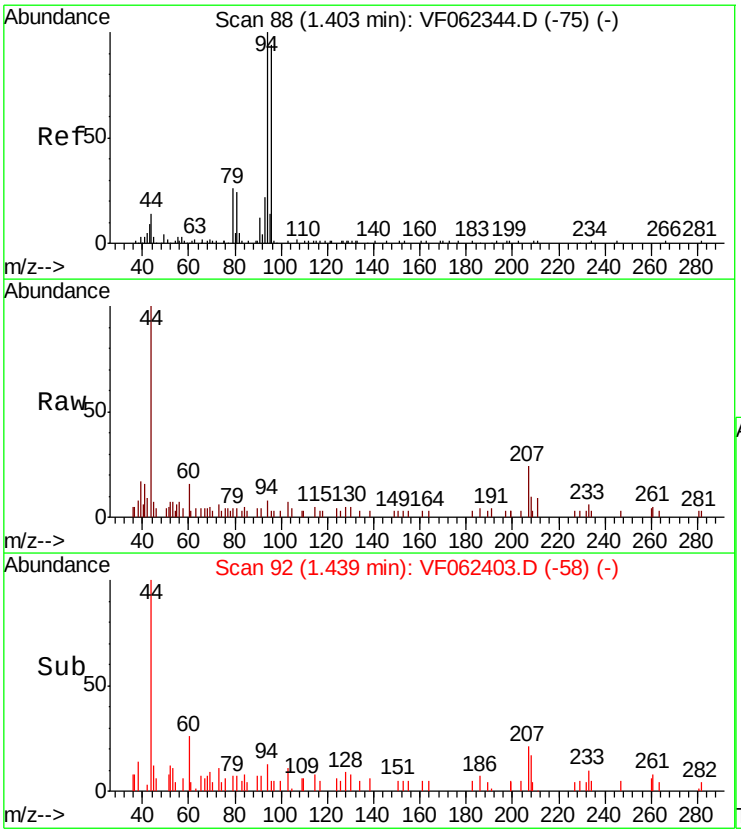
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.00 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion:168 Resp: 79925

Ion	Ratio	Lower	Upper
168	100		
99	61.1	45.9	68.9

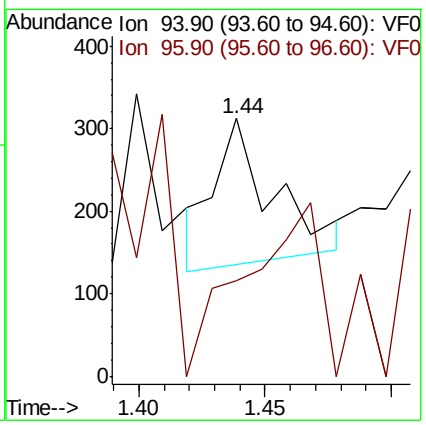


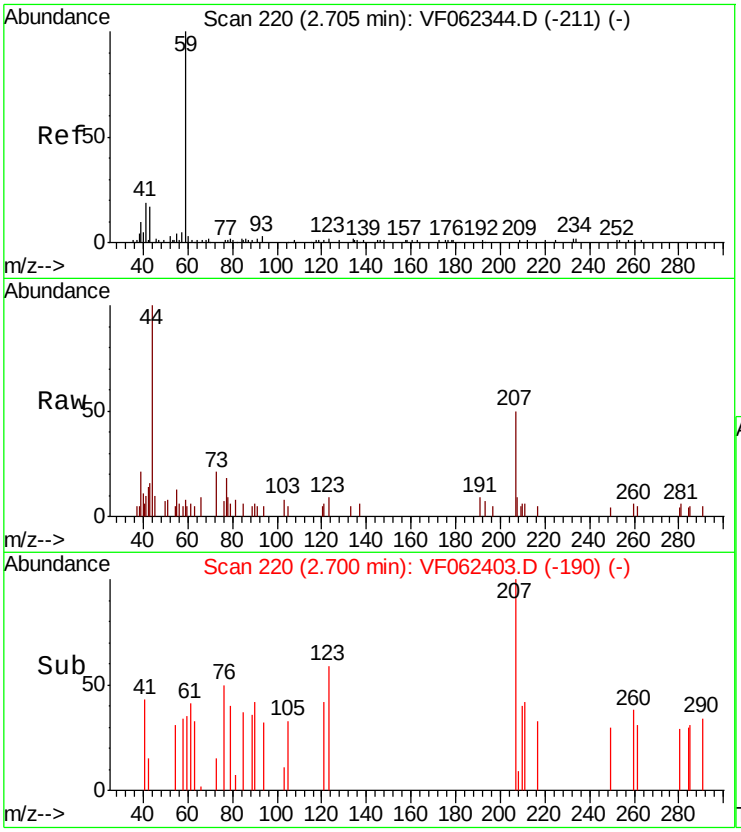


#5
Bromomethane
Concen: Below Cal
RT: 1.44 min Scan# 92
Delta R.T. 0.04 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 94 Resp: 287

Ion	Ratio	Lower	Upper
94	100		
96	92.7	75.4	113.2



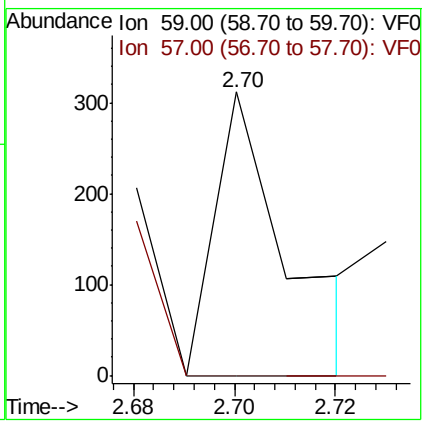


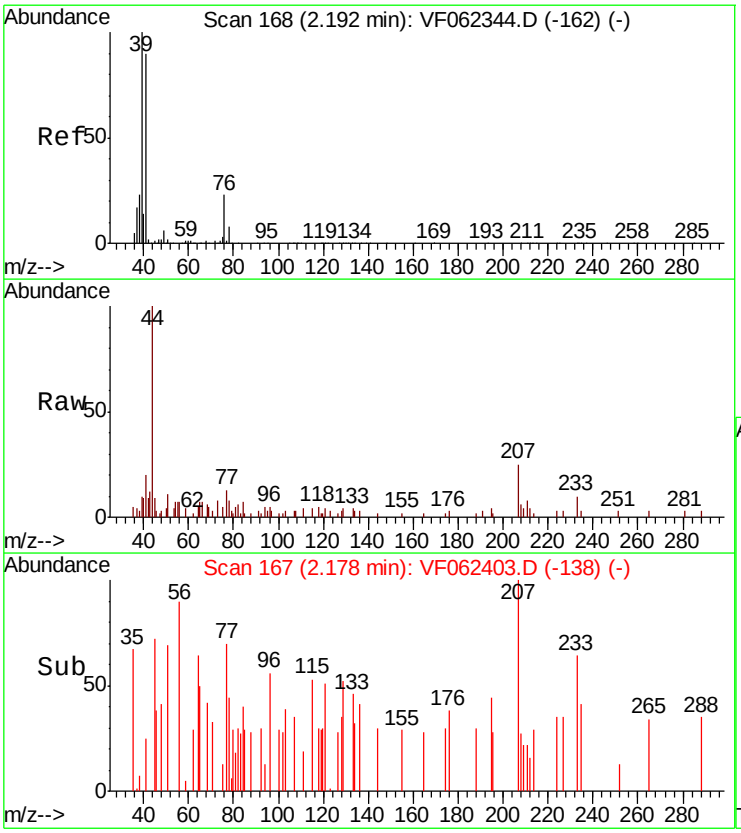
#11
Tert butyl alcohol
Concen: 7.309 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.00 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 59 Resp: 312

Ion	Ratio	Lower	Upper
59	100		
57	32.4	9.3	13.9#

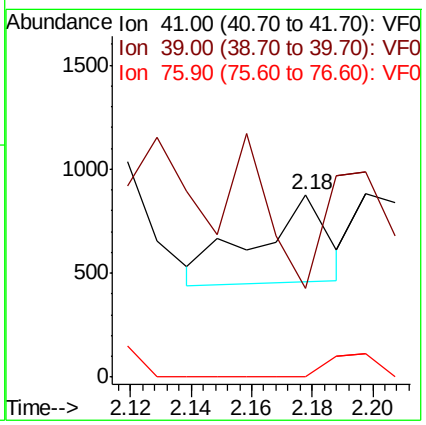


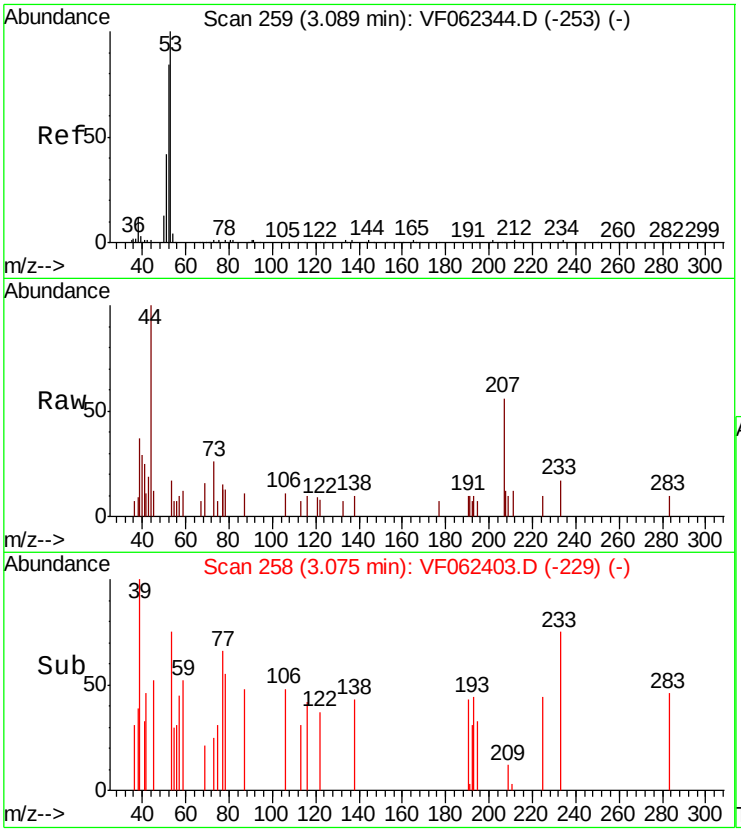


#14
Allyl chloride
Concen: 1.260 ug/l
RT: 2.18 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 41 Resp: 682

Ion	Ratio	Lower	Upper
41	100		
39	130.5	90.8	136.2
76	18.6	22.2	33.4#



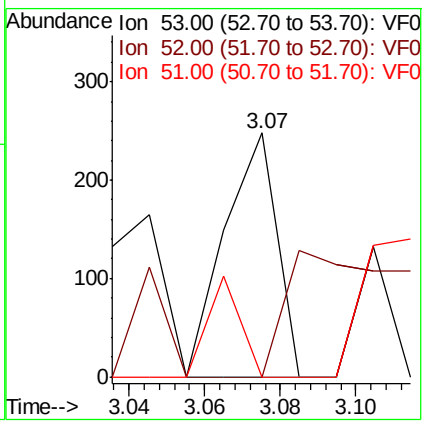


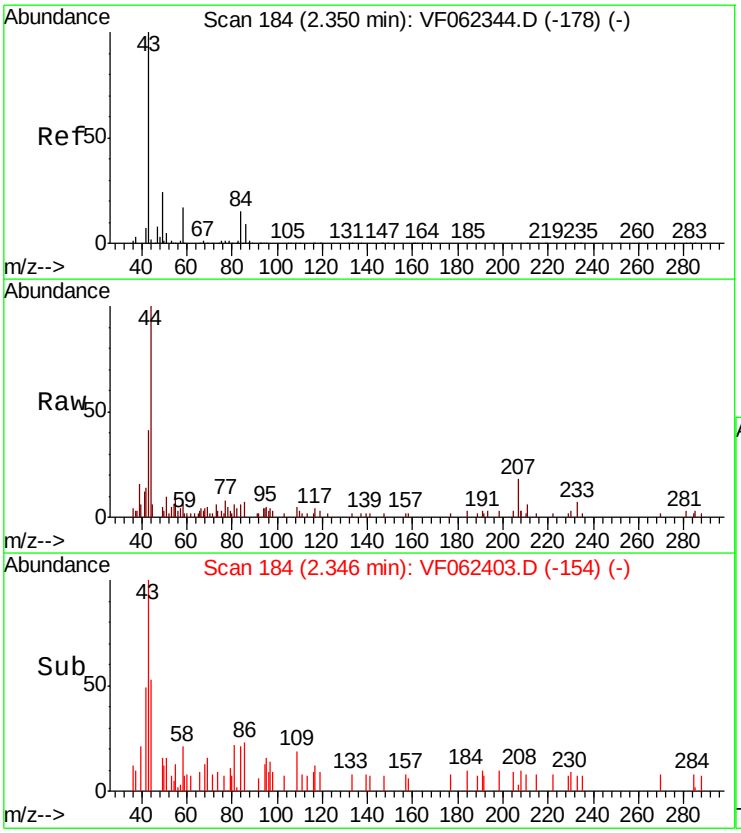
#15
Acrylonitrile
Concen: 2.906 ug/l
RT: 3.07 min Scan# 258
Delta R.T. -0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 53 Resp: 235

Ion	Ratio	Lower	Upper
53	100		
52	144.7	77.2	115.8#
51	26.0	40.6	61.0#

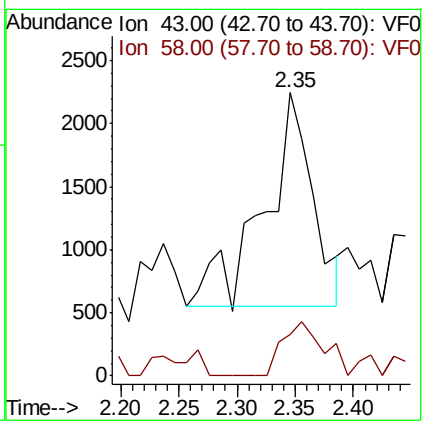


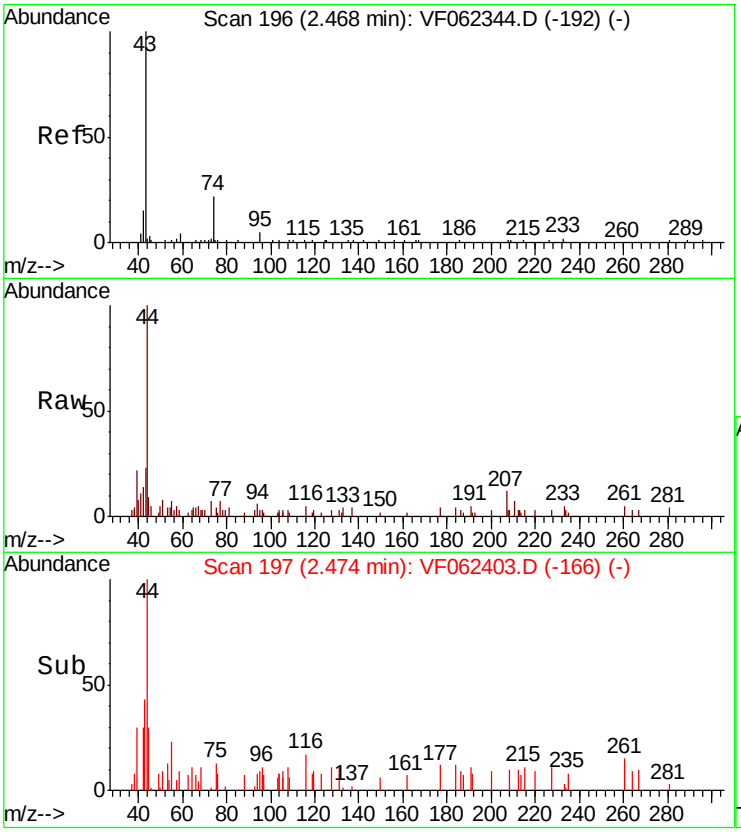


#16
Acetone
Concen: 32.749 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 43 Resp: 5004

Ion	Ratio	Lower	Upper
43	100		
58	13.0	13.1	19.7#



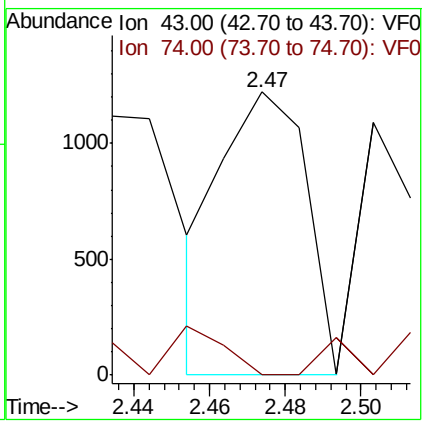


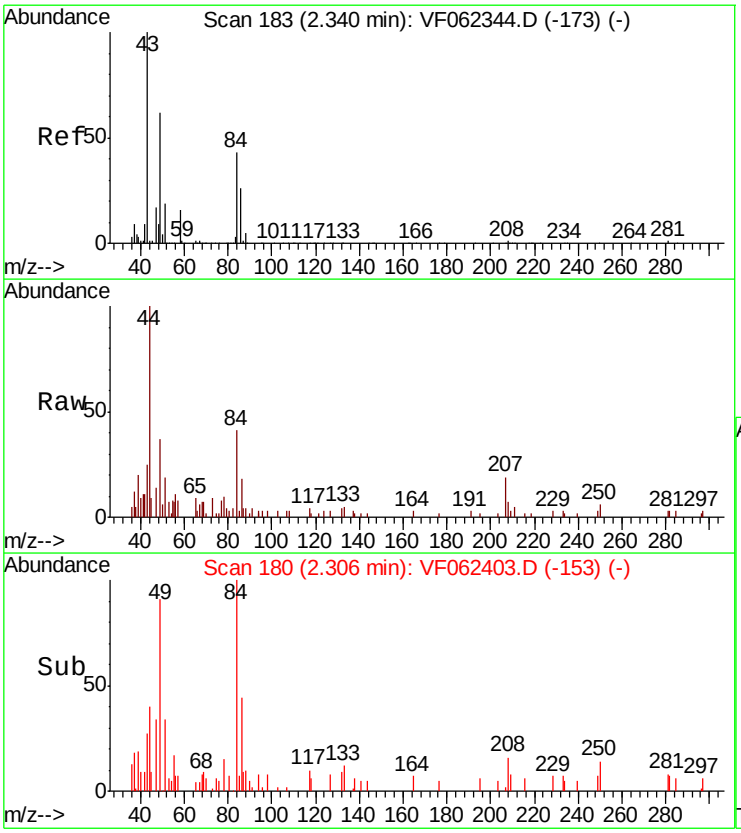
#18
Methyl Acetate
Concen: 3.952 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 43 Resp: 1905

Ion	Ratio	Lower	Upper
43	100		
74	10.7	15.0	22.4#

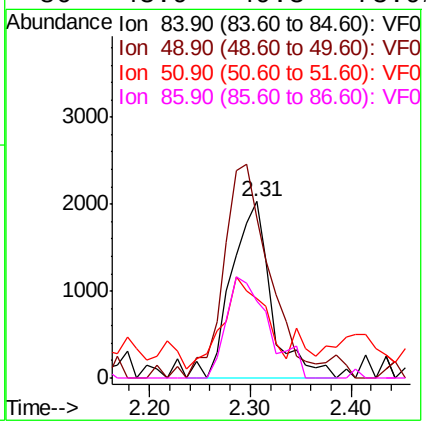


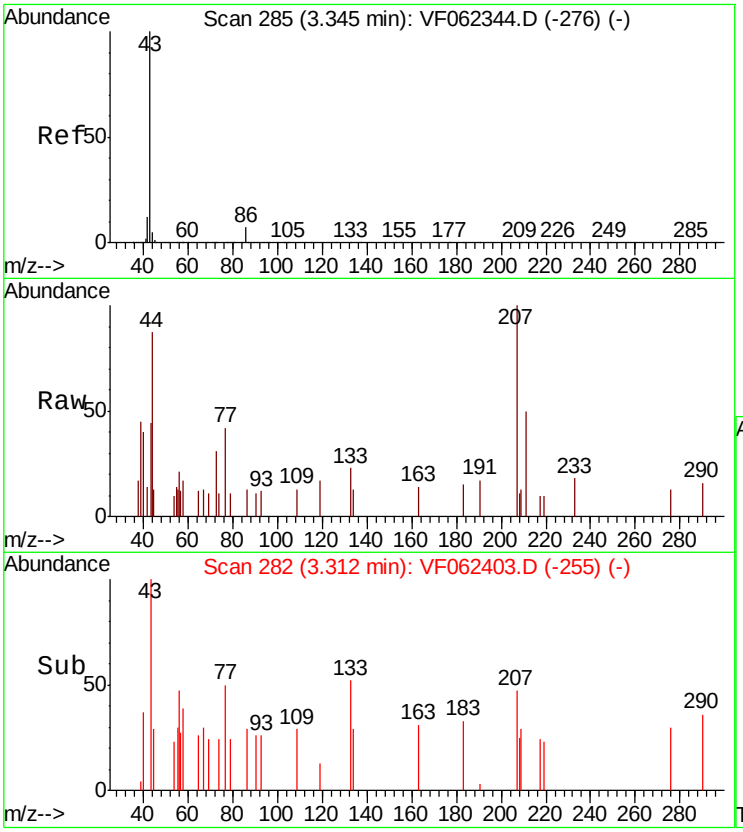


#20
Methylene Chloride
Concen: 10.134 ug/l
RT: 2.31 min Scan# 180
Delta R.T. -0.03 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 84 Resp: 5602

Ion	Ratio	Lower	Upper
84	100		
49	90.7	117.5	176.3#
51	39.7	37.0	55.4
86	43.9	49.3	73.9#



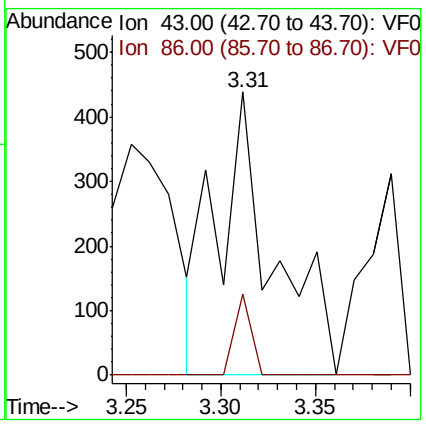


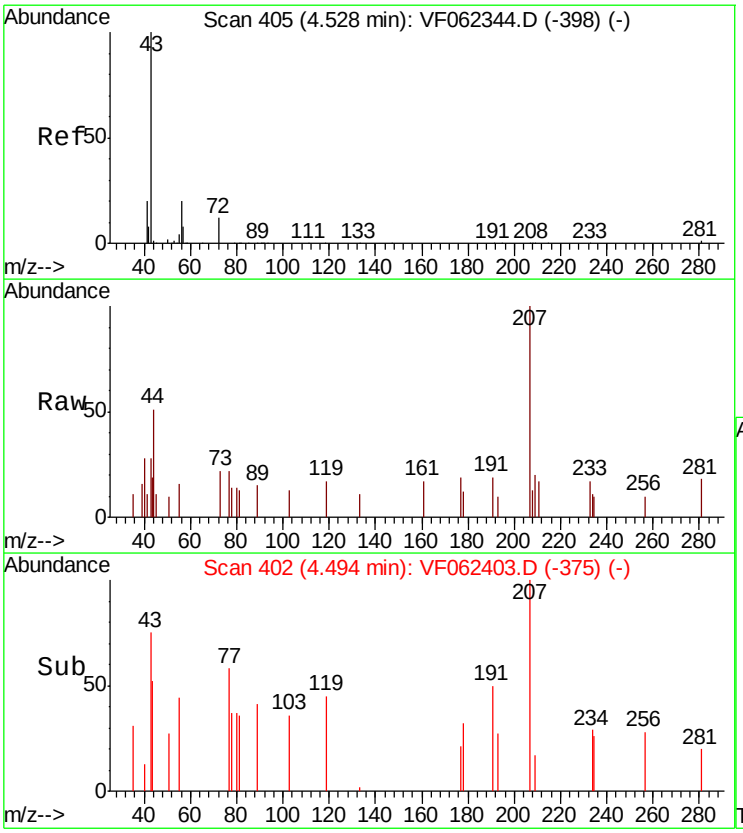
#23
Vinyl Acetate
Concen: 1.191 ug/l
RT: 3.31 min Scan# 282
Delta R.T. -0.03 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 43 Resp: 898

Ion	Ratio	Lower	Upper
43	100		
86	28.8	5.7	8.5#

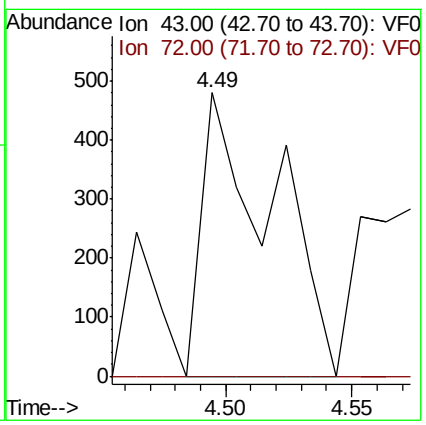


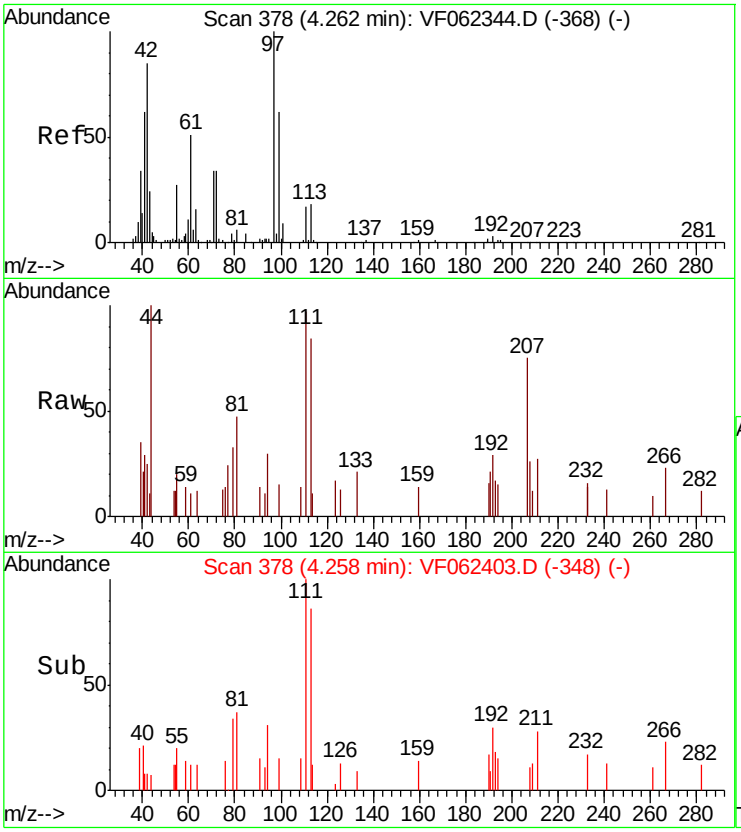


#25
2-Butanone
Concen: 4.907 ug/l
RT: 4.49 min Scan# 402
Delta R.T. -0.03 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 43 Resp: 942

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



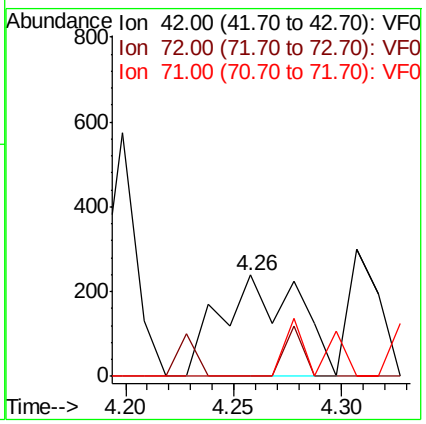


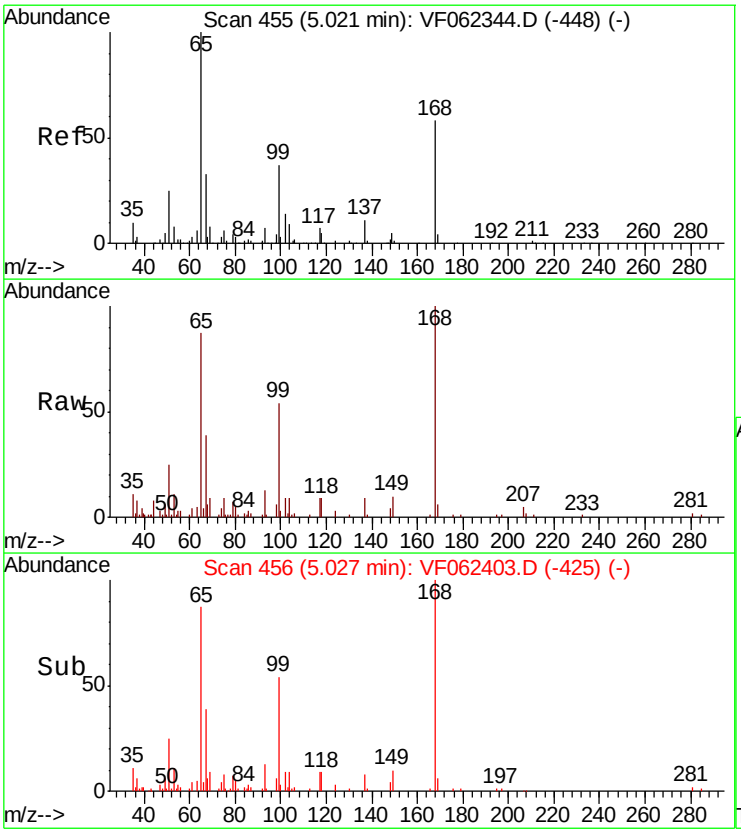
#29
Tetrahydrofuran
Concen: 6.733 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.00 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 42 Resp: 594

Ion	Ratio	Lower	Upper
42	100		
72	11.8	31.4	47.0#
71	24.2	31.7	47.5#

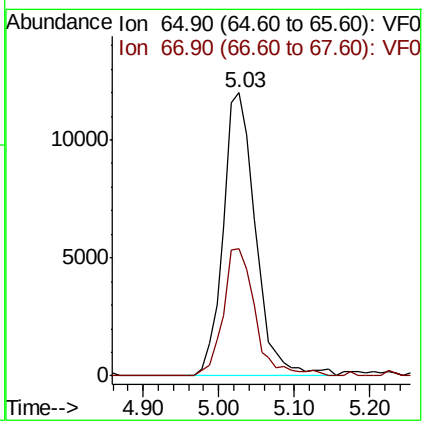


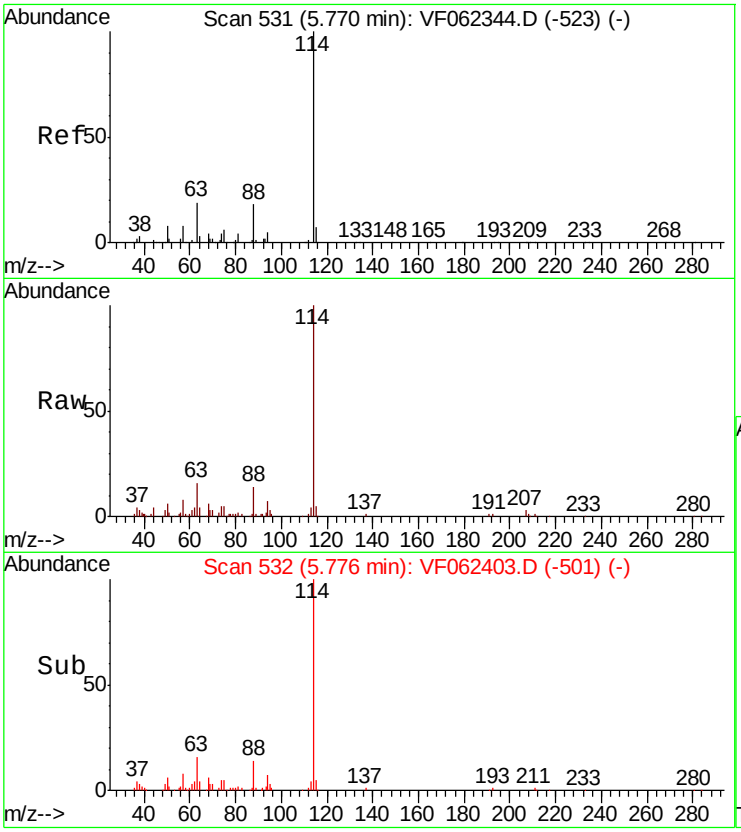


#33
1,2-Dichloroethane-d4
Concen: 46.847 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 65 Resp: 35385

Ion	Ratio	Lower	Upper
65	100		
67	43.3	0.0	85.8



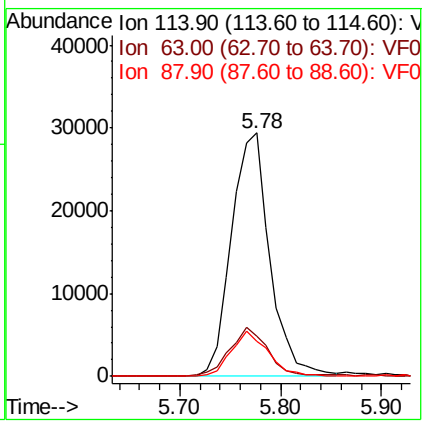


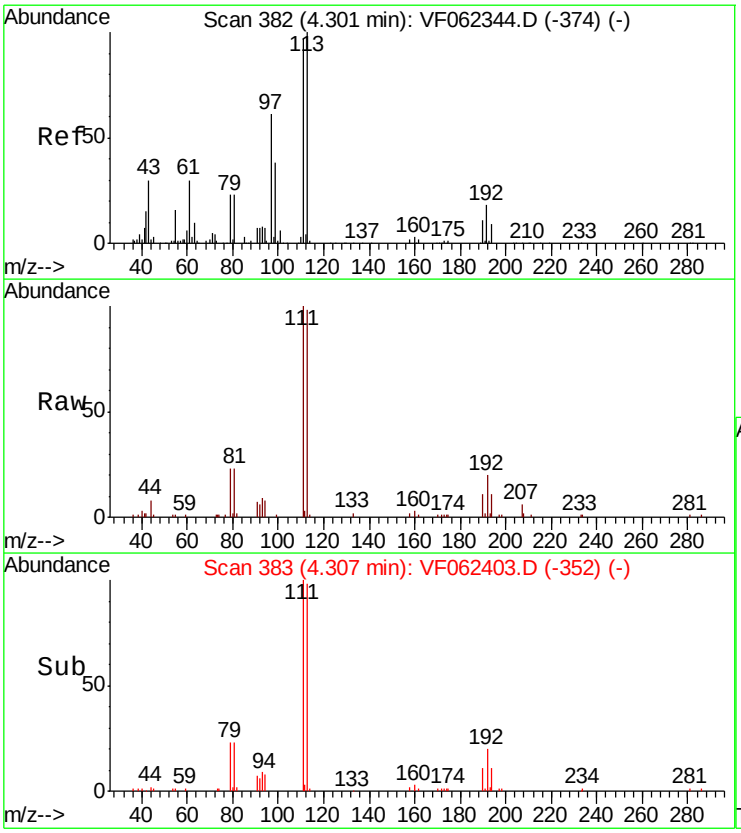
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion:114 Resp: 77913

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	37.4
88	14.1	0.0	36.4

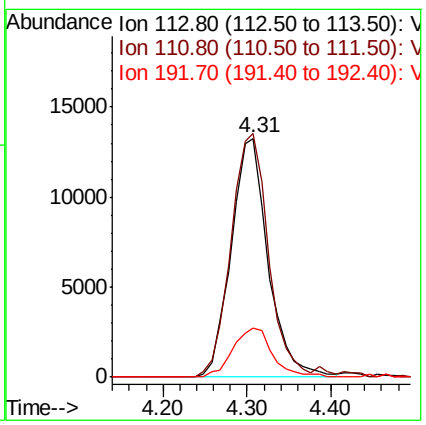


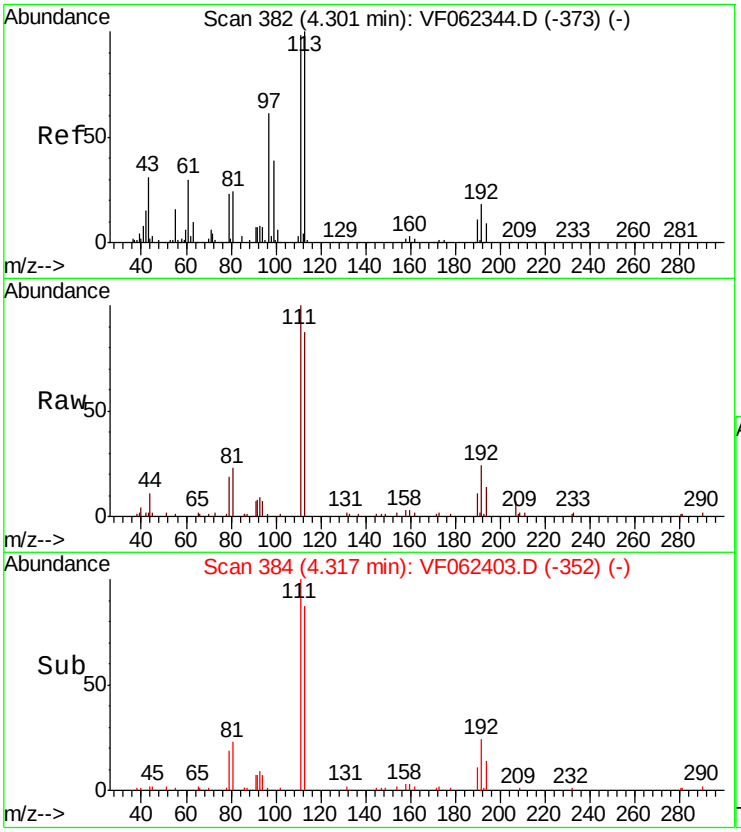


#35
Dibromofluoromethane
Concen: 65.240 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion:113 Resp: 40496

Ion	Ratio	Lower	Upper
113	100		
111	103.2	79.4	119.0
192	21.9	16.0	24.0



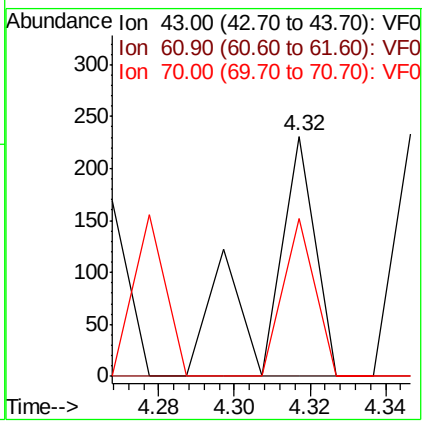


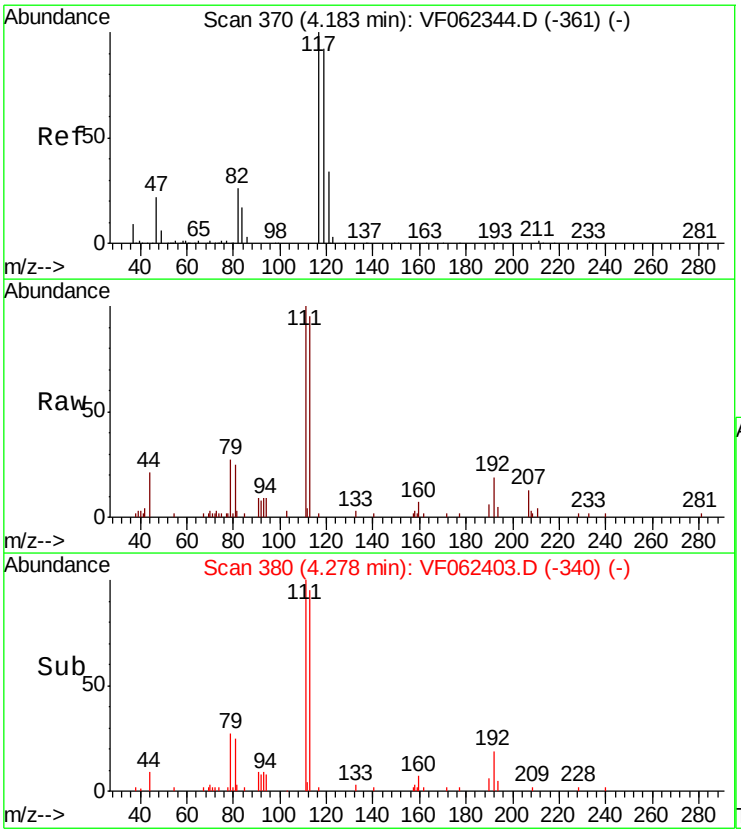
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-C

Tgt Ion: 43 Resp: 209

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	43.1	8.2	12.2#

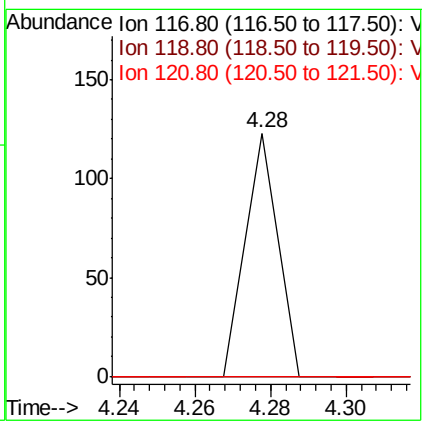


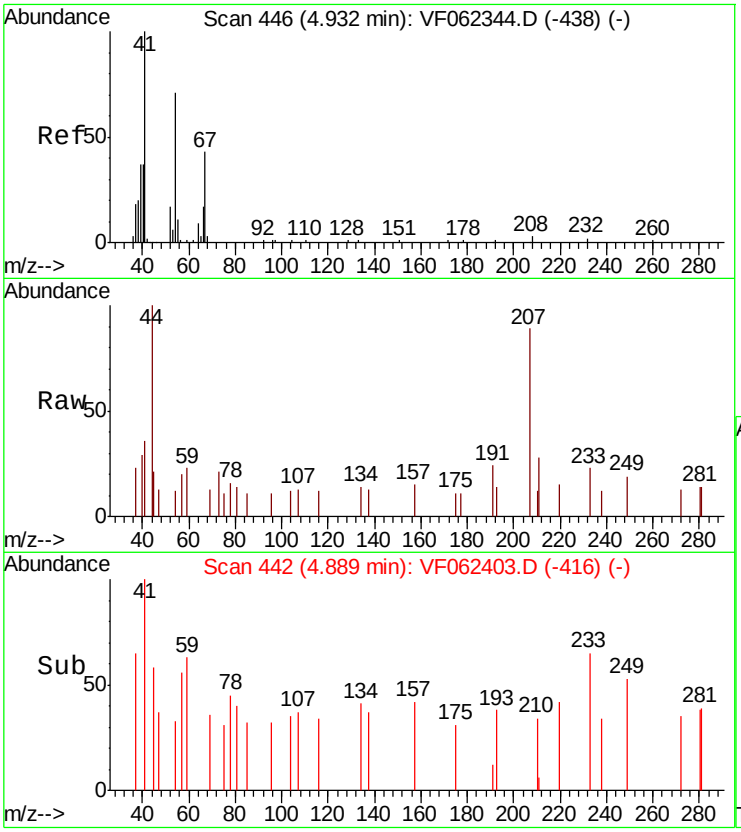


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.28 min Scan# 380
Delta R.T. 0.09 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion:117 Resp: 73

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.4	110.2#
121	0.0	27.4	41.0#



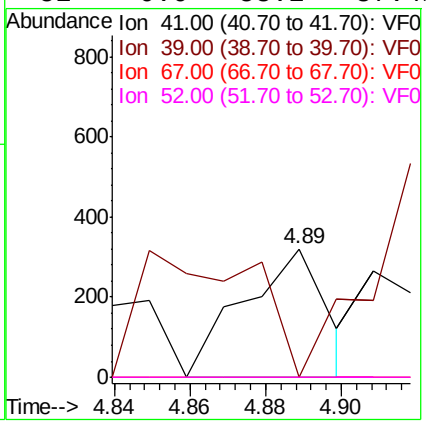


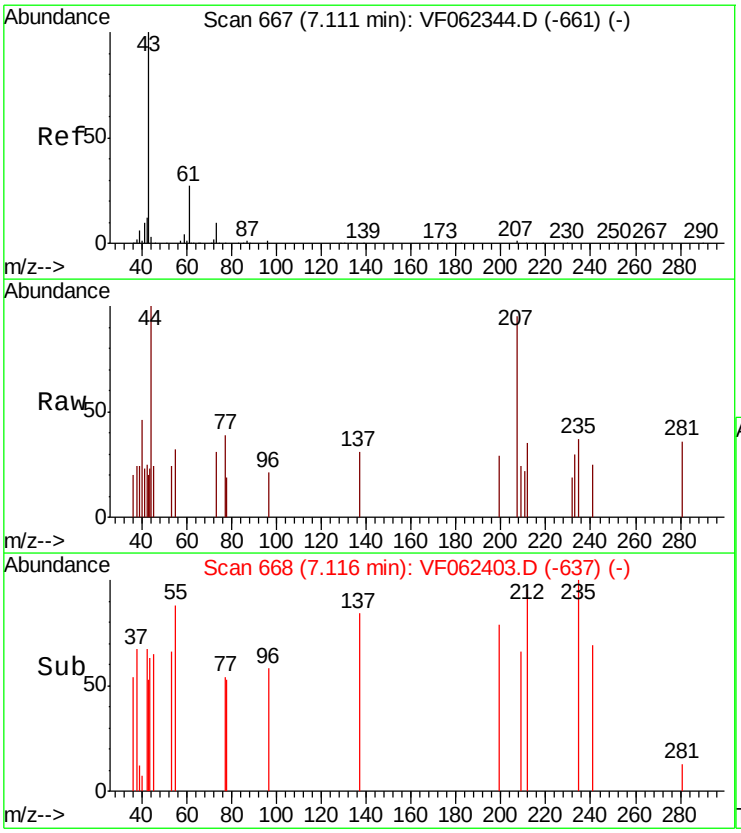
#41
Methacrylonitrile
Concen: 3.010 ug/l
RT: 4.89 min Scan# 442
Delta R.T. -0.04 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-C

Tgt Ion: 41 Resp: 483

Ion	Ratio	Lower	Upper
41	100		
39	0.0	54.3	81.5#
67	0.0	37.8	56.8#
52	0.0	58.2	87.4#

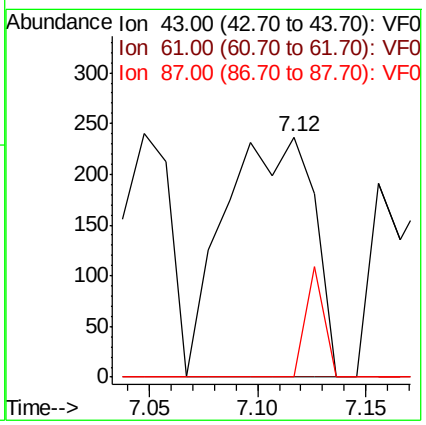


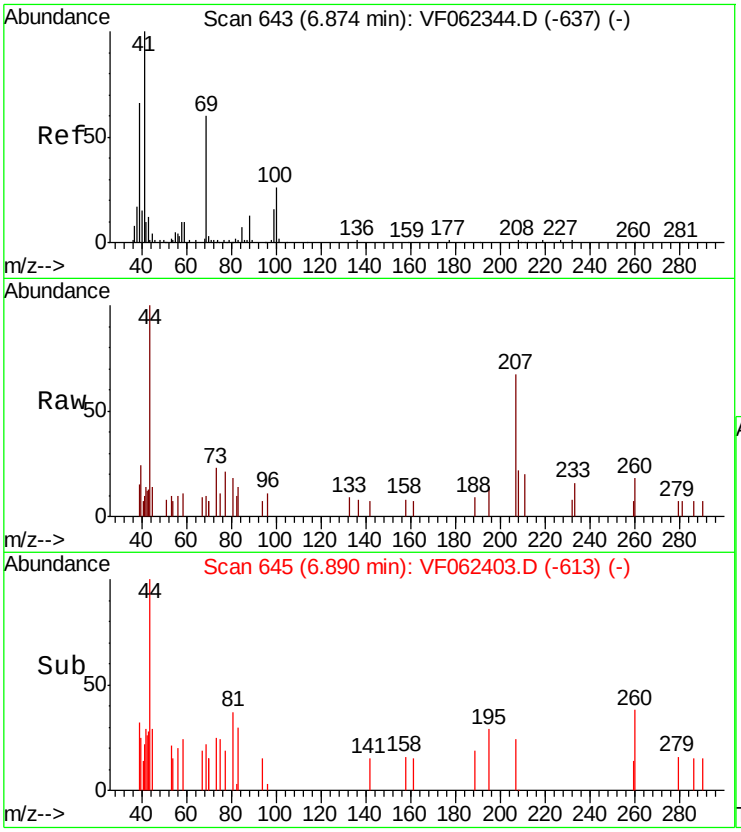


#43
Isopropyl Acetate
Concen: 2.227 ug/l
RT: 7.12 min Scan# 668
Delta R.T. 0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 43 Resp: 678

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.8	34.2#
87	9.4	0.6	1.0#



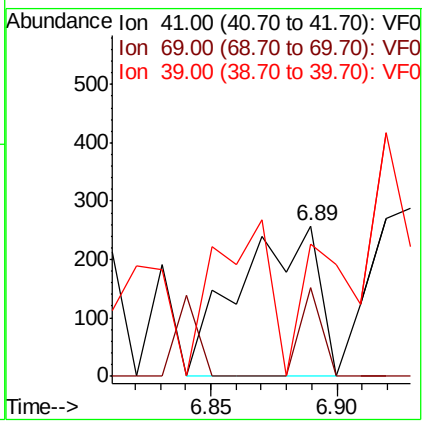


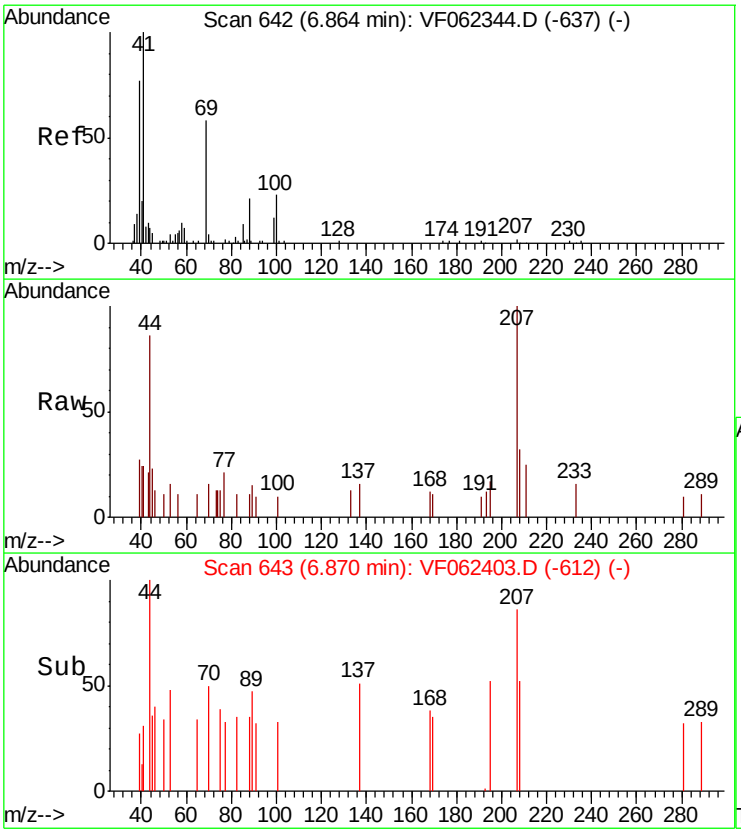
#48
Methyl methacrylate
Concen: 2.603 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.02 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 41 Resp: 560

Ion	Ratio	Lower	Upper
41	100		
69	16.1	48.6	72.8#
39	72.0	56.1	84.1

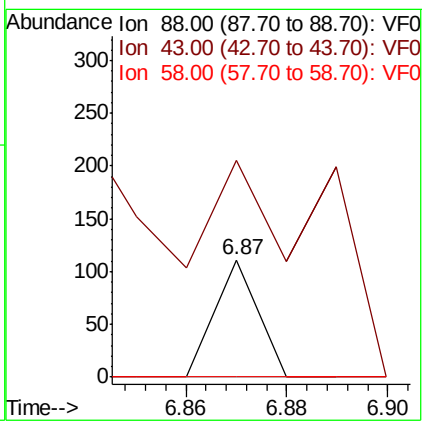


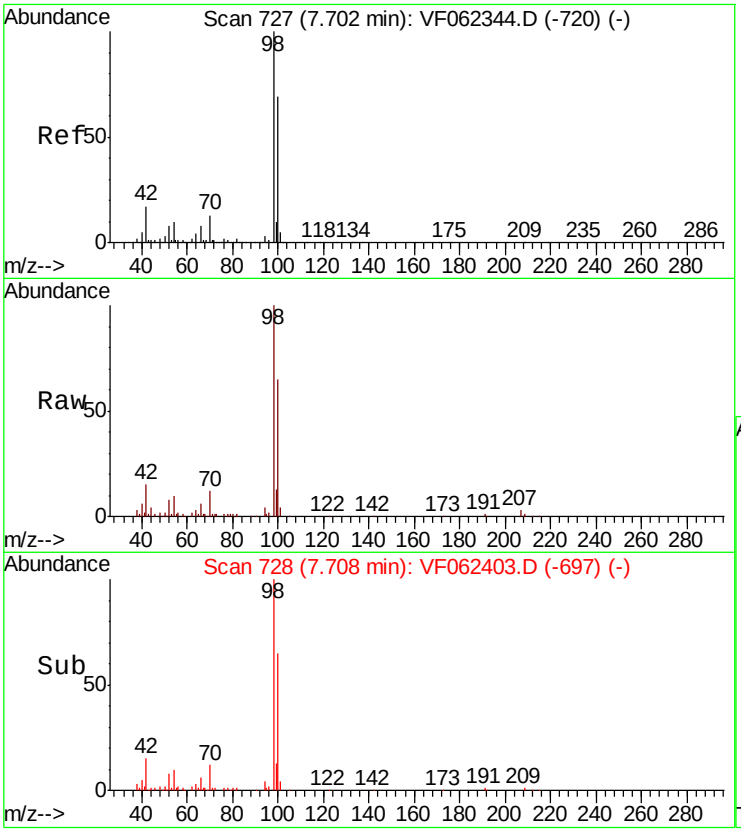


#49
1,4-Dioxane
Concen: 16.983 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	459.1	55.6	83.4#
58	0.0	52.8	79.2#



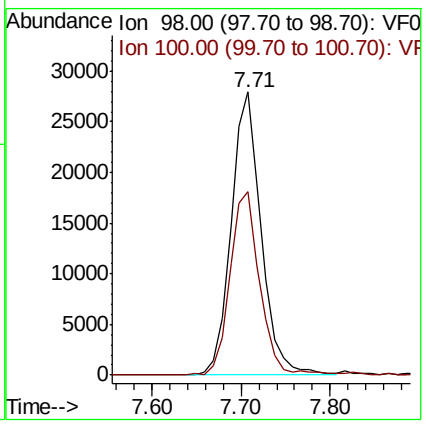


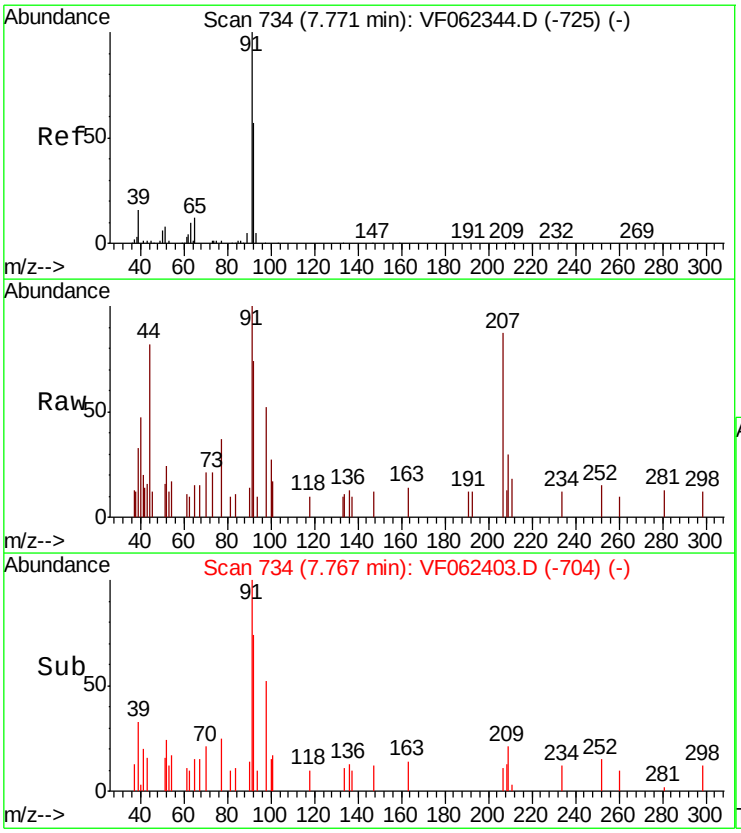
#50
Toluene-d8
Concen: 43.513 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 98 Resp: 65381

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.3	79.9

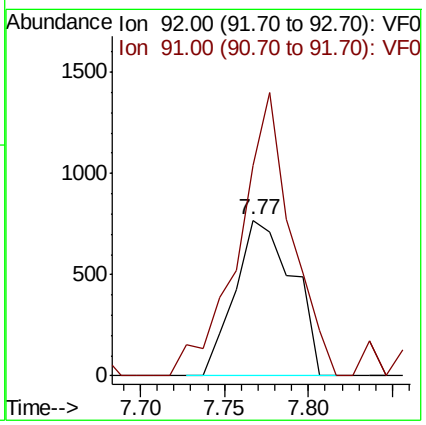


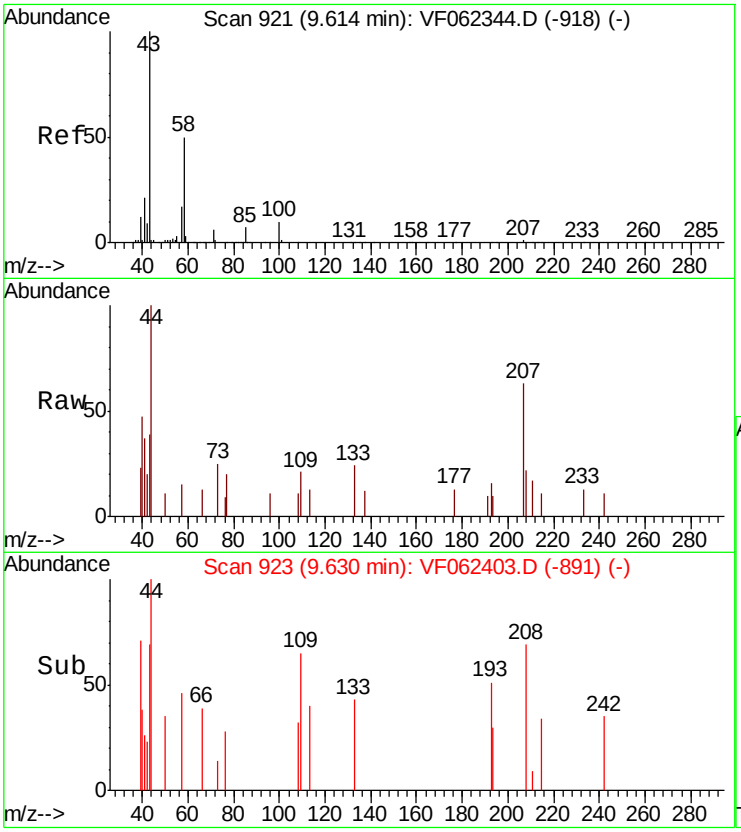


#52
Toluene
Concen: 2.023 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.00 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 92 Resp: 1839

Ion	Ratio	Lower	Upper
92	100		
91	165.3	138.7	208.1



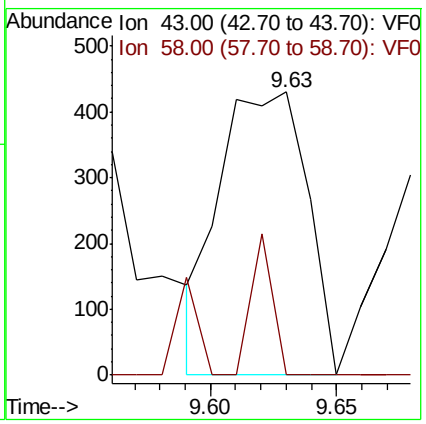


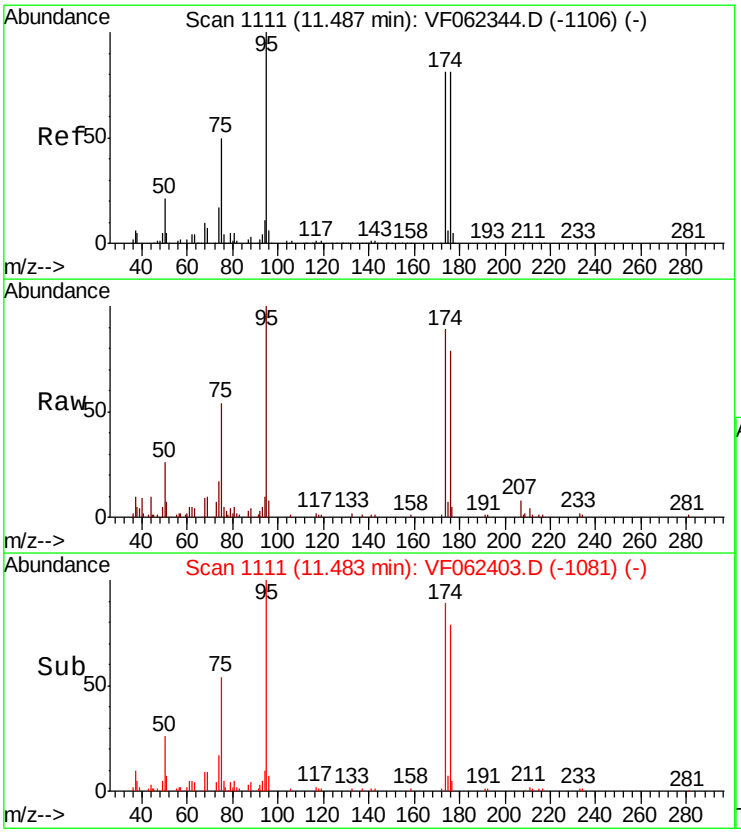
#59
2-Hexanone
Concen: 6.494 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 43 Resp: 1036

Ion	Ratio	Lower	Upper
43	100		
58	12.3	24.3	73.0#

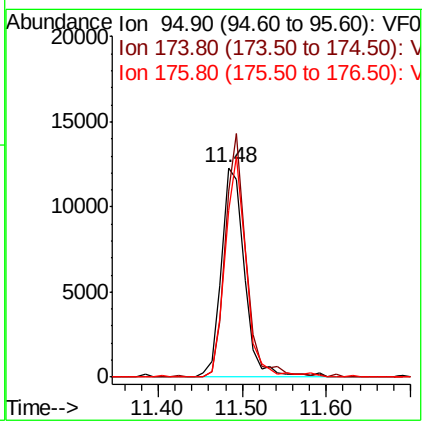


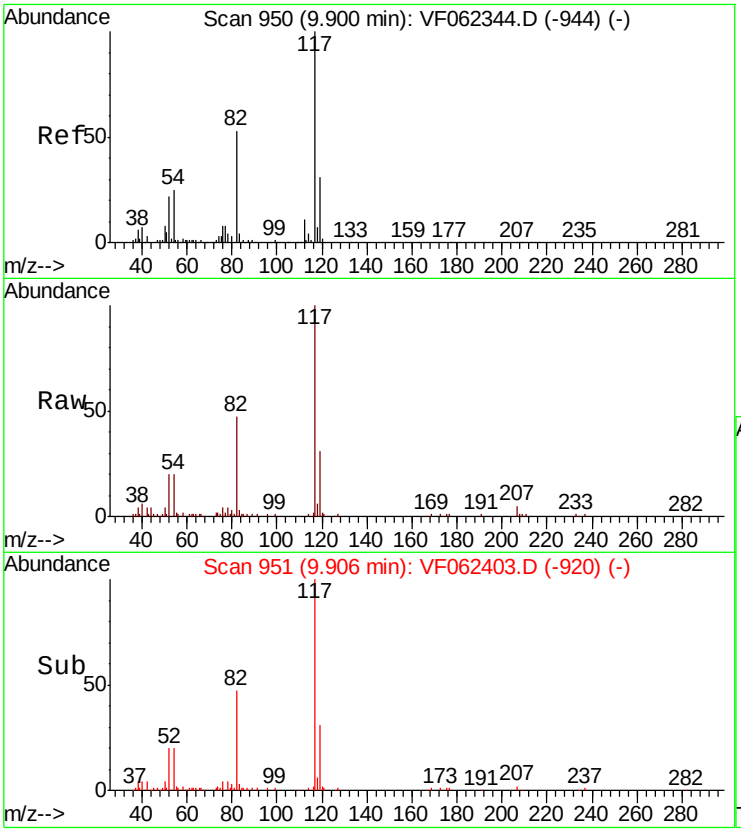


#62
4-Bromofluorobenzene
Concen: 34.867 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 95 Resp: 23636

Ion	Ratio	Lower	Upper
95	100		
174	104.1	0.0	191.8
176	95.4	0.0	193.2



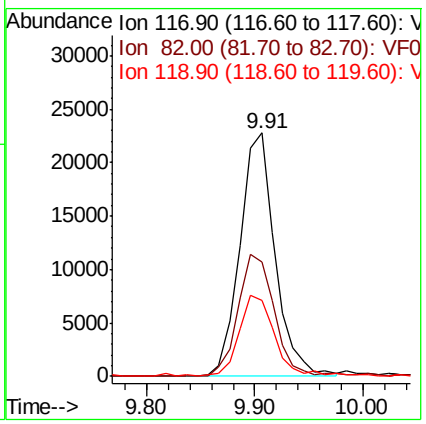


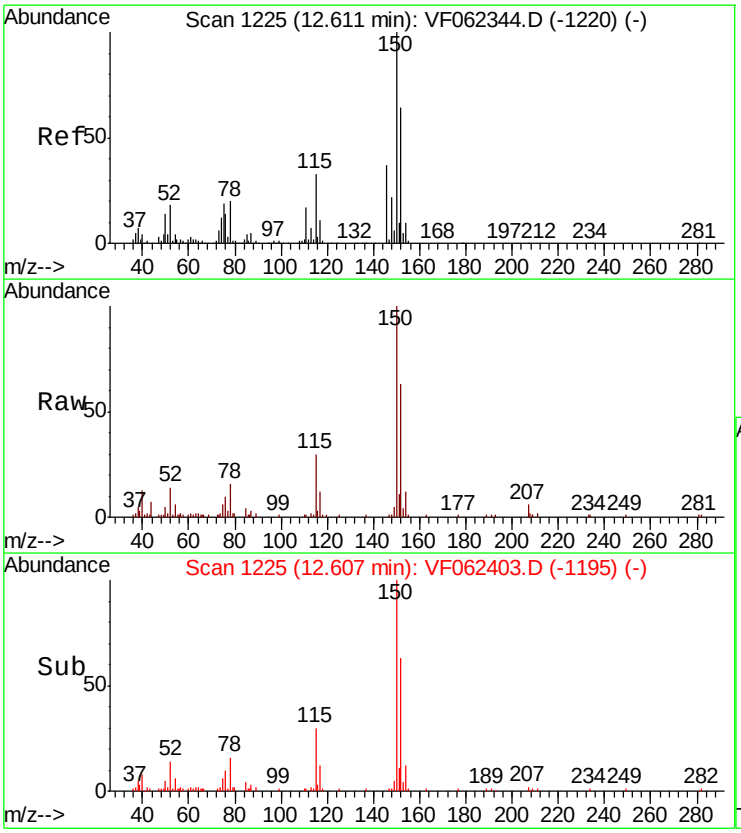
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument : MSVOA_F
ClientSampleId : CL-02-050719-C

Tgt Ion:117 Resp: 51629

Ion	Ratio	Lower	Upper
117	100		
82	46.8	42.2	63.2
119	30.8	25.0	37.4

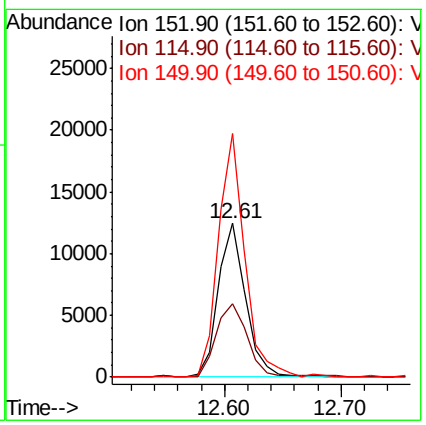


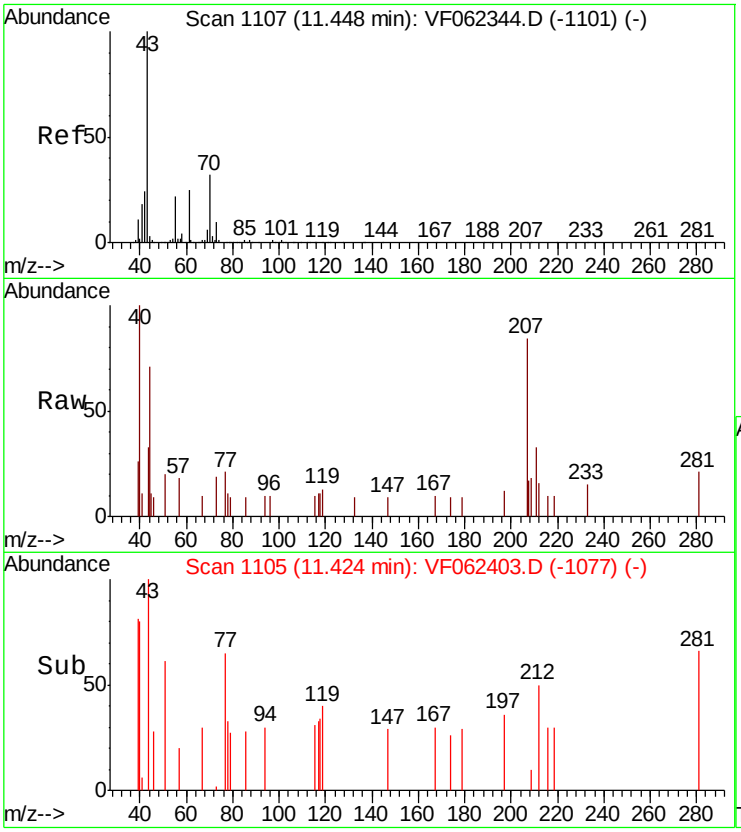


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion:152 Resp: 20344

Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.4	79.2
150	152.4	0.0	335.0



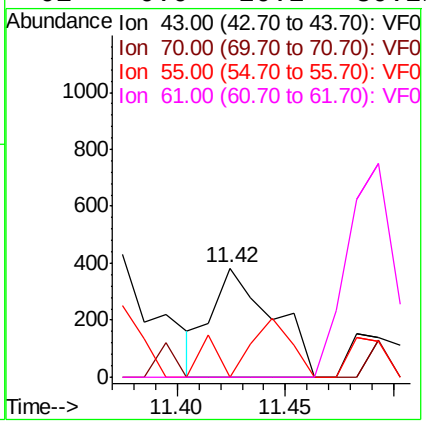


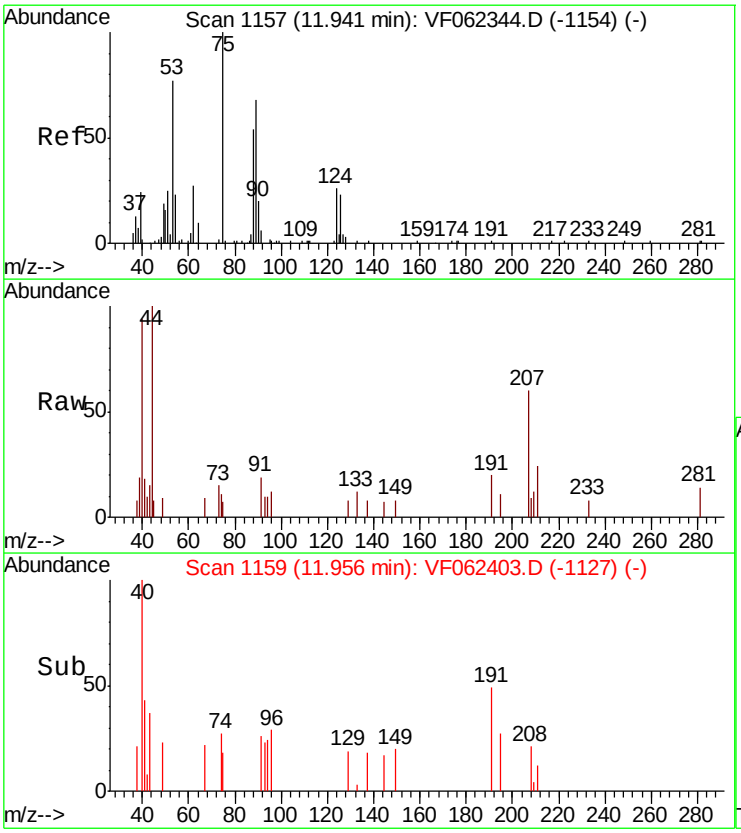
#74
N-amyl acetate
Concen: 2.920 ug/l
RT: 11.42 min Scan# 1105
Delta R.T. -0.02 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 43 Resp: 756

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.5	39.7#
55	45.6	17.8	26.6#
61	0.0	20.2	30.2#

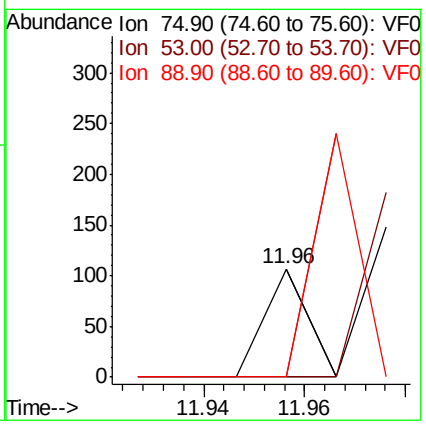


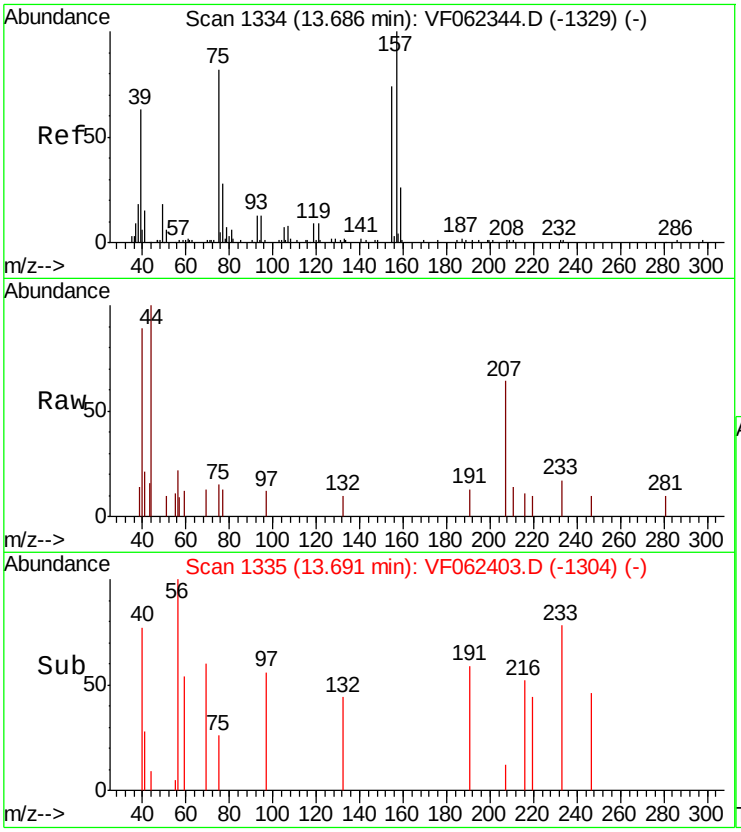


#81
trans-1,4-Dichloro-2-butene
Concen: 1.163 ug/l
RT: 11.96 min Scan# 1159
Delta R.T. 0.02 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
53	268.3	71.9	107.9#
89	225.4	0.0	0.0#



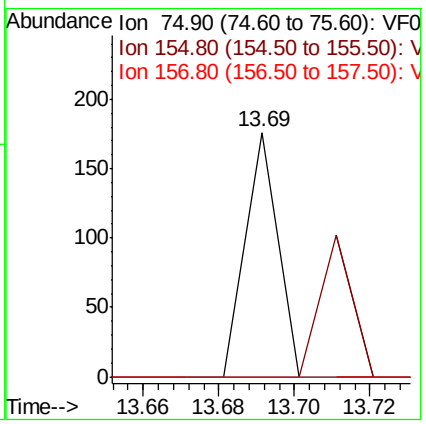


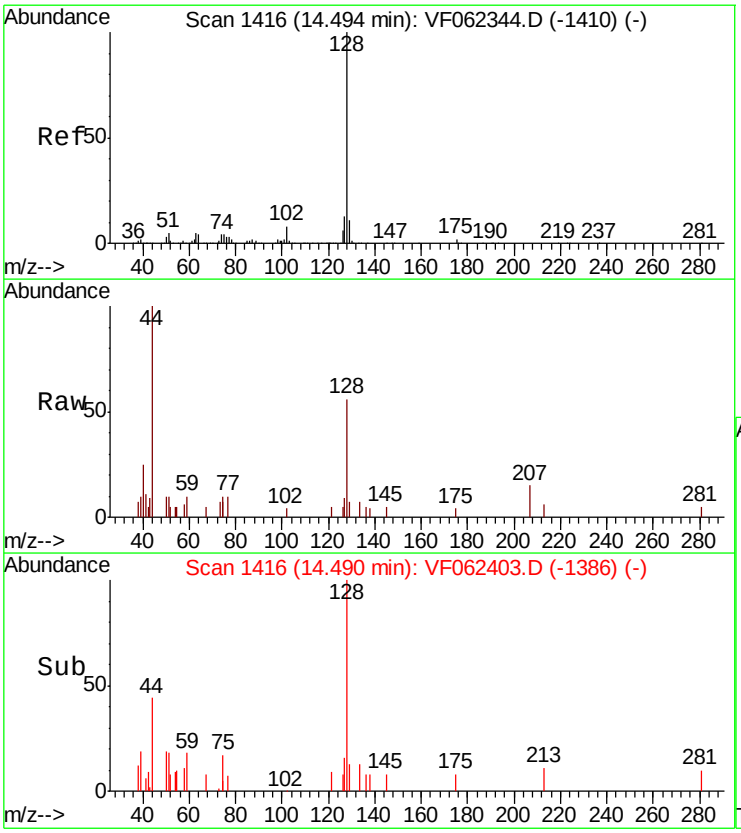
#92
1,2-Dibromo-3-Chloropropane
Concen: 2.458 ug/l
RT: 13.69 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Instrument :
MSVOA_F
ClientSampleId :
CL-02-050719-C

Tgt Ion: 75 Resp: 104

Ion	Ratio	Lower	Upper
75	100		
155	57.7	51.8	155.4
157	0.0	67.3	201.8#





#95
Naphthalene
Concen: 2.747 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VF062403.D
Acq: 9 May 2019 18:42

Tgt Ion:128 Resp: 2073

Ion	Ratio	Lower	Upper
128	100		
127	9.9	10.5	15.7#
129	13.6	8.6	12.8#