Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
Data File : VF061942.D
Acq On : 14 Mar 2019 16:54
Operator : VA/AP
Sample : K1922-01
Misc : 6.53g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Quant Time: Mar 15 01:17:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	270	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	565	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	166	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.39	152	66	50.00	ug/l	-0.16
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.90	65	61	31.02	ug/l	0.05
Spiked Amount 50.000			Recovery = 62.04%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	7.54	98	530	45.22	ug/l	-0.03
Spiked Amount 50.000			Recovery = 90.44%			
62) 4-Bromofluorobenzene	11.41	95	112	24.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 48.80%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	306	95.252	ug/l #	45
4) Vinyl Chloride	1.24	62	87	28.528	ug/l #	1
5) Bromomethane	1.33	94	496	238.651	ug/l #	3
6) Chloroethane	1.49	64	62	42.770	ug/l #	1
8) Diethyl Ether	1.65	74	67	79.104	ug/l	54
9) 1,1,2-Trichlorotrifluoroet	1.91	101	62	24.512	ug/l #	21
10) Methyl Iodide	1.97	142	67	13.920	ug/l #	1
11) Tert butyl alcohol	2.58	59	86	770.586	ug/l #	1
12) 1,1-Dichloroethene	1.78	96	237	102.635	ug/l #	1
13) Acrolein	2.04	56	451	3189.217	ug/l	86
14) Allyl chloride	2.05	41	776	305.041	ug/l #	74
15) Acrylonitrile	2.96	53	632	1778.407	ug/l #	5
16) Acetone	2.25	43	1369	3323.822	ug/l #	88
17) Carbon Disulfide	1.87	76	86	11.965	ug/l #	1
18) Methyl Acetate	2.35	43	3692	904.194	ug/l #	62
19) Methyl tert-butyl Ether	2.43	73	218	55.807	ug/l #	1
20) Methylene Chloride	2.18	84	110	47.855	ug/l #	10
21) trans-1,2-Dichloroethene	2.32	96	159	73.161	ug/l #	1
22) Diisopropyl ether	2.82	45	661	99.888	ug/l #	37
23) Vinyl Acetate	3.19	43	839	283.809	ug/l #	76
24) 1,1-Dichloroethane	2.89	63	78	19.720	ug/l #	85
25) 2-Butanone	4.31	43	1091	1302.233	ug/l #	56
26) 2,2-Dichloropropane	3.60	77	78	44.176	ug/l #	55
29) Tetrahydrofuran	4.05	42	172	476.040	ug/l #	33
31) Cyclohexane	3.71	56	445	107.416	ug/l #	15
32) 1,1,1-Trichloroethane	4.19	97	61	21.905	ug/l #	22
36) 1,1-Dichloropropene	4.19	75	66	12.366	ug/l #	41
37) Ethyl Acetate	4.16	43	300	133.920	ug/l #	20
39) Methylcyclohexane	5.46	83	2611	414.191	ug/l #	59
40) Benzene	4.63	78	144	10.322	ug/l #	51
41) Methacrylonitrile	4.74	41	260	211.839	ug/l #	46
43) Isopropyl Acetate	6.95	43	183	66.272	ug/l #	42
45) 1,2-Dichloropropane	6.25	63	61	18.388	ug/l #	45
46) Dibromomethane	6.07	93	62	29.696	ug/l #	2

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\
Data File : VF061942.D
Acq On : 14 Mar 2019 16:54
Operator : VA/AP
Sample : K1922-01
Misc : 6.53g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Quant Time: Mar 15 01:17:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Bromodichloromethane	6.42	83	91	19.729	ug/l	#	56
48) Methyl methacrylate	6.75	41	533	304.992	ug/l	#	18
51) 4-Methyl-2-Pentanone	8.28	43	2218	1162.189	ug/l	#	35
52) Toluene	7.61	92	70	8.482	ug/l		97
55) 1,1,2-Trichloroethane	8.37	97	252	105.979	ug/l	#	44
56) Ethyl methacrylate	8.62	69	1984	740.354	ug/l	#	82
57) 1,3-Dichloropropane	8.96	76	68	17.487	ug/l	#	43
59) 2-Hexanone	9.46	43	104	75.538	ug/l	#	22
68) m/p-Xylenes	10.18	106	75	37.037	ug/l	#	1
74) N-amyl acetate	11.41	43	211	201.714	ug/l	#	32
75) 1,1,2,2-Tetrachloroethane	11.79	83	70	92.693	ug/l	#	23
76) 1,2,3-Trichloropropane	11.69	75	72	139.693	ug/l	#	39
78) n-propylbenzene	11.71	91	88	17.150	ug/l	#	54
79) 2-Chlorotoluene	11.71	91	88	29.997	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.83	105	66	18.092	ug/l	#	24
81) trans-1,4-Dichloro-2-buten	12.00	75	92	390.354	ug/l	#	18
82) 4-Chlorotoluene	11.82	91	69	22.995	ug/l	#	41
86) p-Isopropyltoluene	12.35	119	62	14.469	ug/l	#	50
89) n-Butylbenzene	12.88	91	89	21.734	ug/l	#	26
92) 1,2-Dibromo-3-Chloropropan	13.78	75	65	462.082	ug/l	#	1
95) Naphthalene	14.44	128	65	26.461	ug/l	#	70

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031419\
Data File : VF061942.D
Acq On : 14 Mar 2019 16:54
Operator : VA/AP
Sample : K1922-01
Misc : 6.53g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Quant Time: Mar 15 01:17:59 2019
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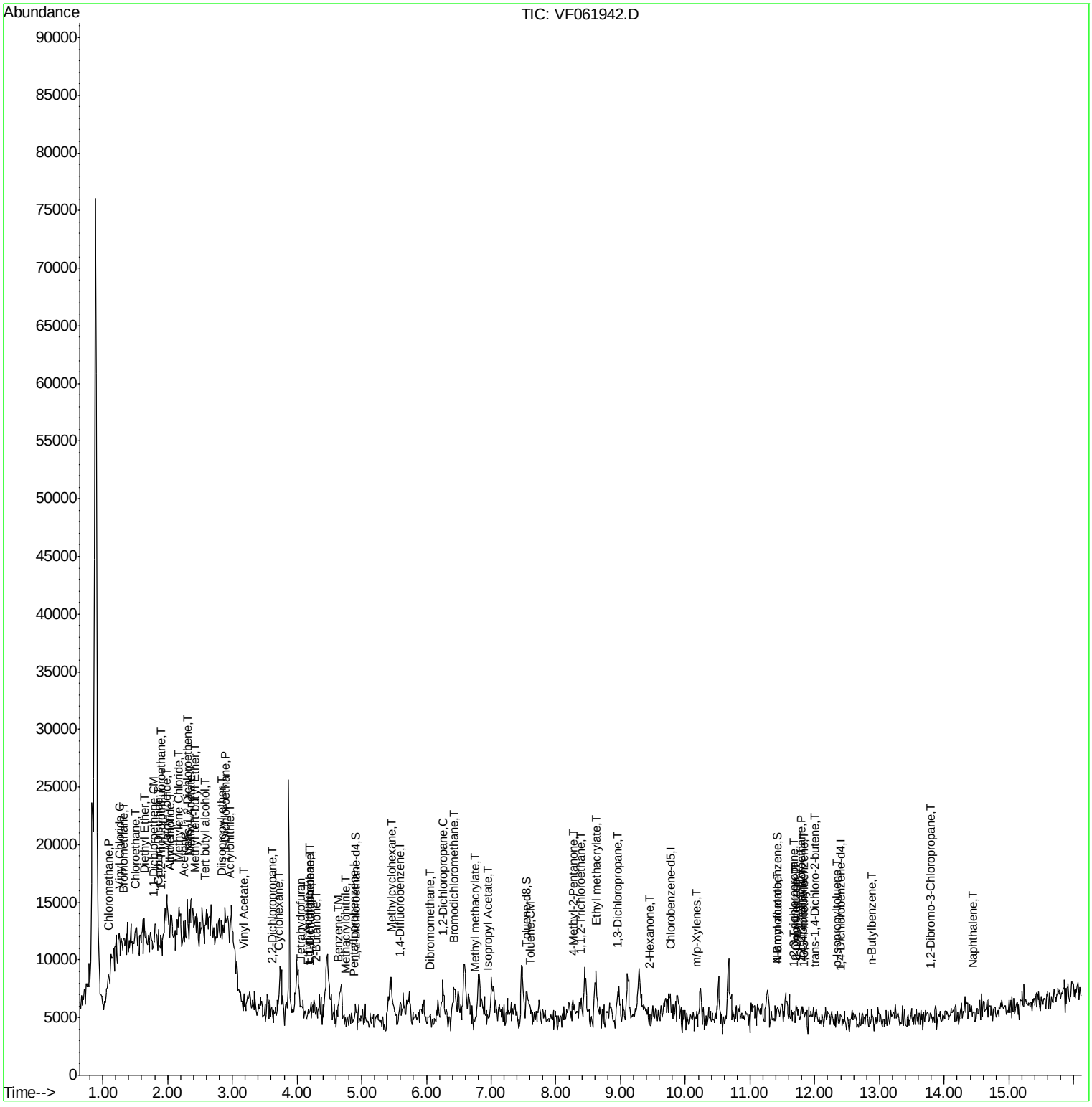
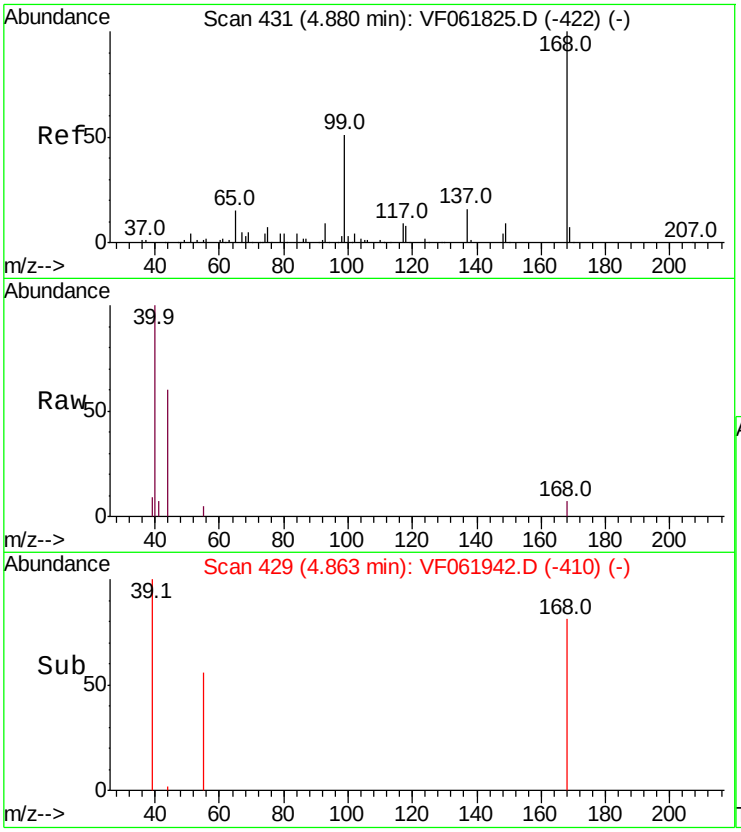
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration



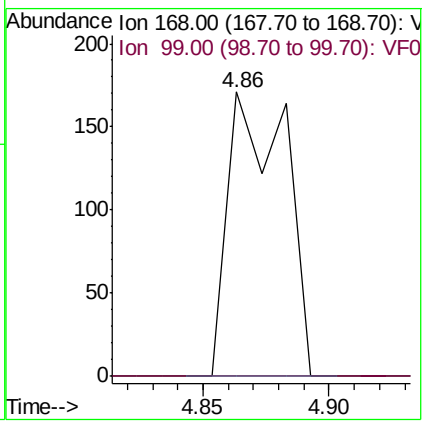


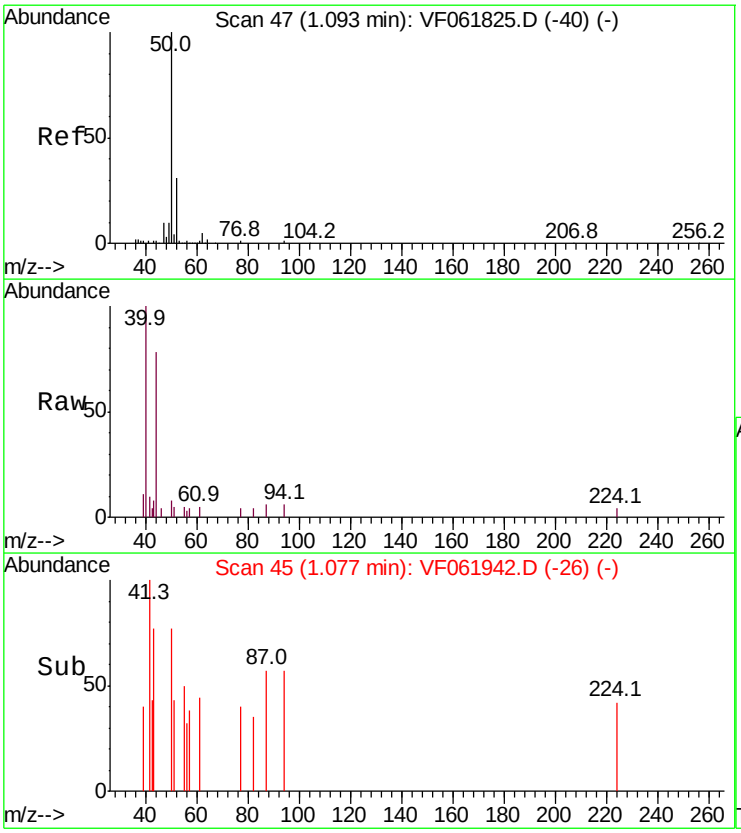
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion:168 Resp: 270

Ion	Ratio	Lower	Upper
168	100		
99	0.0	40.8	61.2#

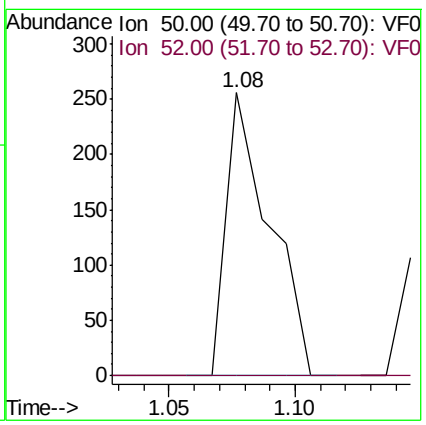


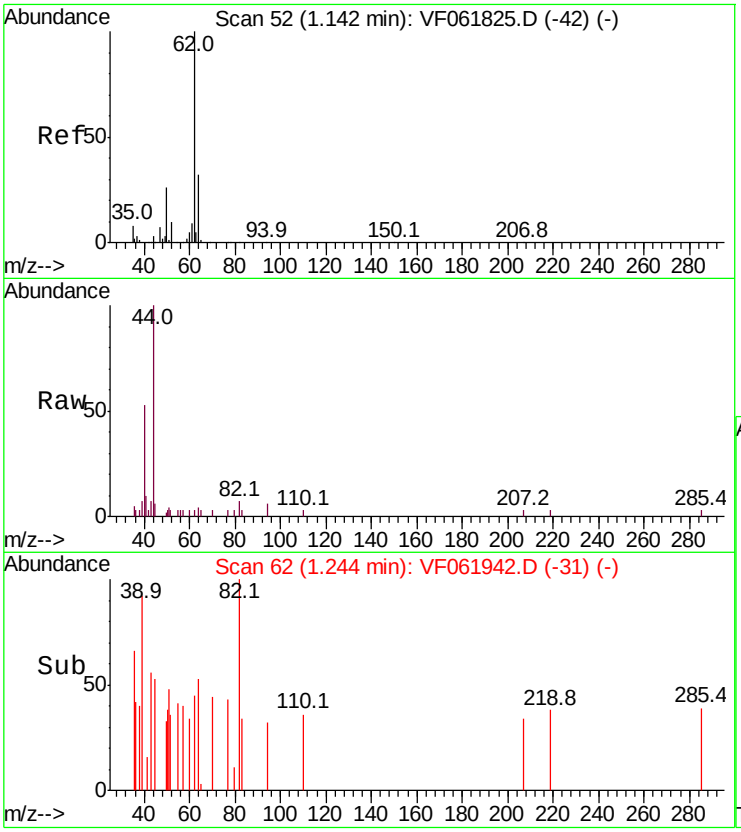


#3
Chloromethane
Concen: 95.252 ug/l
RT: 1.08 min Scan# 45
Delta R.T. -0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 50 Resp: 306

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.8	35.8#



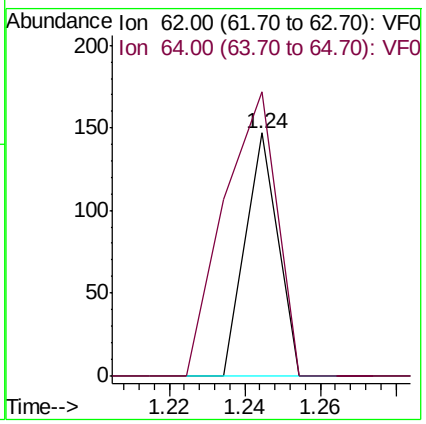


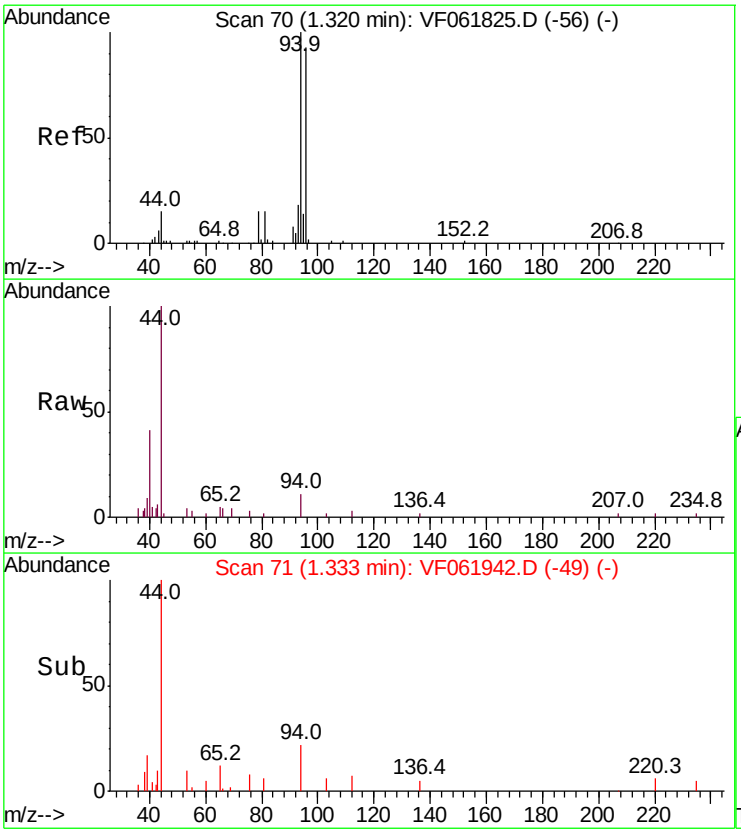
#4
Vinyl Chloride
Concen: 28.528 ug/l
RT: 1.24 min Scan# 62
Delta R.T. 0.10 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion: 62 Resp: 87

Ion	Ratio	Lower	Upper
62	100		
64	117.0	25.2	37.8#

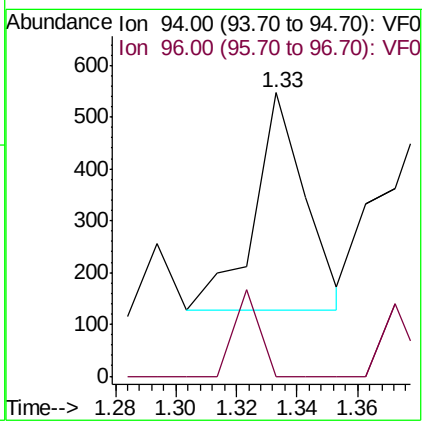


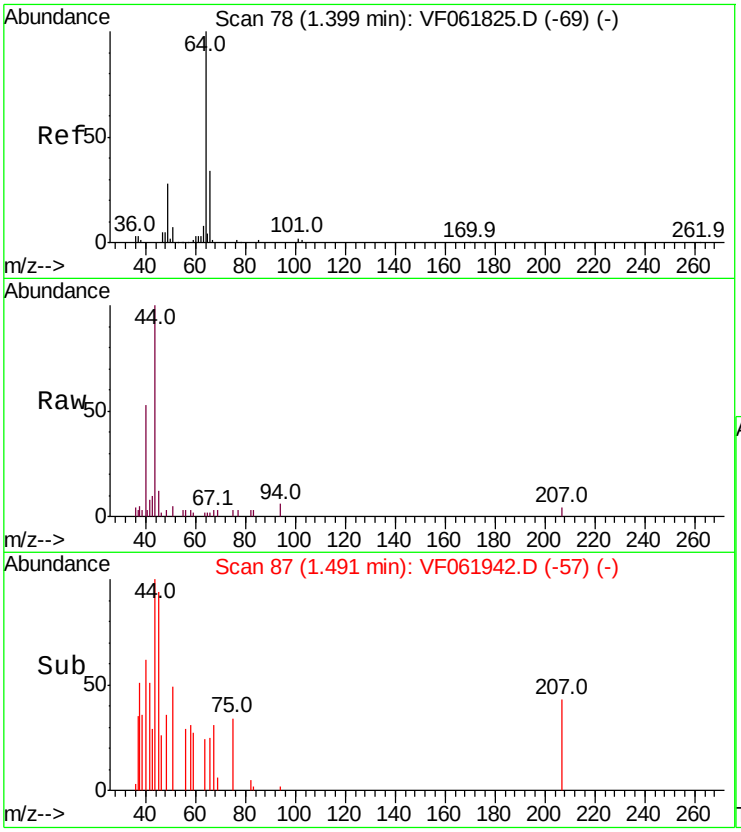


#5
Bromomethane
Concen: 238.651 ug/l
RT: 1.33 min Scan# 71
Delta R.T. 0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 94 Resp: 496

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.2	112.8#



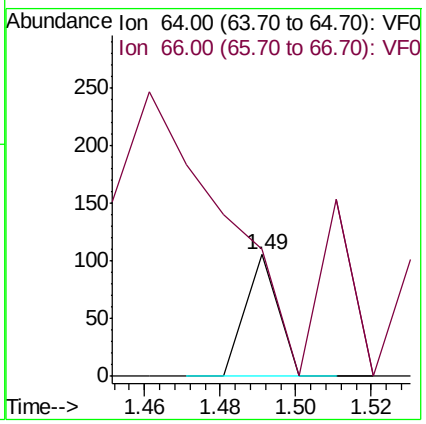


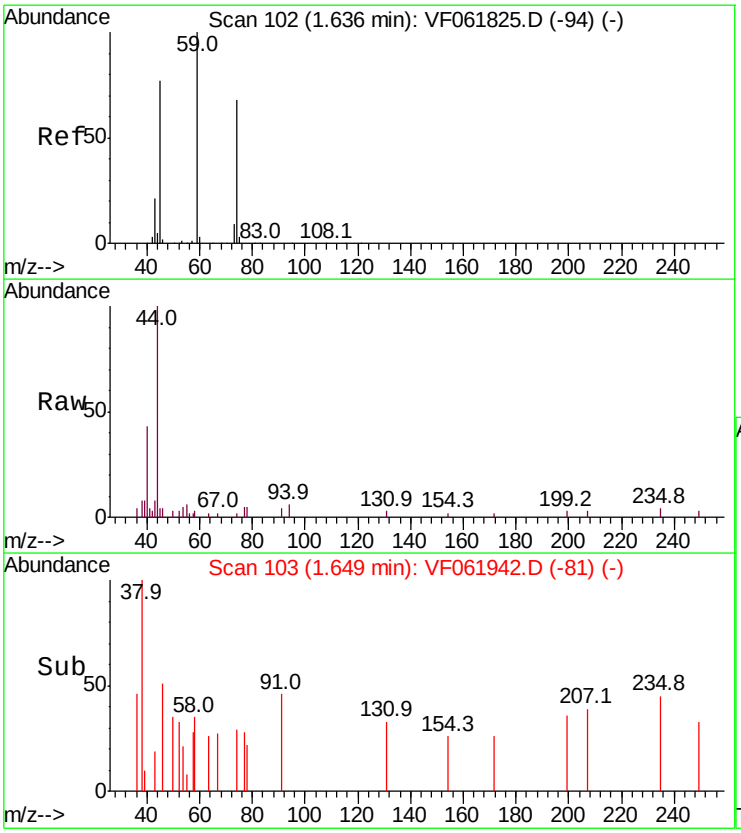
#6
Chloroethane
Concen: 42.770 ug/l
RT: 1.49 min Scan# 87
Delta R.T. 0.09 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 64 Resp: 62

Ion	Ratio	Lower	Upper
64	100		
66	104.8	27.0	40.4#

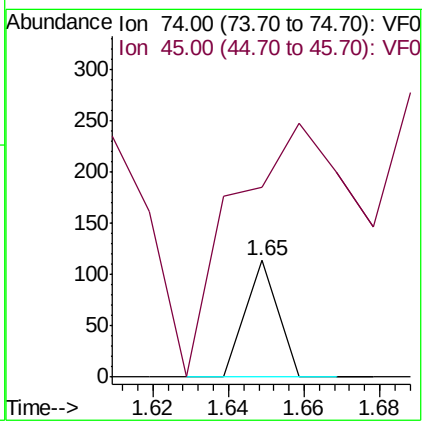


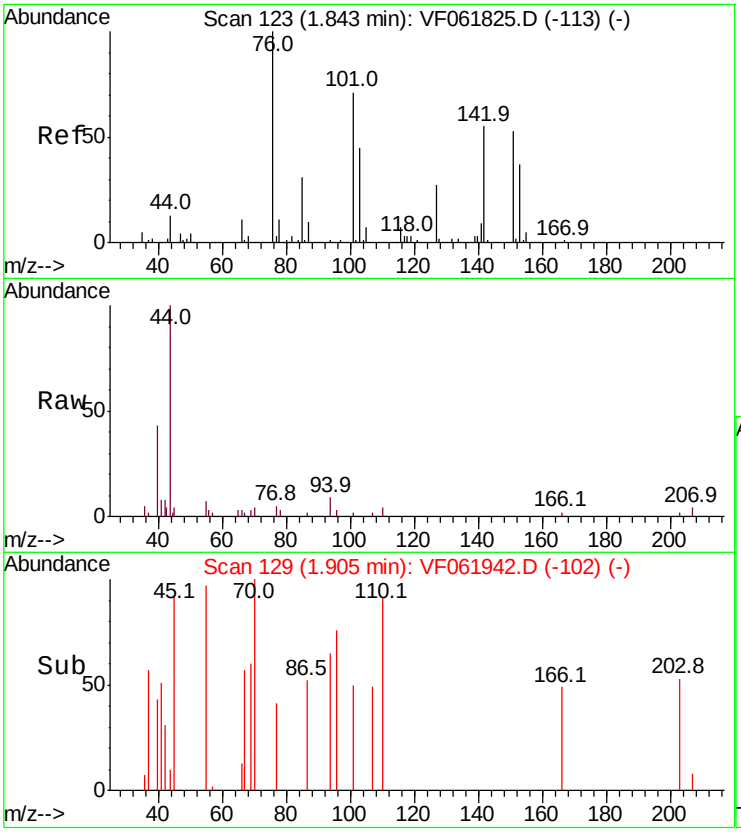


#8
Diethyl Ether
Concen: 79.104 ug/l
RT: 1.65 min Scan# 103
Delta R.T. 0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 74 Resp: 67

Ion	Ratio	Lower	Upper
74	100		
45	163.7	57.2	171.6



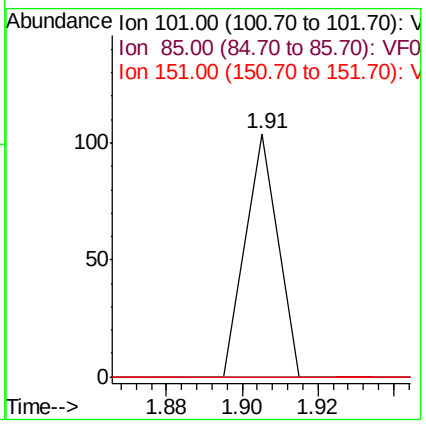


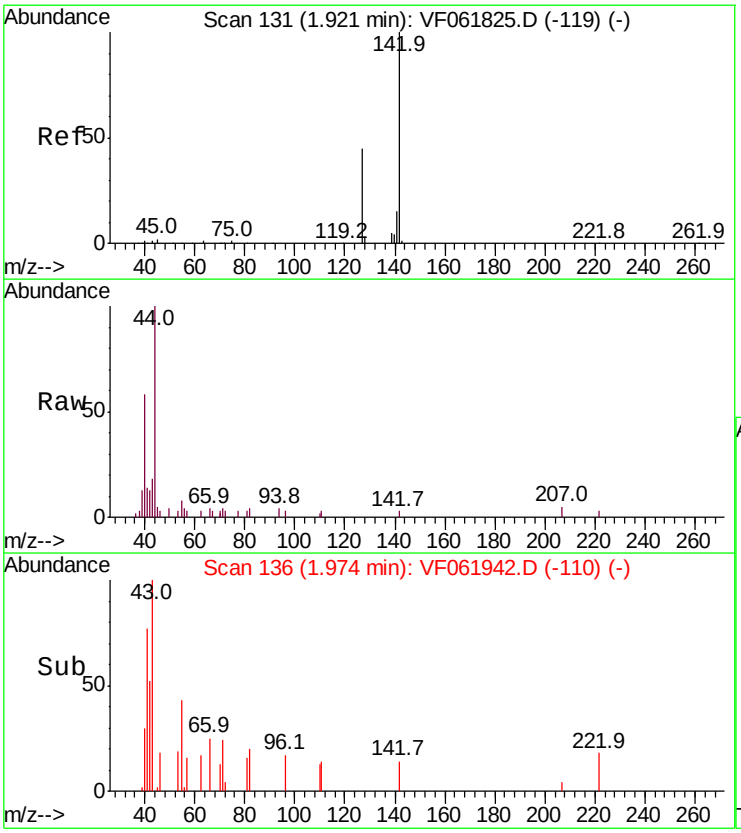
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.512 ug/l
RT: 1.91 min Scan# 129
Delta R.T. 0.06 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion:101 Resp: 62

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.0	51.0#
151	0.0	57.3	85.9#

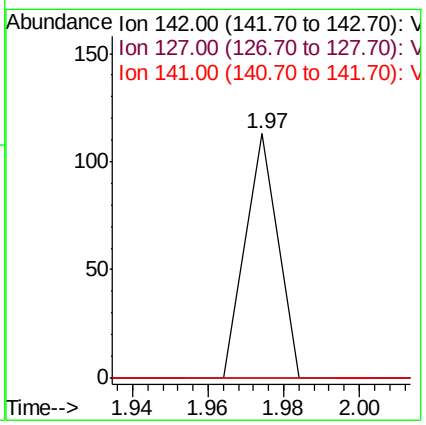


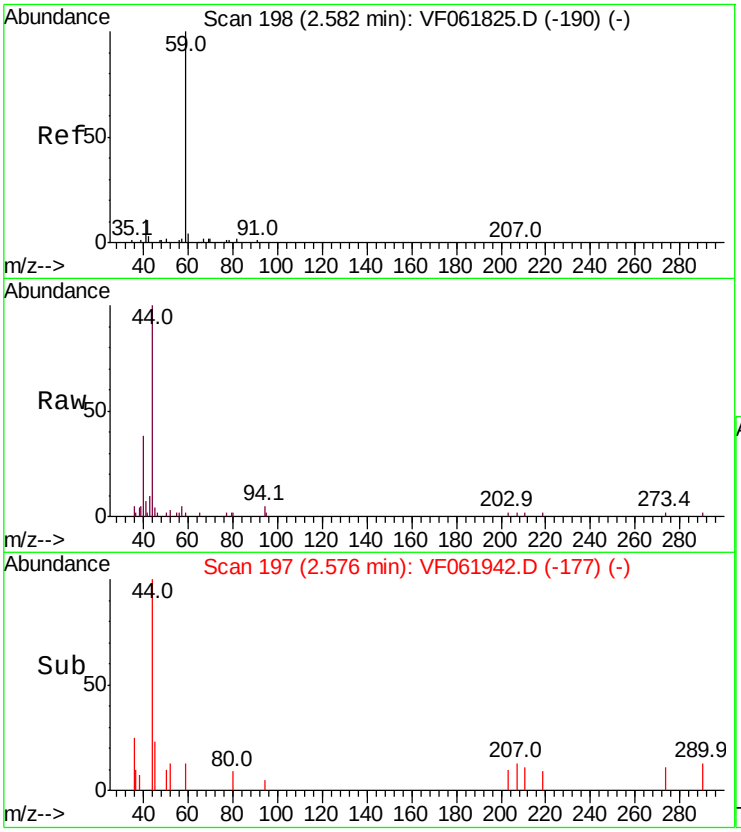


#10
Methyl Iodide
Concen: 13.920 ug/l
RT: 1.97 min Scan# 136
Delta R.T. 0.05 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion:142 Resp: 67

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.8	53.6#
141	100.0	11.7	17.5#



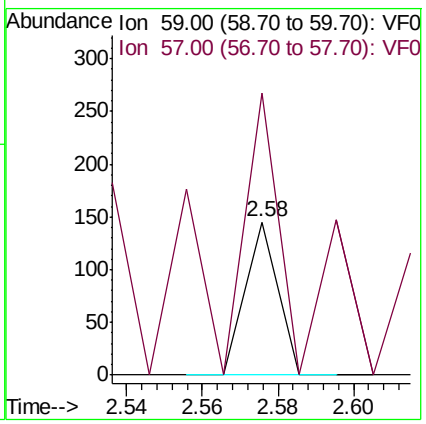


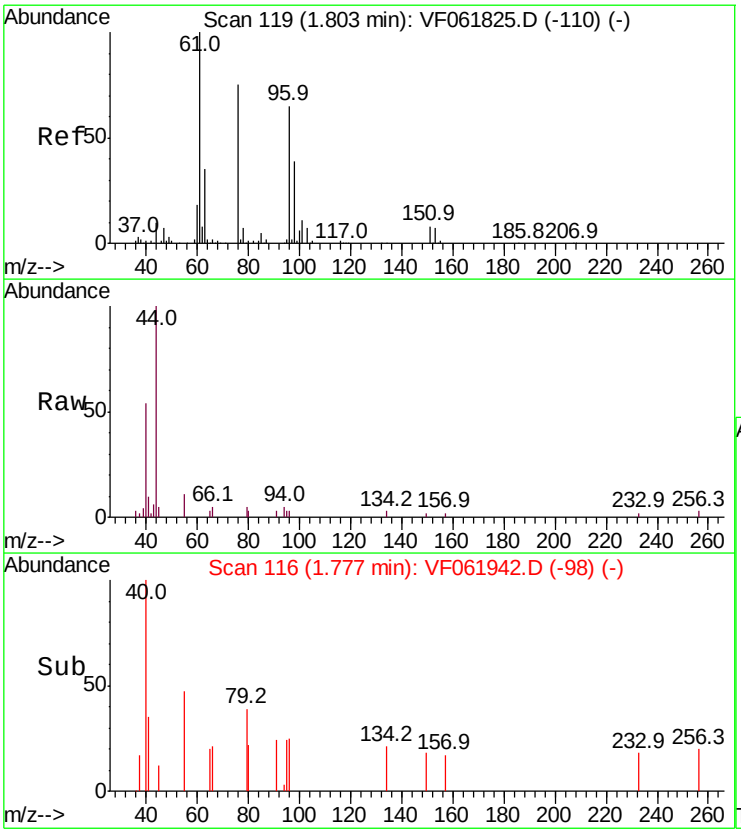
#11
Tert butyl alcohol
Concen: 770.586 ug/l
RT: 2.58 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 59 Resp: 86

Ion	Ratio	Lower	Upper
59	100		
57	184.8	11.8	17.6#

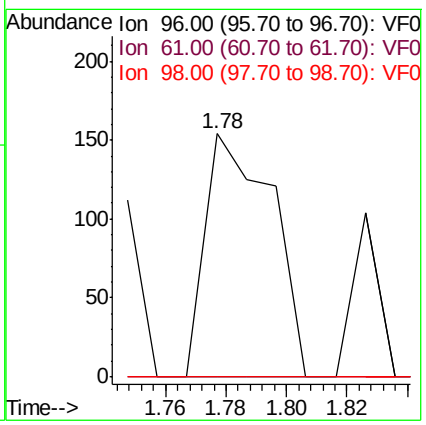


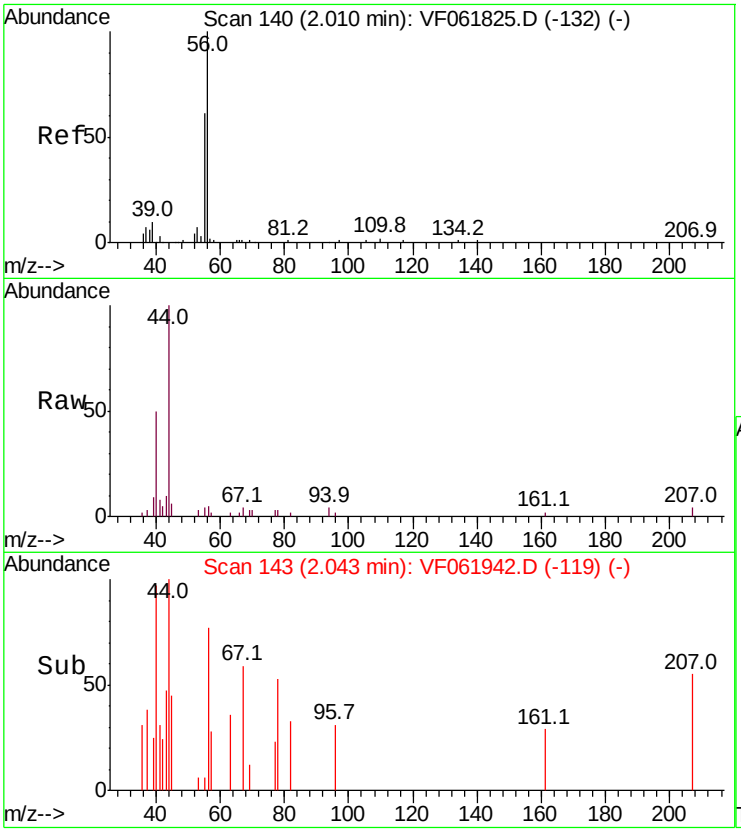


#12
1,1-Dichloroethene
Concen: 102.635 ug/l
RT: 1.78 min Scan# 116
Delta R.T. -0.03 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 96 Resp: 237

Ion	Ratio	Lower	Upper
96	100		
61	0.0	122.5	183.7#
98	0.0	47.1	70.7#



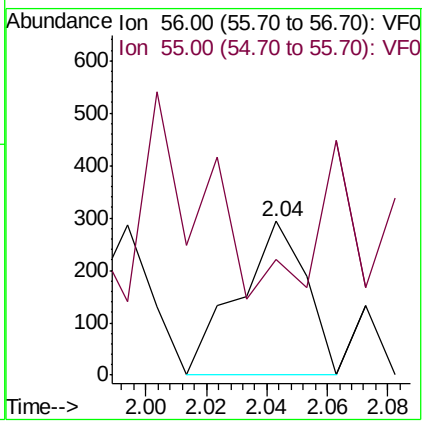


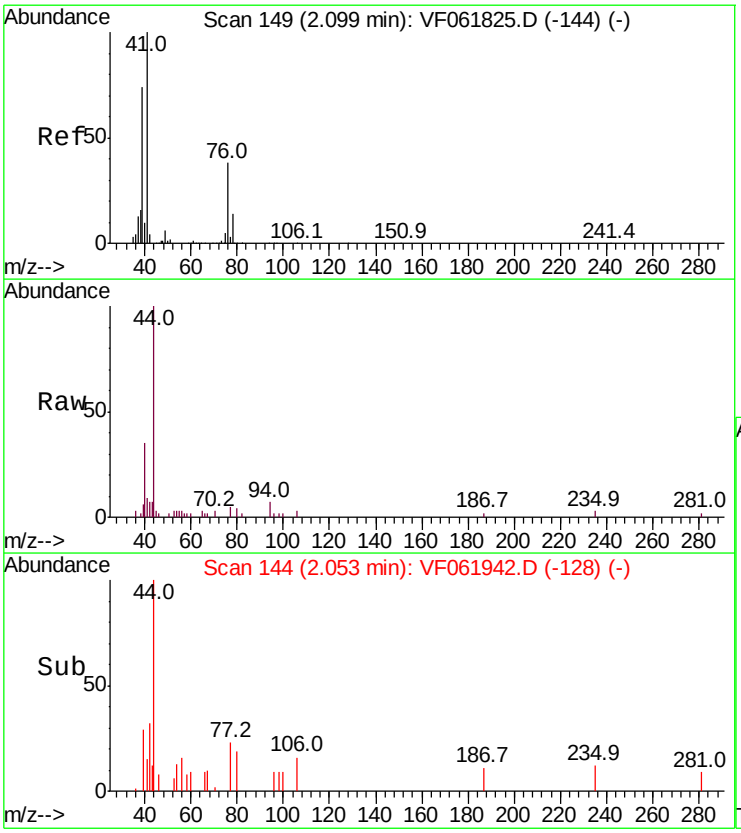
#13
Acrolein
Concen: 3189.217 ug/l
RT: 2.04 min Scan# 143
Delta R.T. 0.03 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 56 Resp: 451

Ion	Ratio	Lower	Upper
56	100		
55	75.4	51.3	76.9

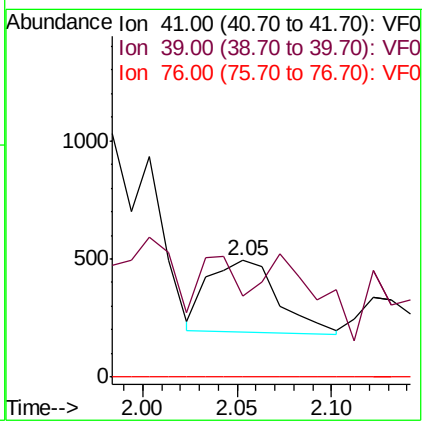


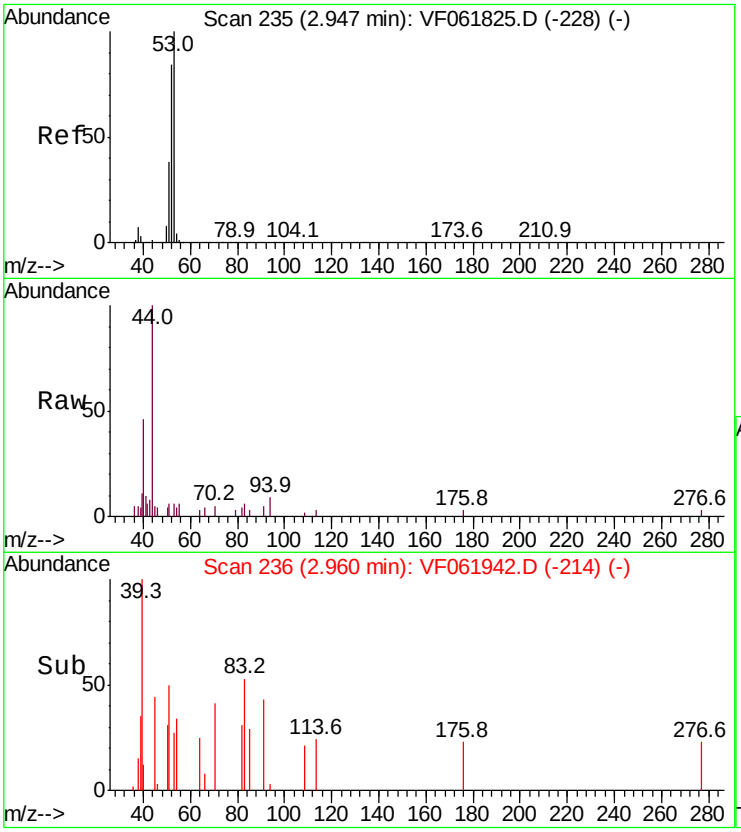


#14
Allyl chloride
Concen: 305.041 ug/l
RT: 2.05 min Scan# 144
Delta R.T. -0.05 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 41 Resp: 776

Ion	Ratio	Lower	Upper
41	100		
39	69.8	59.6	89.4
76	0.0	32.3	48.5#



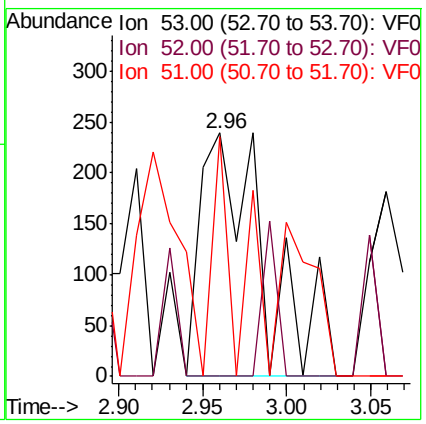


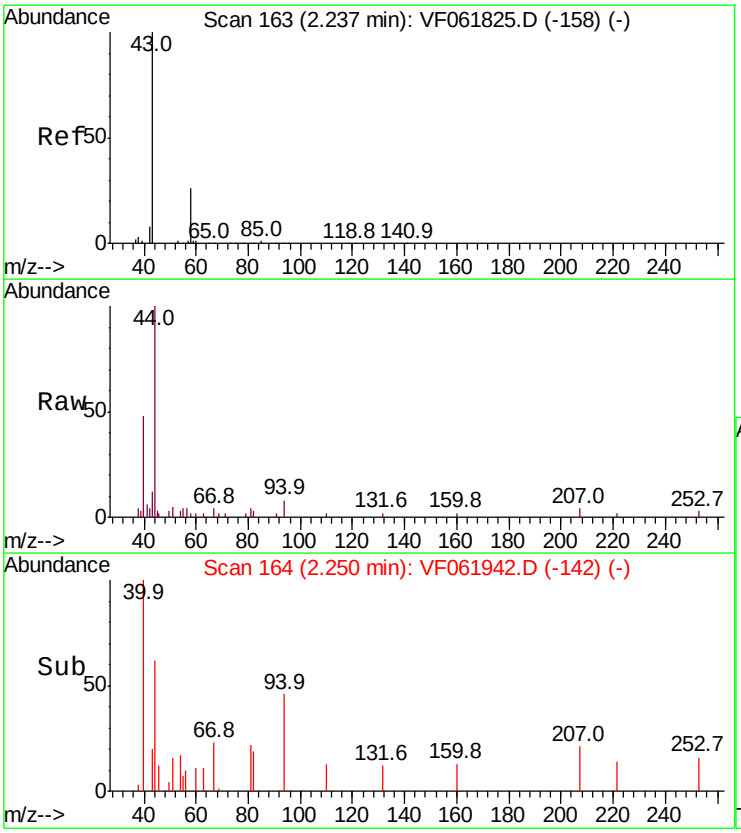
#15
Acrylonitrile
Concen: 1778.407 ug/l
RT: 2.96 min Scan# 236
Delta R.T. 0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion: 53 Resp: 632

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.4	101.0#
51	98.7	30.7	46.1#

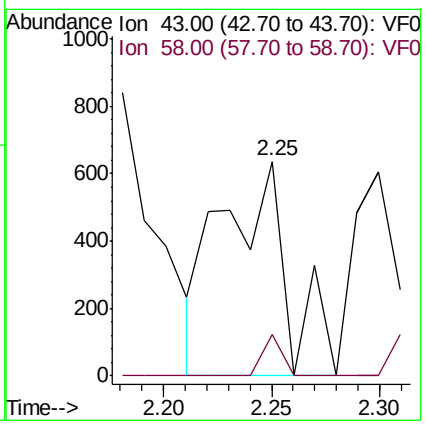


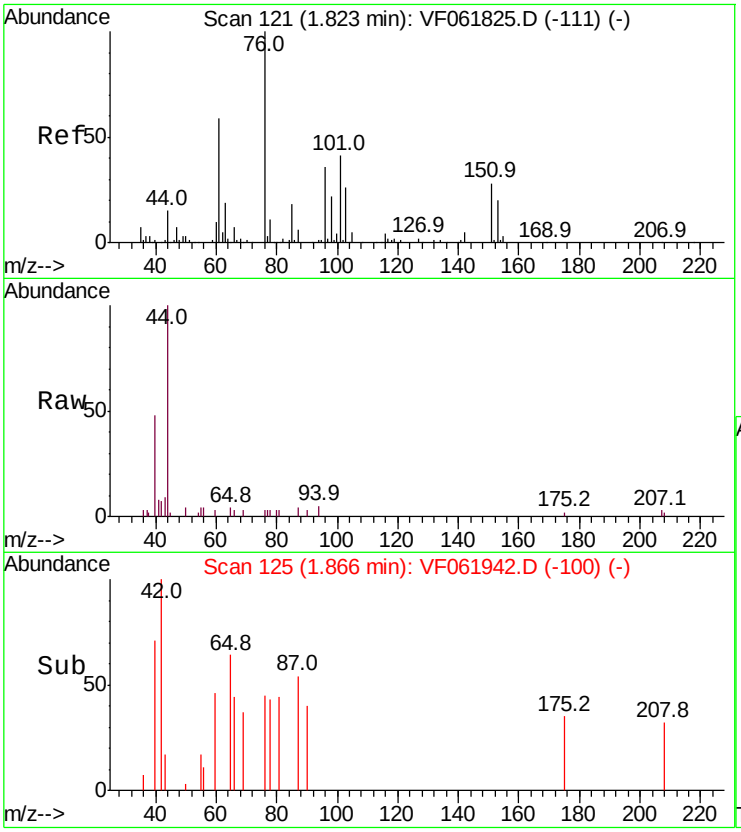


#16
Acetone
Concen: 3323.822 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 43 Resp: 1369

Ion	Ratio	Lower	Upper
43	100		
58	19.2	20.3	30.5#



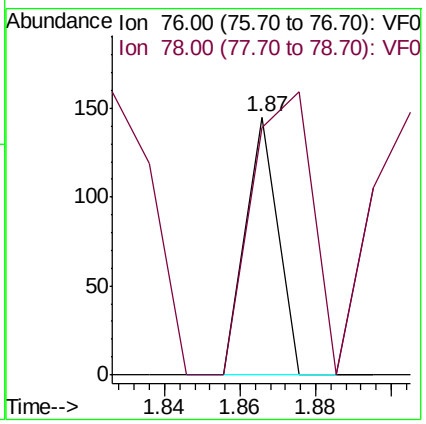


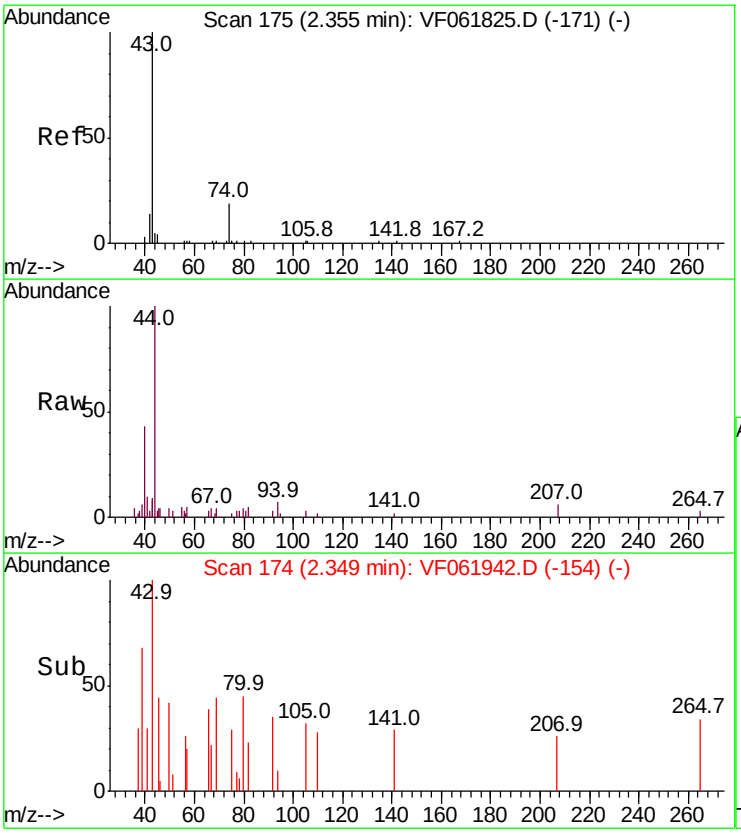
#17
Carbon Disulfide
Concen: 11.965 ug/l
RT: 1.87 min Scan# 125
Delta R.T. 0.04 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 76 Resp: 86

Ion	Ratio	Lower	Upper
76	100		
78	95.9	9.1	13.7#

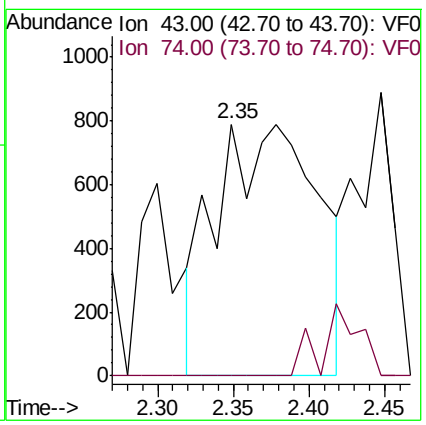


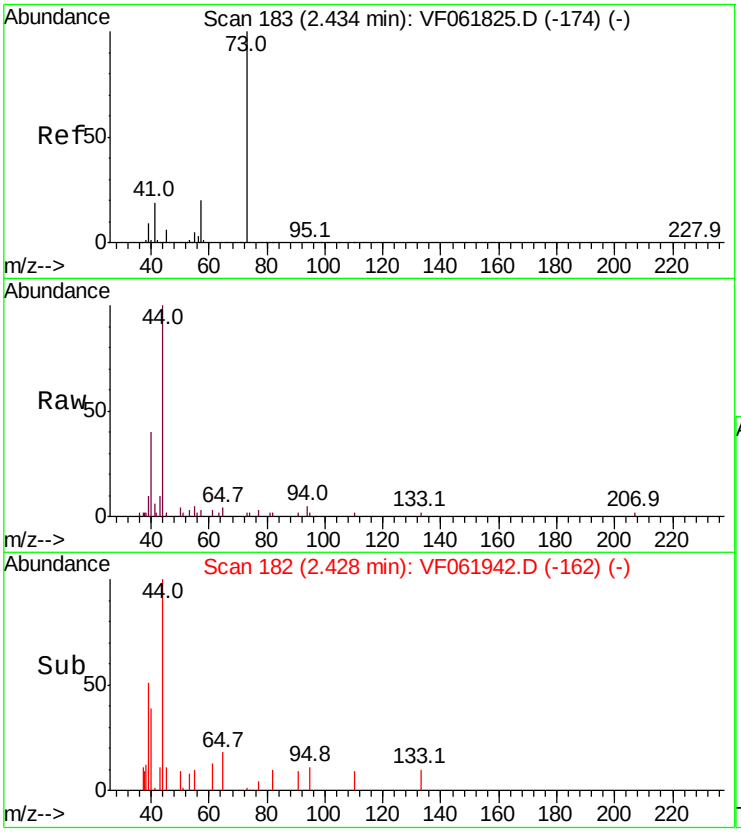


#18
Methyl Acetate
Concen: 904.194 ug/l
RT: 2.35 min Scan# 174
Delta R.T. -0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 43 Resp: 3692

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.2	19.8#



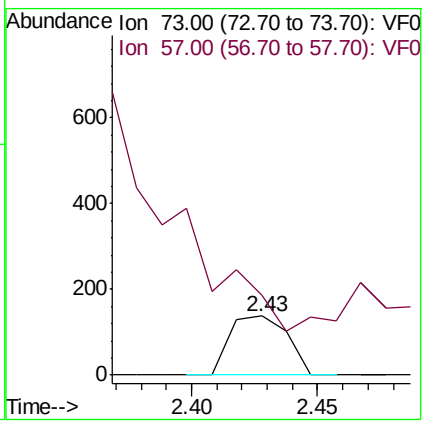


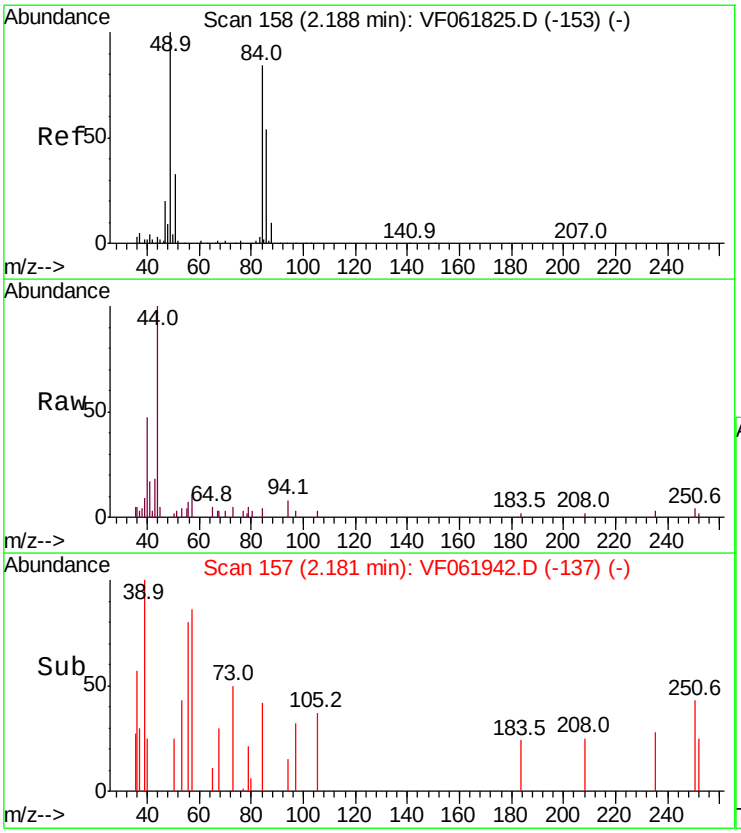
#19
Methyl tert-butyl Ether
Concen: 55.807 ug/l
RT: 2.43 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion: 73 Resp: 218

Ion	Ratio	Lower	Upper
73	100		
57	135.0	16.1	24.1#

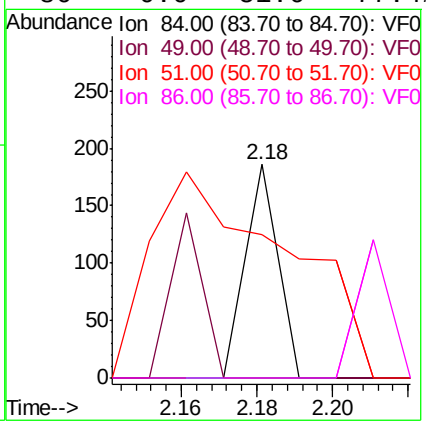


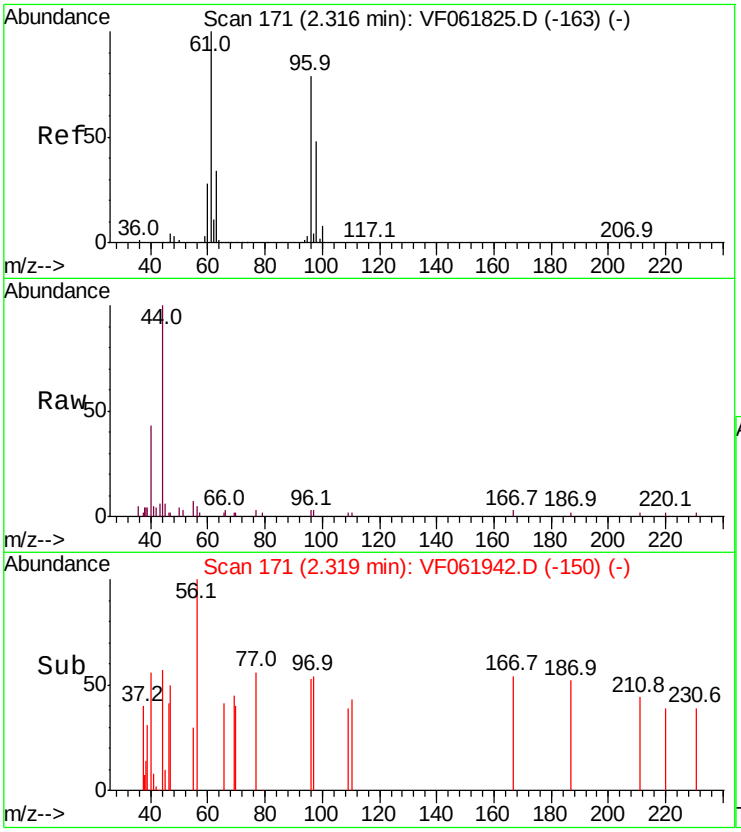


#20
Methylene Chloride
Concen: 47.855 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 84 Resp: 110

Ion	Ratio	Lower	Upper
84	100		
49	0.0	96.8	145.2#
51	67.2	31.8	47.6#
86	0.0	51.6	77.4#



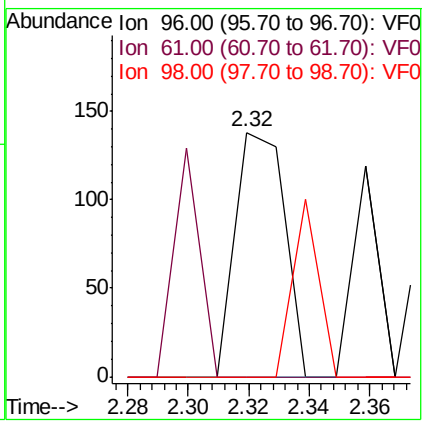


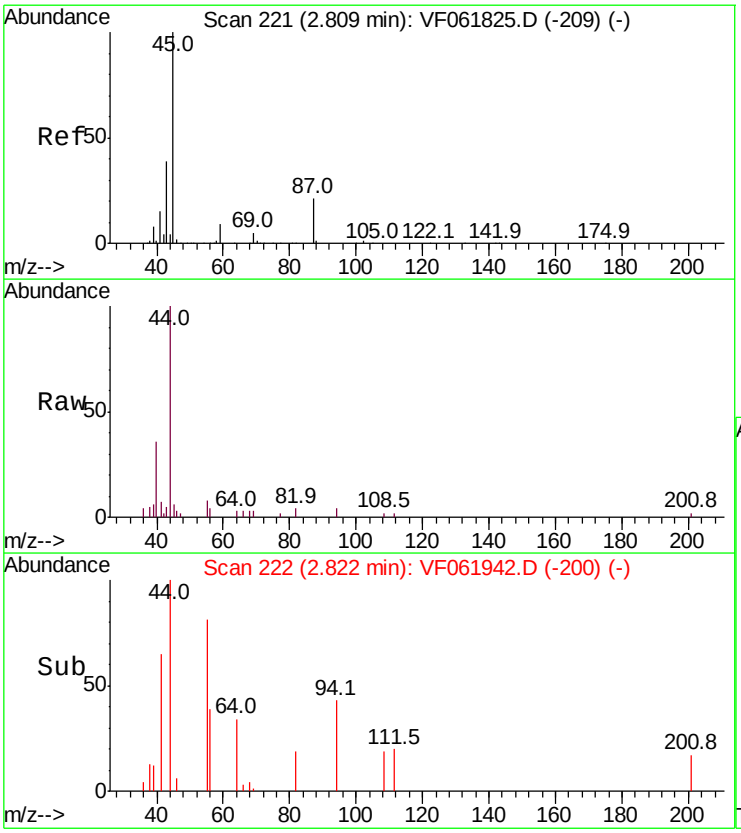
#21
trans-1,2-Dichloroethene
Concen: 73.161 ug/l
RT: 2.32 min Scan# 171
Delta R.T. 0.00 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 96 Resp: 159

Ion	Ratio	Lower	Upper
96	100		
61	0.0	101.0	151.6#
98	0.0	48.8	73.2#

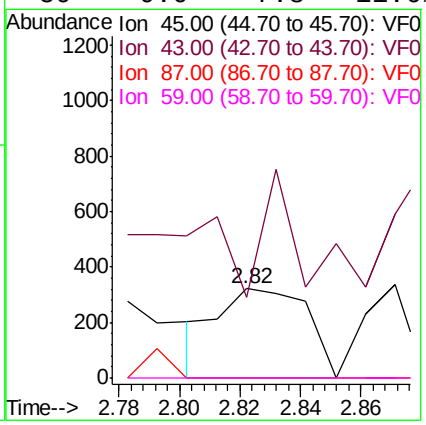


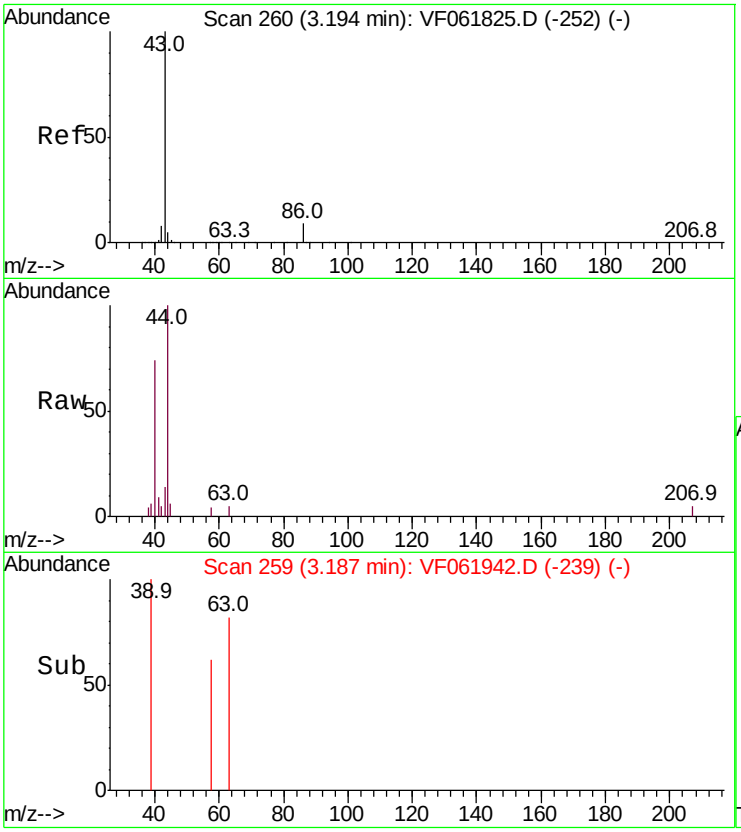


#22
Diisopropyl ether
Concen: 99.888 ug/l
RT: 2.82 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 45 Resp: 661

Ion	Ratio	Lower	Upper
45	100		
43	90.4	31.8	47.8#
87	0.0	17.1	25.7#
59	0.0	7.8	11.6#



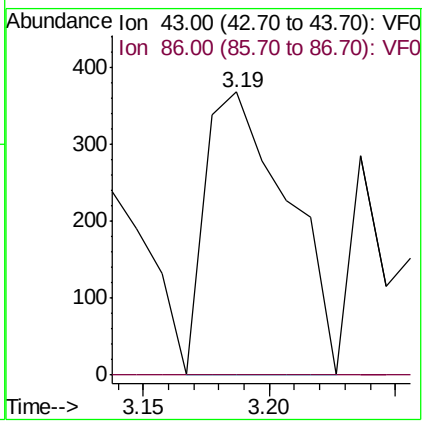


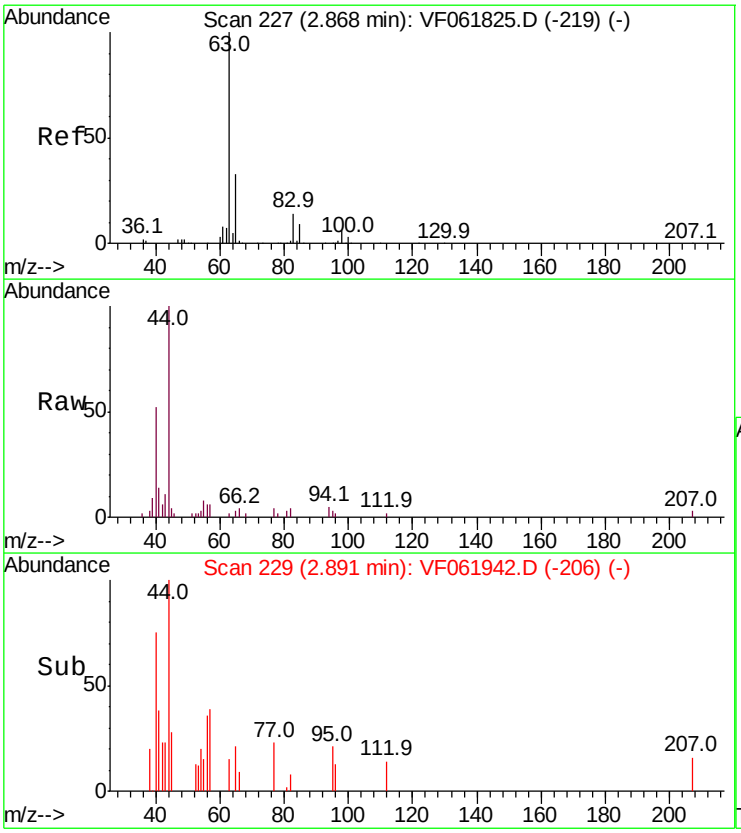
#23
Vinyl Acetate
Concen: 283.809 ug/l
RT: 3.19 min Scan# 259
Delta R.T. -0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion: 43 Resp: 839

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.4#

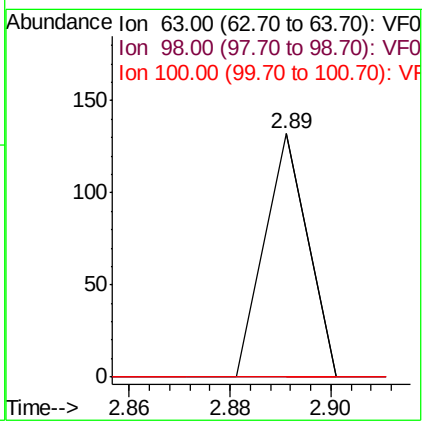


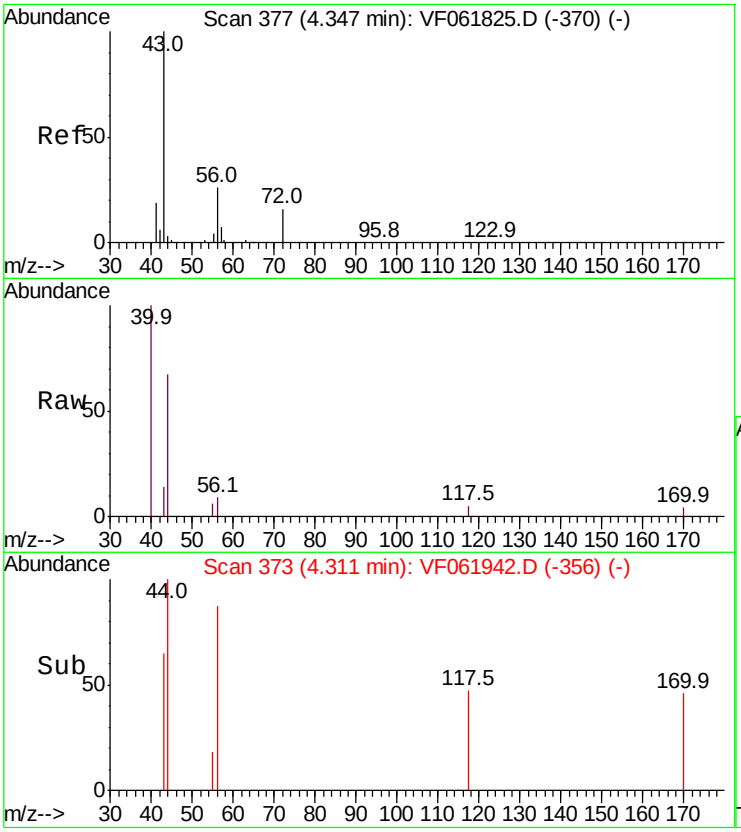


#24
1,1-Dichloroethane
Concen: 19.720 ug/l
RT: 2.89 min Scan# 229
Delta R.T. 0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 63 Resp: 78

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.6#
100	0.0	1.8	5.3#



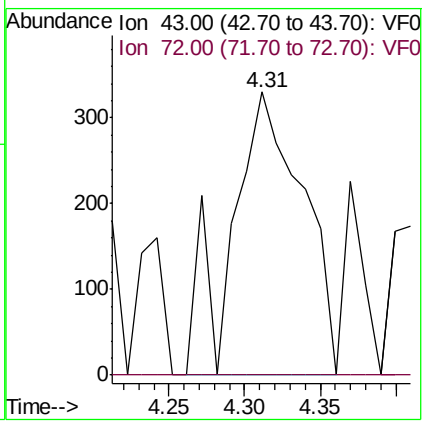


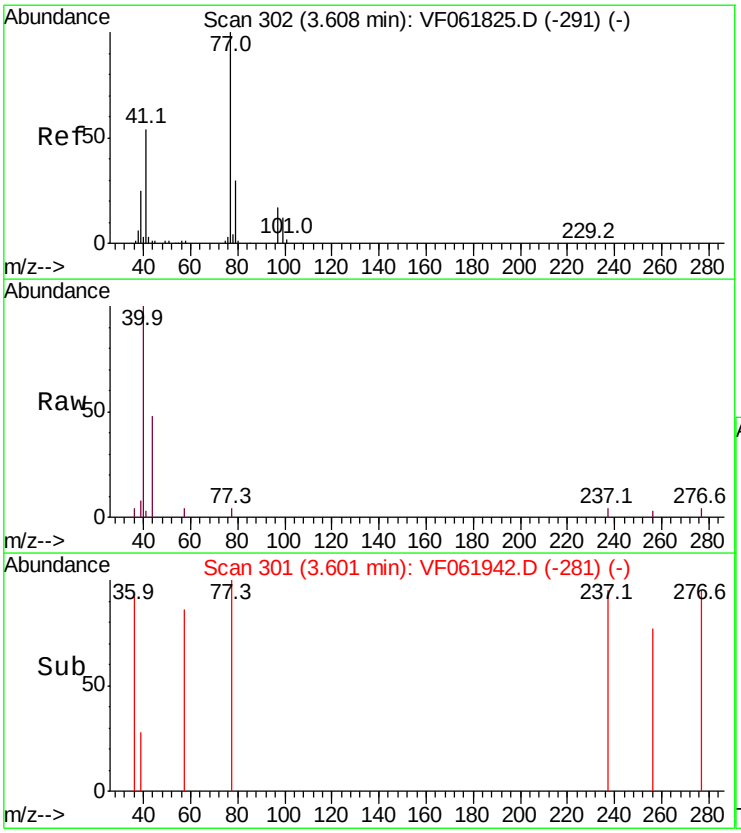
#25
2-Butanone
Concen: 1302.233 ug/l
RT: 4.31 min Scan# 373
Delta R.T. -0.04 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 43 Resp: 1091

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#

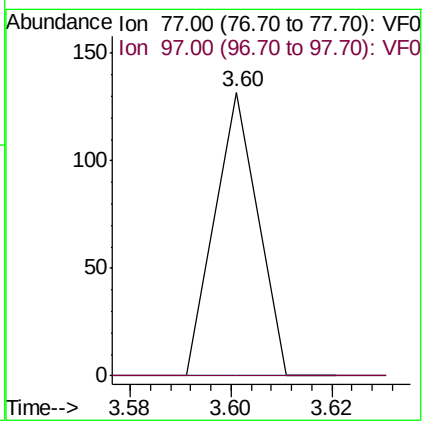


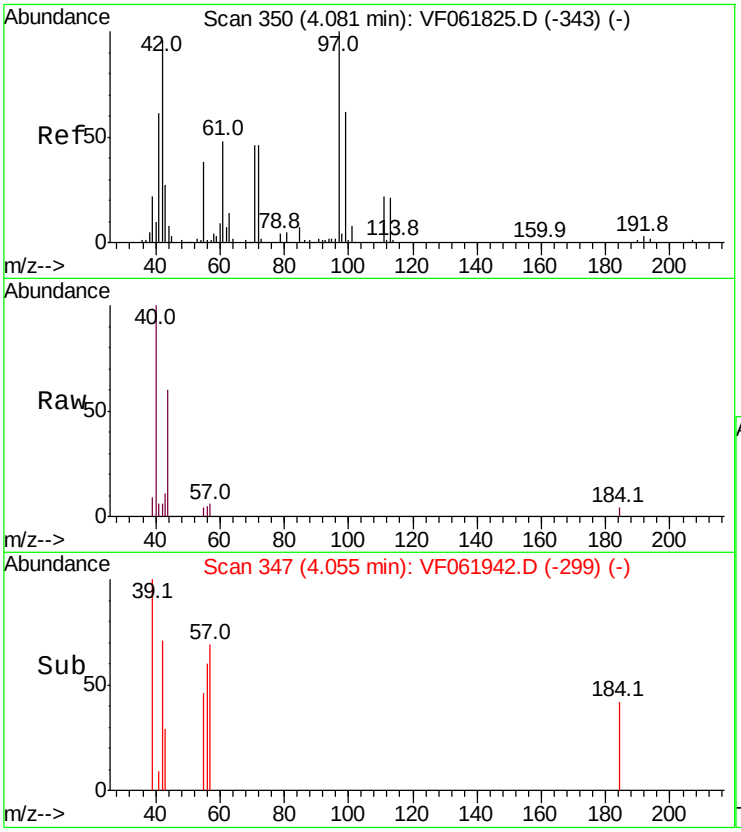


#26
2,2-Dichloropropane
Concen: 44.176 ug/l
RT: 3.60 min Scan# 301
Delta R.T. -0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 77 Resp: 78

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.4	31.4#



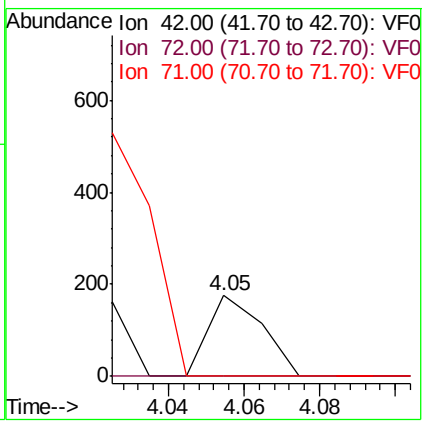


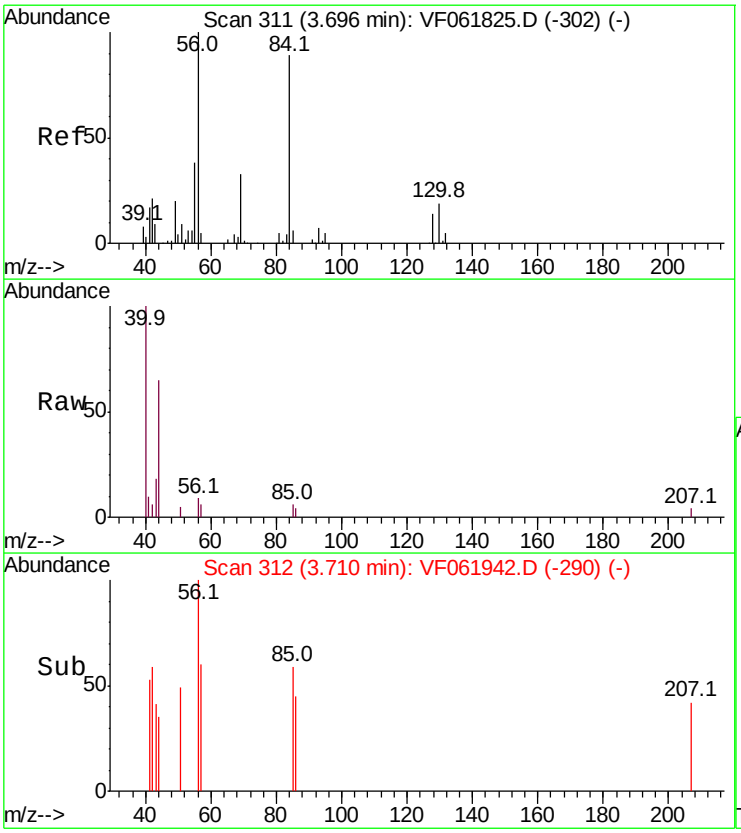
#29
Tetrahydrofuran
Concen: 476.040 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.03 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 42 Resp: 172

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.4	51.6#
71	0.0	34.6	52.0#

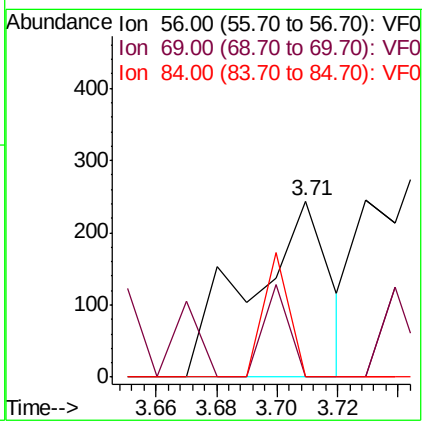


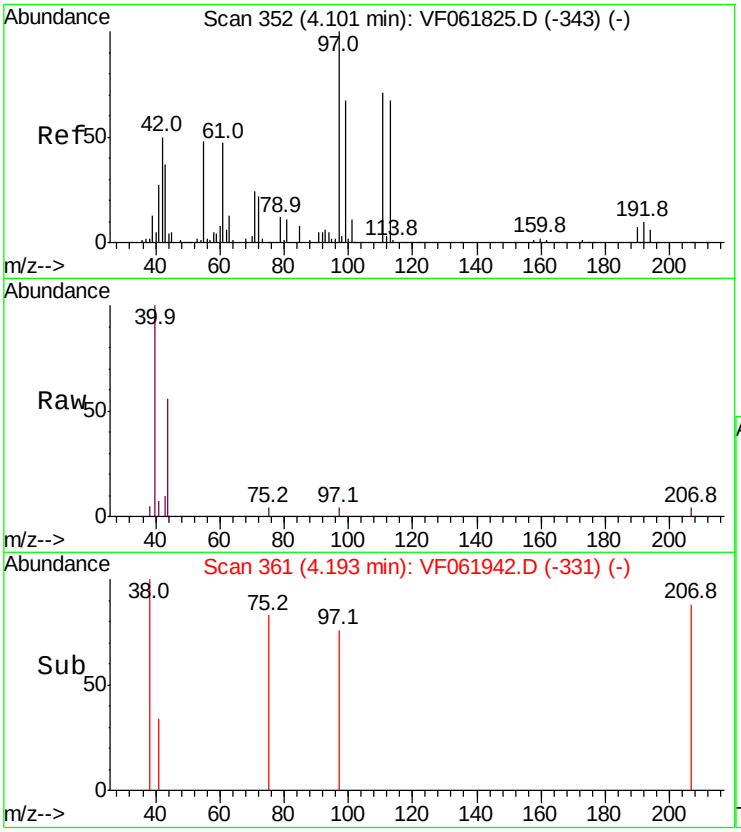


#31
Cyclohexane
Concen: 107.416 ug/l
RT: 3.71 min Scan# 312
Delta R.T. 0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 56 Resp: 445

Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.0	39.0#
84	0.0	71.0	106.6#



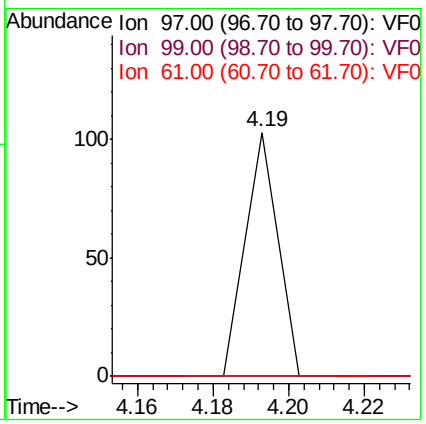


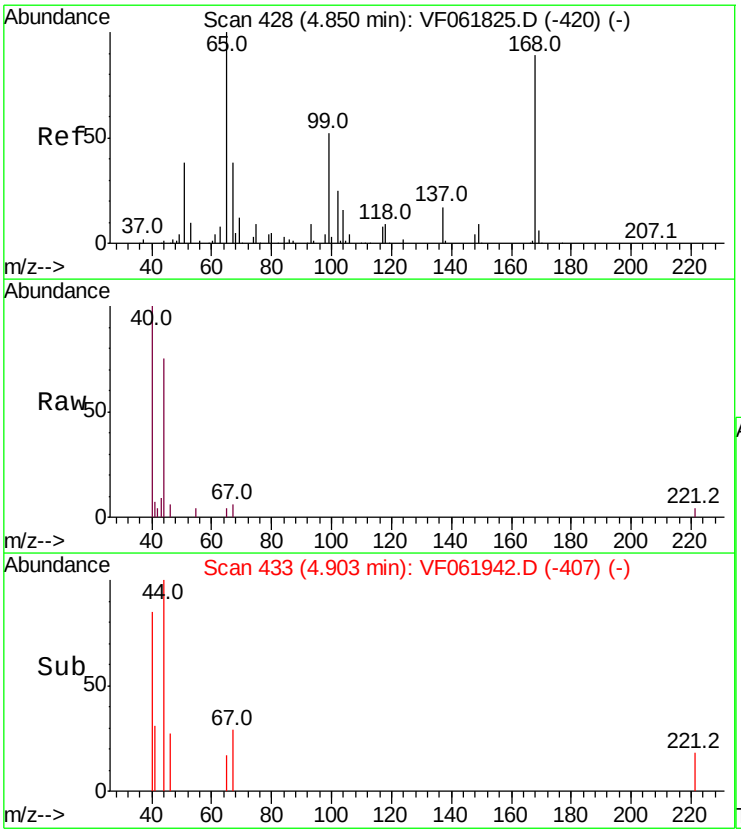
#32
1,1,1-Trichloroethane
Concen: 21.905 ug/l
RT: 4.19 min Scan# 361
Delta R.T. 0.09 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 97 Resp: 61

Ion	Ratio	Lower	Upper
97	100		
99	0.0	53.8	80.8#
61	0.0	37.9	56.9#

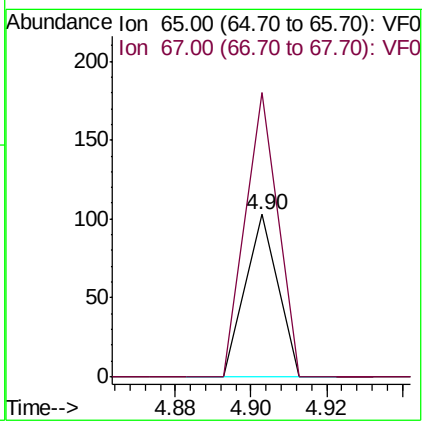


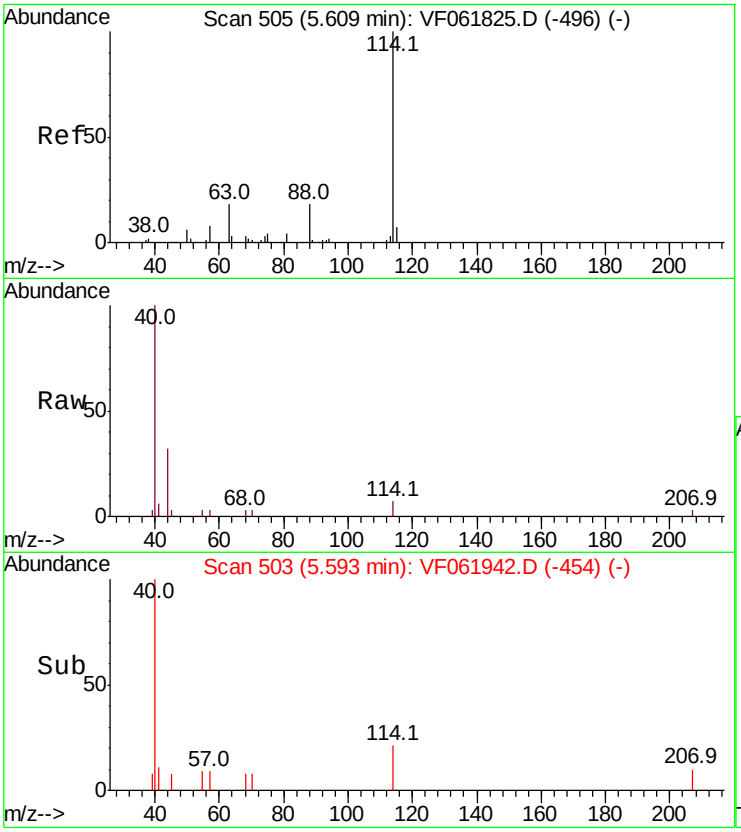


#33
1,2-Dichloroethane-d4
Concen: 31.023 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.05 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 65 Resp: 61

Ion	Ratio	Lower	Upper
65	100		
67	174.8	0.0	108.6#



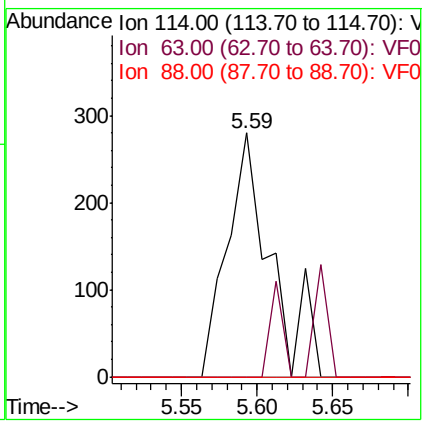


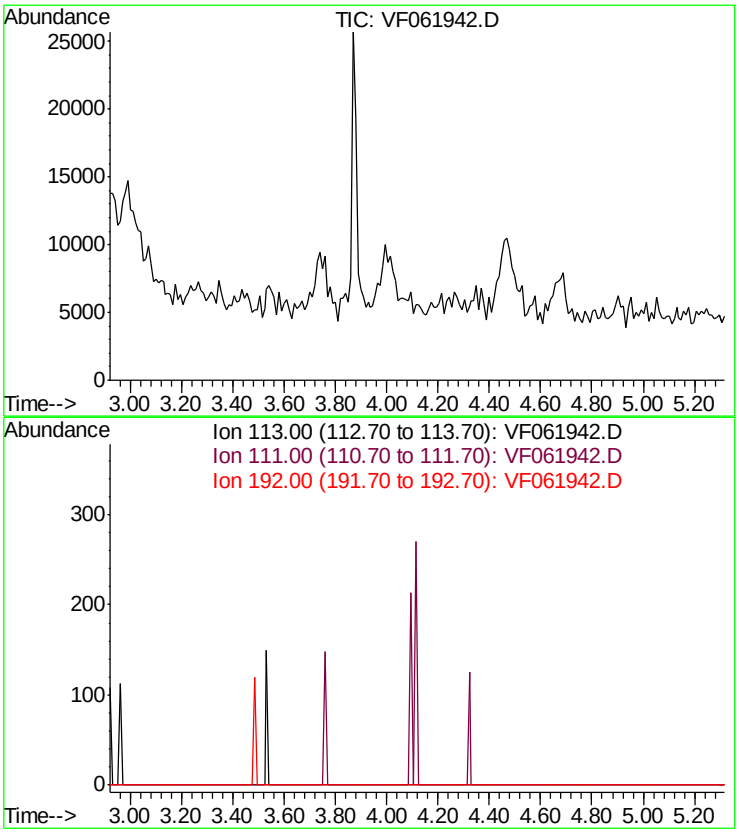
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion:114 Resp: 565

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	35.6
88	0.0	0.0	35.6



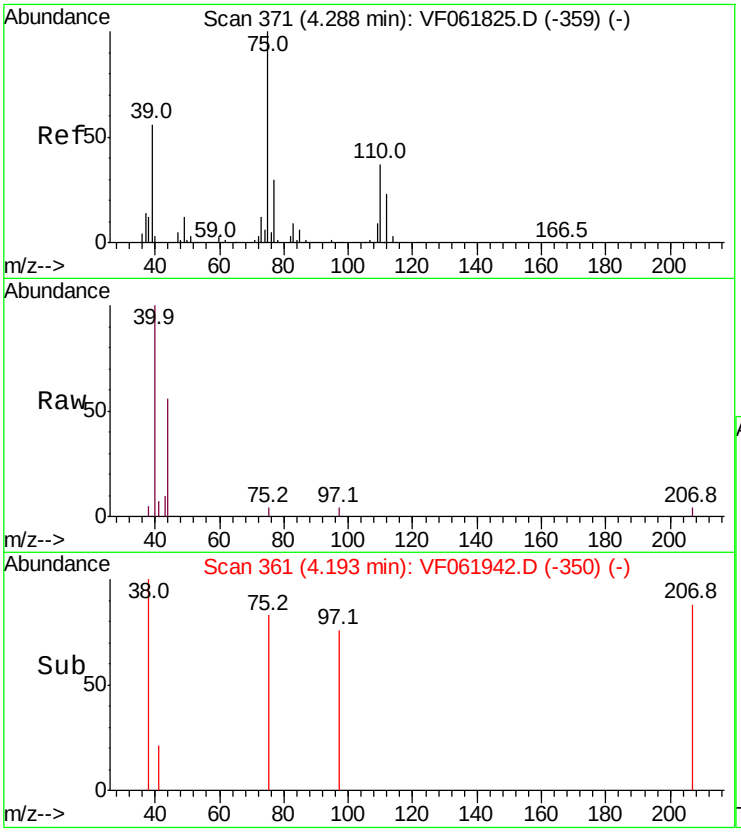


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.12 min

Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	97.0
192	19.9

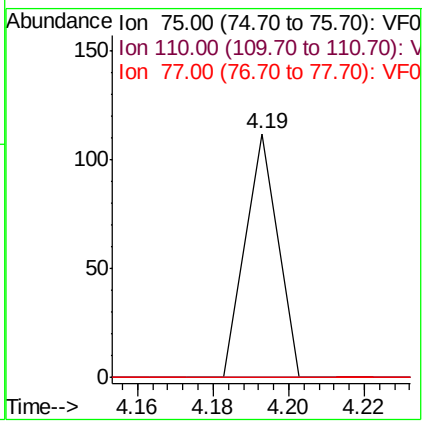


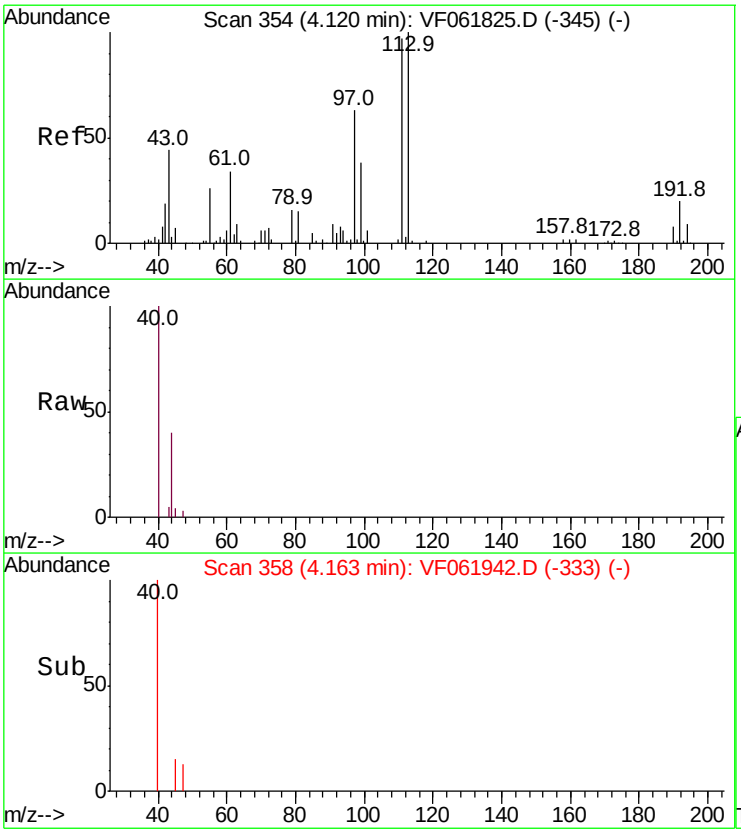
#36
1,1-Dichloropropene
Concen: 12.366 ug/l
RT: 4.19 min Scan# 361
Delta R.T. -0.10 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 75 Resp: 66

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.6	55.6#
77	0.0	24.2	36.2#

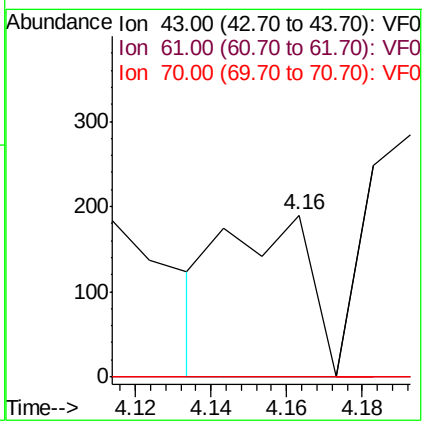


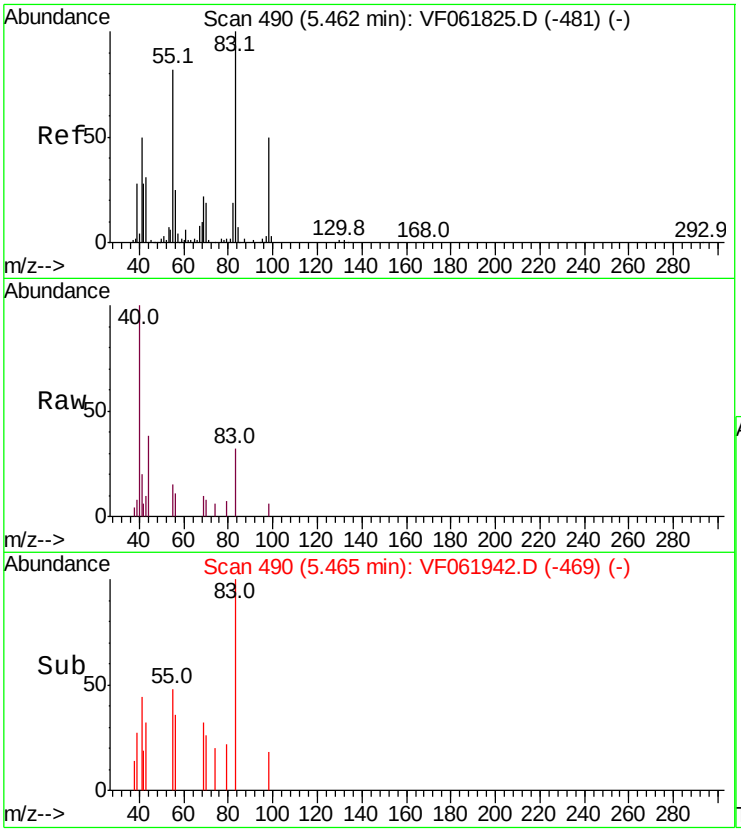


#37
Ethyl Acetate
Concen: 133.920 ug/l
RT: 4.16 min Scan# 358
Delta R.T. 0.04 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 43 Resp: 300

Ion	Ratio	Lower	Upper
43	100		
61	0.0	60.7	91.1#
70	0.0	10.6	15.8#



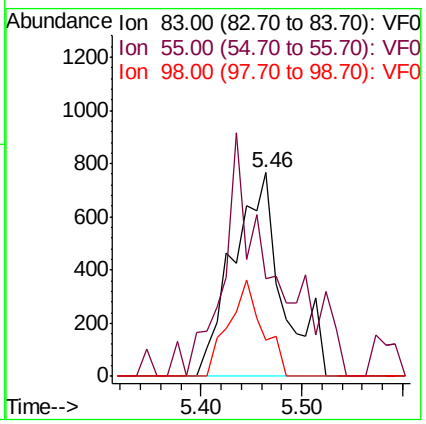


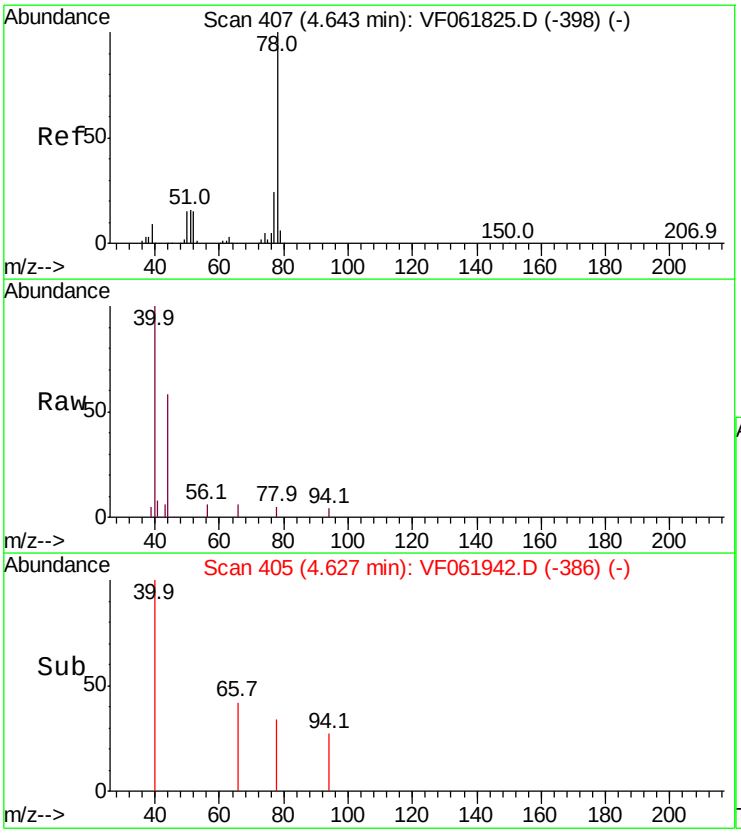
#39
Methylcyclohexane
Concen: 414.191 ug/l
RT: 5.46 min Scan# 490
Delta R.T. 0.00 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 83 Resp: 2611

Ion	Ratio	Lower	Upper
83	100		
55	48.2	66.0	99.0#
98	17.8	39.8	59.6#

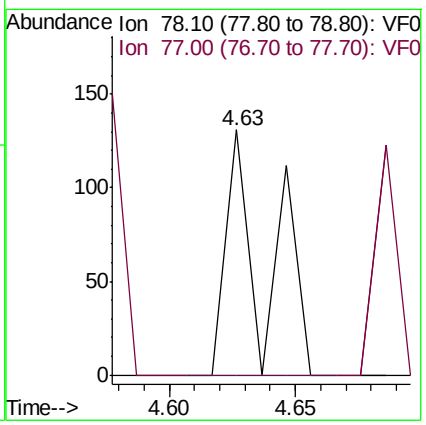


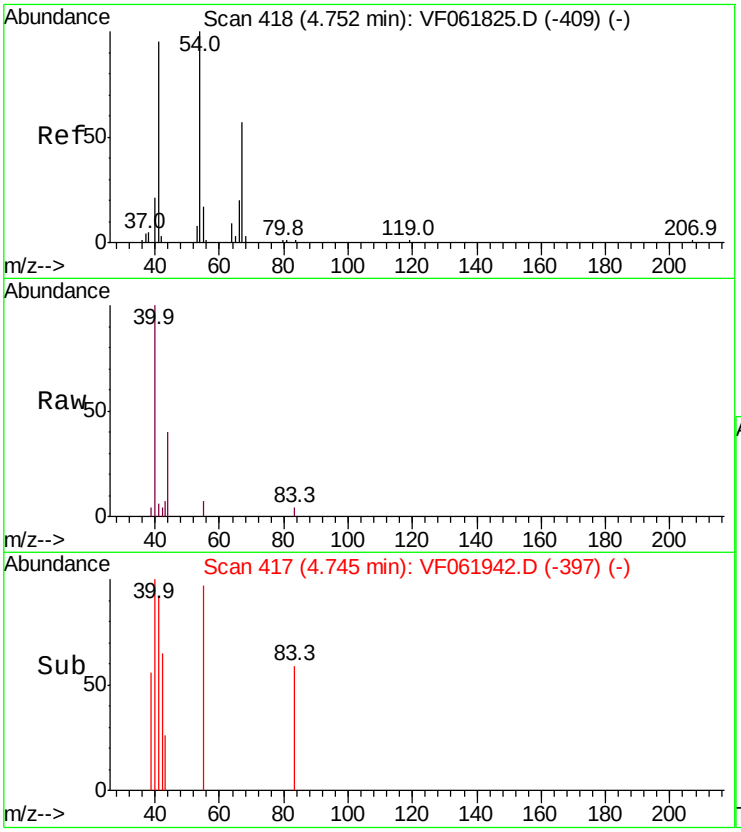


#40
Benzene
Concen: 10.322 ug/l
RT: 4.63 min Scan# 405
Delta R.T. -0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 78 Resp: 144

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.5	29.3#



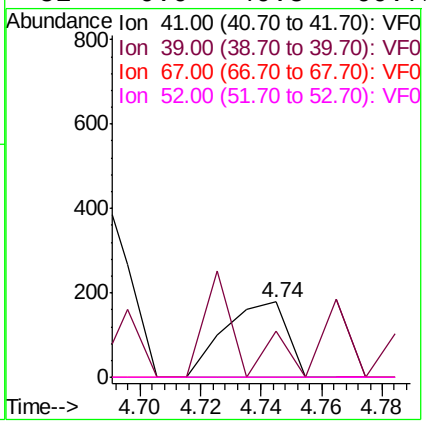


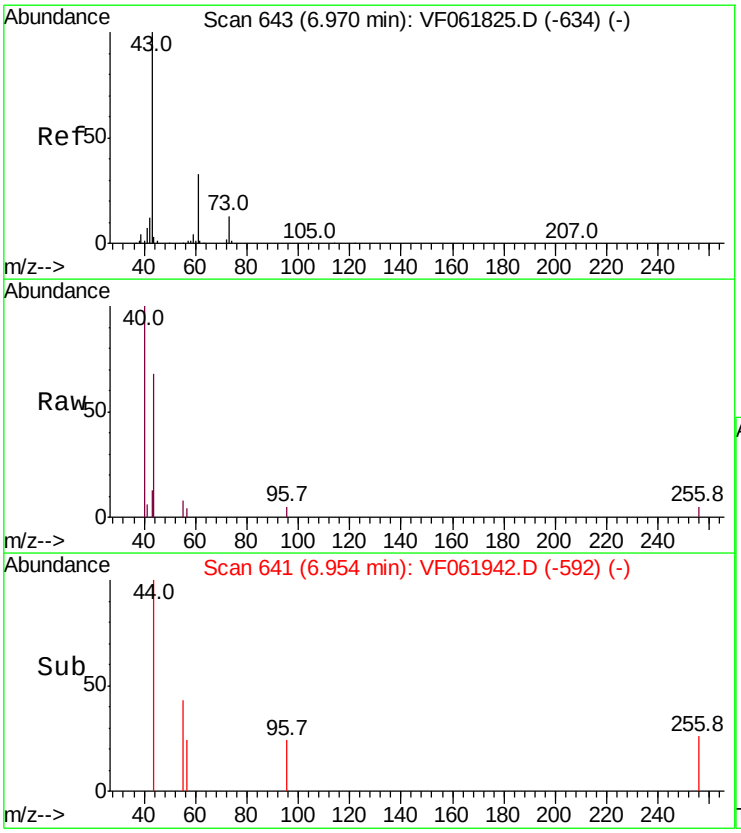
#41
Methacrylonitrile
Concen: 211.839 ug/l
RT: 4.74 min Scan# 417
Delta R.T. -0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 41 Resp: 260

Ion	Ratio	Lower	Upper
41	100		
39	60.3	43.0	64.6
67	0.0	47.8	71.8#
52	0.0	40.5	60.7#

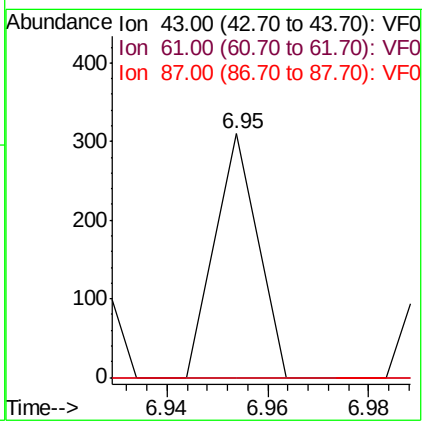


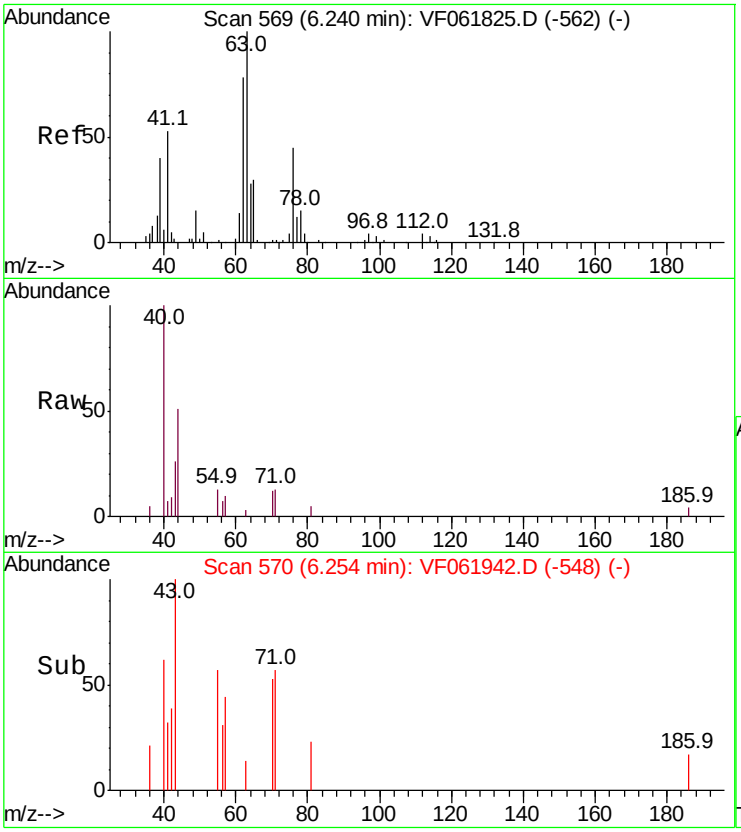


#43
Isopropyl Acetate
Concen: 66.272 ug/l
RT: 6.95 min Scan# 641
Delta R.T. -0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 43 Resp: 183

Ion	Ratio	Lower	Upper
43	100		
61	0.0	26.1	39.1#
87	0.0	0.0	0.0



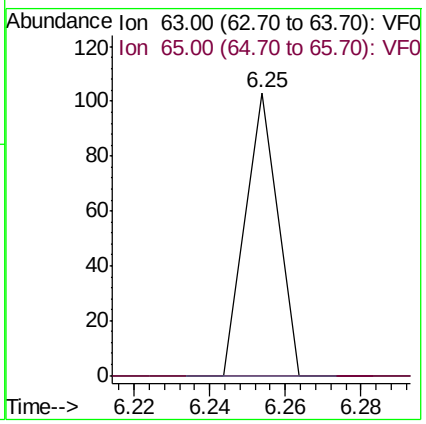


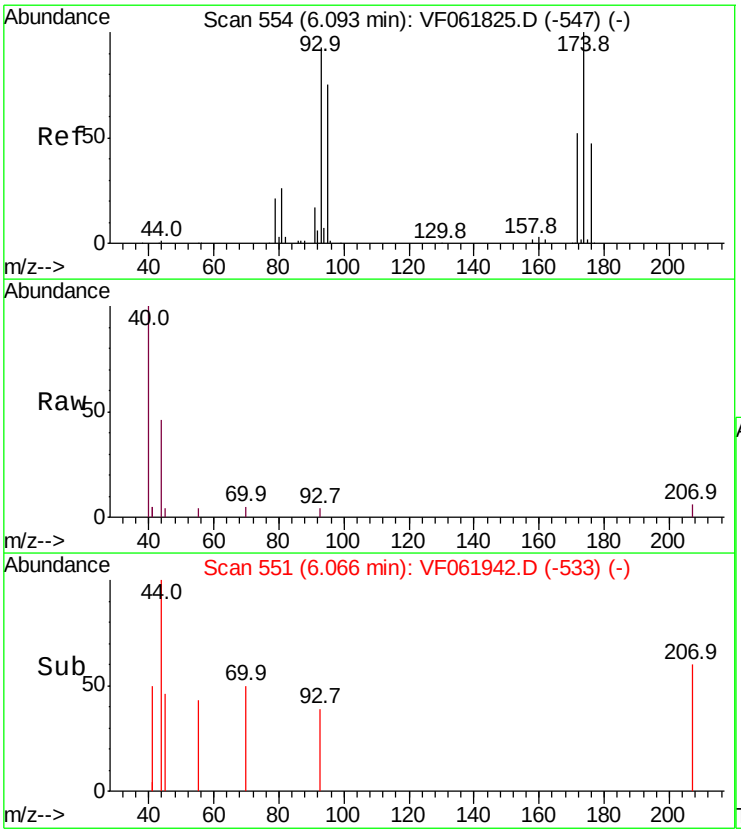
#45
1,2-Dichloropropane
Concen: 18.388 ug/l
RT: 6.25 min Scan# 570
Delta R.T. 0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 63 Resp: 61

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.0	36.0#

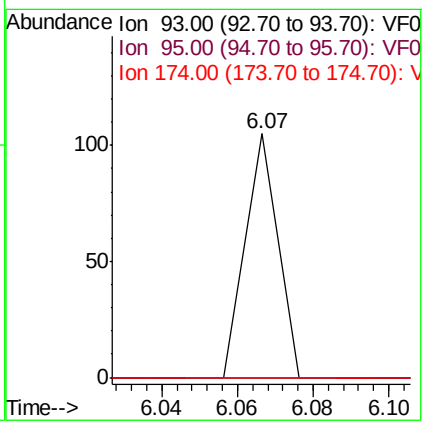


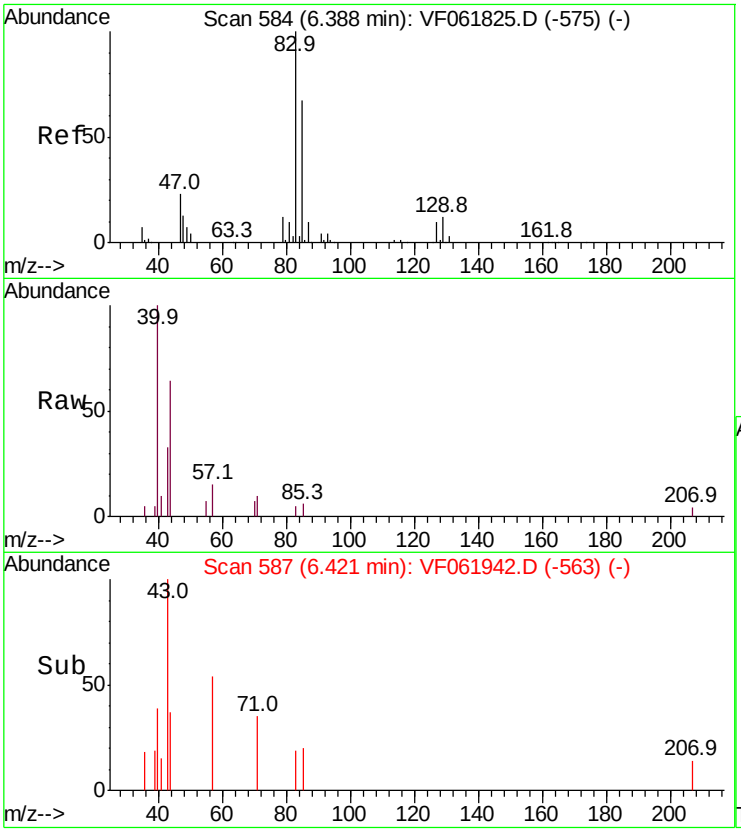


#46
Dibromomethane
Concen: 29.696 ug/l
RT: 6.07 min Scan# 551
Delta R.T. -0.03 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 93 Resp: 62

Ion	Ratio	Lower	Upper
93	100		
95	0.0	64.4	96.6#
174	0.0	85.8	128.6#



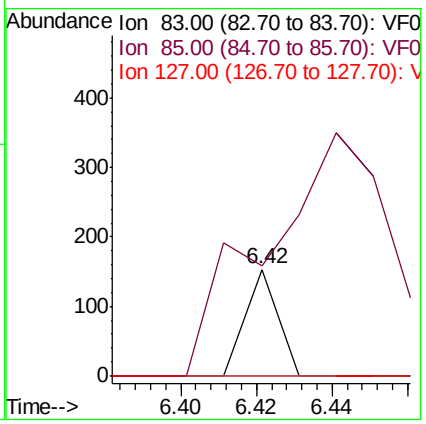


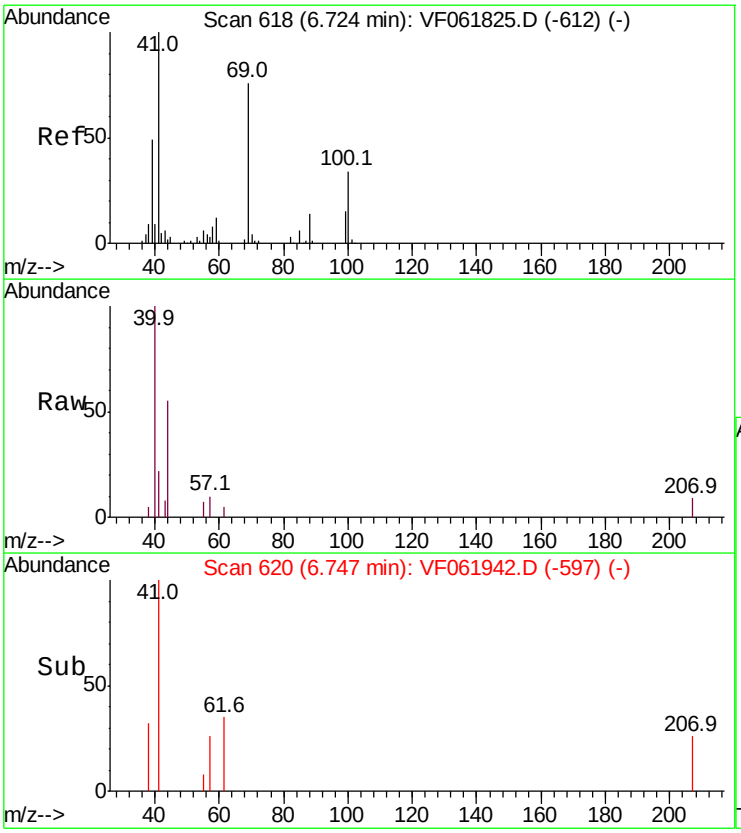
#47
Bromodichloromethane
Concen: 19.729 ug/l
RT: 6.42 min Scan# 587
Delta R.T. 0.03 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 83 Resp: 91

Ion	Ratio	Lower	Upper
83	100		
85	103.9	53.6	80.4#
127	0.0	8.1	12.1#

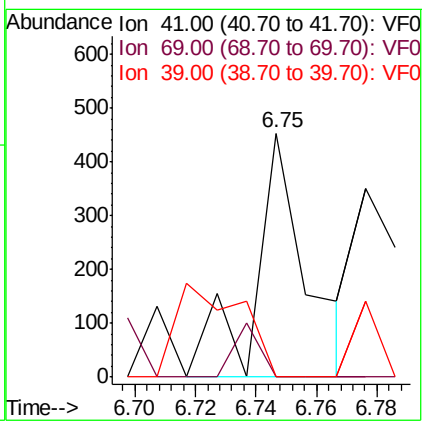


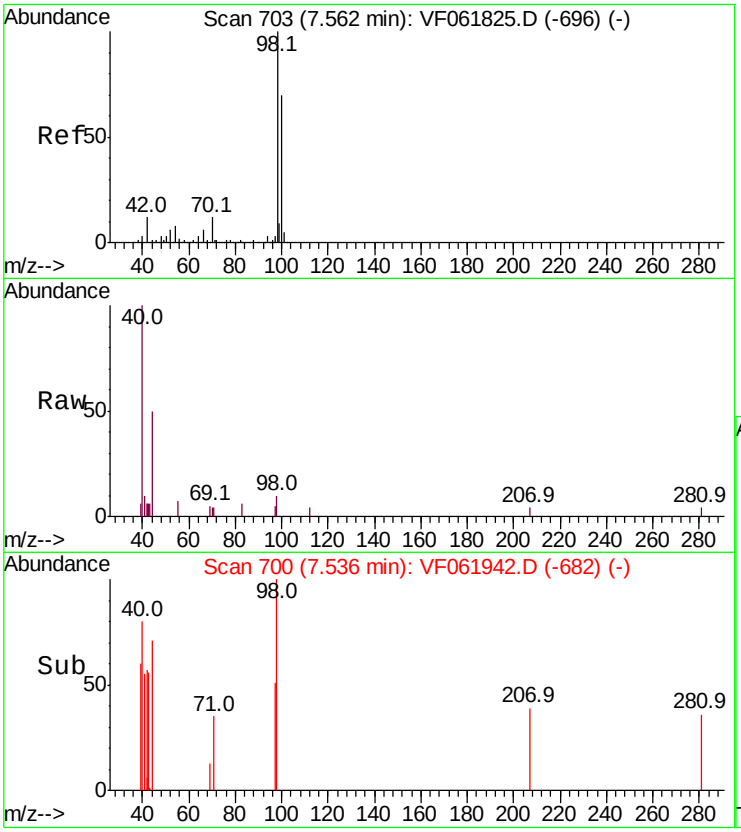


#48
Methyl methacrylate
Concen: 304.992 ug/l
RT: 6.75 min Scan# 620
Delta R.T. 0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 41 Resp: 533

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.4	90.6#
39	0.0	39.7	59.5#



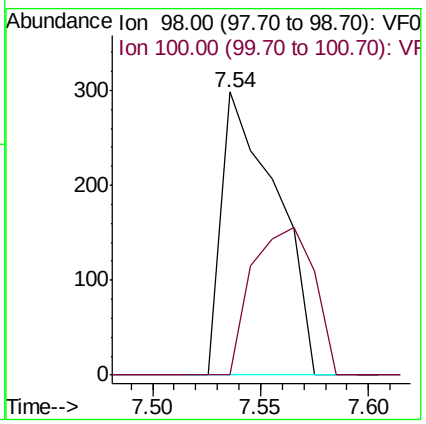


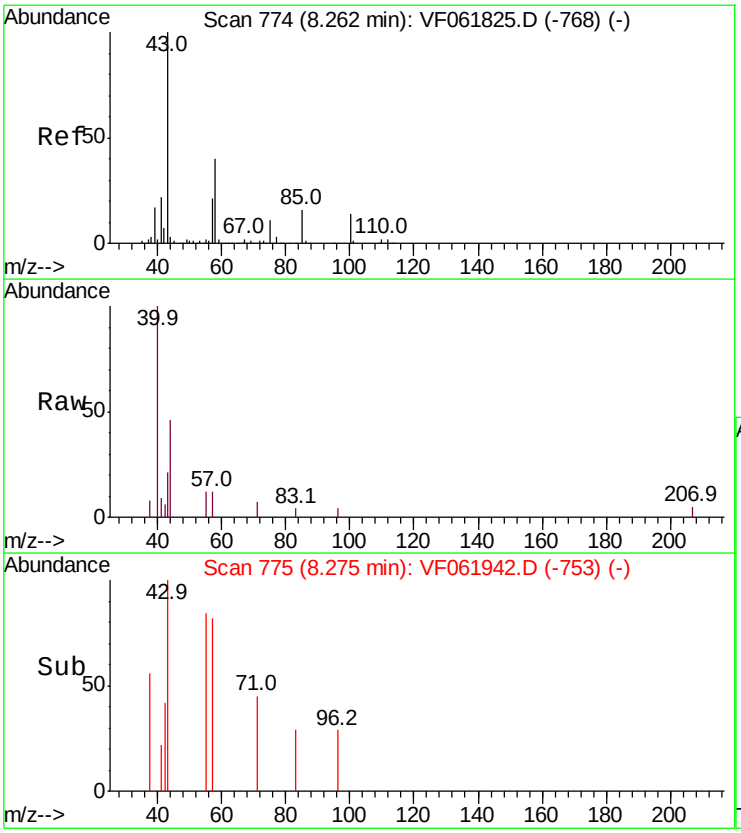
#50
Toluene-d8
Concen: 45.223 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 98 Resp: 530

Ion	Ratio	Lower	Upper
98	100		
100	0.0	56.0	84.0#

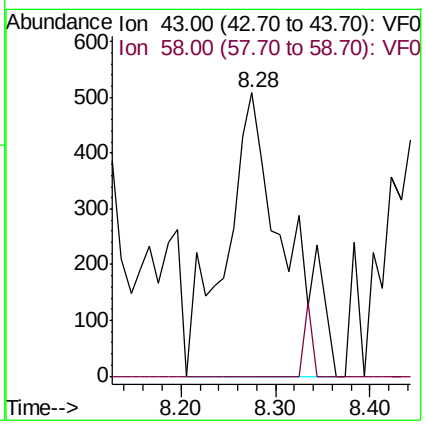


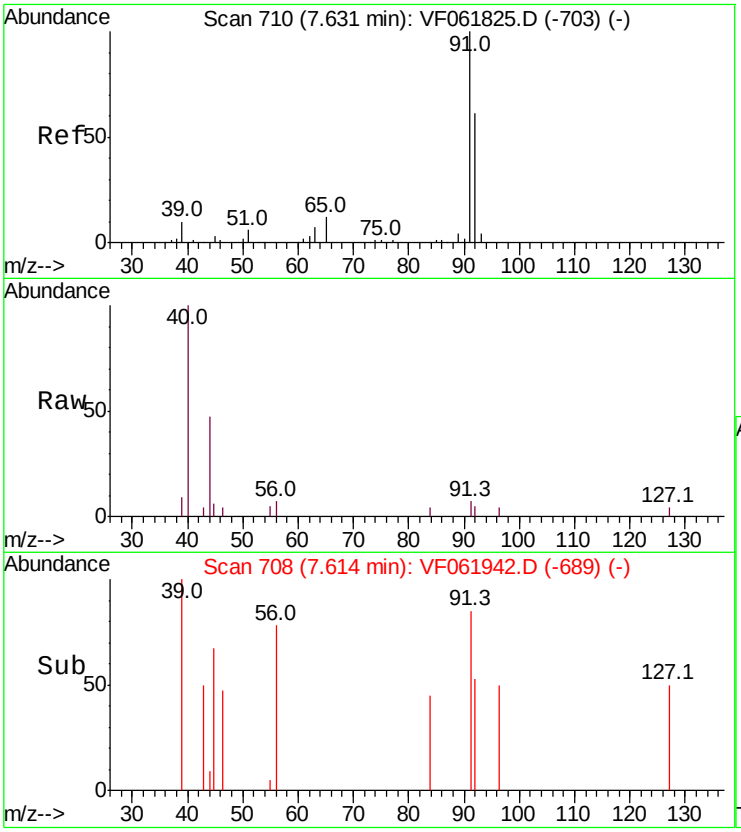


#51
4-Methyl-2-Pentanone
Concen: 1162.189 ug/l
RT: 8.28 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 43 Resp: 2218

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.8#



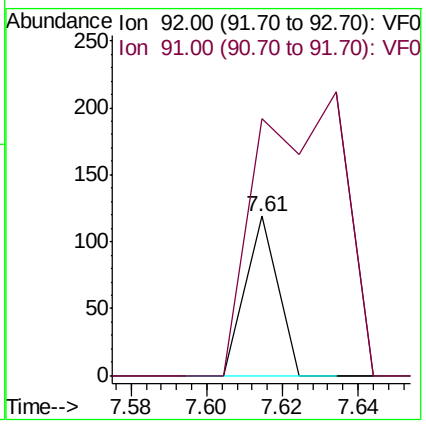


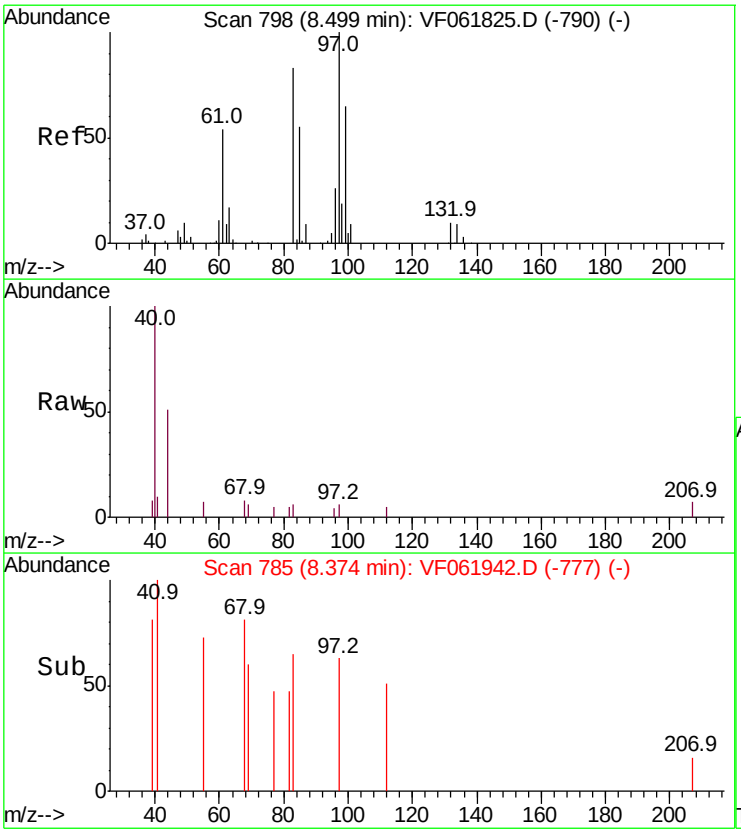
#52
Toluene
Concen: 8.482 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 92 Resp: 70

Ion	Ratio	Lower	Upper
92	100		
91	161.3	132.0	198.0

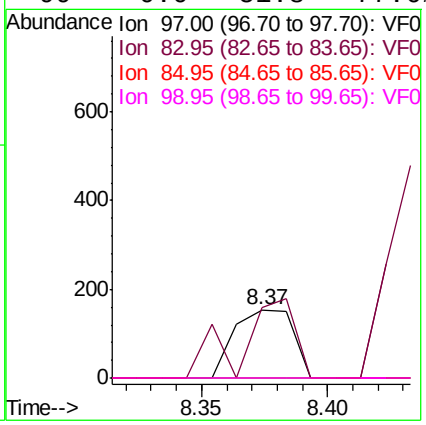


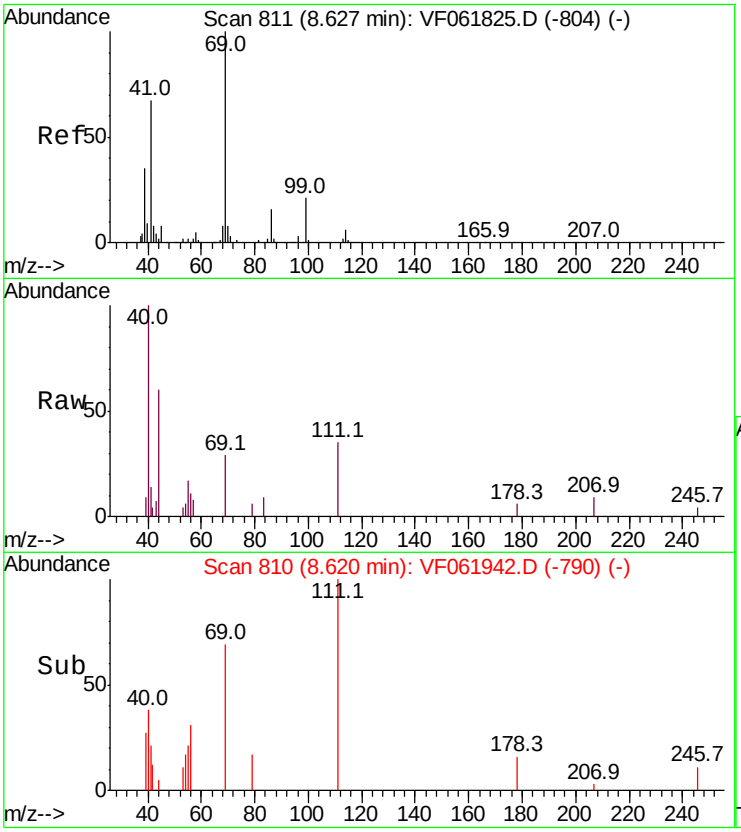


#55
1,1,2-Trichloroethane
Concen: 105.979 ug/l
RT: 8.37 min Scan# 785
Delta R.T. -0.12 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 97 Resp: 252

Ion	Ratio	Lower	Upper
97	100		
83	103.9	66.5	99.7#
85	0.0	44.2	66.2#
99	0.0	51.8	77.6#



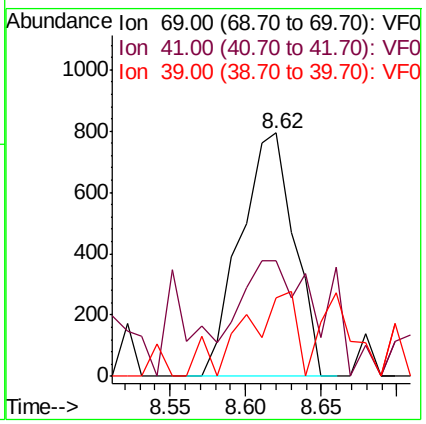


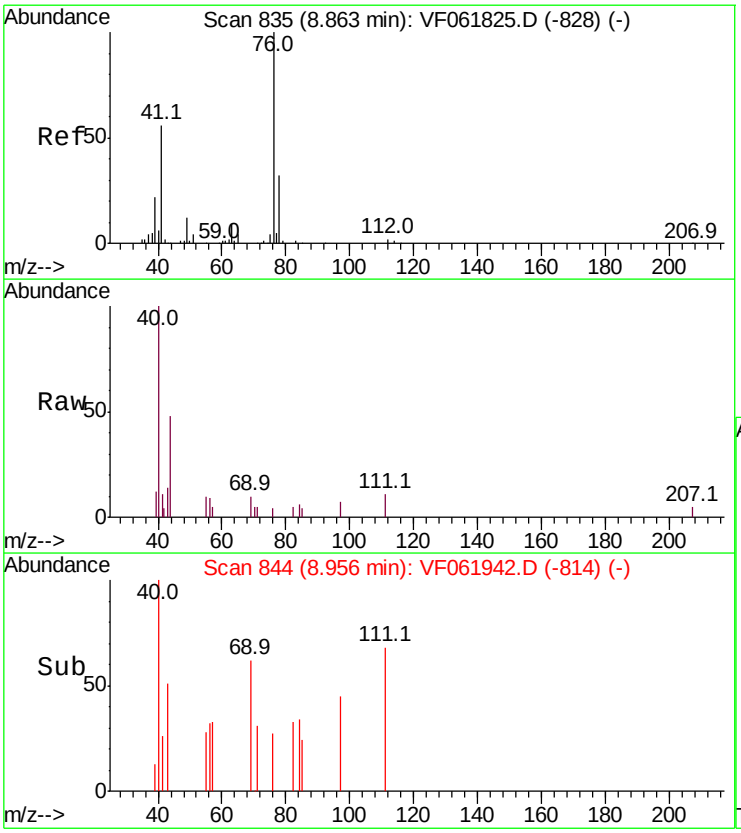
#56
Ethyl methacrylate
Concen: 740.354 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 69 Resp: 1984

Ion	Ratio	Lower	Upper
69	100		
41	47.6	53.9	80.9#
39	32.1	28.3	42.5

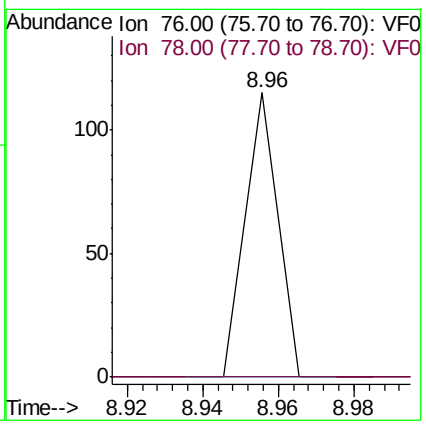


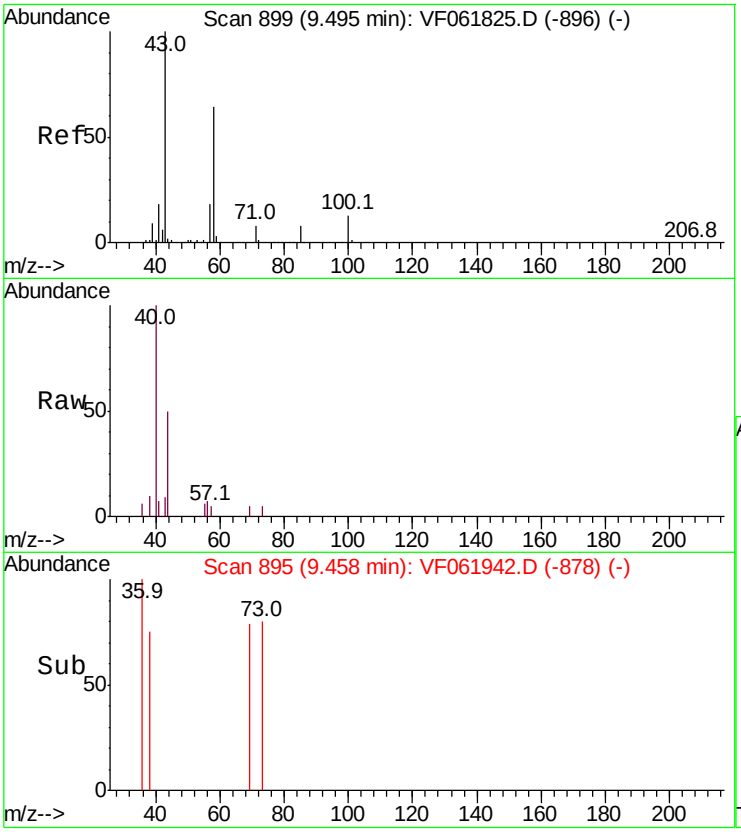


#57
1,3-Dichloropropane
Concen: 17.487 ug/l
RT: 8.96 min Scan# 844
Delta R.T. 0.09 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 76 Resp: 68

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.2#



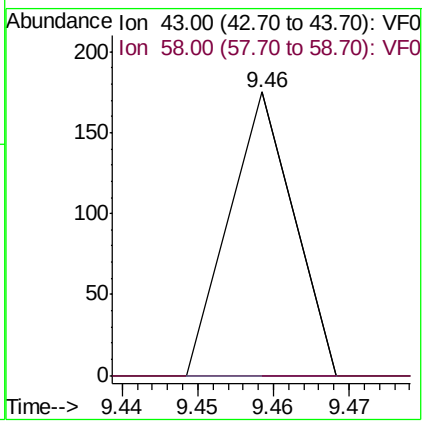


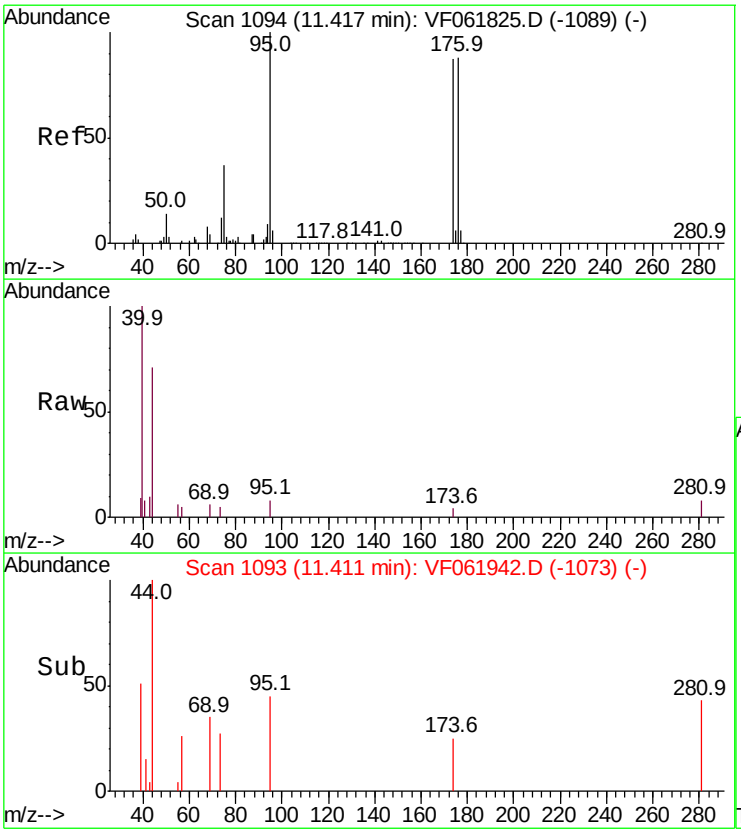
#59
2-Hexanone
Concen: 75.538 ug/l
RT: 9.46 min Scan# 895
Delta R.T. -0.04 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion: 43 Resp: 104

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	86.4#

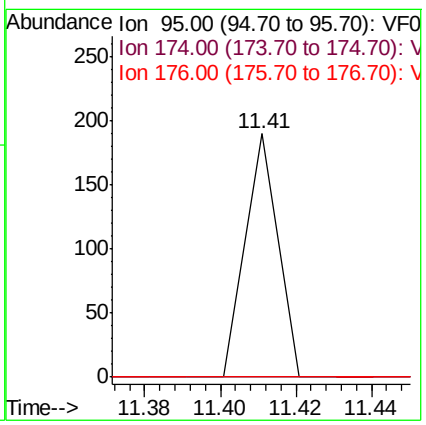


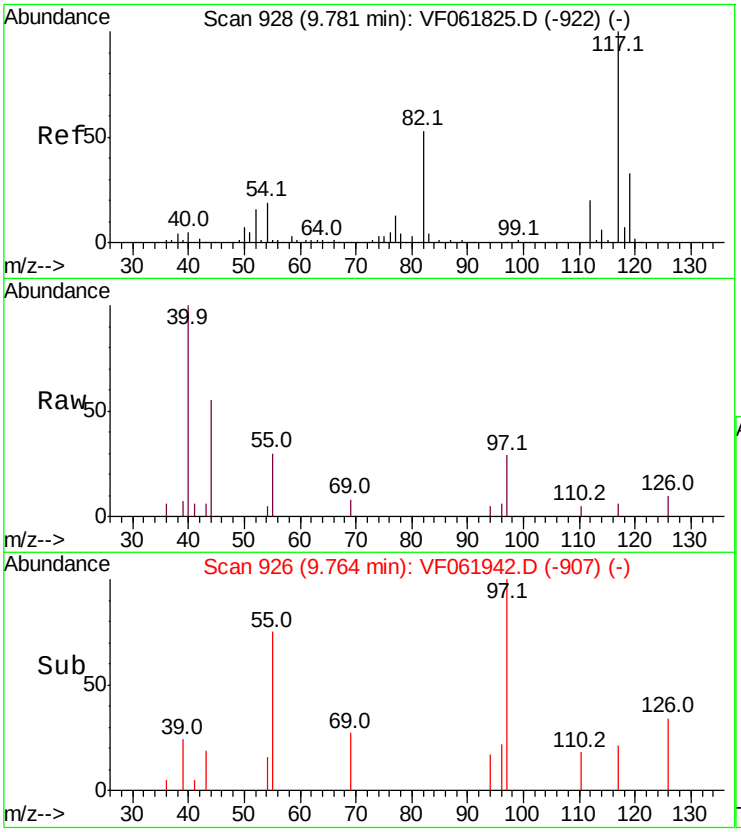


#62
4-Bromofluorobenzene
Concen: 24.396 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 95 Resp: 112

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	174.0
176	0.0	0.0	175.2



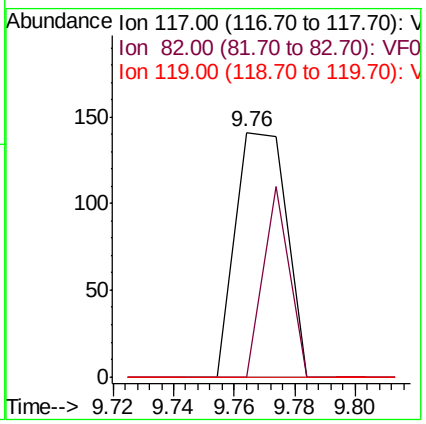


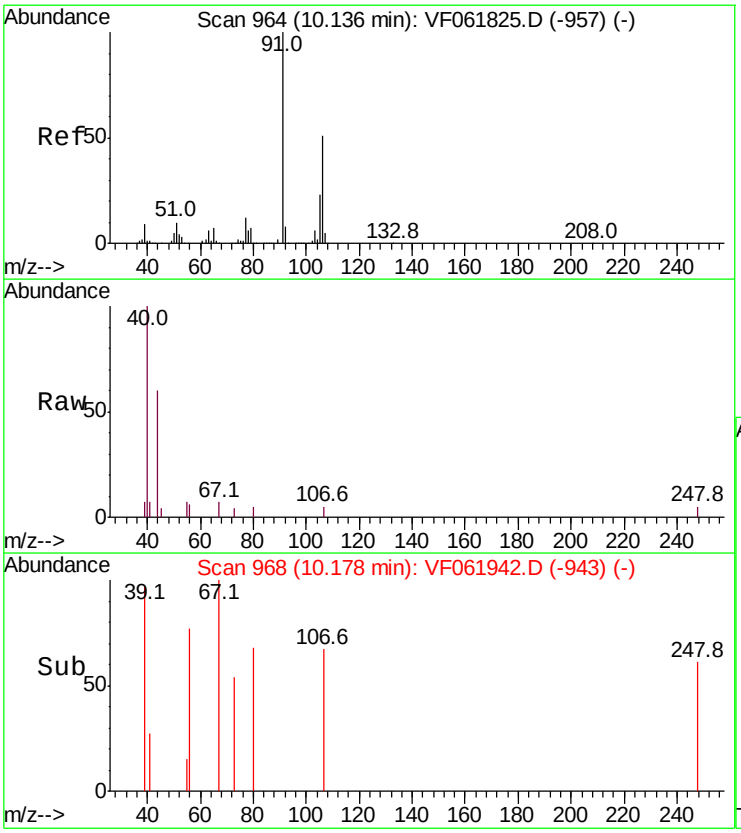
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion:117 Resp: 166

Ion	Ratio	Lower	Upper
117	100		
82	0.0	42.6	63.8#
119	0.0	26.0	39.0#

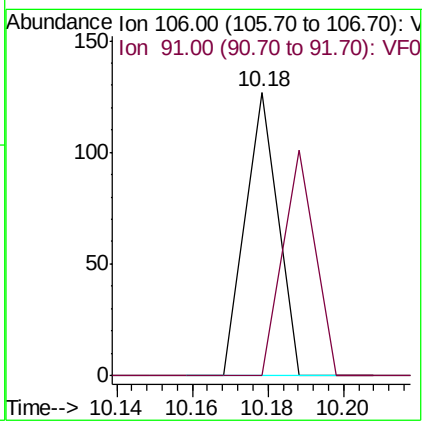


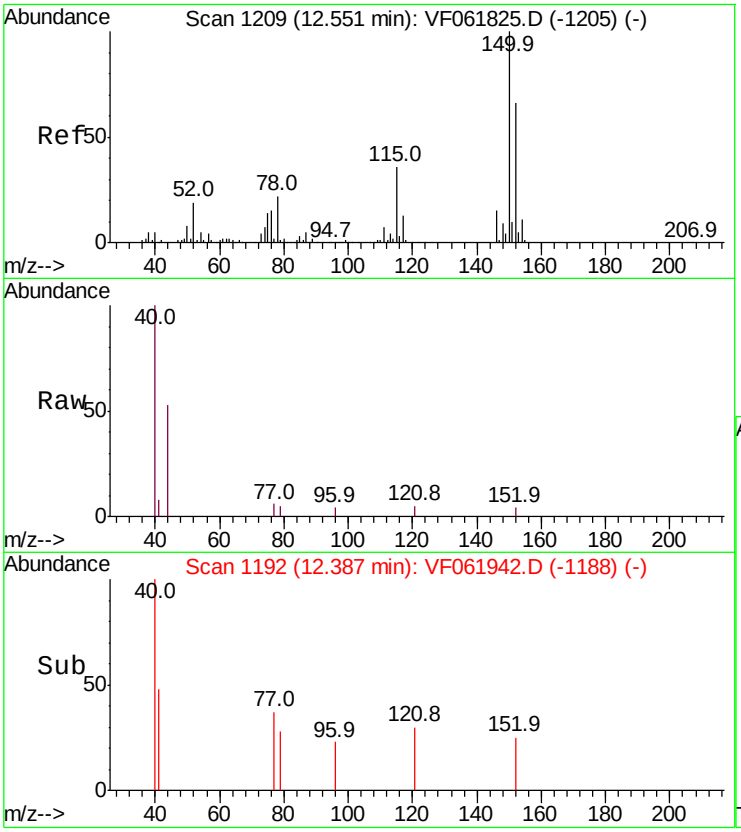


#68
m/p-Xylenes
Concen: 37.037 ug/l
RT: 10.18 min Scan# 968
Delta R.T. 0.04 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion:106 Resp: 75

Ion	Ratio	Lower	Upper
106	100		
91	0.0	157.5	236.3#



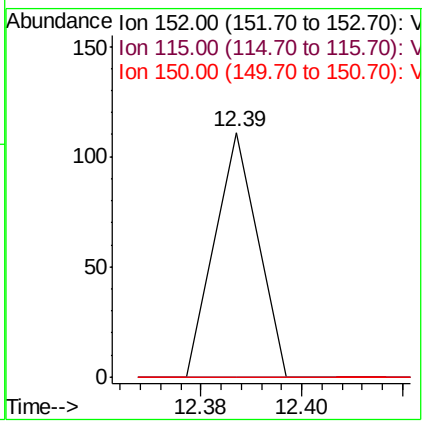


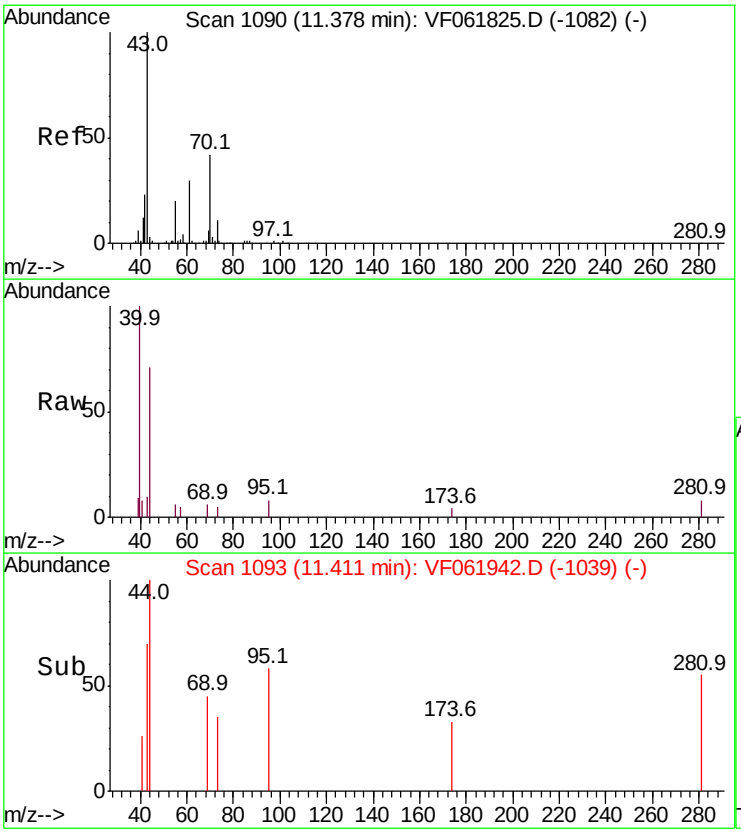
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1192
Delta R.T. -0.16 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion:152 Resp: 66

Ion	Ratio	Lower	Upper
152	100		
115	0.0	27.7	83.1#
150	0.0	0.0	304.2

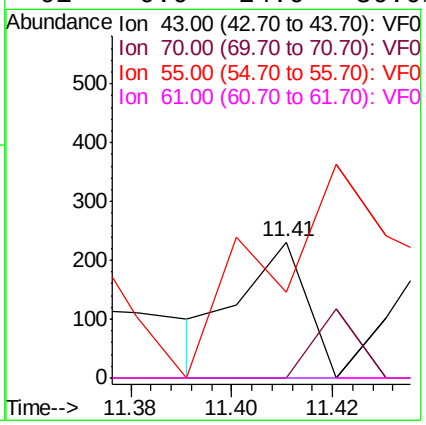


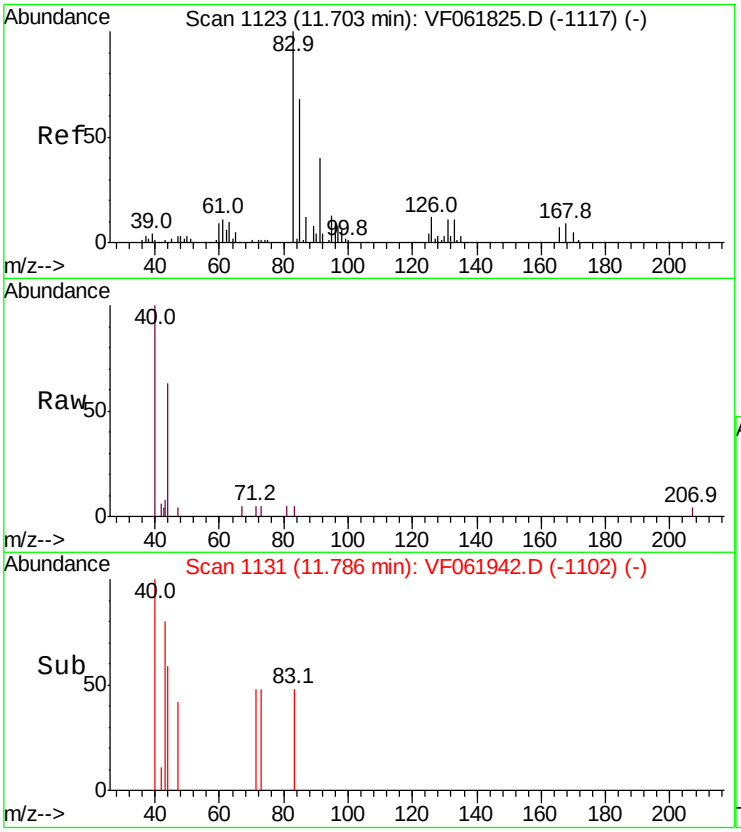


#74
N-amyl acetate
Concen: 201.714 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.03 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 43 Resp: 211

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.0#
55	62.8	16.3	24.5#
61	0.0	24.0	36.0#



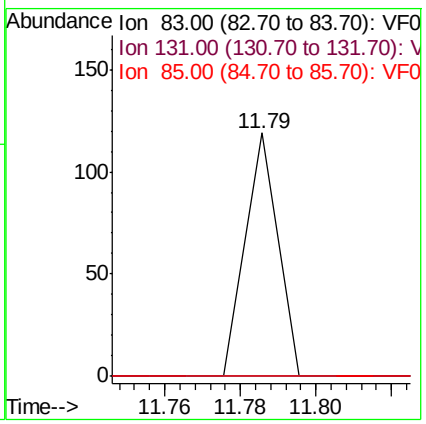


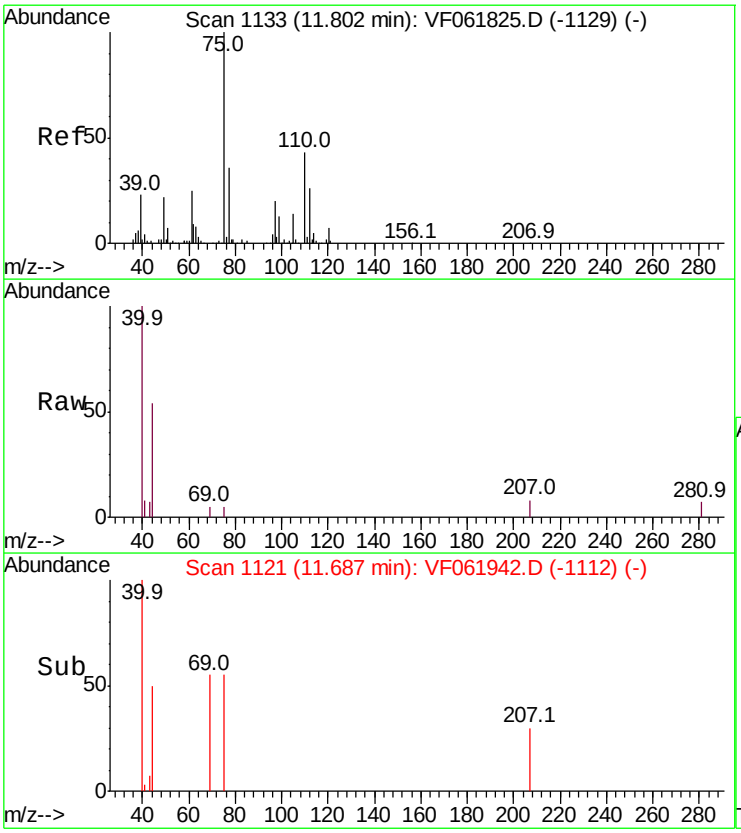
#75
1,1,2,2-Tetrachloroethane
Concen: 92.693 ug/l
RT: 11.79 min Scan# 1131
Delta R.T. 0.08 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion: 83 Resp: 70

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.7#
85	0.0	34.2	102.6#

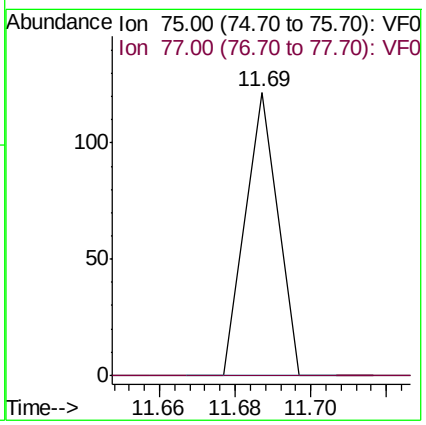


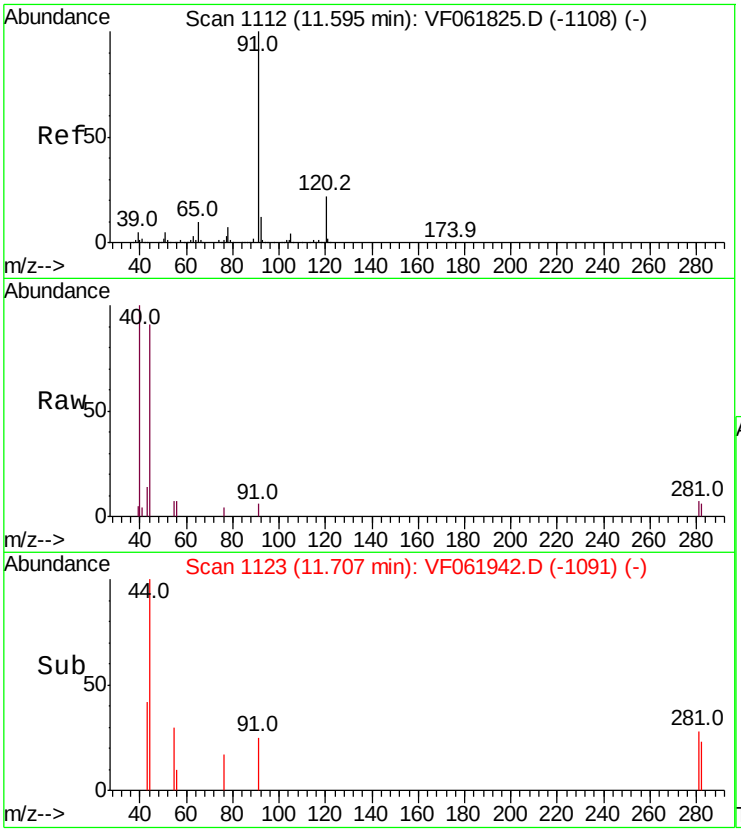


#76
1,2,3-Trichloropropane
Concen: 139.693 ug/l
RT: 11.69 min Scan# 1121
Delta R.T. -0.12 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 75 Resp: 72

Ion	Ratio	Lower	Upper
75	100		
77	0.0	18.1	54.4#



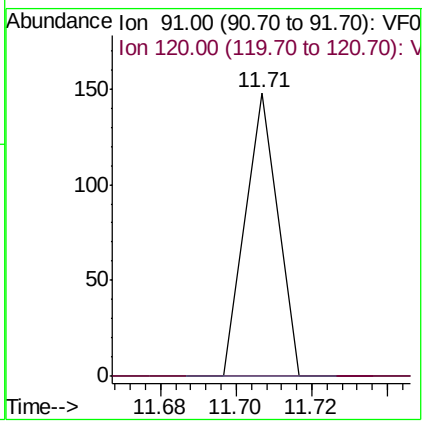


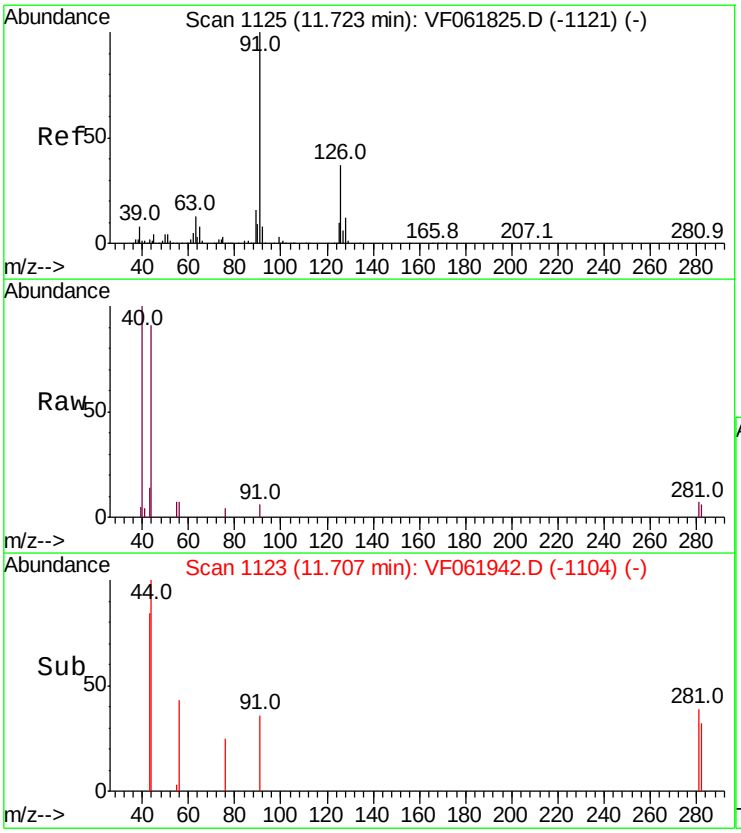
#78
n-propylbenzene
Concen: 17.150 ug/l
RT: 11.71 min Scan# 1123
Delta R.T. 0.11 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion: 91 Resp: 88

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.1	33.1#

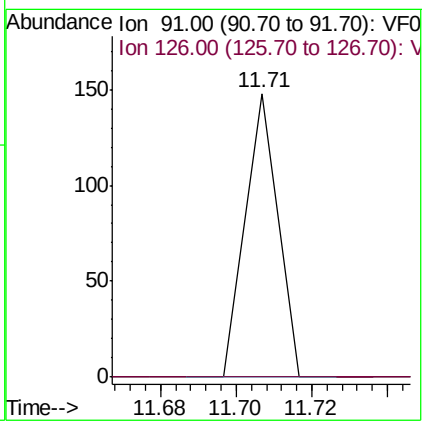


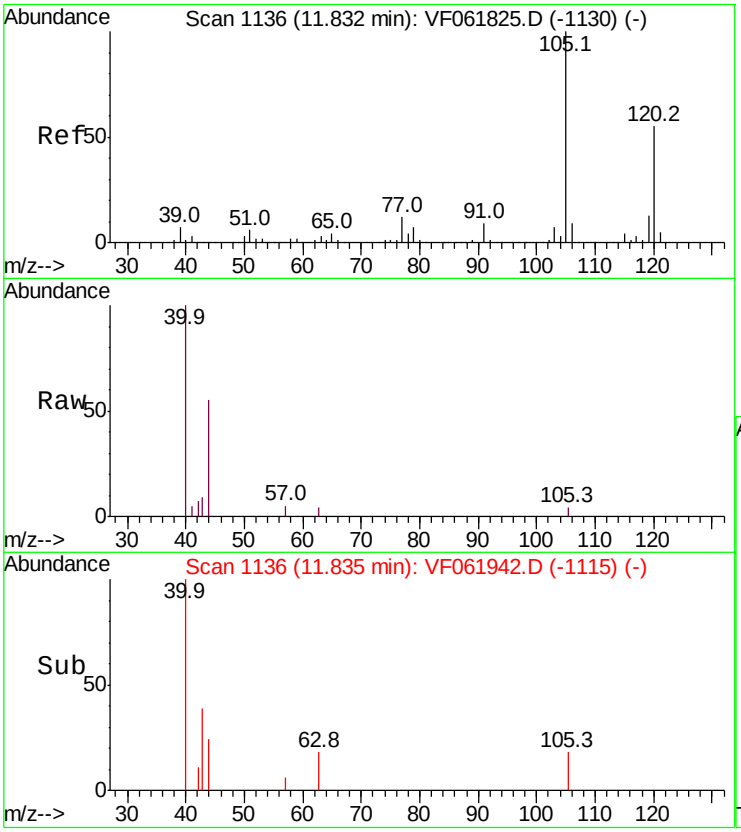


#79
2-Chlorotoluene
Concen: 29.997 ug/l
RT: 11.71 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 91 Resp: 88

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.4#



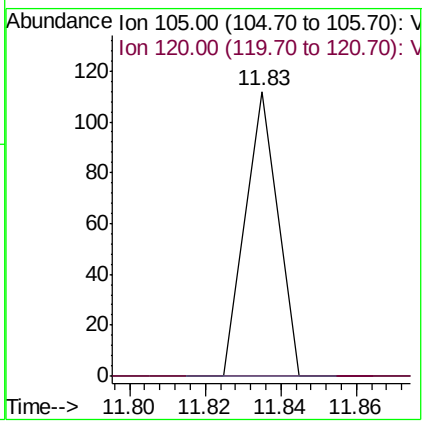


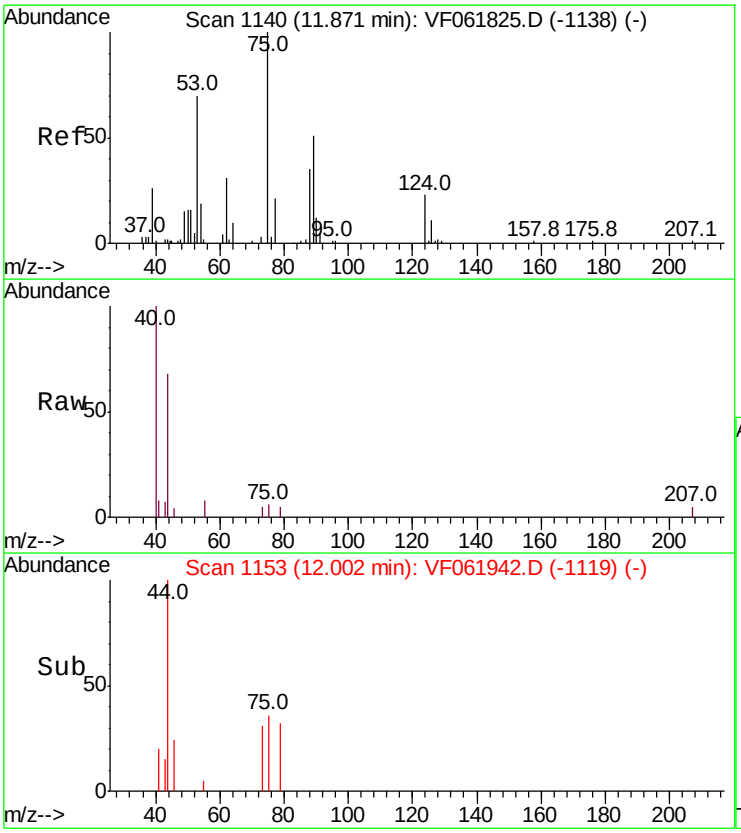
#80
1,3,5-Trimethylbenzene
Concen: 18.092 ug/l
RT: 11.83 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion:105 Resp: 66

Ion	Ratio	Lower	Upper
105	100		
120	0.0	27.4	82.2#

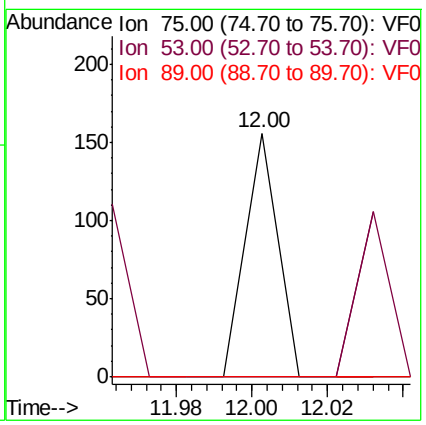


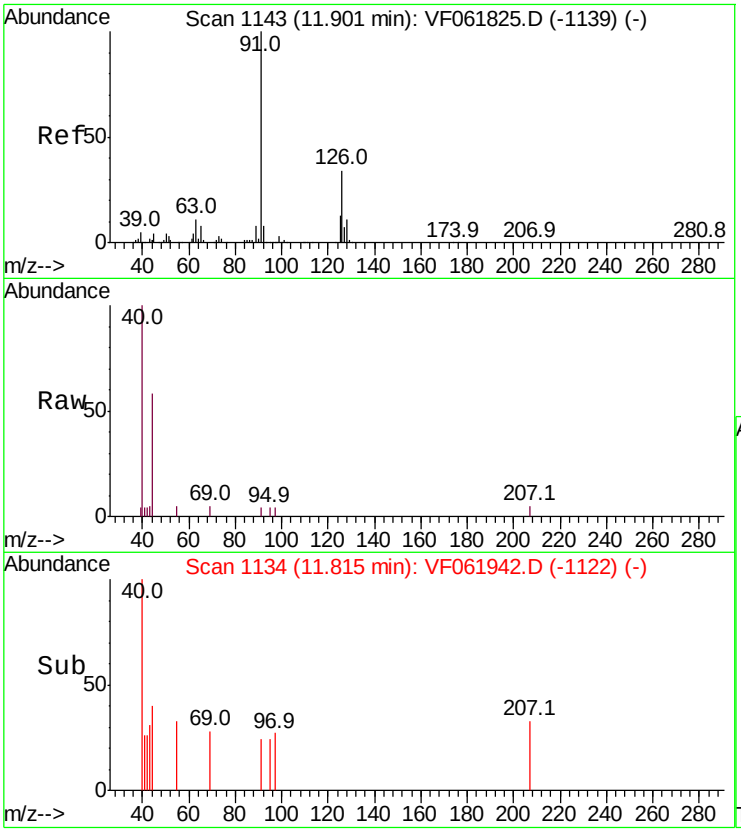


#81
trans-1,4-Dichloro-2-butene
Concen: 390.354 ug/l
RT: 12.00 min Scan# 1153
Delta R.T. 0.13 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 75 Resp: 92

Ion	Ratio	Lower	Upper
75	100		
53	0.0	58.6	88.0#
89	0.0	41.4	62.0#



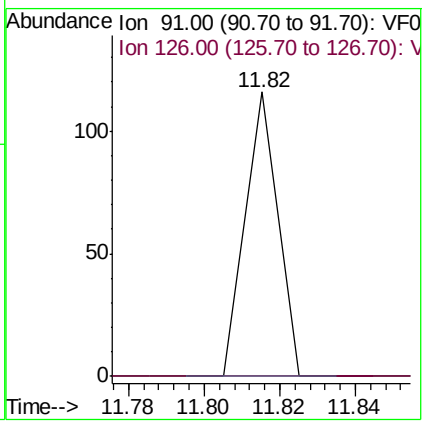


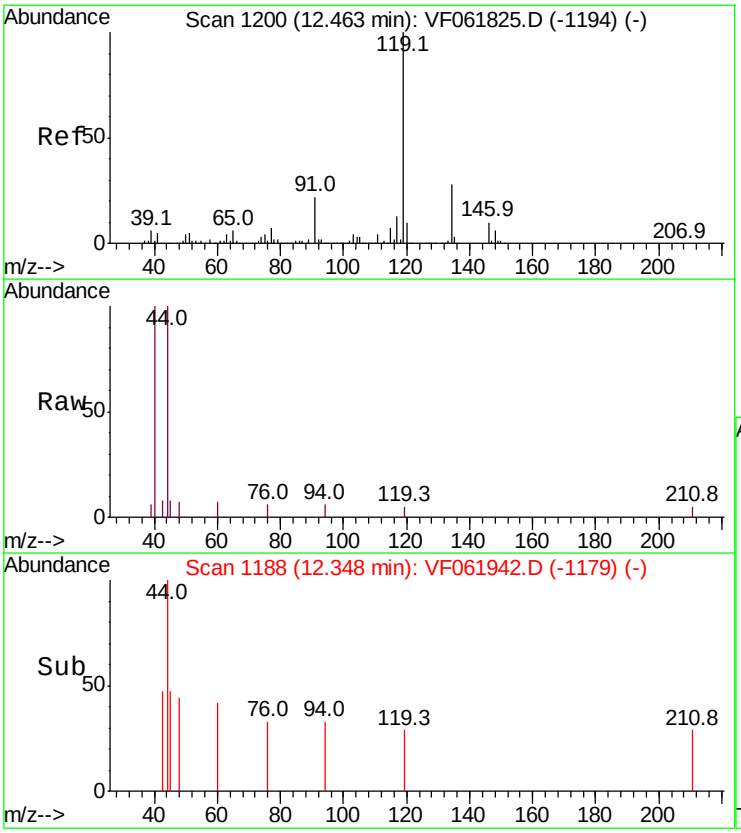
#82
4-Chlorotoluene
Concen: 22.995 ug/l
RT: 11.82 min Scan# 1134
Delta R.T. -0.09 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument : MSVOA_F
ClientSampleId : ORG-031419

Tgt Ion: 91 Resp: 69

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.0	50.9#

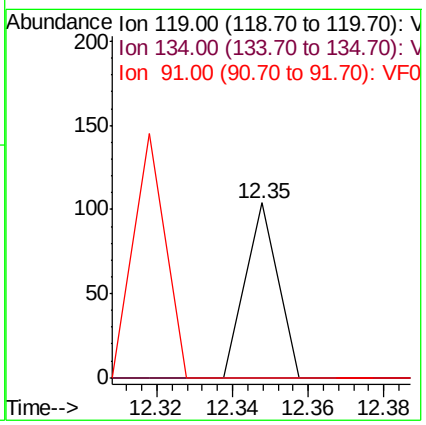


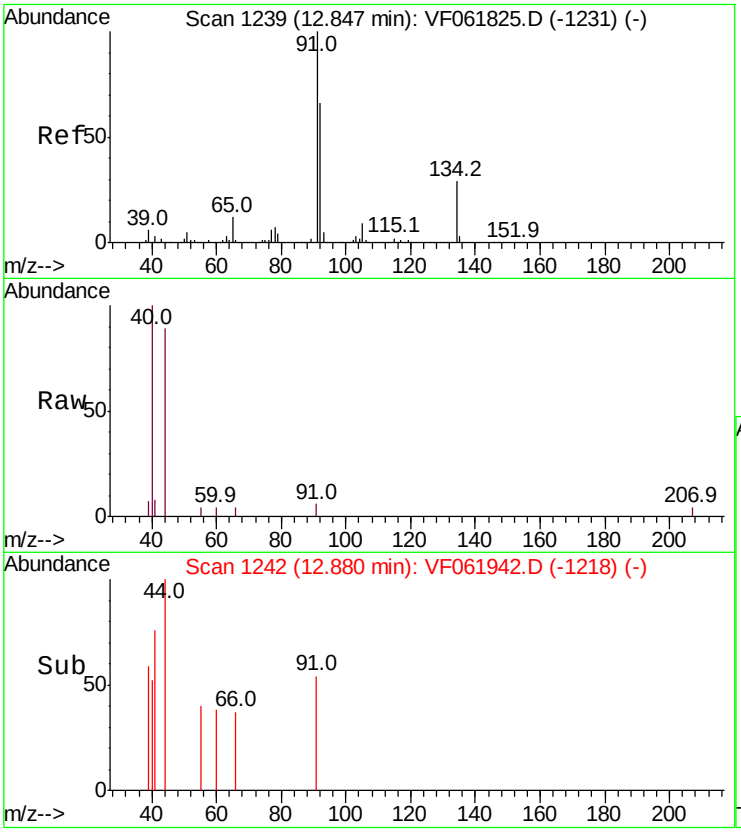


#86
p-Isopropyltoluene
Concen: 14.469 ug/l
RT: 12.35 min Scan# 1188
Delta R.T. -0.12 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion:119 Resp: 62

Ion	Ratio	Lower	Upper
119	100		
134	0.0	14.0	42.0#
91	0.0	11.1	33.3#



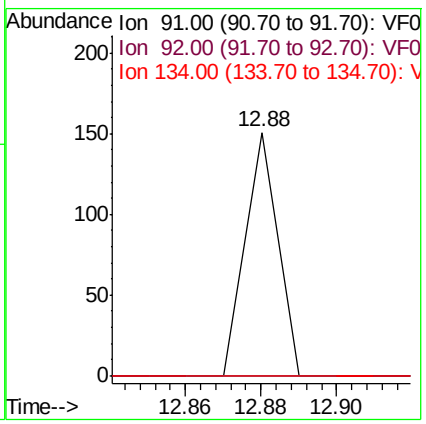


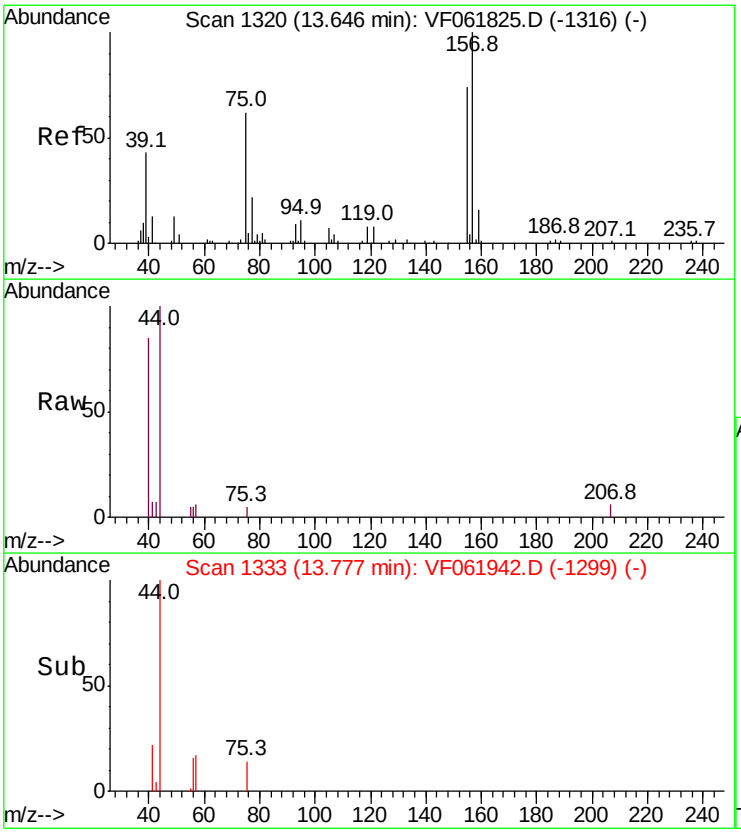
#89
n-Butylbenzene
Concen: 21.734 ug/l
RT: 12.88 min Scan# 1242
Delta R.T. 0.03 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion: 91 Resp: 89

Ion	Ratio	Lower	Upper
91	100		
92	0.0	32.9	98.6#
134	0.0	14.5	43.6#

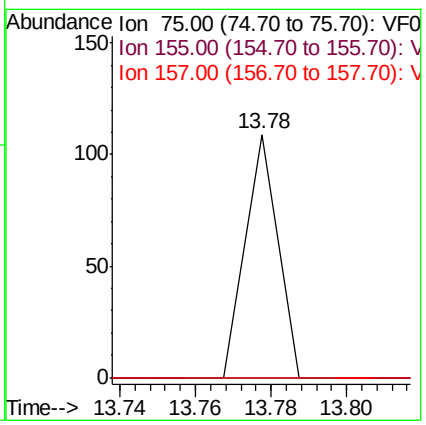


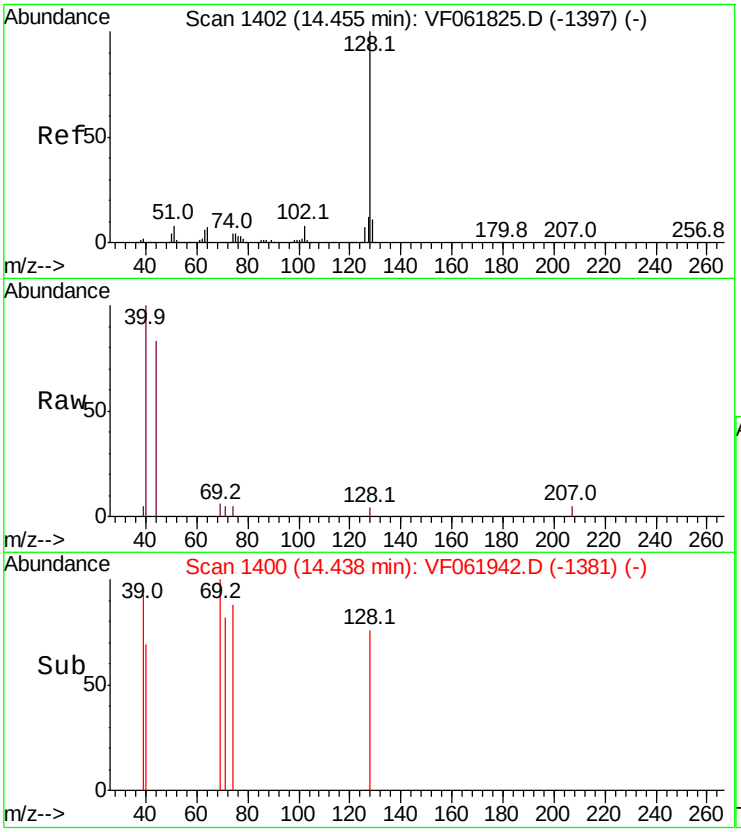


#92
1,2-Dibromo-3-Chloropropane
Concen: 462.082 ug/l
RT: 13.78 min Scan# 1333
Delta R.T. 0.13 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Tgt Ion: 75 Resp: 65

Ion	Ratio	Lower	Upper
75	100		
155	0.0	59.8	179.4#
157	0.0	81.2	243.4#





#95
Naphthalene
Concen: 26.461 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.02 min
Lab File: VF061942.D
Acq: 14 Mar 2019 16:54

Instrument :
MSVOA_F
ClientSampleId :
ORG-031419

Tgt Ion:128 Resp: 65

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.3	13.9#
129	0.0	8.8	13.2#