Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059218.D
Acq On : 20 Jun 2018 6:45
Operator : VA/AP
Sample : J3575-06
Misc : 11.43g/5mL/MSVOA-F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 20 07:46:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	1203	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	1299	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	69	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	140	9.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 19.20%			
35) Dibromofluoromethane	4.28	113	367	40.26	ug/l	-0.01
Spiked Amount 50.000			Recovery = 80.52%			
50) Toluene-d8	7.70	98	1271	47.47	ug/l	-0.01
Spiked Amount 50.000			Recovery = 94.94%			
62) 4-Bromofluorobenzene	11.52	95	444	32.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	135	9.915	ug/l #	42
3) Chloromethane	1.09	50	162	15.360	ug/l #	41
4) Vinyl Chloride	0.99	62	71	7.462	ug/l #	43
6) Chloroethane	1.39	64	64	16.210	ug/l #	44
7) Trichlorofluoromethane	1.48	101	60	4.057	ug/l #	17
11) Tert butyl alcohol	2.62	59	62	66.323	ug/l #	71
12) 1,1-Dichloroethene	1.94	96	86	10.849	ug/l #	1
13) Acrolein	1.98	56	61	75.390	ug/l #	12
14) Allyl chloride	2.20	41	115	7.392	ug/l #	4
15) Acrylonitrile	3.11	53	141	75.944	ug/l #	13
16) Acetone	2.35	43	76	21.817	ug/l #	59
18) Methyl Acetate	2.45	43	145	24.214	ug/l #	66
19) Methyl tert-butyl Ether	2.55	73	84	3.414	ug/l #	58
20) Methylene Chloride	2.26	84	84	10.071	ug/l #	1
21) trans-1,2-Dichloroethene	2.43	96	141	16.219	ug/l #	1
22) Diisopropyl ether	2.95	45	77	2.518	ug/l #	1
23) Vinyl Acetate	3.31	43	167	8.282	ug/l #	78
25) 2-Butanone	4.49	43	171	31.663	ug/l #	56
26) 2,2-Dichloropropane	3.63	77	79	5.873	ug/l #	1
27) cis-1,2-Dichloroethene	3.59	96	59	4.410	ug/l	1
28) Bromochloromethane	3.76	49	85	10.185	ug/l #	2
29) Tetrahydrofuran	4.23	42	71	29.836	ug/l #	36
32) 1,1,1-Trichloroethane	4.39	97	79	3.990	ug/l #	20
37) Ethyl Acetate	4.22	43	117	15.039	ug/l #	17
39) Methylcyclohexane	5.66	83	62	4.831	ug/l #	13
40) Benzene	4.69	78	67	2.293	ug/l #	50
41) Methacrylonitrile	4.94	41	533	139.449	ug/l #	24
42) 1,2-Dichloroethane	5.00	62	60	4.578	ug/l	82
43) Isopropyl Acetate	7.12	43	82	7.870	ug/l #	44
45) 1,2-Dichloropropane	6.32	63	89	10.562	ug/l #	44
48) Methyl methacrylate	6.89	41	229	35.653	ug/l #	15
49) 1,4-Dioxane	7.00	88	85	2117.406	ug/l #	16
51) 4-Methyl-2-Pentanone	8.40	43	243	34.027	ug/l #	38
52) Toluene	7.90	92	68	3.230	ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061918\
Data File : VF059218.D
Acq On : 20 Jun 2018 6:45
Operator : VA/AP
Sample : J3575-06
Misc : 11.43g/5mL/MSVOA-F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 20 07:46:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) t-1,3-Dichloropropene	8.43	75	67	4.796	ug/l	#	43
54) cis-1,3-Dichloropropene	7.51	75	91	5.671	ug/l	#	26
55) 1,1,2-Trichloroethane	8.66	97	61	7.997	ug/l	#	16
56) Ethyl methacrylate	8.69	69	74	7.696	ug/l	#	20
57) 1,3-Dichloropropane	9.05	76	95	7.280	ug/l	#	42
59) 2-Hexanone	9.66	43	261	46.205	ug/l		67
60) Dibromochloromethane	9.00	129	62	5.656	ug/l	#	12
67) Ethyl Benzene	9.99	91	60	2.502	ug/l	#	44
69) o-Xylene	10.82	106	60	6.183	ug/l	#	1
70) Styrene	10.87	104	85	5.789	ug/l	#	30
73) Isopropylbenzene	11.24	105	147	30.771	ug/l	#	50
74) N-amyl acetate	11.44	43	408	239.090	ug/l	#	46
75) 1,1,2,2-Tetrachloroethane	11.91	83	61	53.859	ug/l	#	24
76) 1,2,3-Trichloropropane	11.88	75	80	95.641	ug/l	#	1
78) n-propylbenzene	11.67	91	66	11.672	ug/l	#	53
79) 2-Chlorotoluene	11.67	91	66	19.758	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.97	105	63	15.934	ug/l	#	28
81) trans-1,4-Dichloro-2-buten	11.88	75	80	147.512	ug/l	#	19
82) 4-Chlorotoluene	12.09	91	64	17.997	ug/l	#	40
83) tert-Butylbenzene	12.20	119	85	21.651	ug/l	#	29
84) 1,2,4-Trimethylbenzene	12.16	105	74	18.063	ug/l	#	28
85) sec-Butylbenzene	12.53	105	63	11.810	ug/l	#	58
86) p-Isopropyltoluene	12.65	119	90	20.541	ug/l	#	50
89) n-Butylbenzene	12.93	91	93	18.523	ug/l	#	28
90) Hexachloroethane	13.04	117	60	55.606	ug/l	#	24
92) 1,2-Dibromo-3-Chloropropan	13.71	75	71	319.591	ug/l	#	8
95) Naphthalene	14.54	128	76	23.789	ug/l	#	70

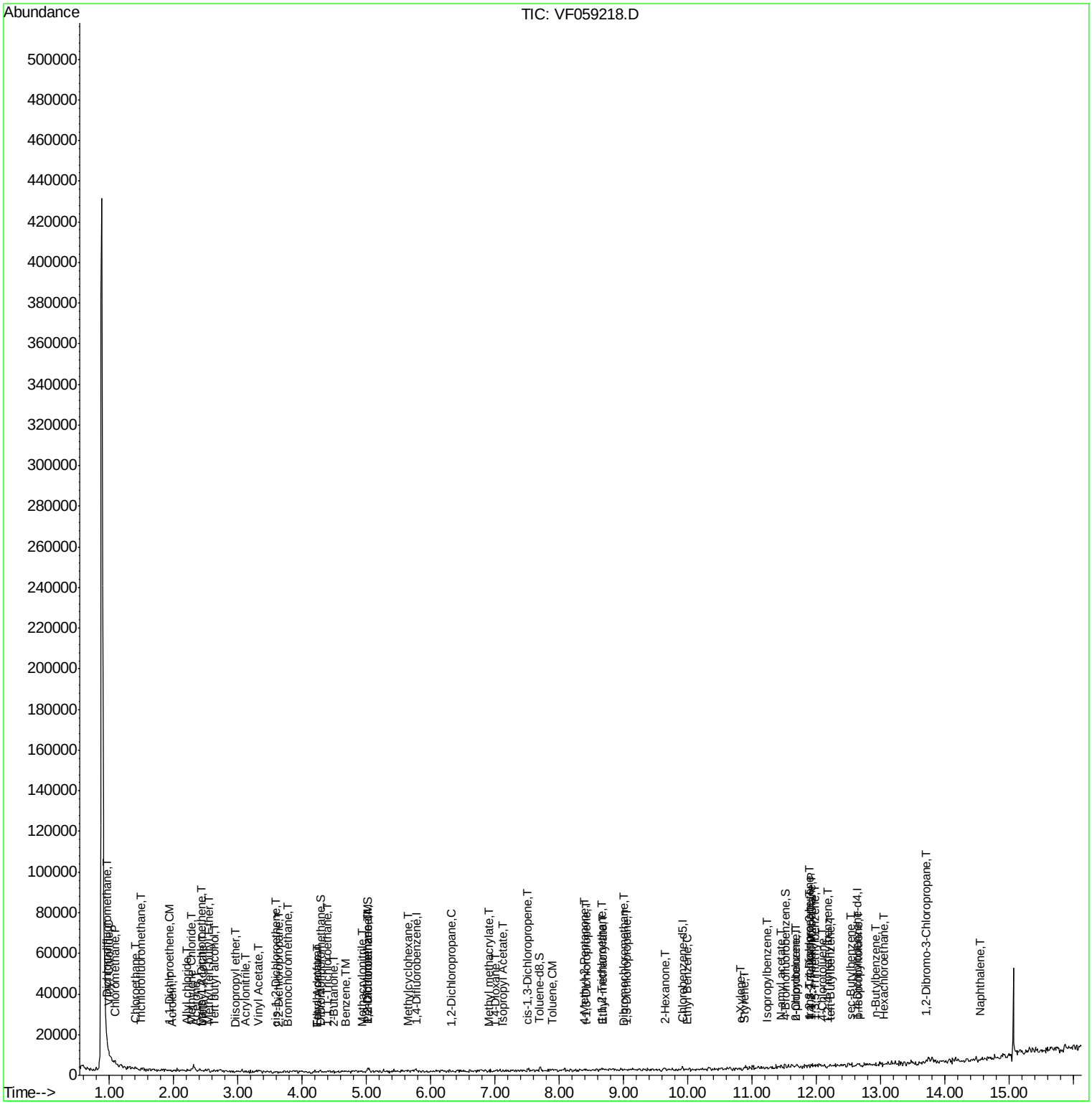
(#) = qualifier out of range (m) = manual integration (+) = signals summed

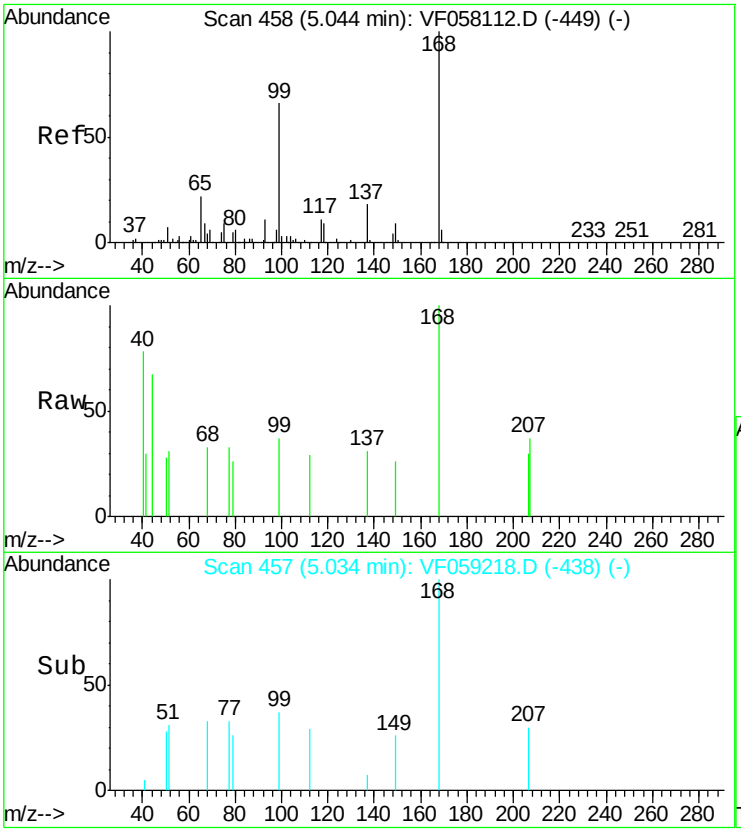
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059218.D
Acq On : 20 Jun 2018 6:45
Operator : VA/AP
Sample : J3575-06
Misc : 11.43g/5mL/MSVOA-F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 20 07:46:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration



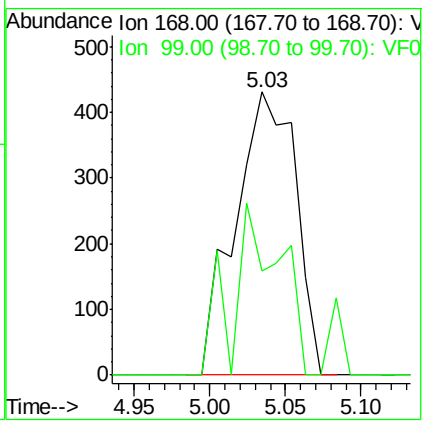


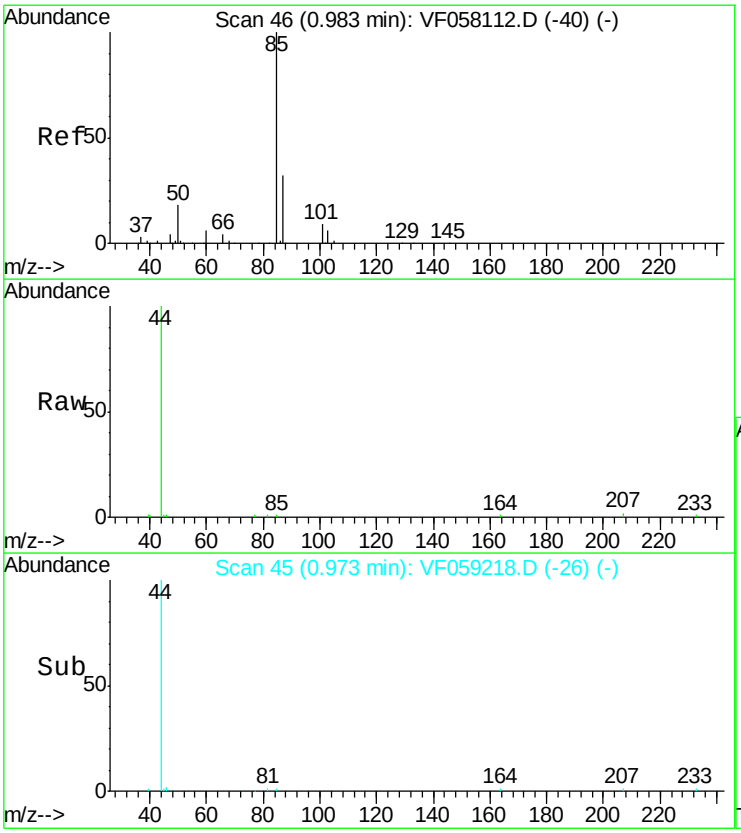
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 1203

Ion	Ratio	Lower	Upper
168	100		
99	36.9	52.9	79.3#

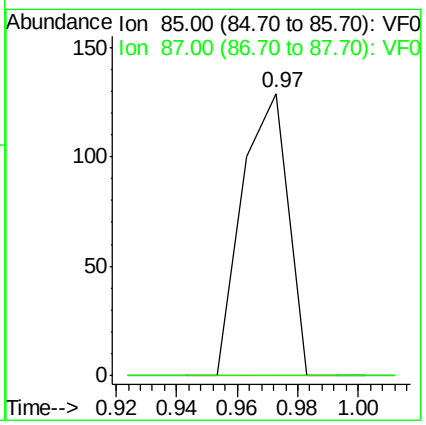


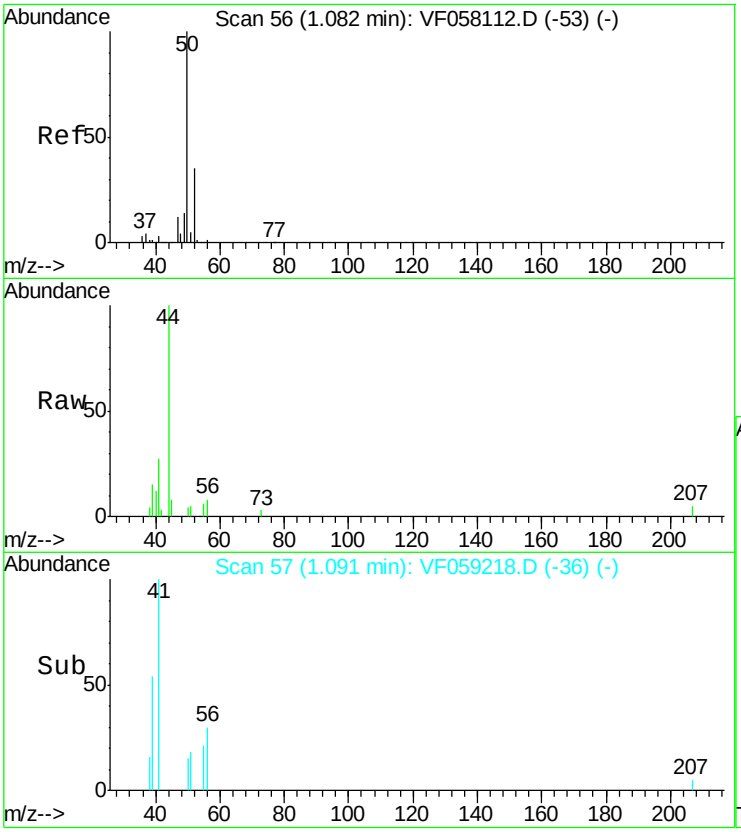


#2
Dichlorodifluoromethane
Concen: 9.915 ug/l
RT: 0.97 min Scan# 45
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 85 Resp: 135

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.6#



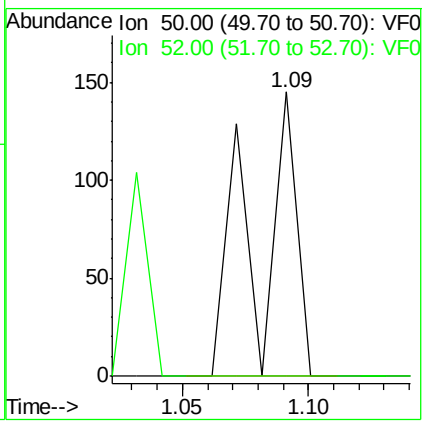


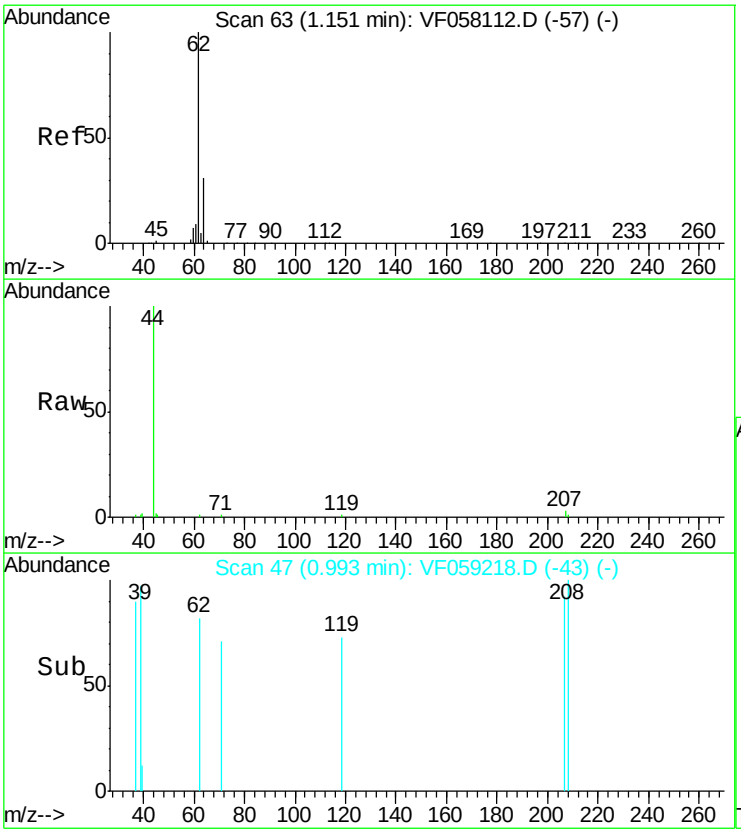
#3
Chloromethane
Concen: 15.360 ug/l
RT: 1.09 min Scan# 57
Delta R.T. 0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 162

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.3	40.9#

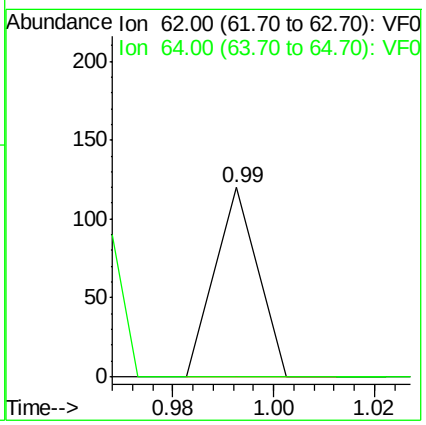


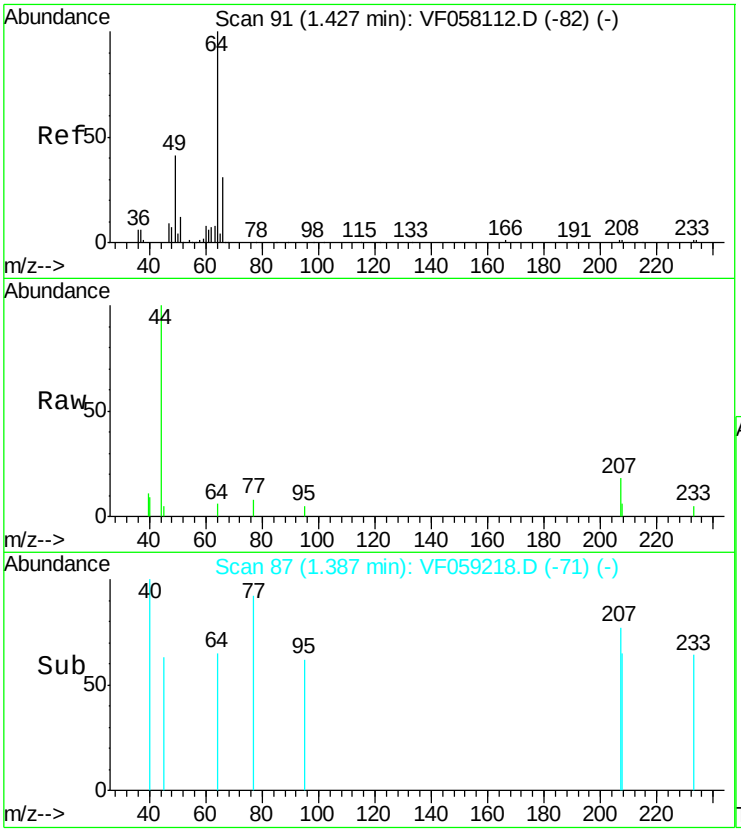


#4
Vinyl Chloride
Concen: 7.462 ug/l
RT: 0.99 min Scan# 47
Delta R.T. -0.16 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 62 Resp: 71

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#



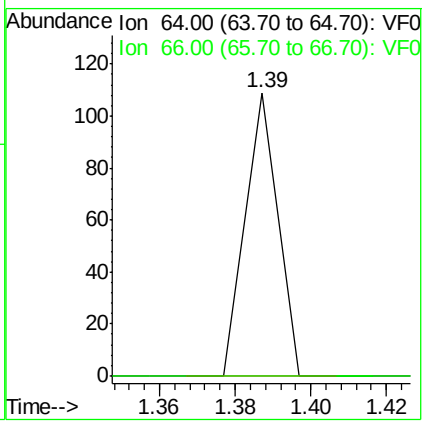


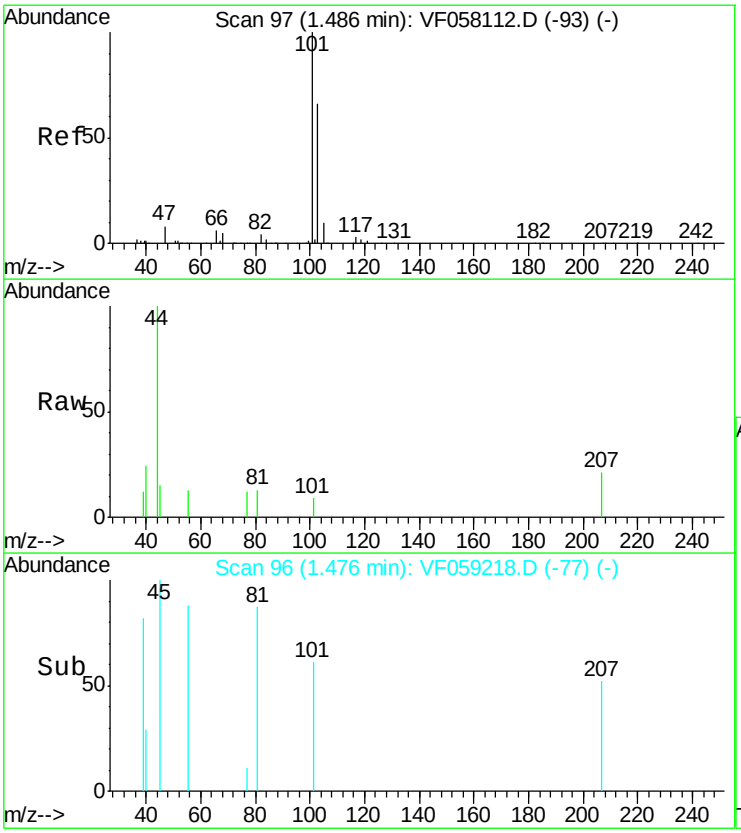
#6
Chloroethane
Concen: 16.210 ug/l
RT: 1.39 min Scan# 87
Delta R.T. -0.04 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 64

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.9	37.3#

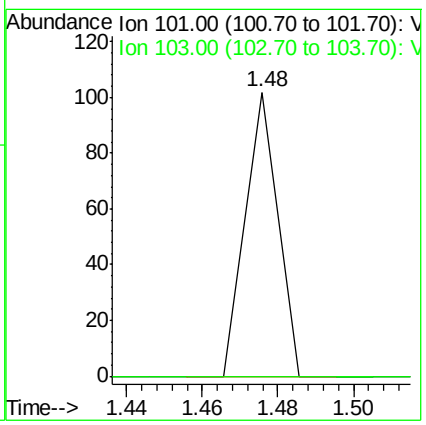


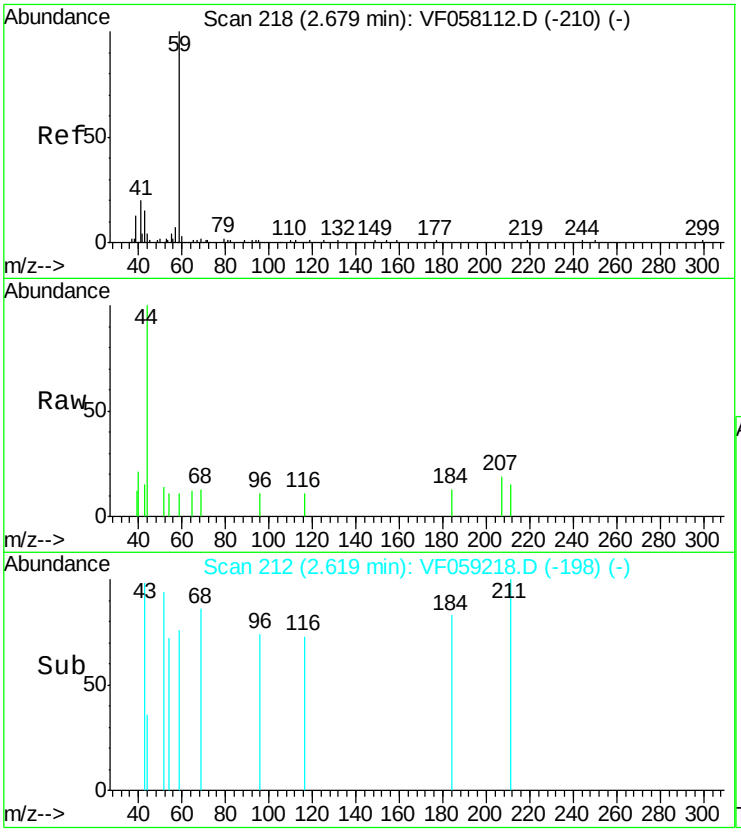


#7
Trichlorofluoromethane
Concen: 4.057 ug/l
RT: 1.48 min Scan# 96
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:101 Resp: 60

Ion	Ratio	Lower	Upper
101	100		
103	0.0	53.4	80.2#



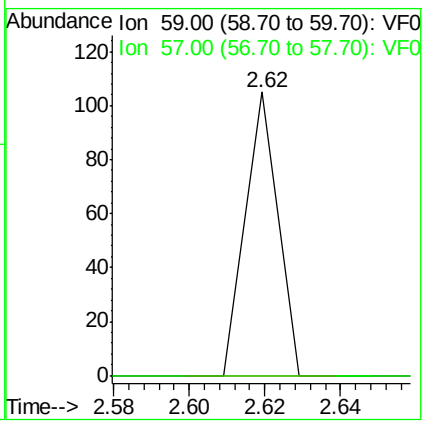


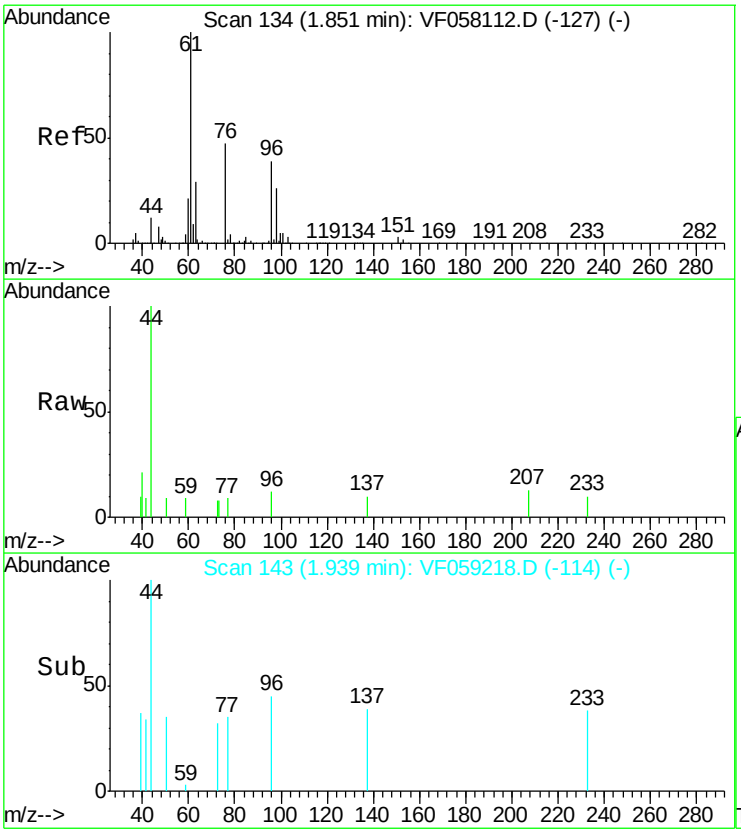
#11
Tert butyl alcohol
Concen: 66.323 ug/l
RT: 2.62 min Scan# 212
Delta R.T. -0.06 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 62

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

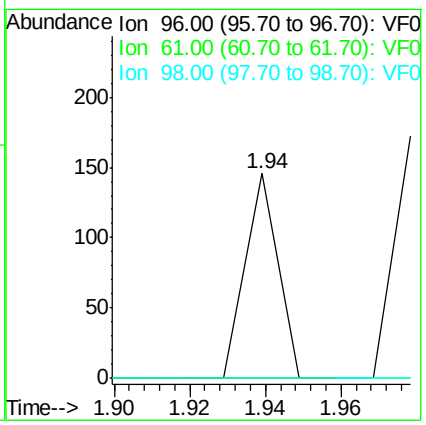


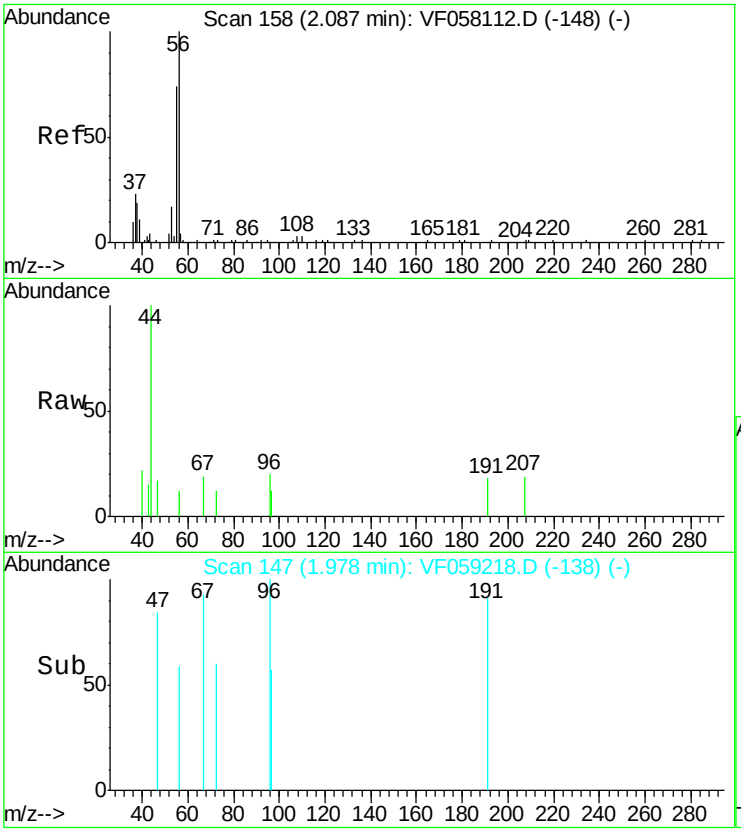


#12
1,1-Dichloroethene
Concen: 10.849 ug/l
RT: 1.94 min Scan# 143
Delta R.T. 0.09 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 96 Resp: 86

Ion	Ratio	Lower	Upper
96	100		
61	0.0	203.0	304.4#
98	0.0	52.7	79.1#



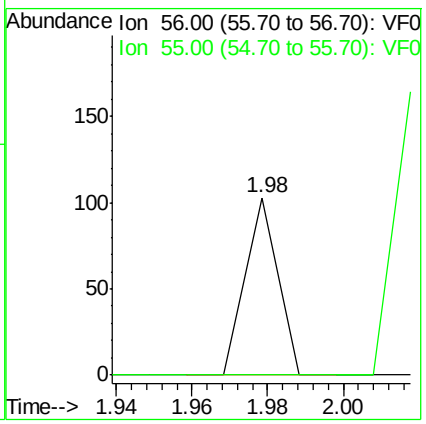


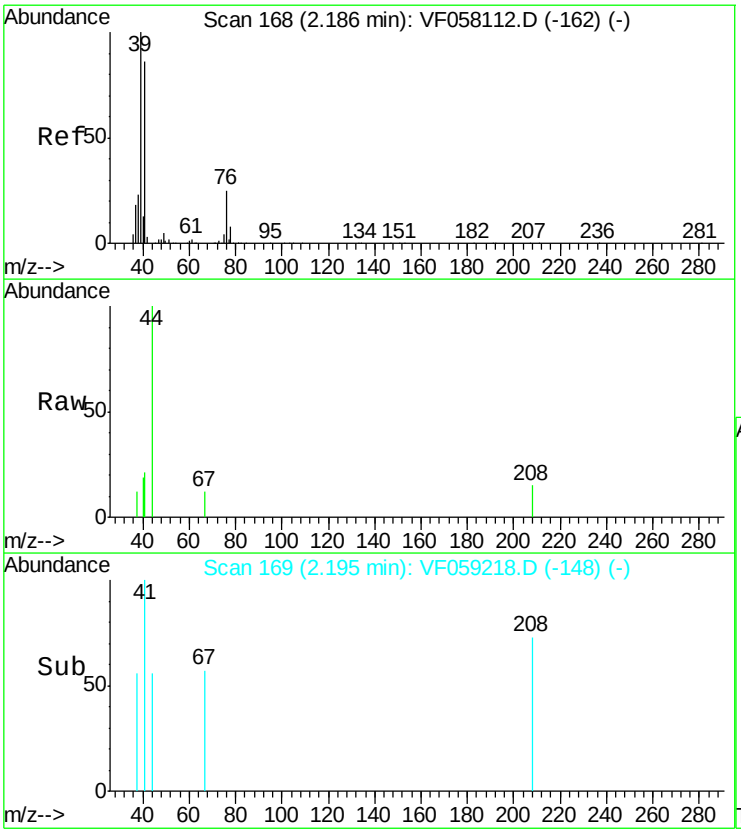
#13
Acrolein
Concen: 75.390 ug/l
RT: 1.98 min Scan# 147
Delta R.T. -0.11 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 61

Ion	Ratio	Lower	Upper
56	100		
55	0.0	60.0	90.0#

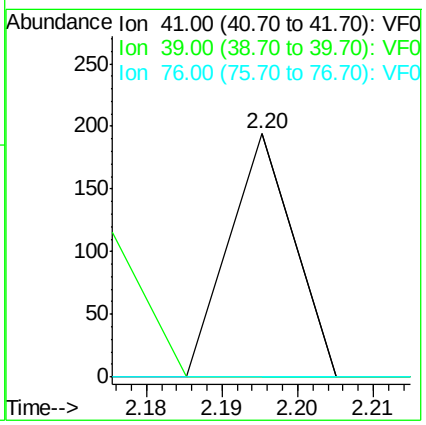


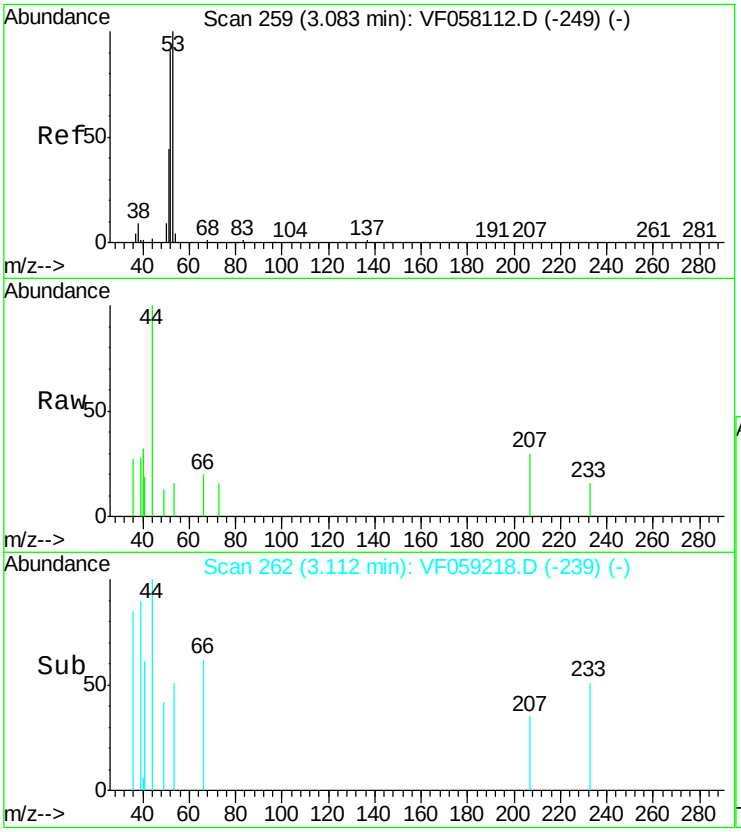


#14
Allyl chloride
Concen: 7.392 ug/l
RT: 2.20 min Scan# 169
Delta R.T. 0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 41 Resp: 115

Ion	Ratio	Lower	Upper
41	100		
39	0.0	93.5	140.3#
76	0.0	23.9	35.9#



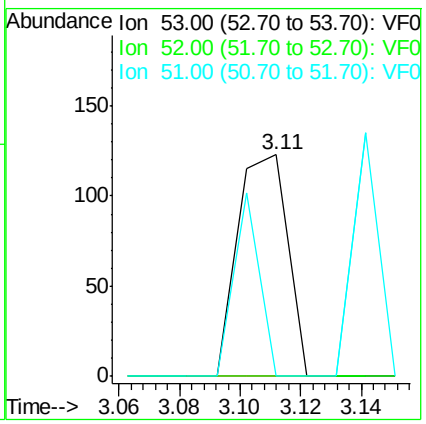


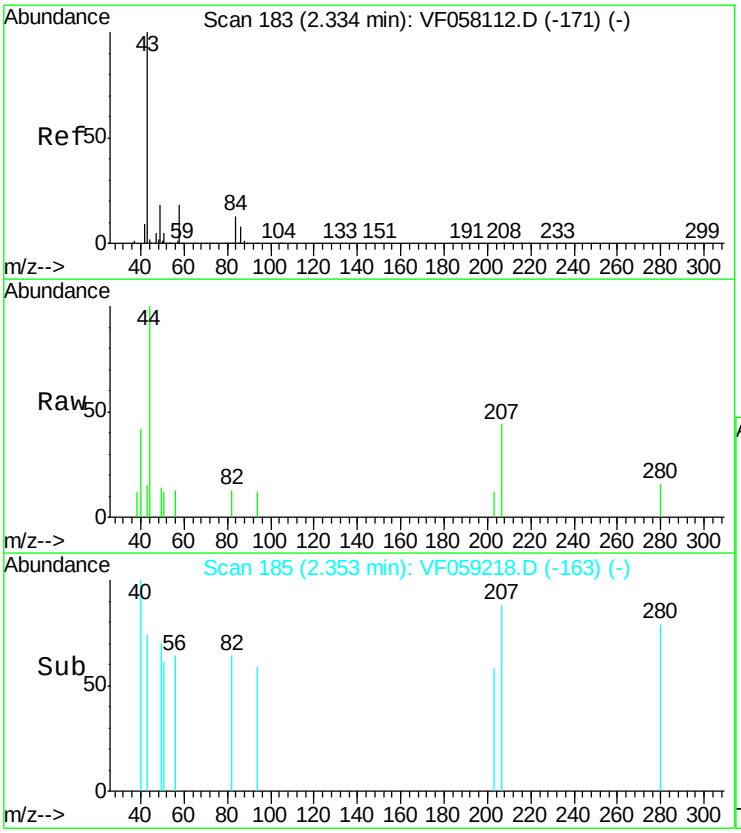
#15
Acrylonitrile
Concen: 75.944 ug/l
RT: 3.11 min Scan# 262
Delta R.T. 0.03 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 141

Ion	Ratio	Lower	Upper
53	100		
52	0.0	73.2	109.8#
51	0.0	35.6	53.4#

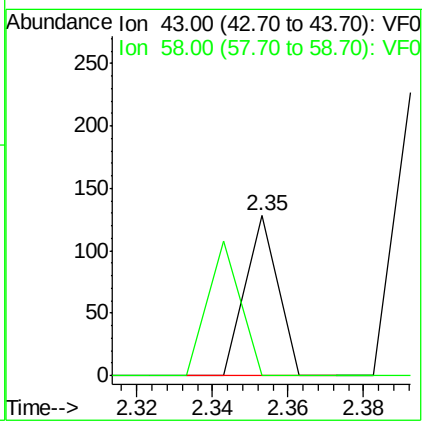


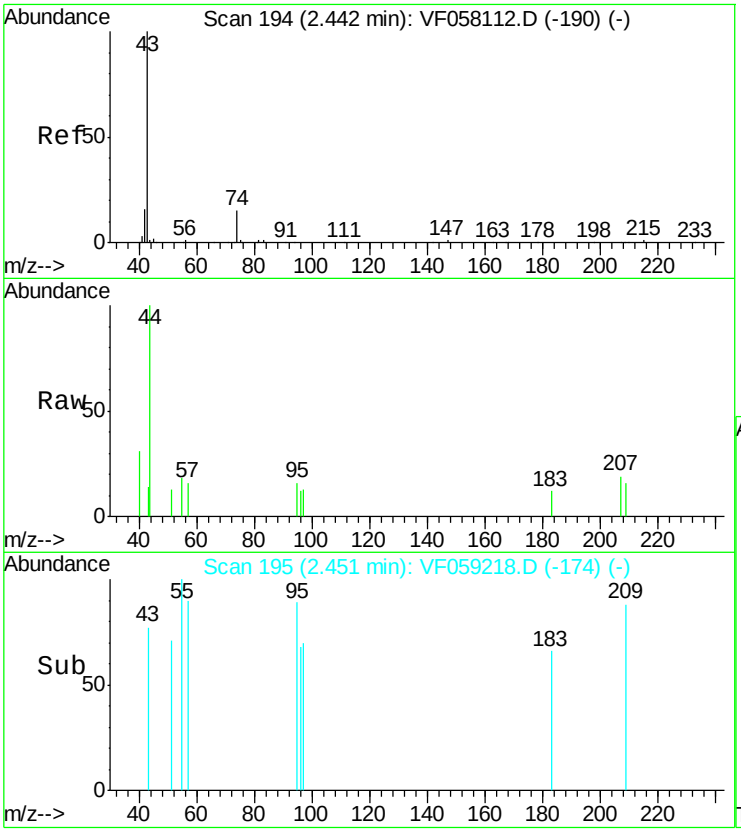


#16
Acetone
Concen: 21.817 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 43 Resp: 76

Ion	Ratio	Lower	Upper
43	100		
58	0.0	14.4	21.6#



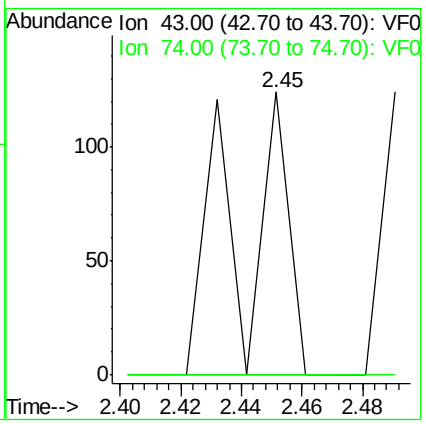


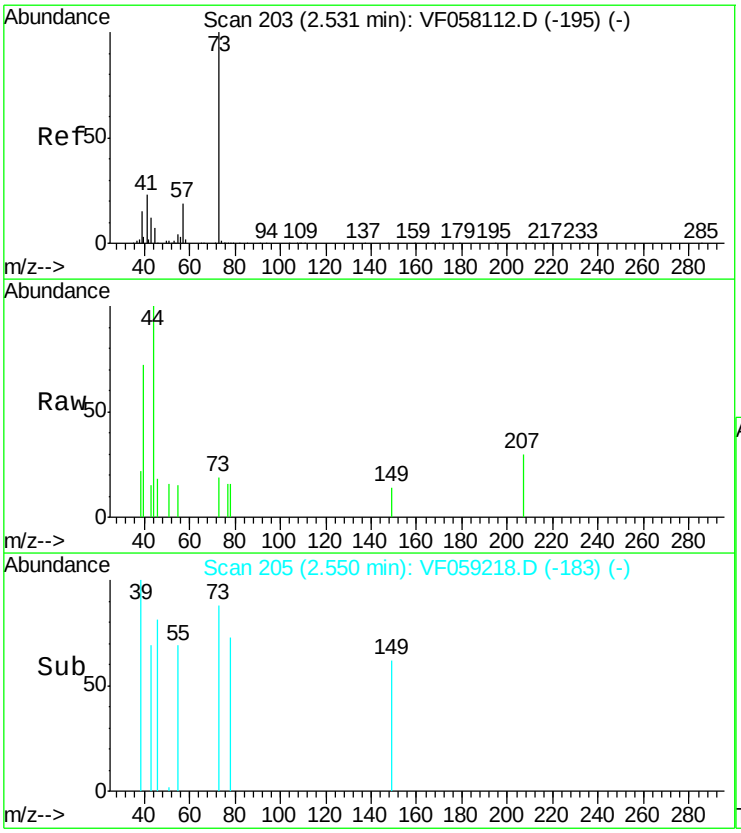
#18
Methyl Acetate
Concen: 24.214 ug/l
RT: 2.45 min Scan# 195
Delta R.T. 0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 145

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.9	16.3#

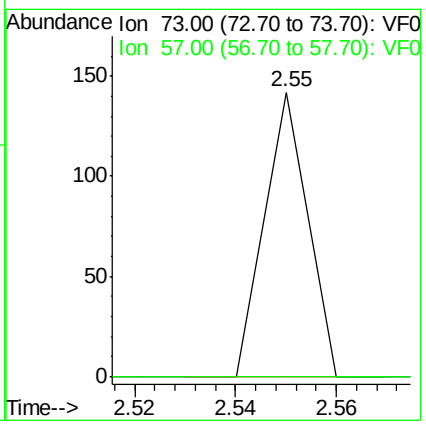


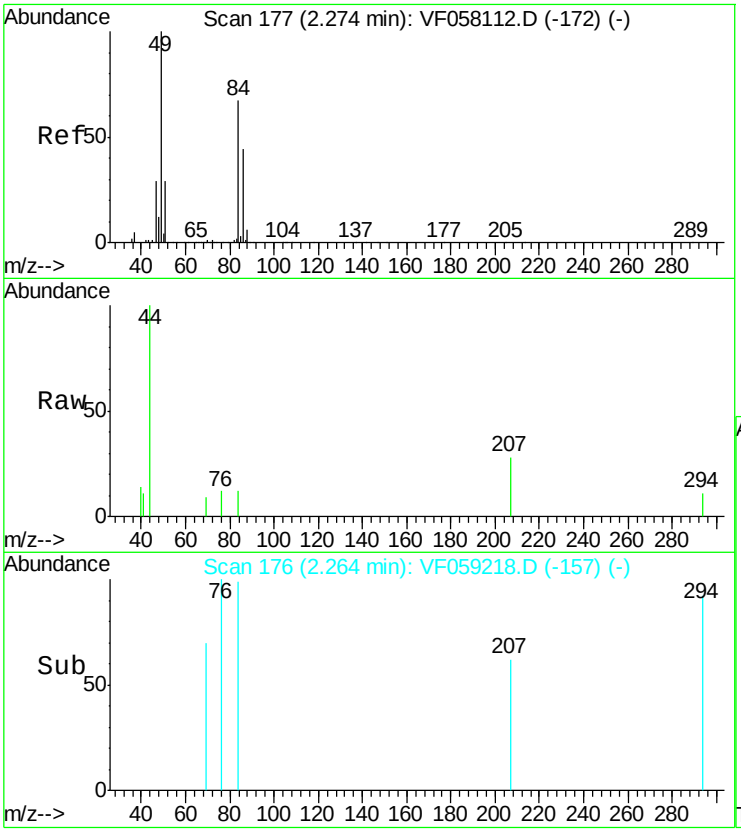


#19
Methyl tert-butyl Ether
Concen: 3.414 ug/l
RT: 2.55 min Scan# 205
Delta R.T. 0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 73 Resp: 84

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.0	22.4#



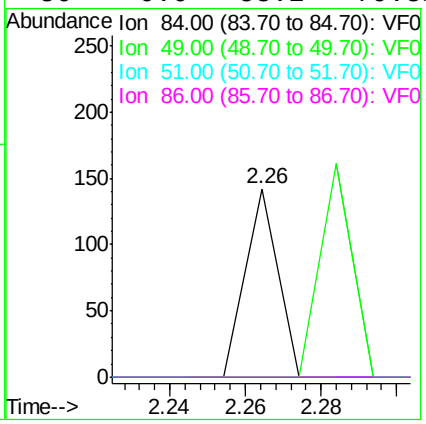


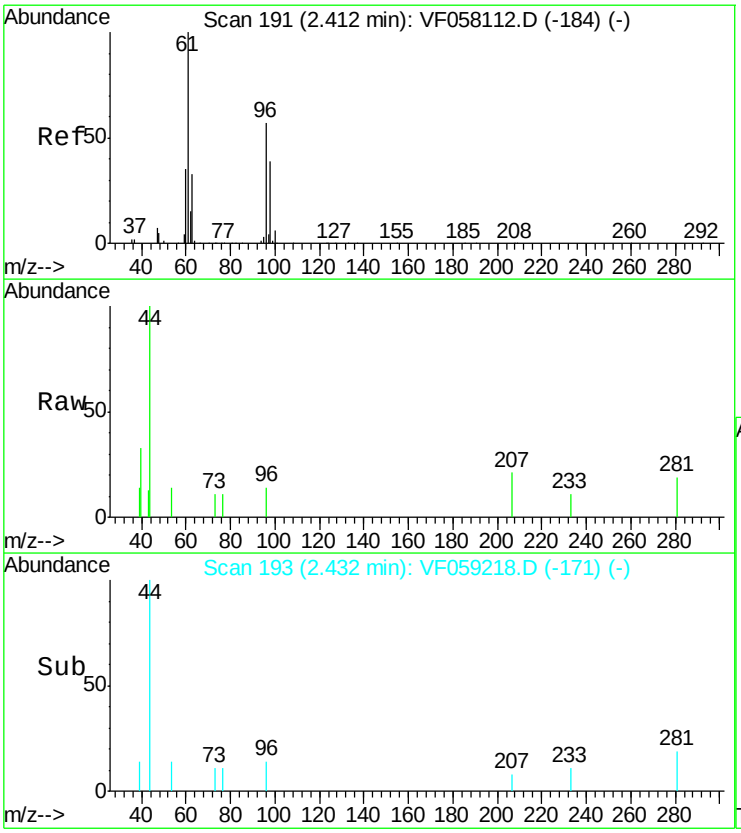
#20
Methylene Chloride
Concen: 10.071 ug/l
RT: 2.26 min Scan# 176
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 84

Ion	Ratio	Lower	Upper
84	100		
49	0.0	121.0	181.4#
51	0.0	35.8	53.6#
86	0.0	53.2	79.8#

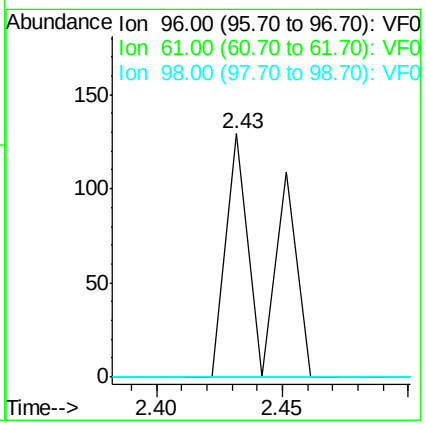


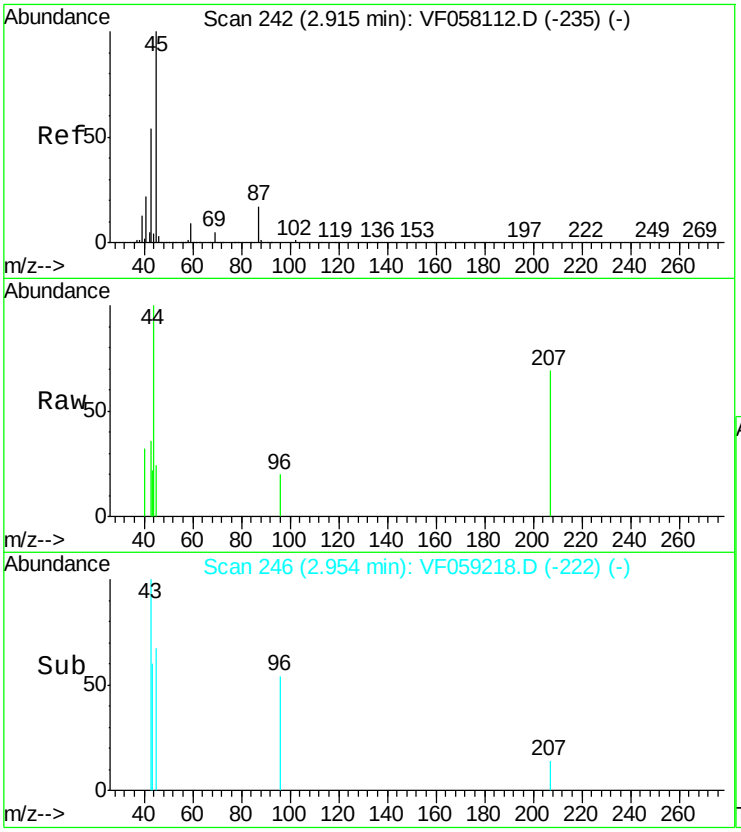


#21
trans-1,2-Dichloroethene
Concen: 16.219 ug/l
RT: 2.43 min Scan# 193
Delta R.T. 0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 96 Resp: 141

Ion	Ratio	Lower	Upper
96	100		
61	0.0	139.4	209.2#
98	0.0	54.0	81.0#



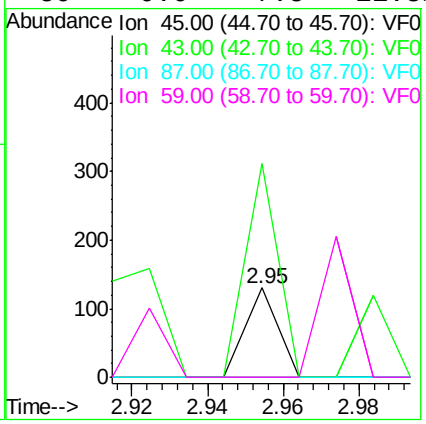


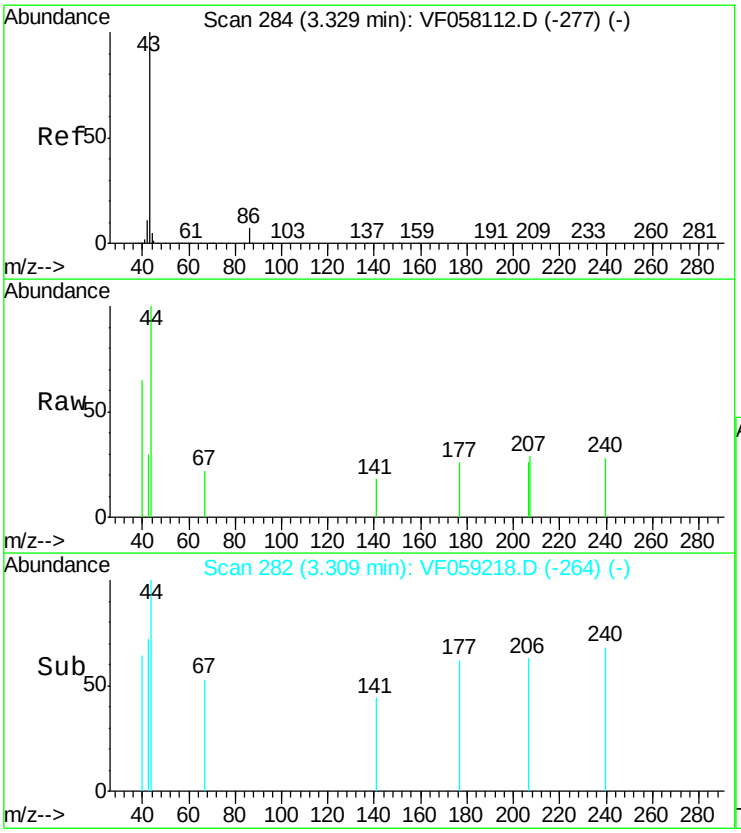
#22
Diisopropyl ether
Concen: 2.518 ug/l
RT: 2.95 min Scan# 246
Delta R.T. 0.04 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 45 Resp: 77

Ion	Ratio	Lower	Upper
45	100		
43	239.2	43.2	64.8#
87	0.0	13.8	20.6#
59	0.0	7.5	11.3#

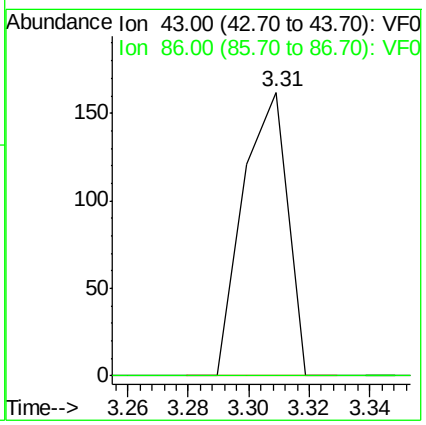


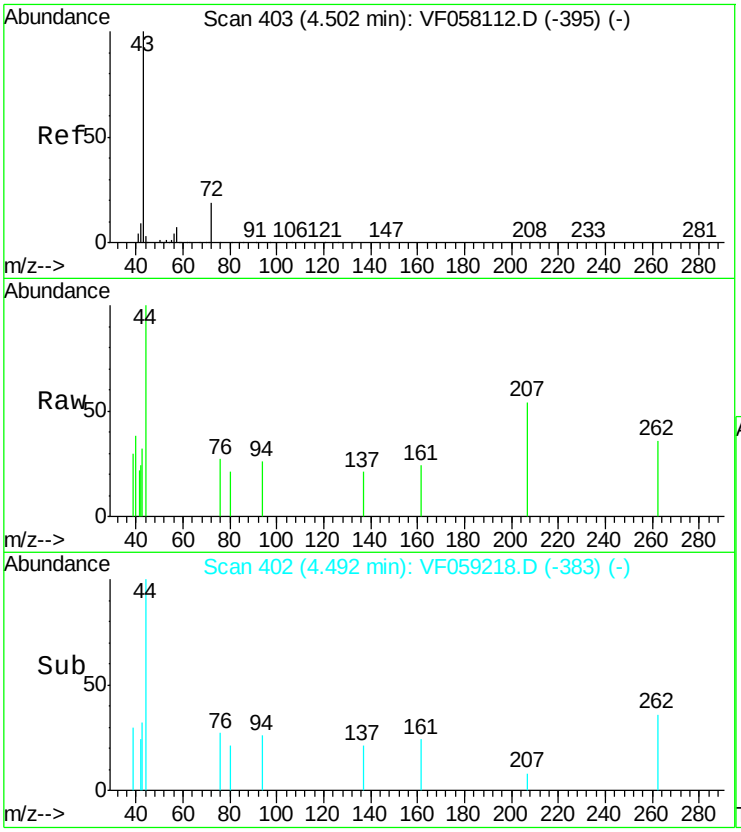


#23
Vinyl Acetate
Concen: 8.282 ug/l
RT: 3.31 min Scan# 282
Delta R.T. -0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 43 Resp: 167

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#



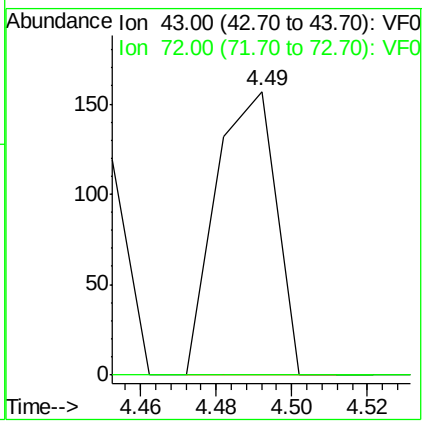


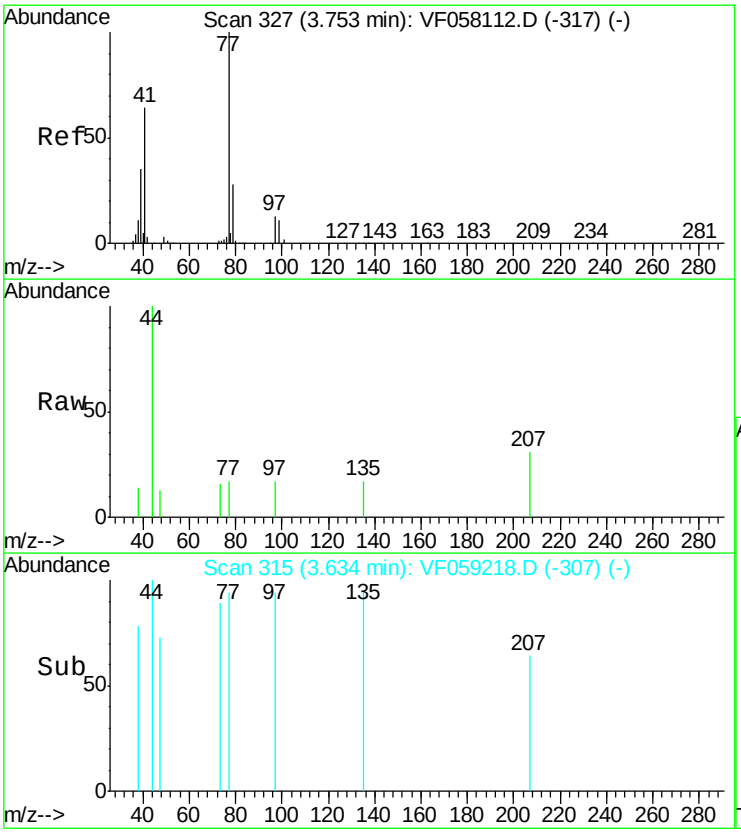
#25
2-Butanone
Concen: 31.663 ug/l
RT: 4.49 min Scan# 402
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 171

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#

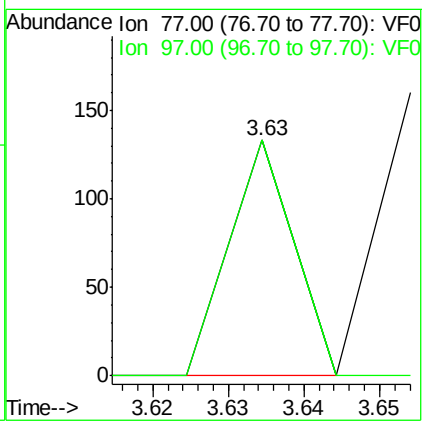


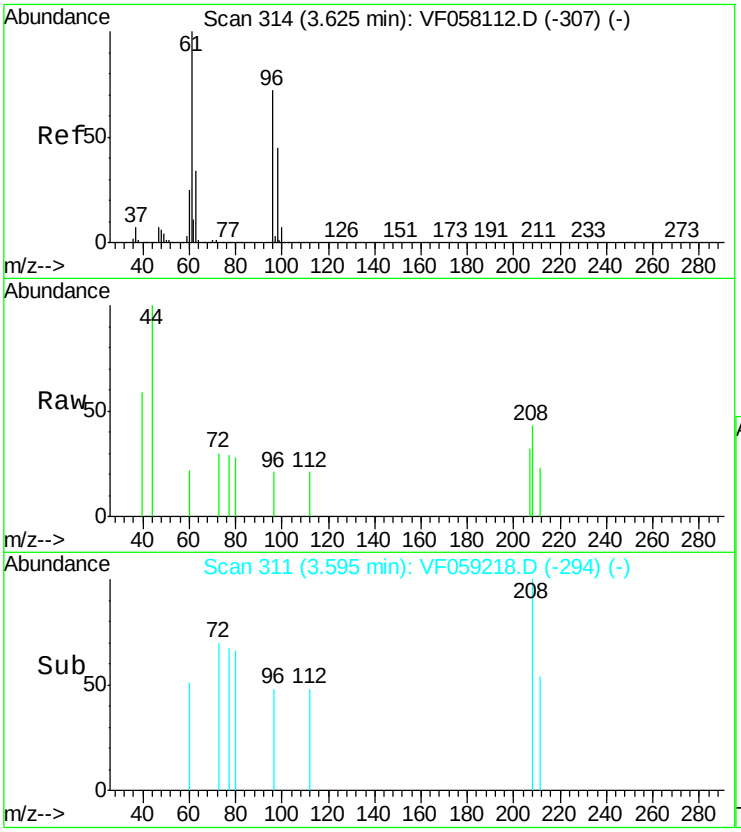


#26
2,2-Dichloropropane
Concen: 5.873 ug/l
RT: 3.63 min Scan# 315
Delta R.T. -0.12 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 77 Resp: 79

Ion	Ratio	Lower	Upper
77	100		
97	100.0	7.2	21.6#



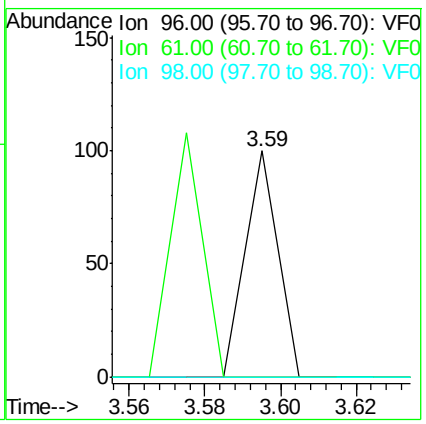


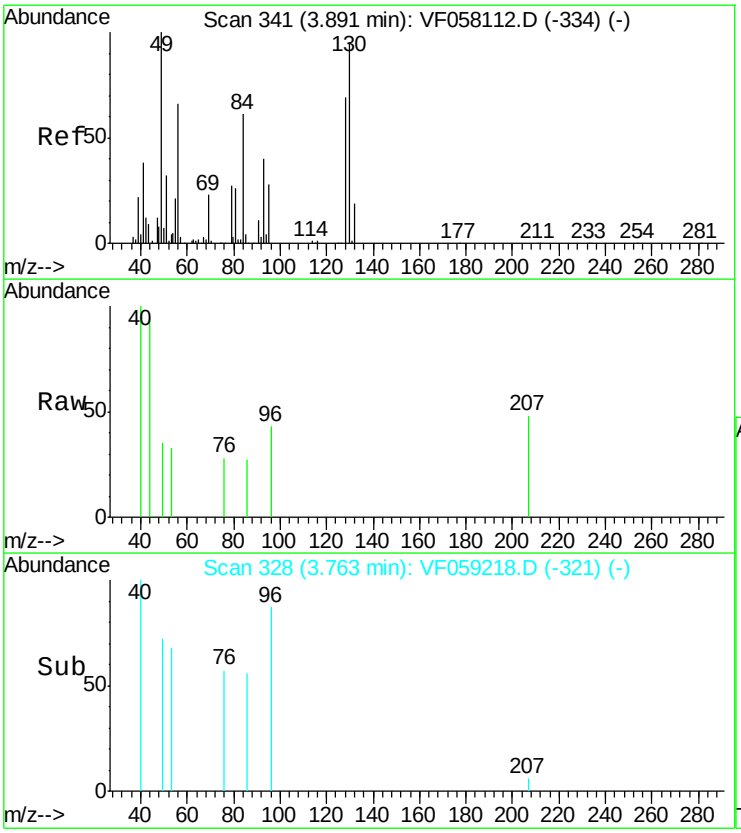
#27
cis-1,2-Dichloroethene
Concen: 4.410 ug/l
RT: 3.59 min Scan# 311
Delta R.T. -0.03 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 96 Resp: 59

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	278.6
98	0.0	0.0	125.2

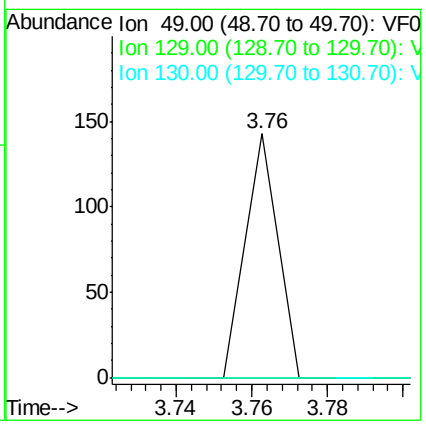


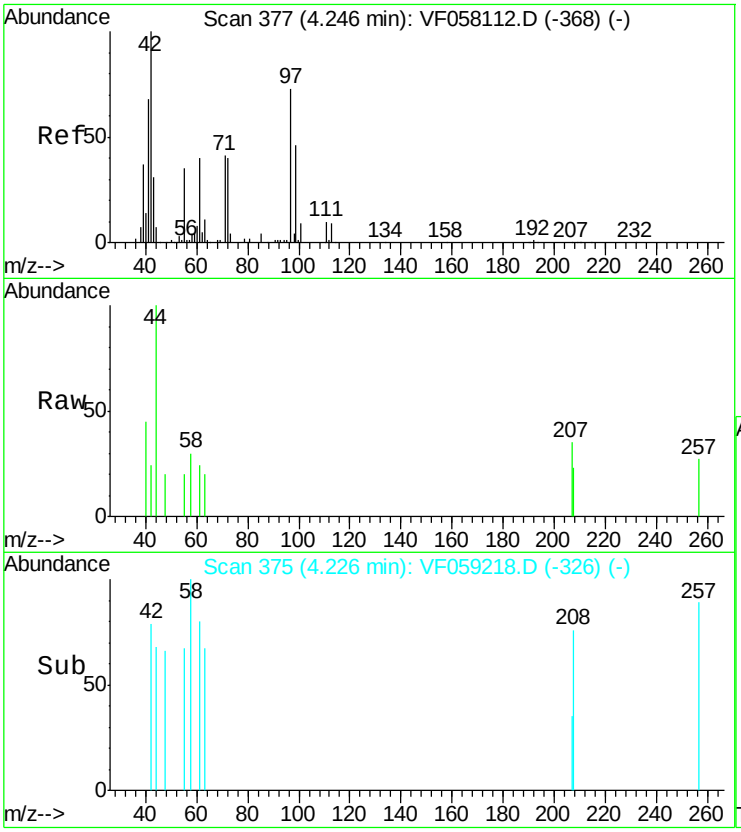


#28
Bromochloromethane
Concen: 10.185 ug/l
RT: 3.76 min Scan# 328
Delta R.T. -0.13 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 49 Resp: 85

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	75.8	113.8#



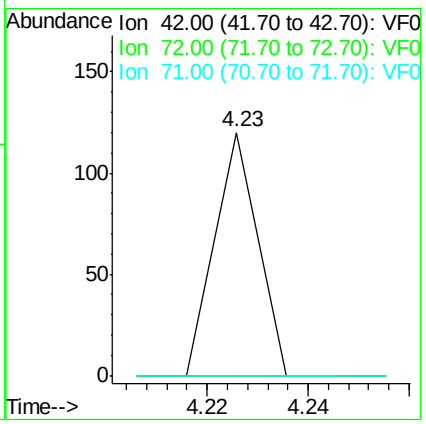


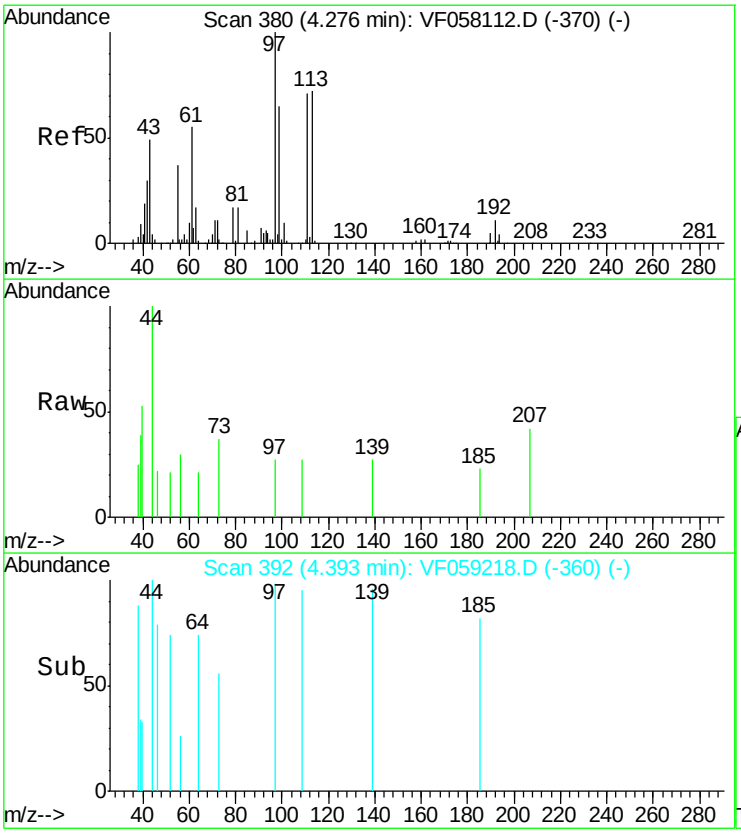
#29
Tetrahydrofuran
Concen: 29.836 ug/l
RT: 4.23 min Scan# 375
Delta R.T. -0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 71

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	0.0	31.5	47.3#

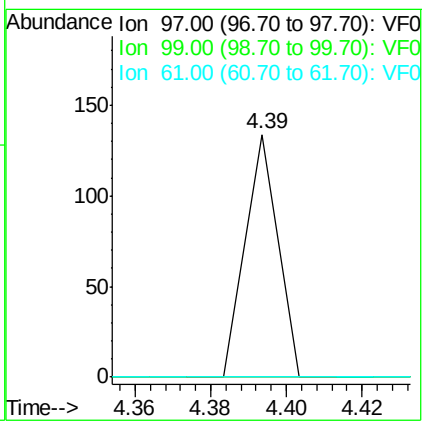


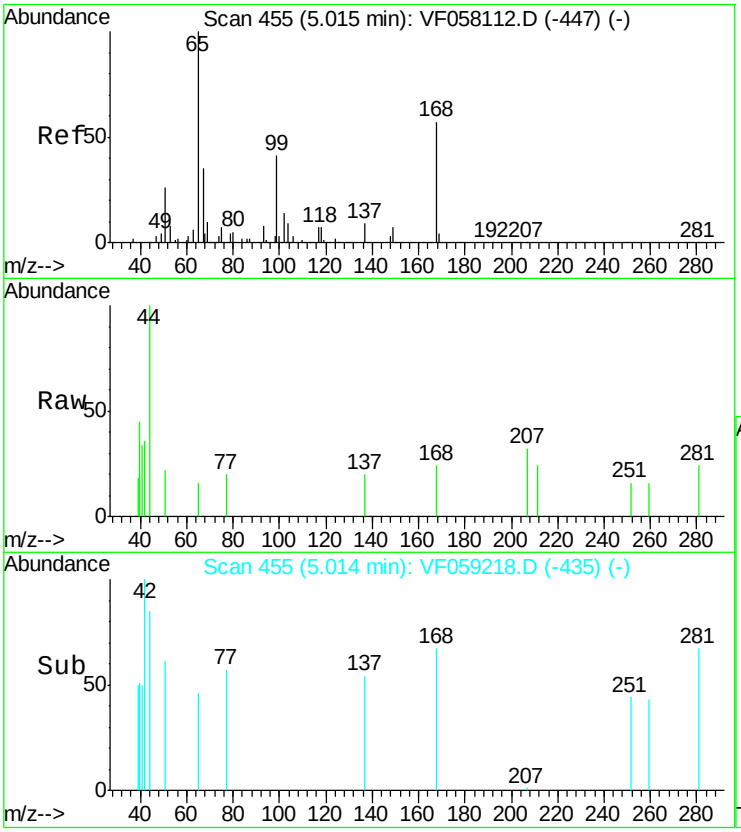


#32
1,1,1-Trichloroethane
Concen: 3.990 ug/l
RT: 4.39 min Scan# 392
Delta R.T. 0.12 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 97 Resp: 79

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	0.0	44.3	66.5#



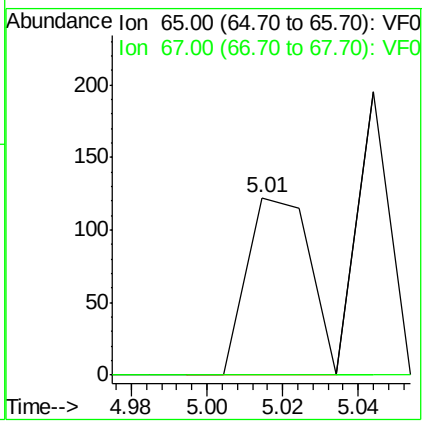


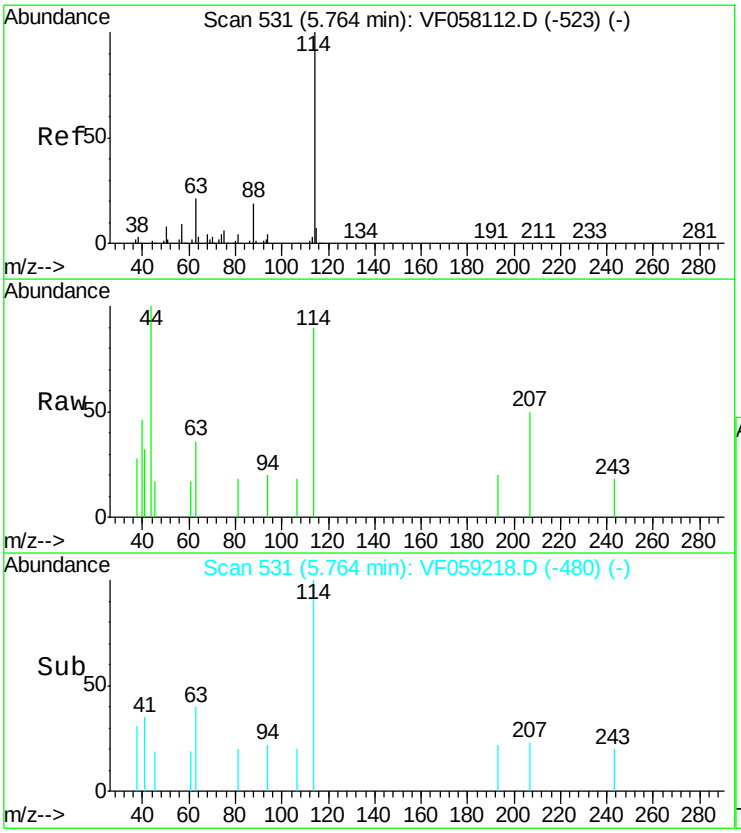
#33
1,2-Dichloroethane-d4
Concen: 9.596 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 140

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	97.0

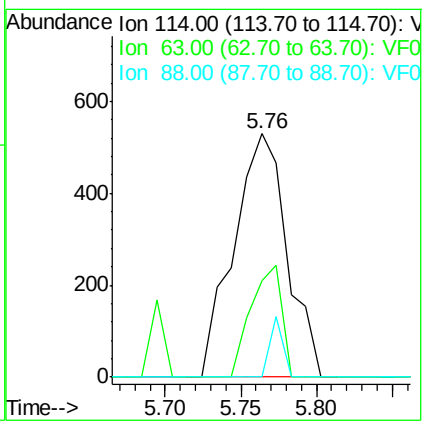


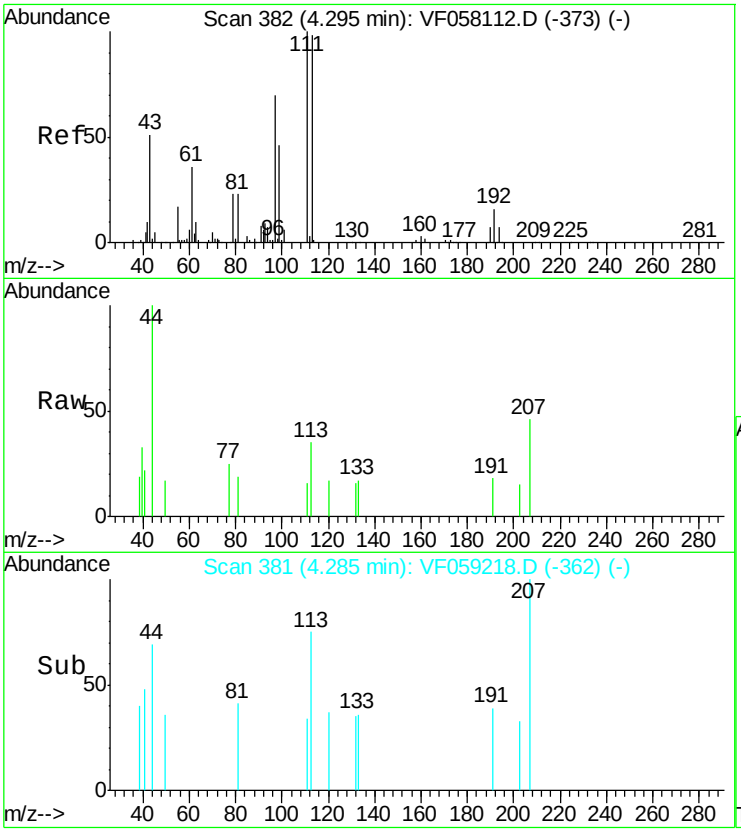


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.00 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:114 Resp: 1299

Ion	Ratio	Lower	Upper
114	100		
63	39.8	0.0	41.6
88	0.0	0.0	38.8



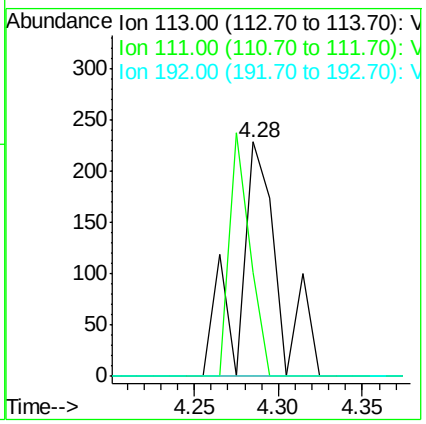


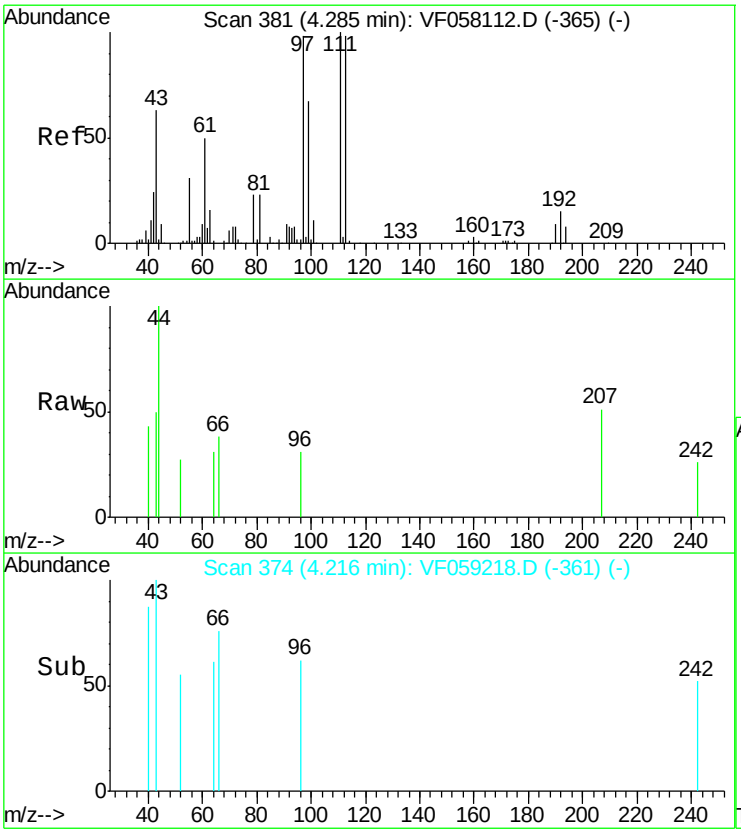
#35
Dibromofluoromethane
Concen: 40.264 ug/l
RT: 4.28 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 367

Ion	Ratio	Lower	Upper
113	100		
111	44.7	81.3	121.9#
192	0.0	12.7	19.1#

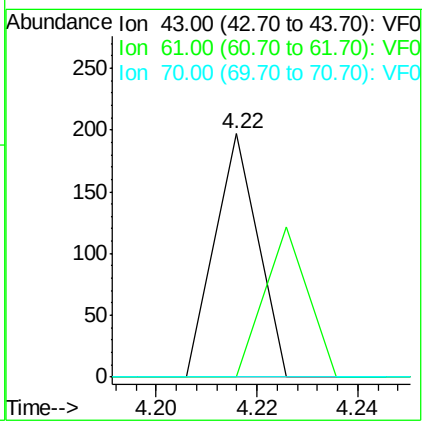


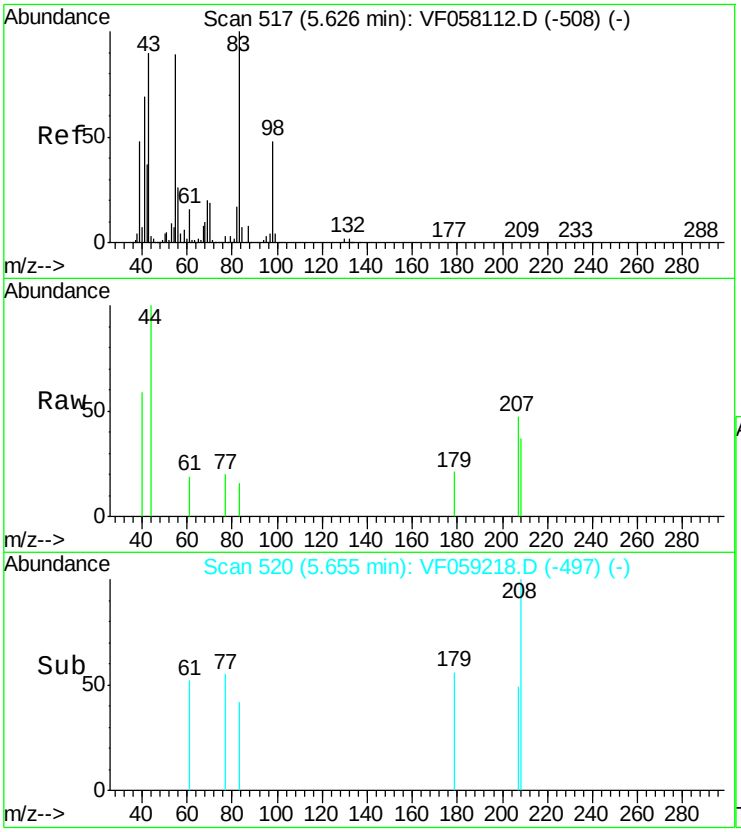


#37
Ethyl Acetate
Concen: 15.039 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.07 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 43 Resp: 117

Ion	Ratio	Lower	Upper
43	100		
61	0.0	63.0	94.4#
70	0.0	7.5	11.3#



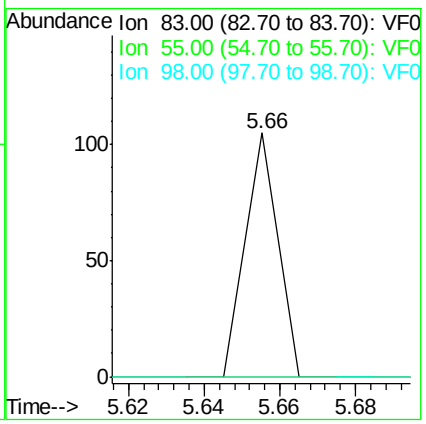


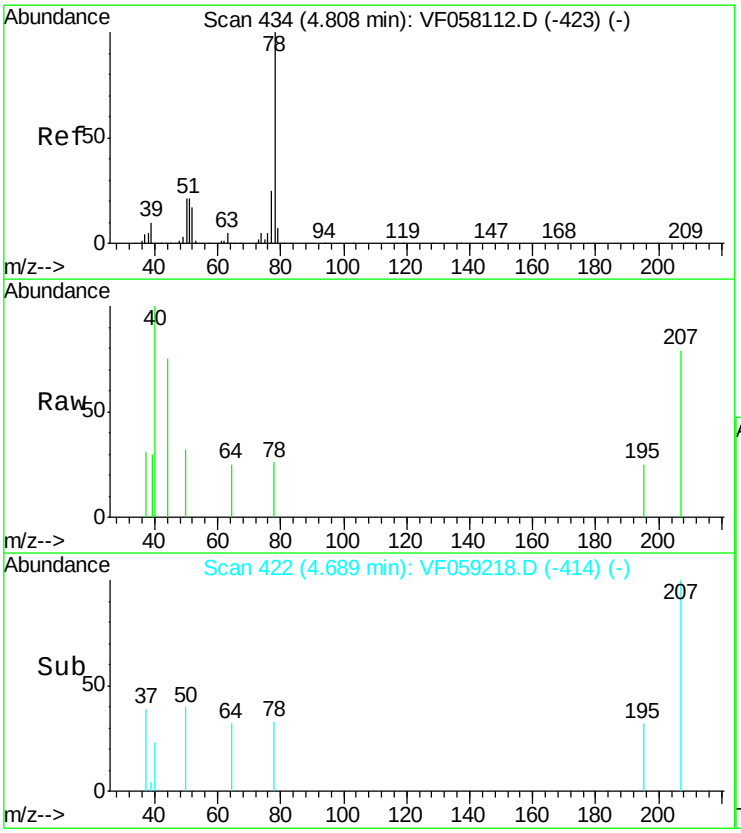
#39
Methylcyclohexane
Concen: 4.831 ug/l
RT: 5.66 min Scan# 520
Delta R.T. 0.03 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 62

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.0	106.4#
98	0.0	38.1	57.1#

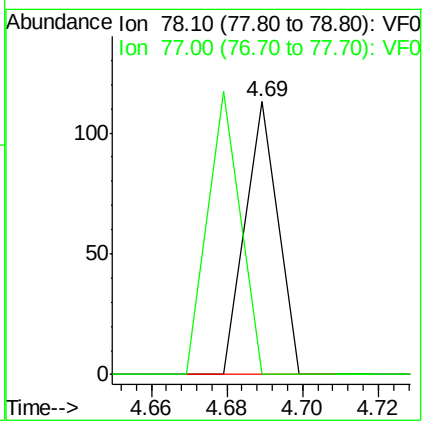


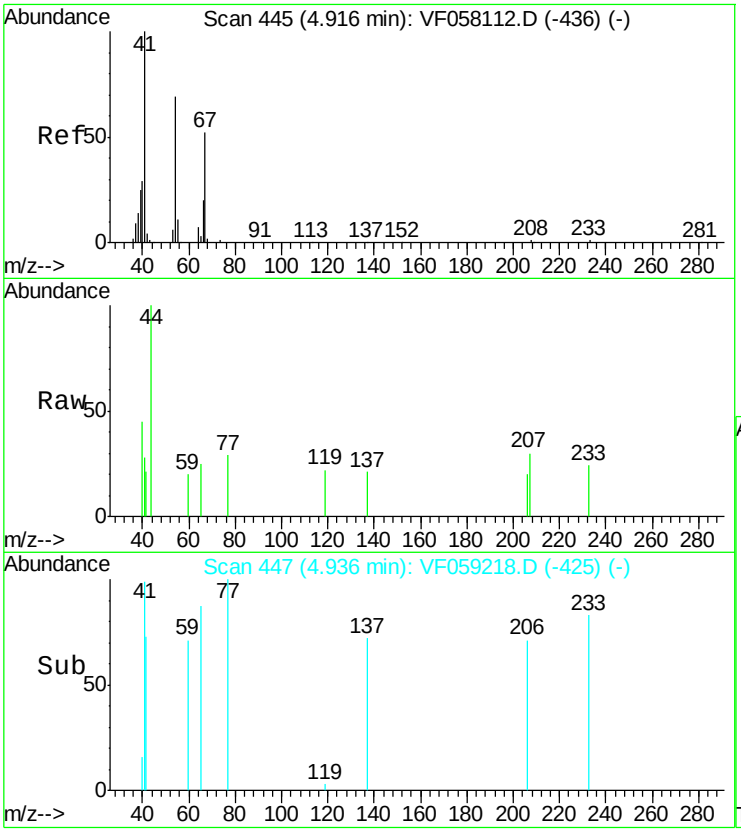


#40
Benzene
Concen: 2.293 ug/l
RT: 4.69 min Scan# 422
Delta R.T. -0.12 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 78 Resp: 67

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.2	30.2#



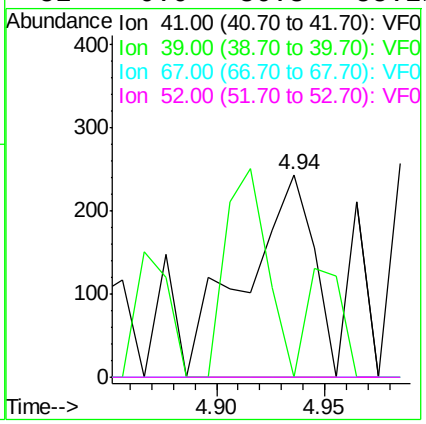


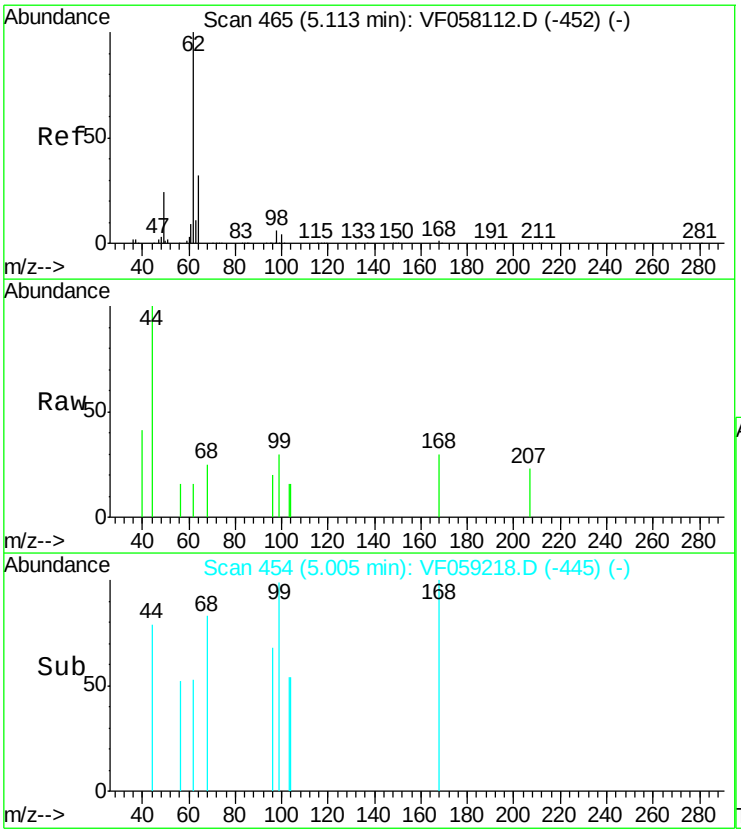
#41
Methacrylonitrile
Concen: 139.449 ug/l
RT: 4.94 min Scan# 447
Delta R.T. 0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 533

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.4#
67	0.0	41.0	61.6#
52	0.0	36.8	55.2#

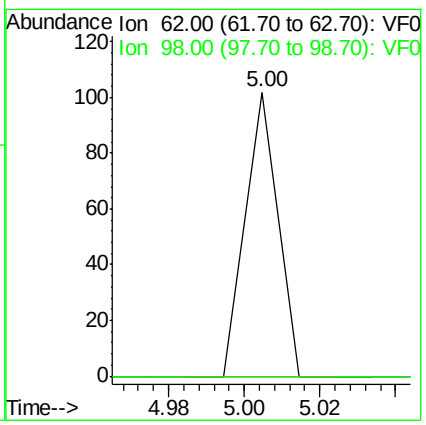


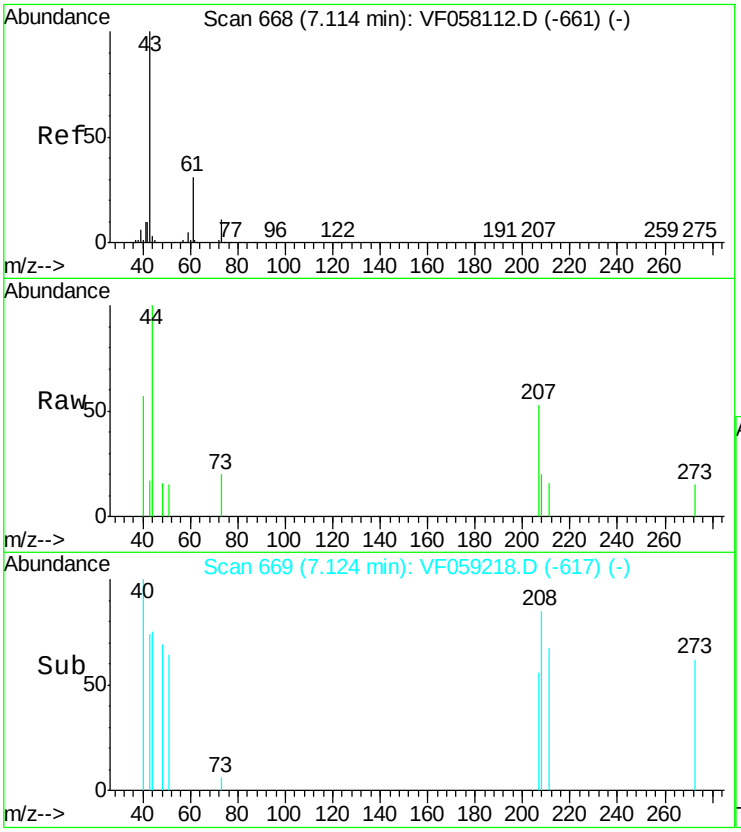


#42
1,2-Dichloroethane
Concen: 4.578 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.11 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 62 Resp: 60

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	11.8



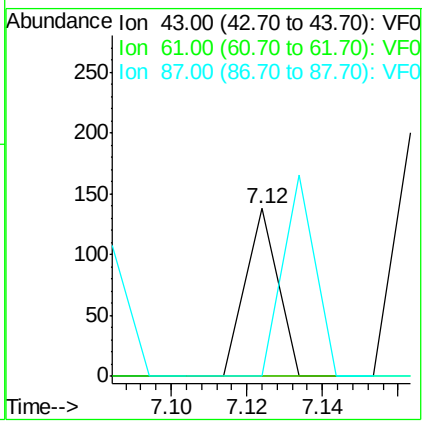


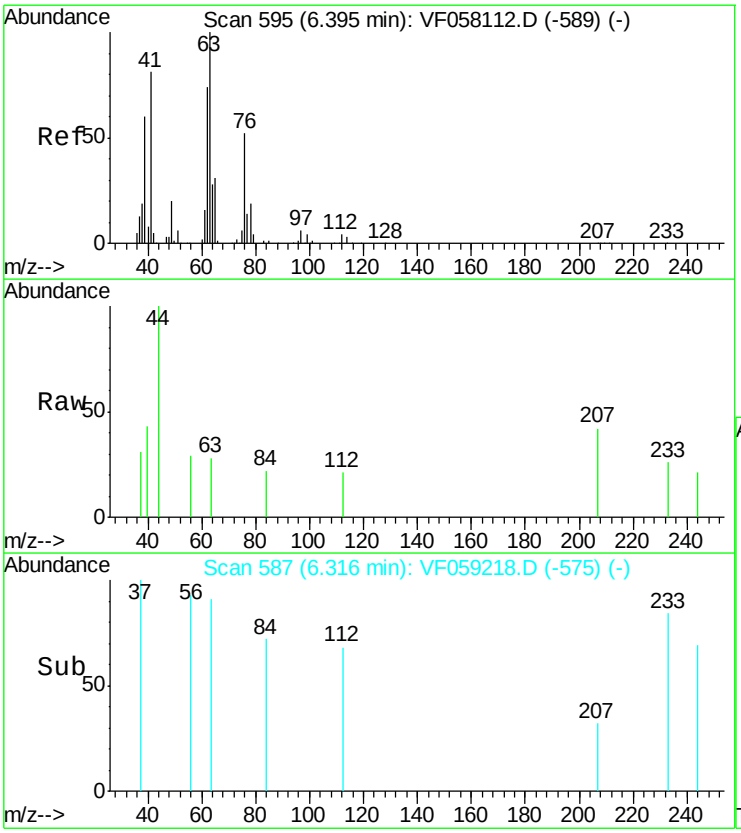
#43
Isopropyl Acetate
Concen: 7.870 ug/l
RT: 7.12 min Scan# 669
Delta R.T. 0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 82

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.1	37.7#
87	0.0	0.2	0.4#

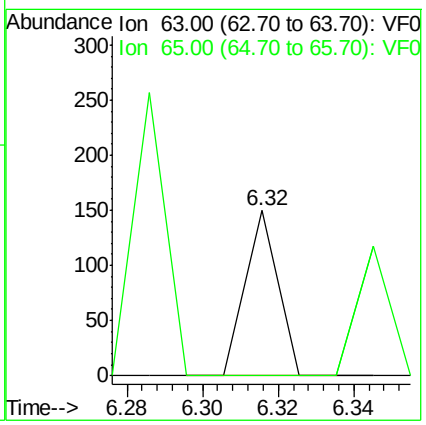


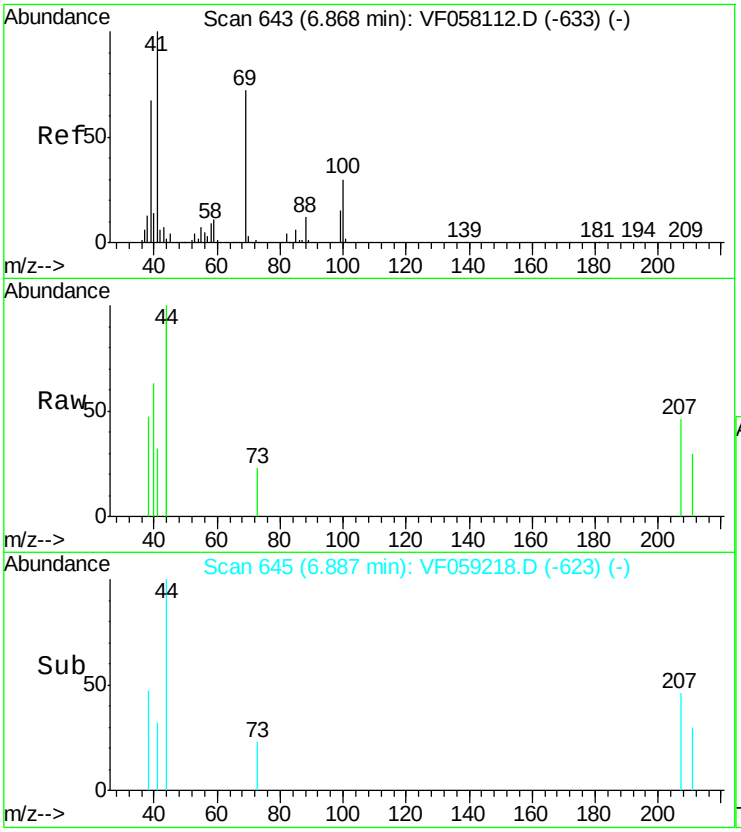


#45
1,2-Dichloropropane
Concen: 10.562 ug/l
RT: 6.32 min Scan# 587
Delta R.T. -0.08 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 63 Resp: 89

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#



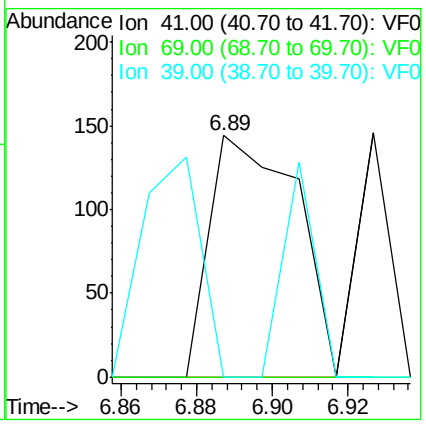


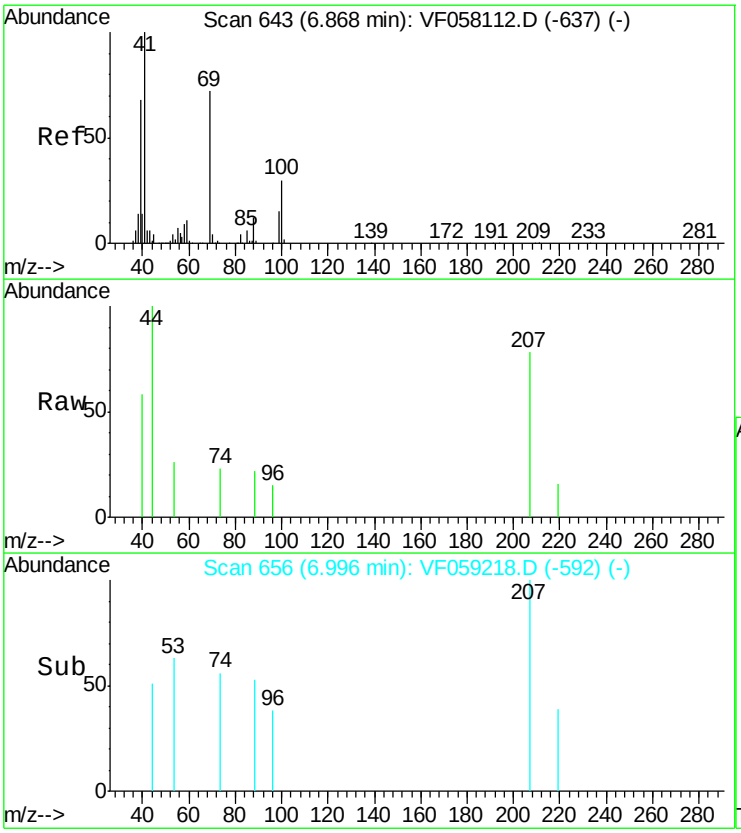
#48
Methyl methacrylate
Concen: 35.653 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 229

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.2	85.8#
39	0.0	54.3	81.5#

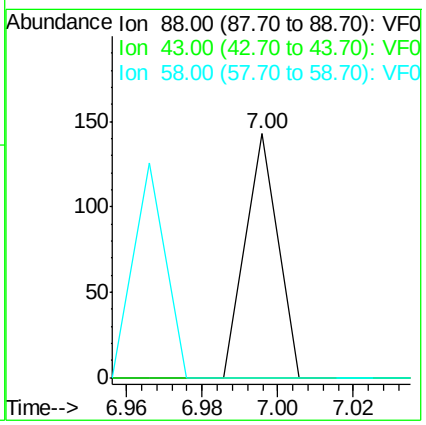


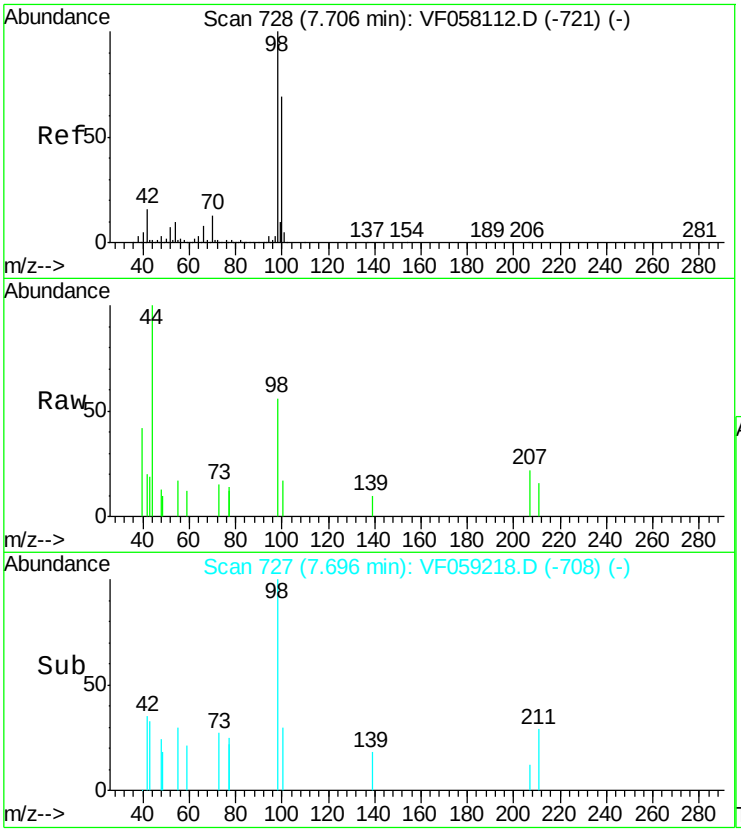


#49
1,4-Dioxane
Concen: 2117.406 ug/l
RT: 7.00 min Scan# 656
Delta R.T. 0.13 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 88 Resp: 85

Ion	Ratio	Lower	Upper
88	100		
43	0.0	47.8	71.8#
58	0.0	59.4	89.0#



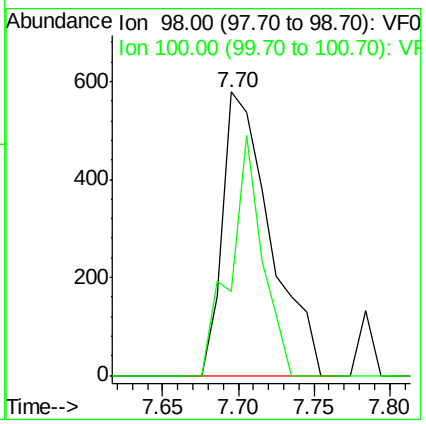


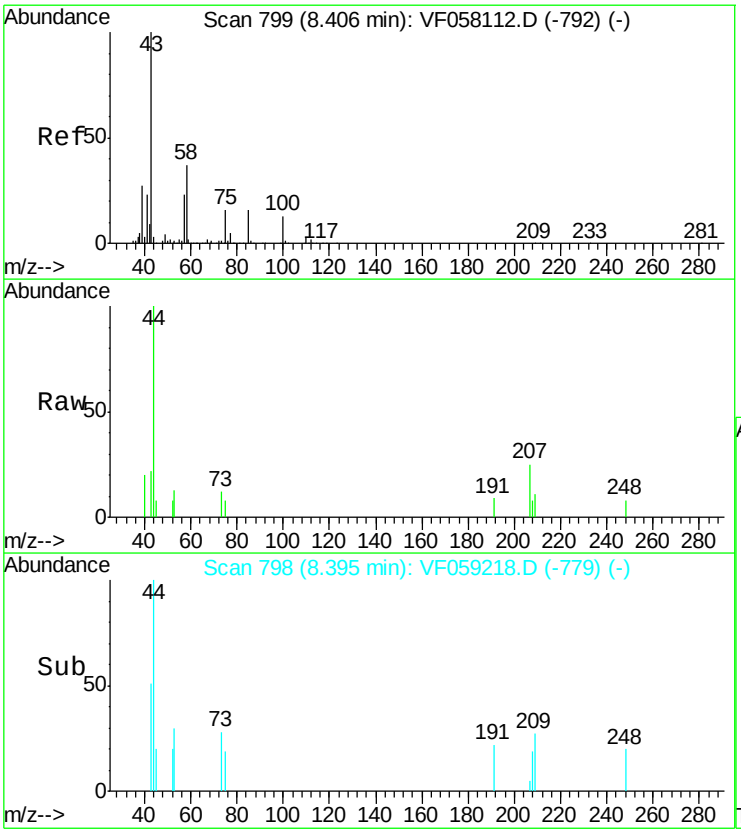
#50
Toluene-d8
Concen: 47.466 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 1271

Ion	Ratio	Lower	Upper
98	100		
100	29.6	55.6	83.4#

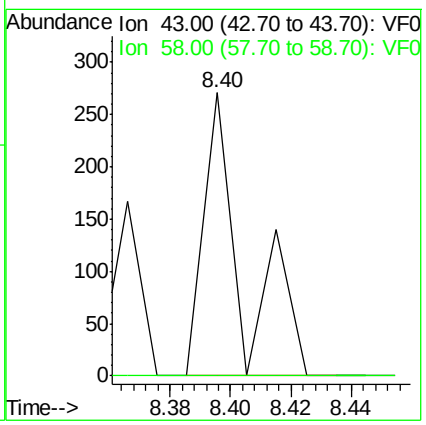


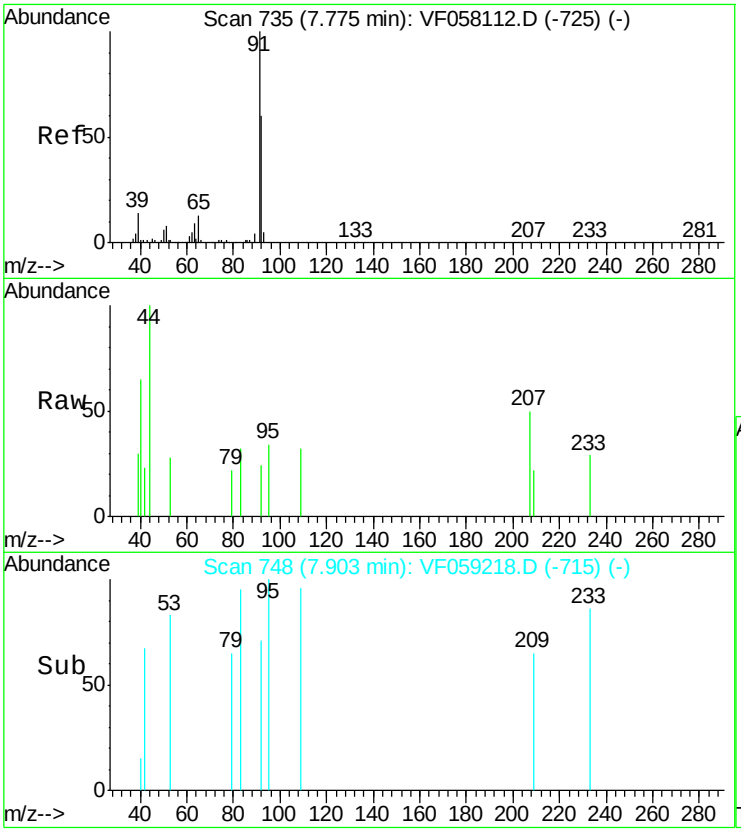


#51
4-Methyl-2-Pentanone
Concen: 34.027 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 43 Resp: 243

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.0#



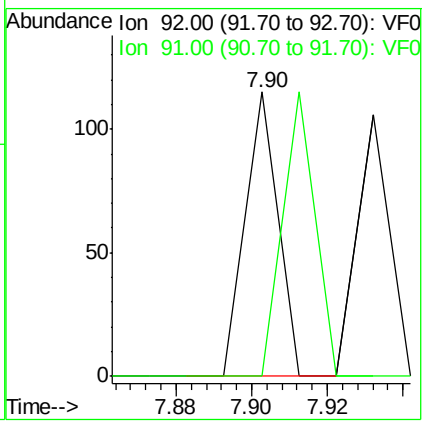


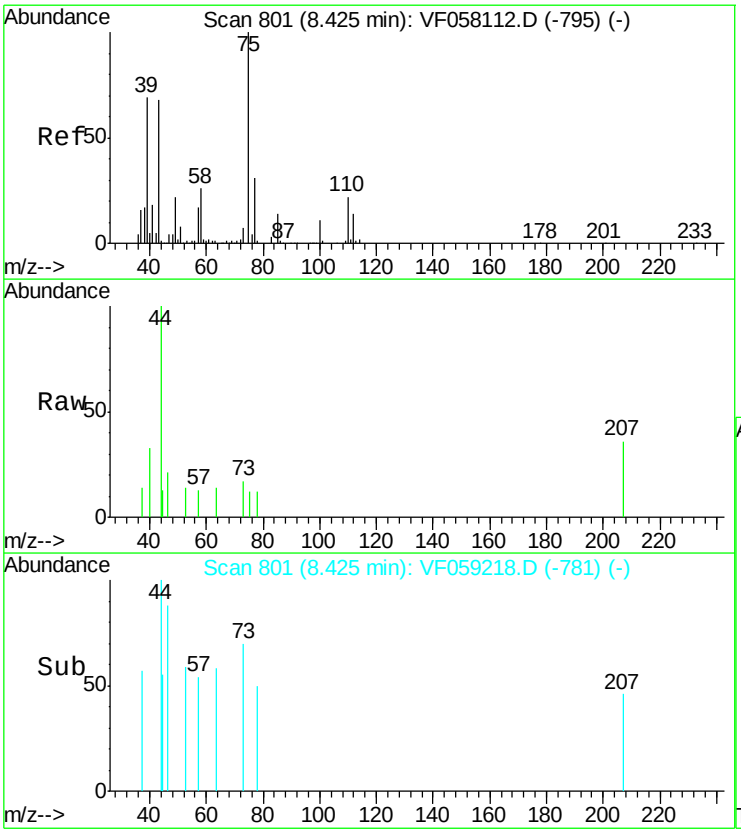
#52
Toluene
Concen: 3.230 ug/l
RT: 7.90 min Scan# 748
Delta R.T. 0.13 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 92 Resp: 68

Ion	Ratio	Lower	Upper
92	100		
91	0.0	132.9	199.3#

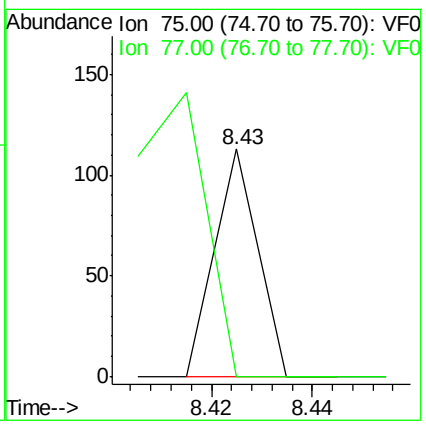


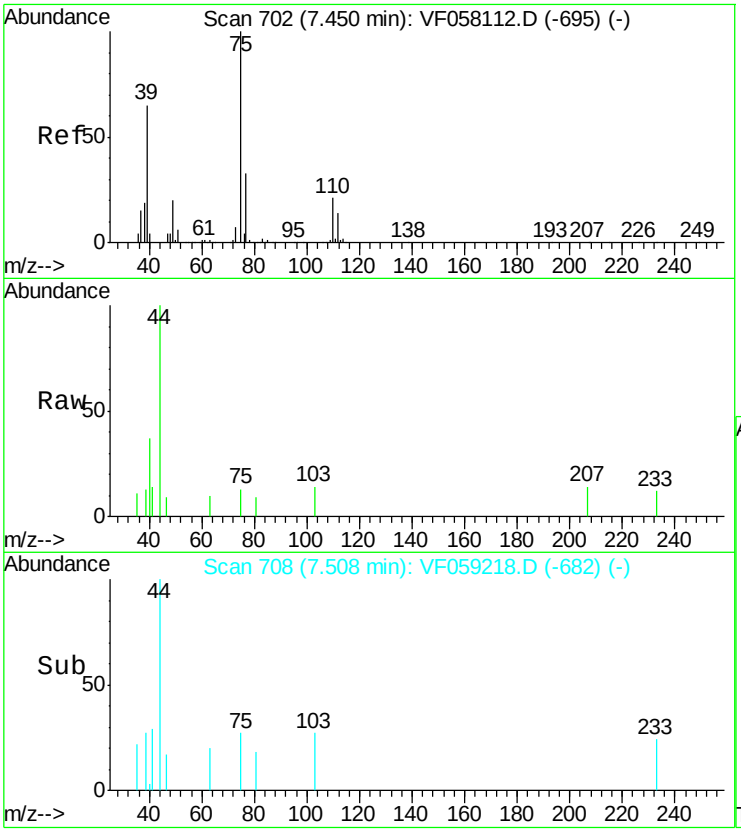


#53
t-1,3-Dichloropropene
Concen: 4.796 ug/l
RT: 8.43 min Scan# 801
Delta R.T. -0.00 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 75 Resp: 67

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#



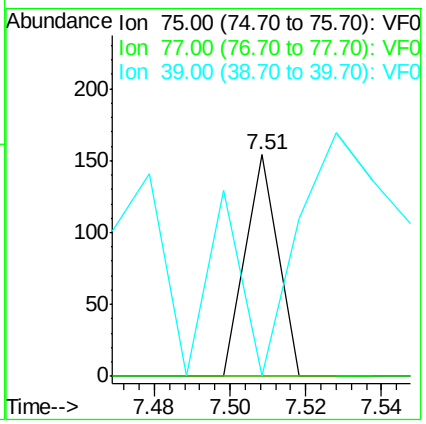


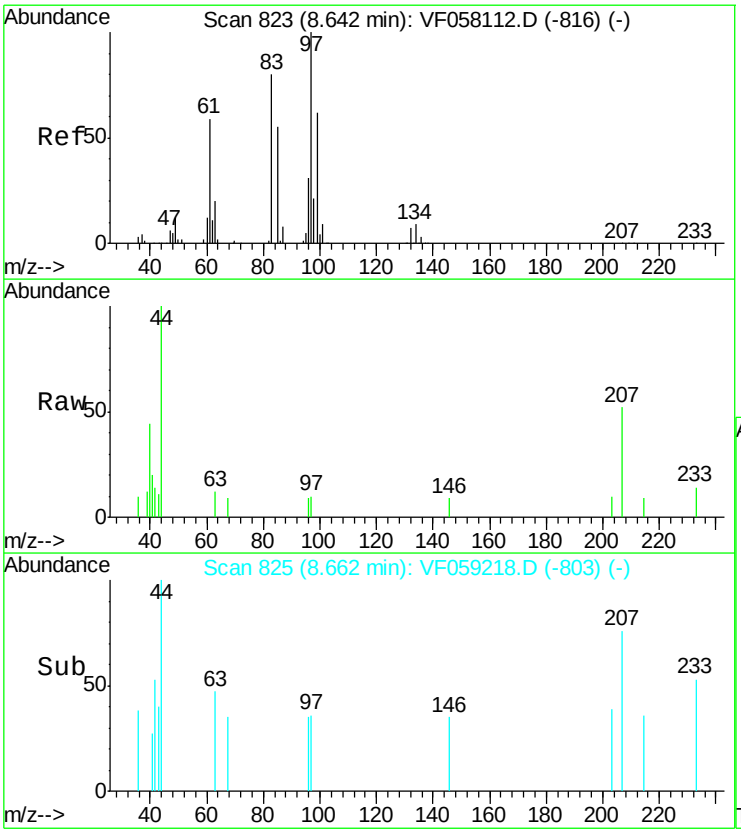
#54
cis-1,3-Dichloropropene
Concen: 5.671 ug/l
RT: 7.51 min Scan# 708
Delta R.T. 0.06 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 91

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.3	39.5#
39	0.0	52.1	78.1#

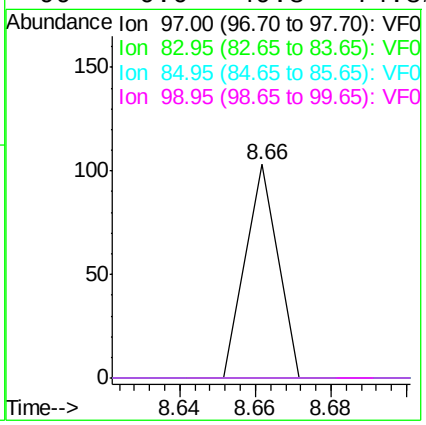


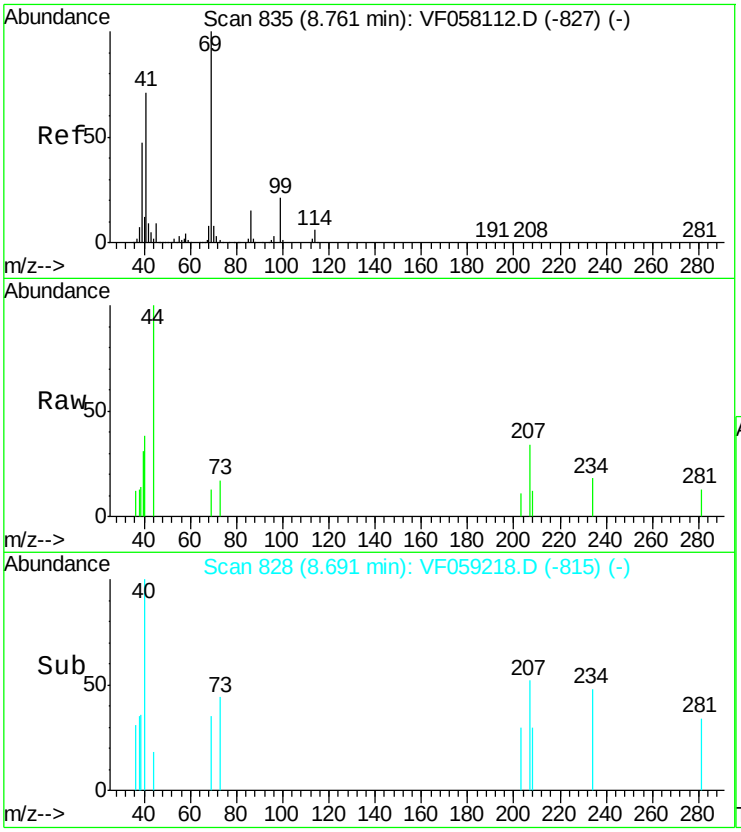


#55
1,1,2-Trichloroethane
Concen: 7.997 ug/l
RT: 8.66 min Scan# 825
Delta R.T. 0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 97 Resp: 61

Ion	Ratio	Lower	Upper
97	100		
83	0.0	64.3	96.5#
85	0.0	43.8	65.8#
99	0.0	49.8	74.8#



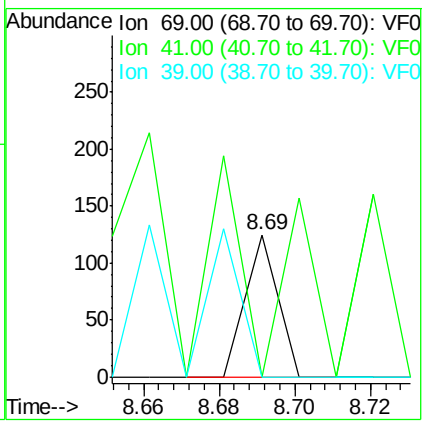


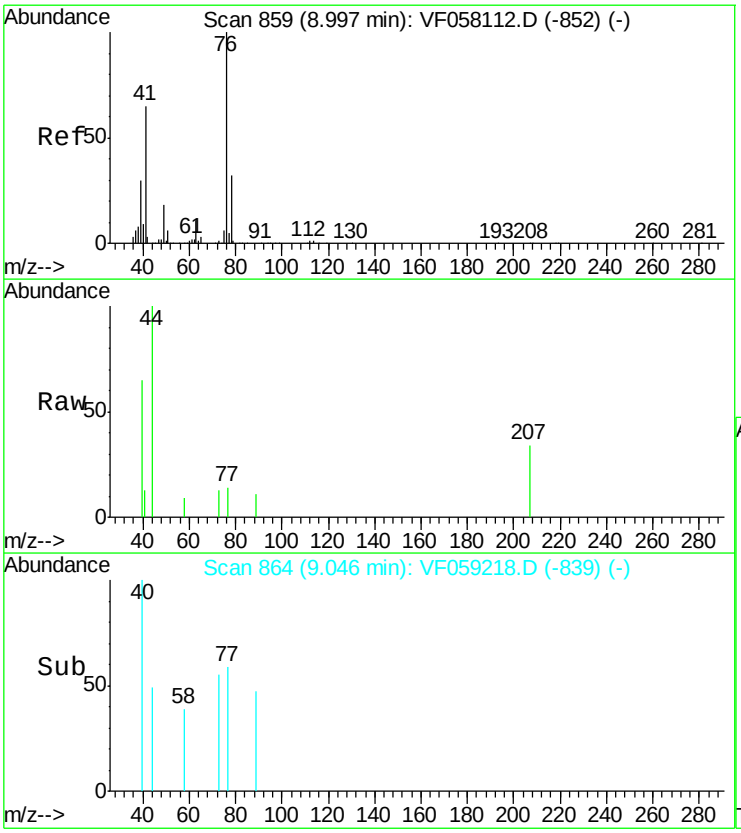
#56
Ethyl methacrylate
Concen: 7.696 ug/l
RT: 8.69 min Scan# 828
Delta R.T. -0.07 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 74

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.9	85.3#
39	0.0	38.0	57.0#

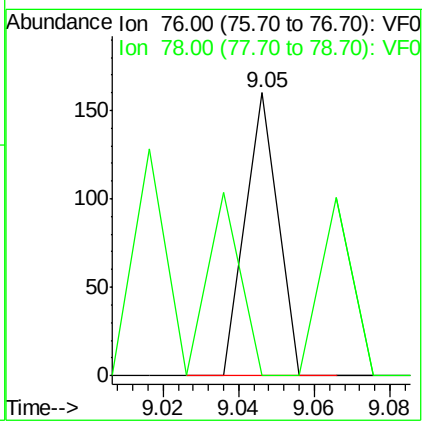


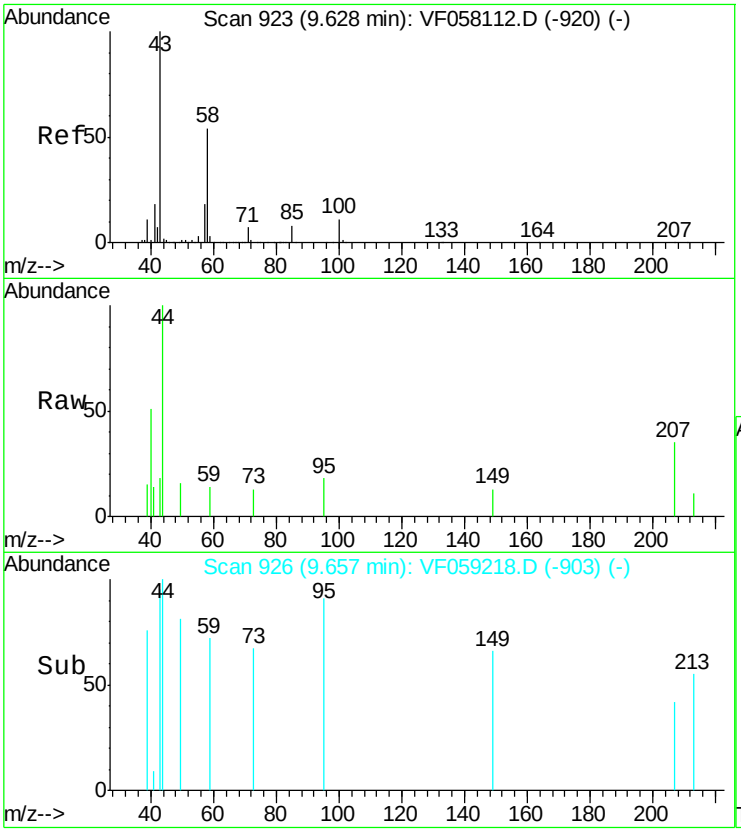


#57
1,3-Dichloropropane
Concen: 7.280 ug/l
RT: 9.05 min Scan# 864
Delta R.T. 0.05 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 76 Resp: 95

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#



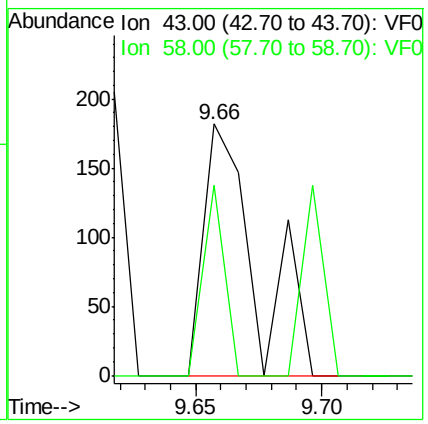


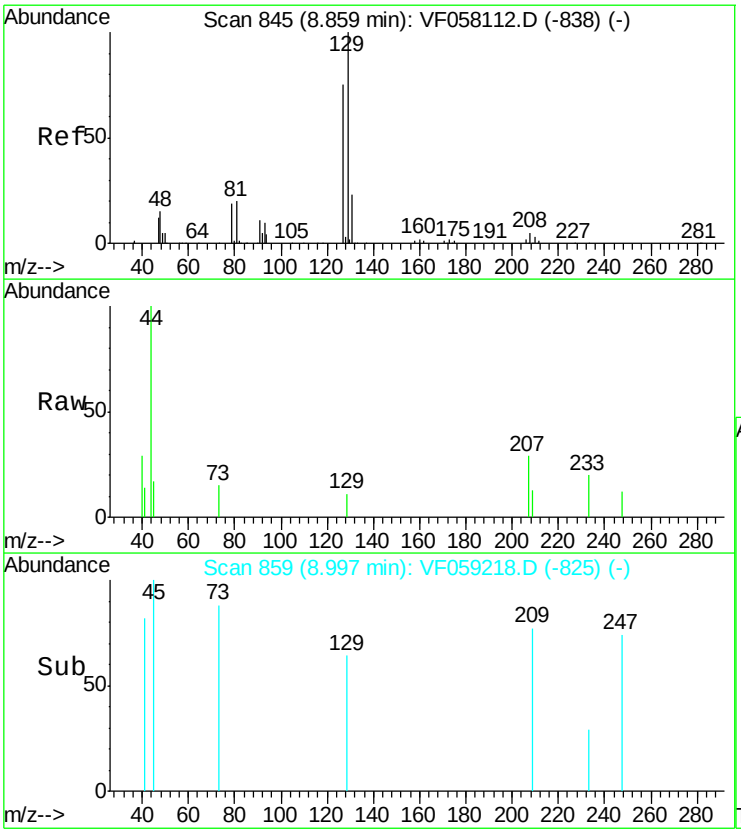
#59
2-Hexanone
Concen: 46.205 ug/l
RT: 9.66 min Scan# 926
Delta R.T. 0.03 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 261

Ion	Ratio	Lower	Upper
43	100		
58	75.8	26.3	78.8

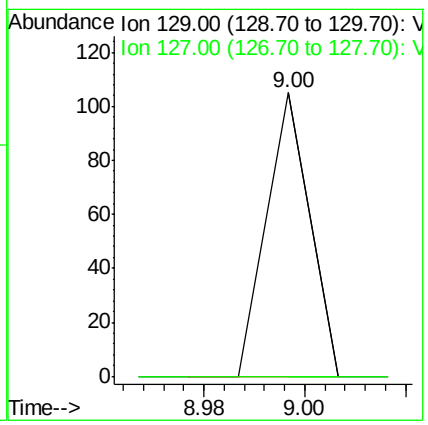


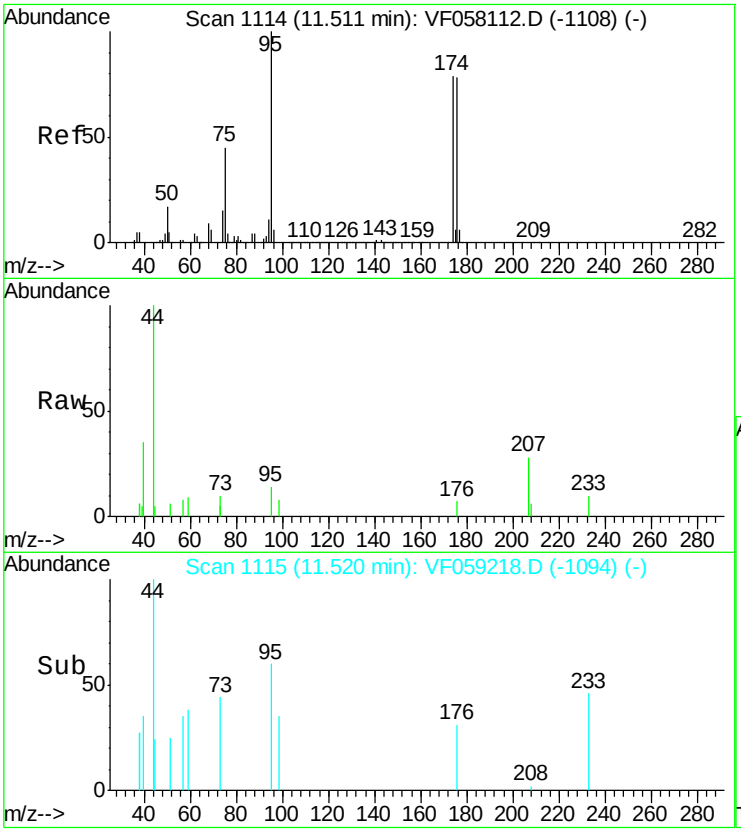


#60
Dibromochloromethane
Concen: 5.656 ug/l
RT: 9.00 min Scan# 859
Delta R.T. 0.14 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:129 Resp: 62

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.6	112.9#



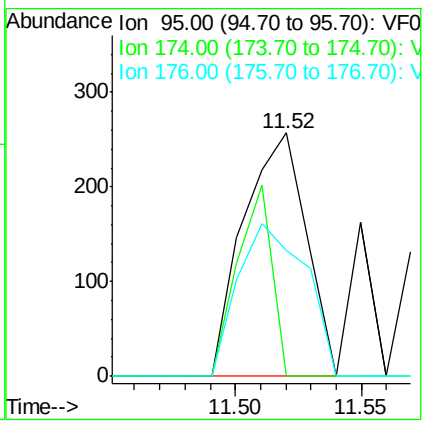


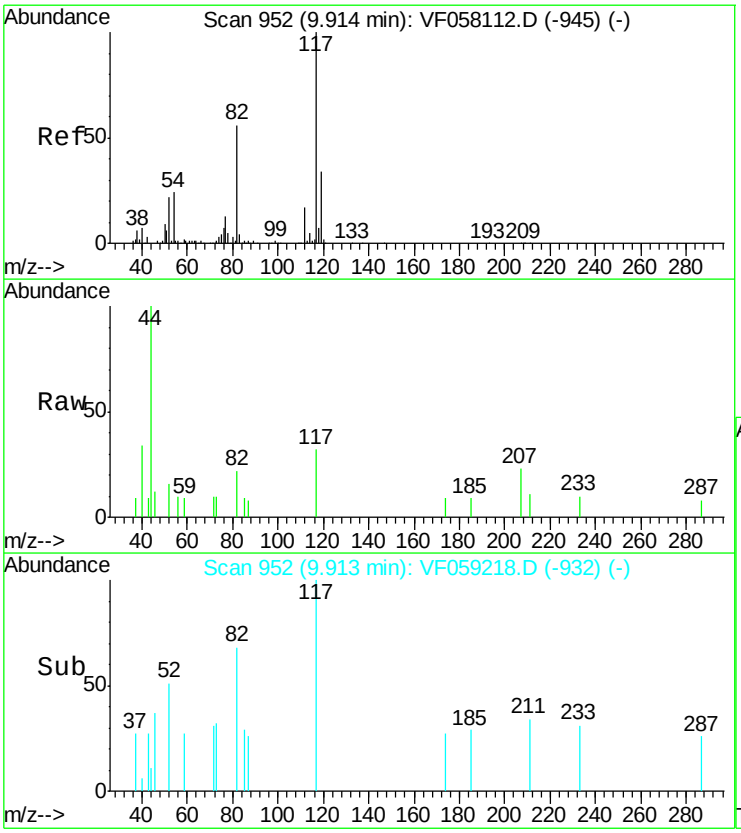
#62
4-Bromofluorobenzene
Concen: 32.328 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 444

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	157.8
176	51.8	0.0	155.8

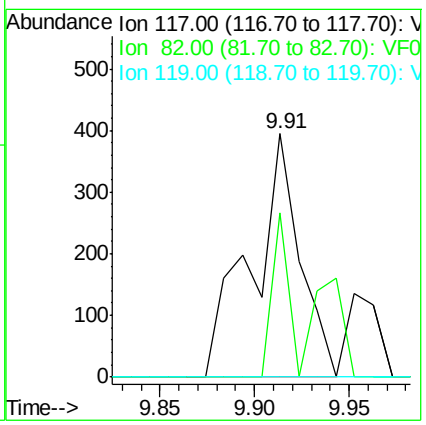


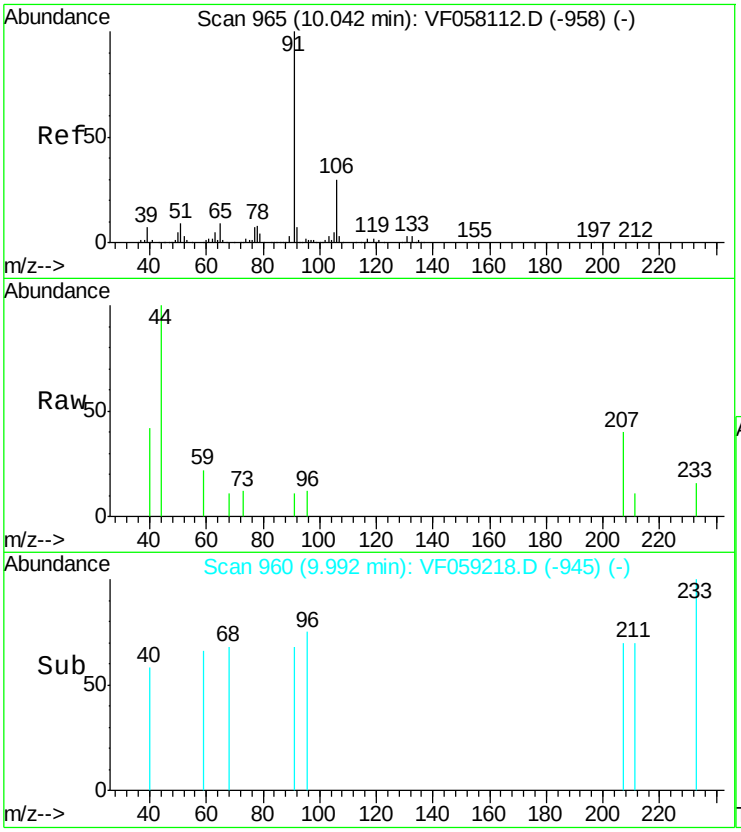


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:117 Resp: 697

Ion	Ratio	Lower	Upper
117	100		
82	67.6	45.2	67.8
119	0.0	27.5	41.3#



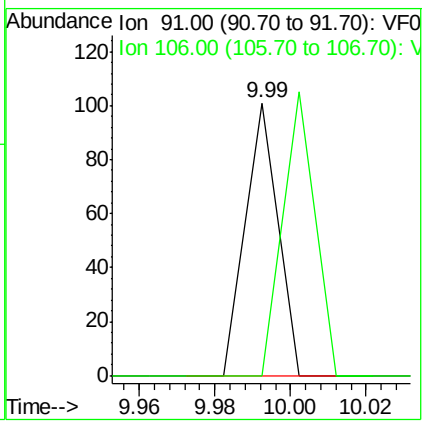


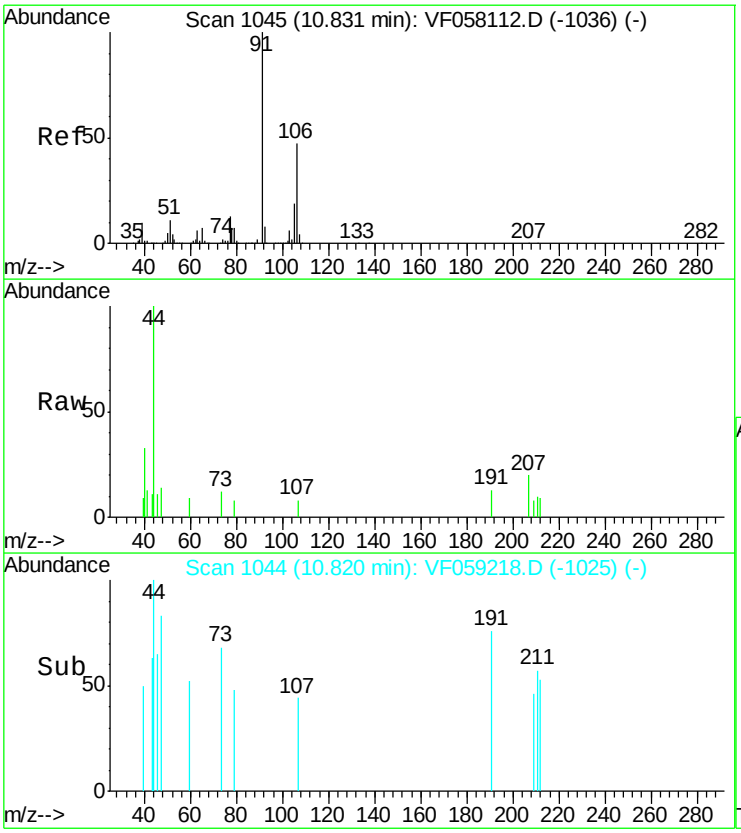
#67
Ethyl Benzene
Concen: 2.502 ug/l
RT: 9.99 min Scan# 960
Delta R.T. -0.05 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 60

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.2	36.4#

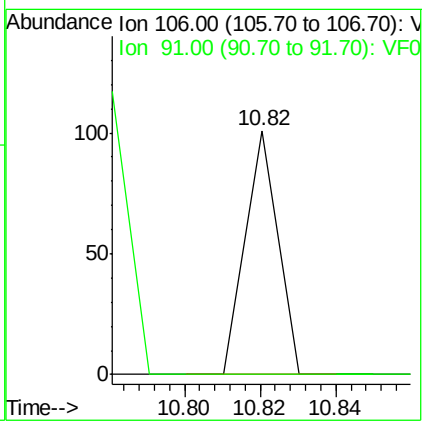


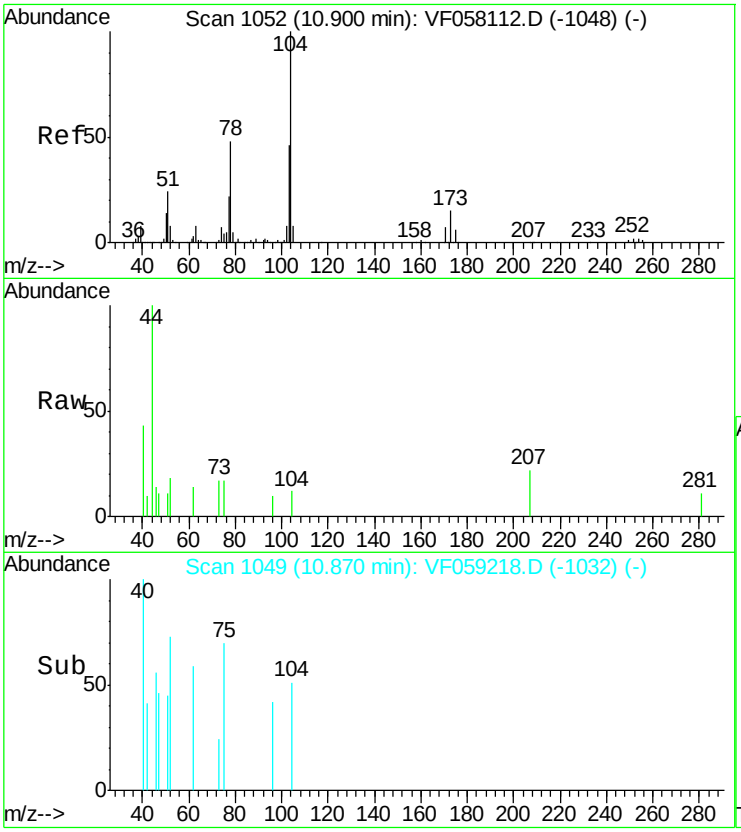


#69
o-Xylene
Concen: 6.183 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:106 Resp: 60

Ion	Ratio	Lower	Upper
106	100		
91	0.0	107.0	321.0#



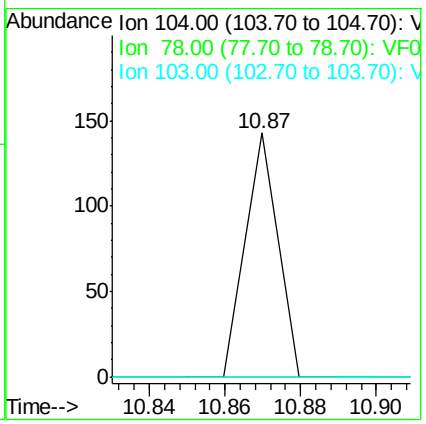


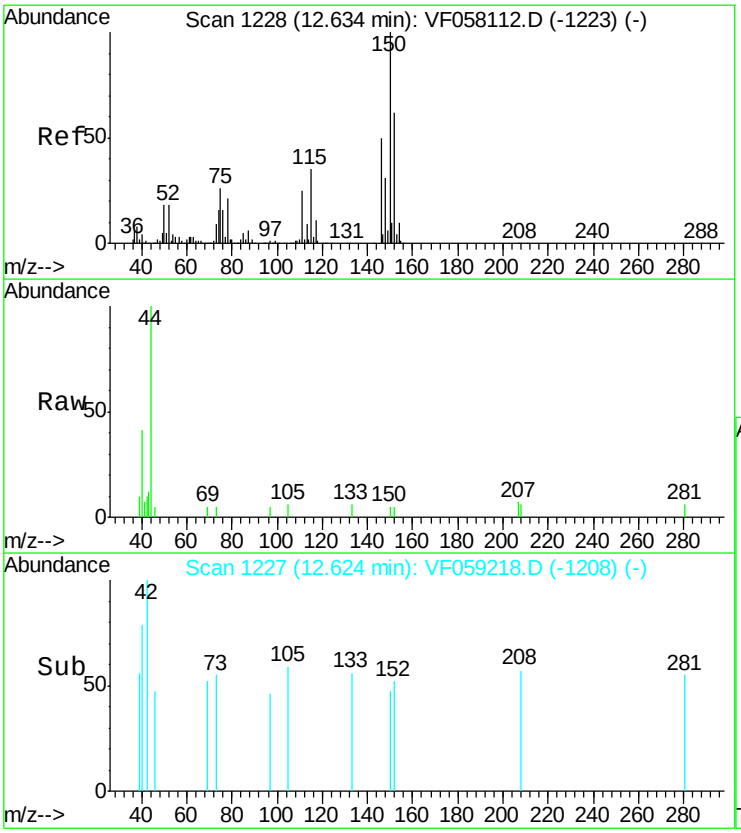
#70
Stvrene
Concen: 5.789 ug/l
RT: 10.87 min Scan# 1049
Delta R.T. -0.03 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:104 Resp: 85

Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.4	57.6#
103	0.0	37.0	55.6#

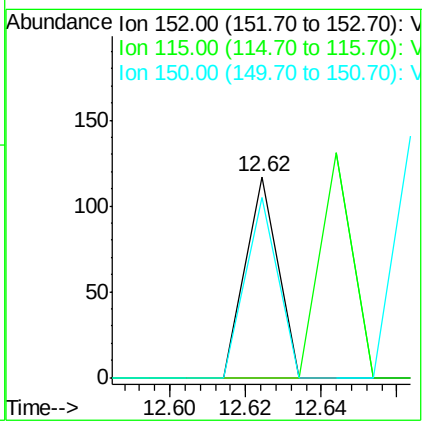


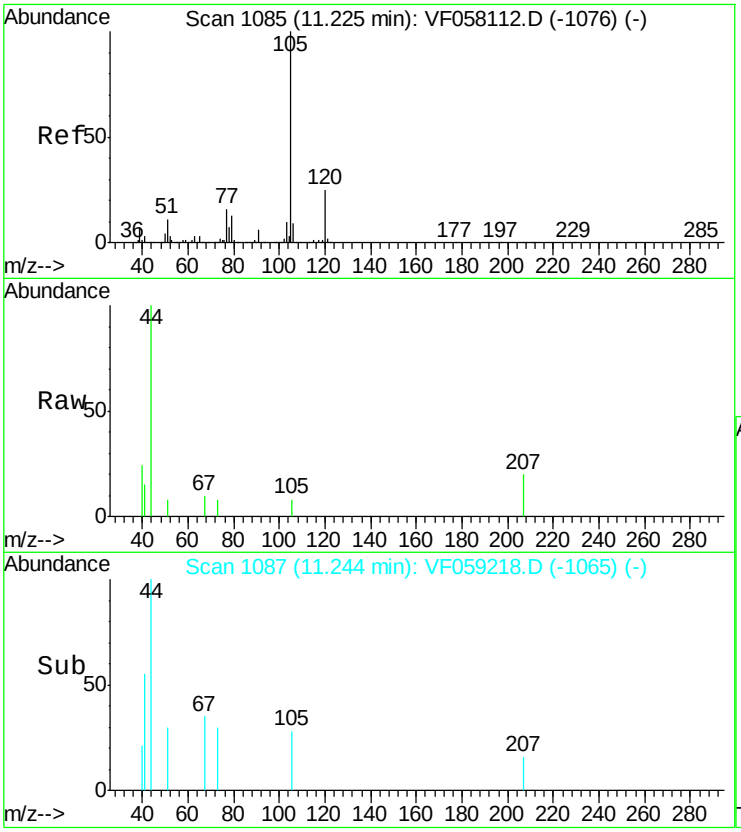


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:152 Resp: 69

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.5	85.5#
150	89.7	0.0	323.8



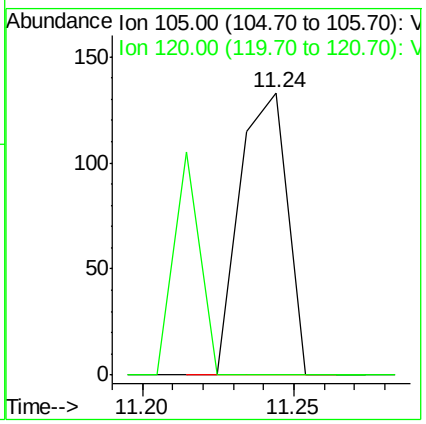


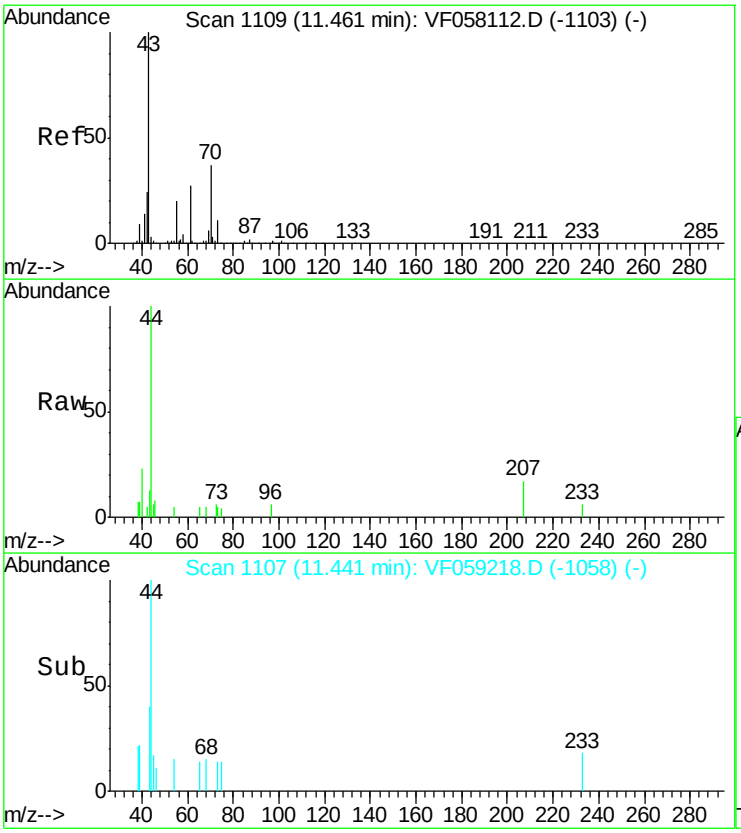
#73
Isopropylbenzene
Concen: 30.771 ug/l
RT: 11.24 min Scan# 1087
Delta R.T. 0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 147

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.7	38.1#

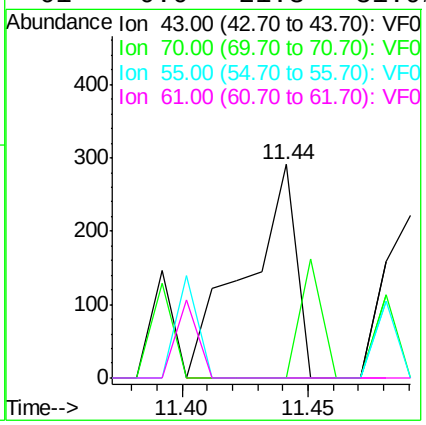


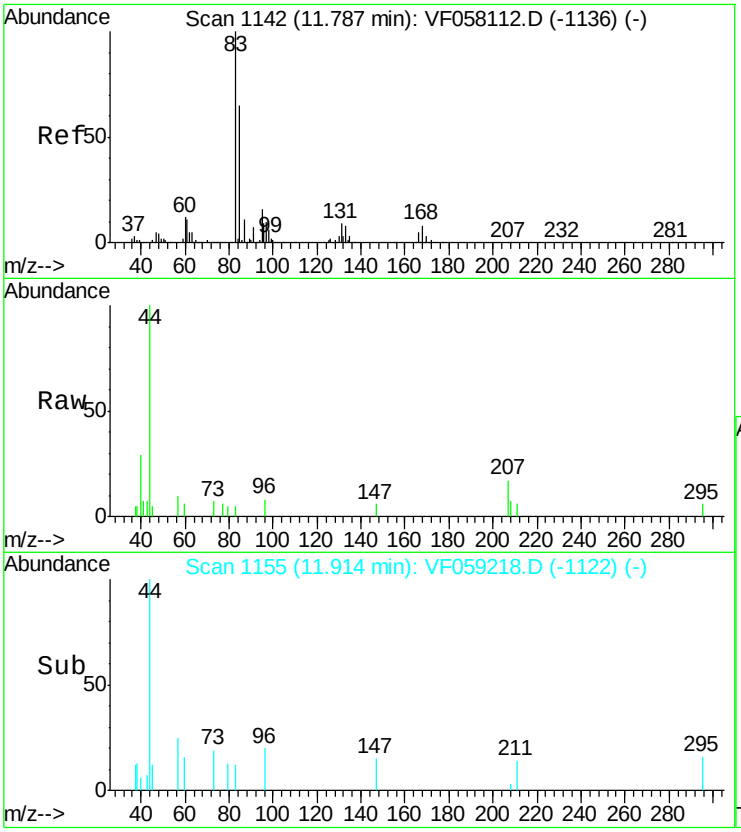


#74
N-amyl acetate
Concen: 239.090 ug/l
RT: 11.44 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 43 Resp: 408

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.2	43.8#
55	0.0	15.8	23.6#
61	0.0	21.3	31.9#



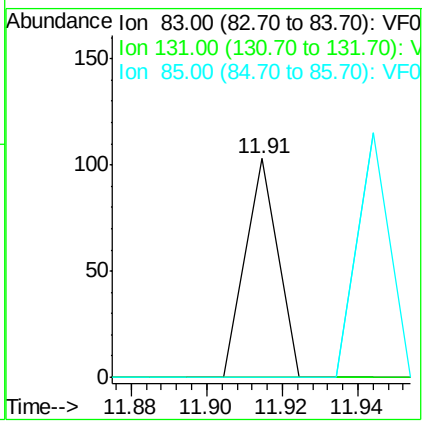


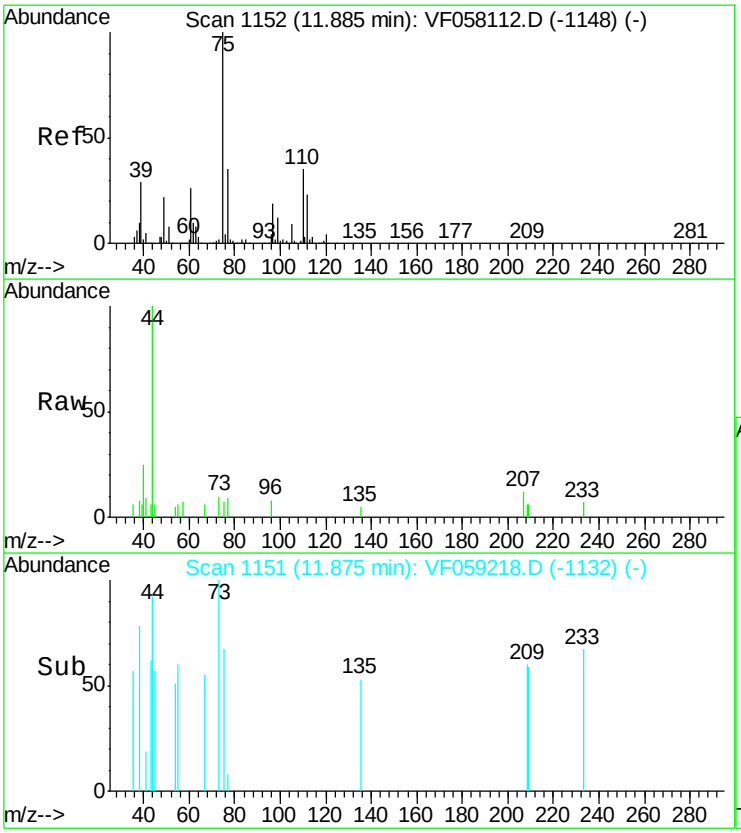
#75
1,1,2,2-Tetrachloroethane
Concen: 53.859 ug/l
RT: 11.91 min Scan# 1155
Delta R.T. 0.13 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 61

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	0.0	32.8	98.3#

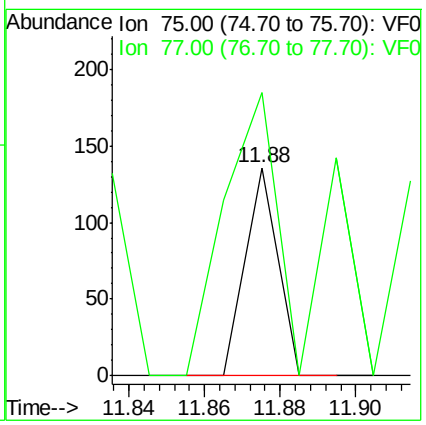


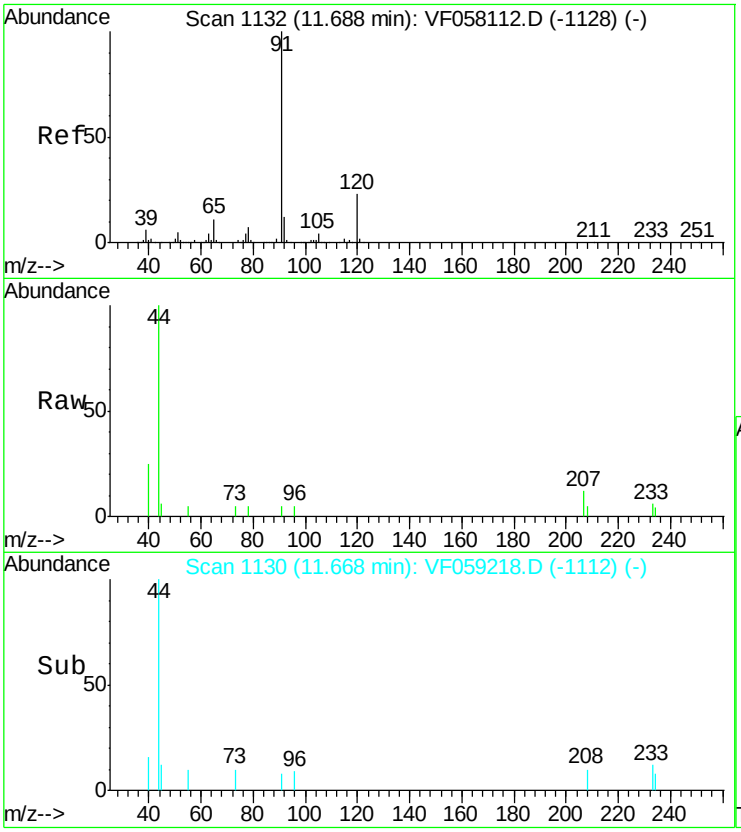


#76
1,2,3-Trichloropropane
Concen: 95.641 ug/l
RT: 11.88 min Scan# 1151
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 75 Resp: 80

Ion	Ratio	Lower	Upper
75	100		
77	136.0	17.5	52.5#



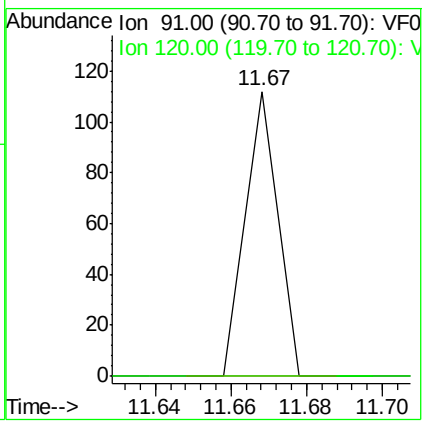


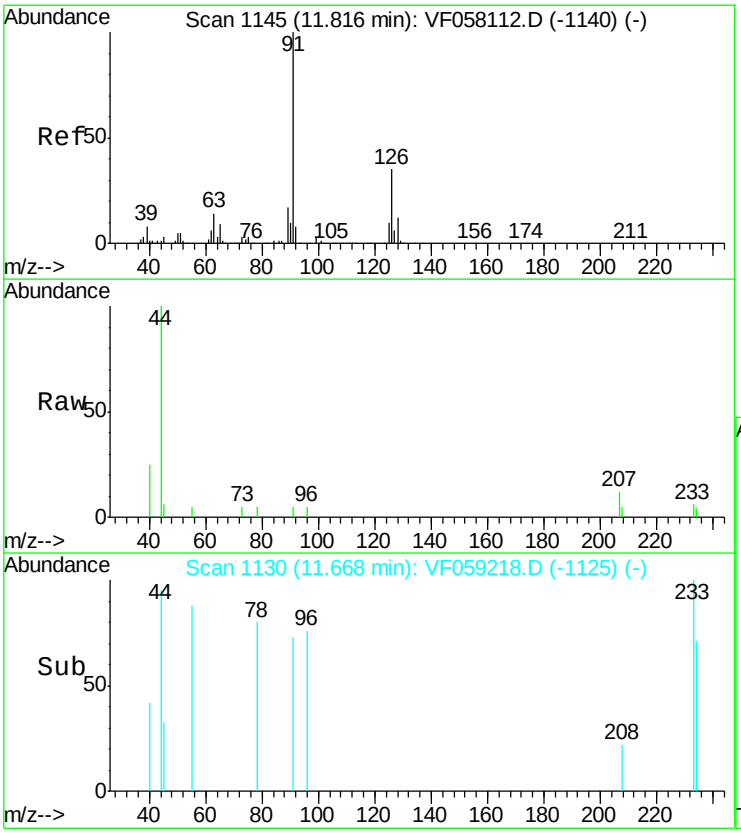
#78
n-propylbenzene
Concen: 11.672 ug/l
RT: 11.67 min Scan# 1130
Delta R.T. -0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 66

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.5	34.5#

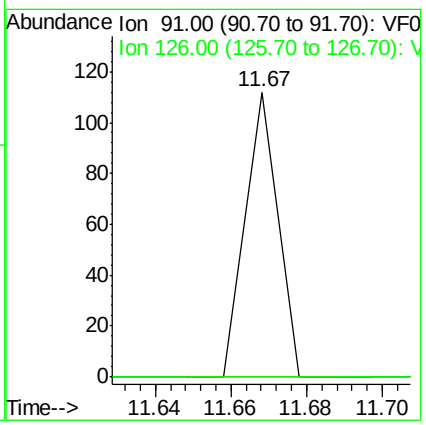


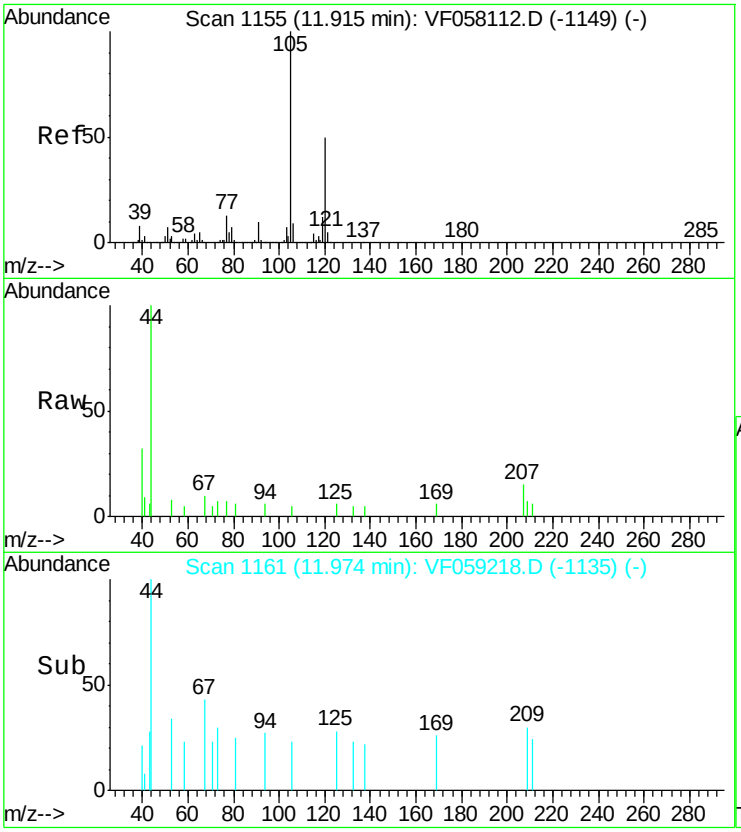


#79
2-Chlorotoluene
Concen: 19.758 ug/l
RT: 11.67 min Scan# 1130
Delta R.T. -0.15 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 91 Resp: 66

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.6	52.9#



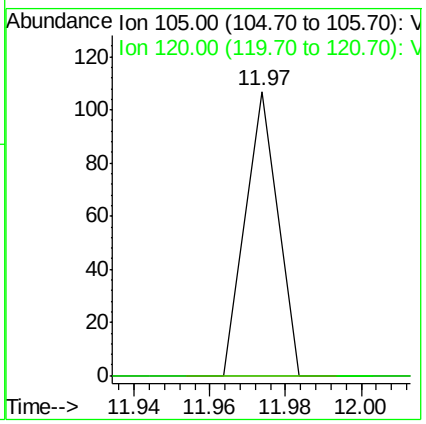


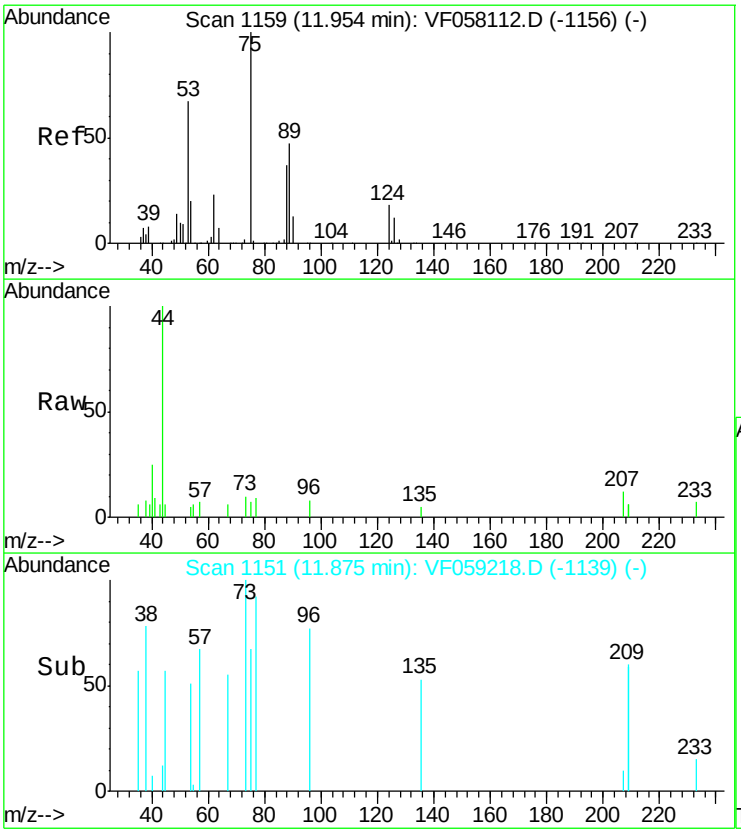
#80
1,3,5-Trimethylbenzene
Concen: 15.934 ug/l
RT: 11.97 min Scan# 1161
Delta R.T. 0.06 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 63

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.9	74.6#

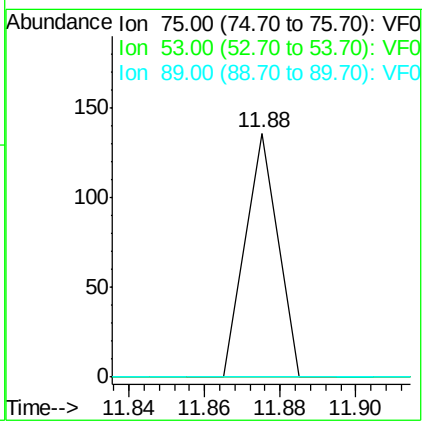


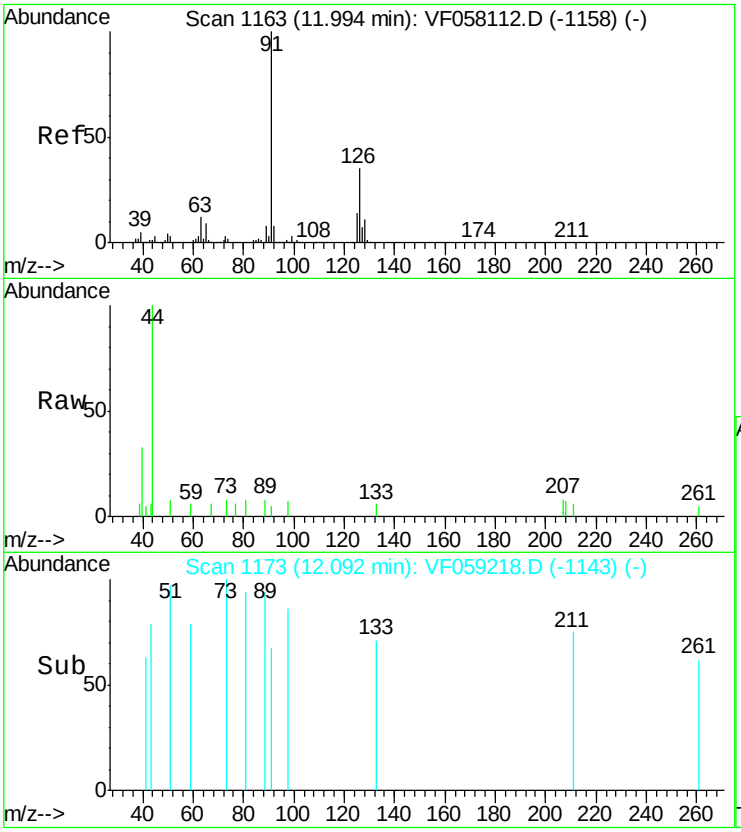


#81
trans-1,4-Dichloro-2-butene
Concen: 147.512 ug/l
RT: 11.88 min Scan# 1151
Delta R.T. -0.08 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 75 Resp: 80

Ion	Ratio	Lower	Upper
75	100		
53	0.0	58.7	88.1#
89	0.0	39.8	59.6#



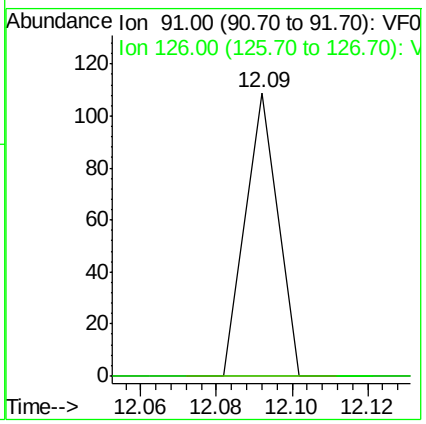


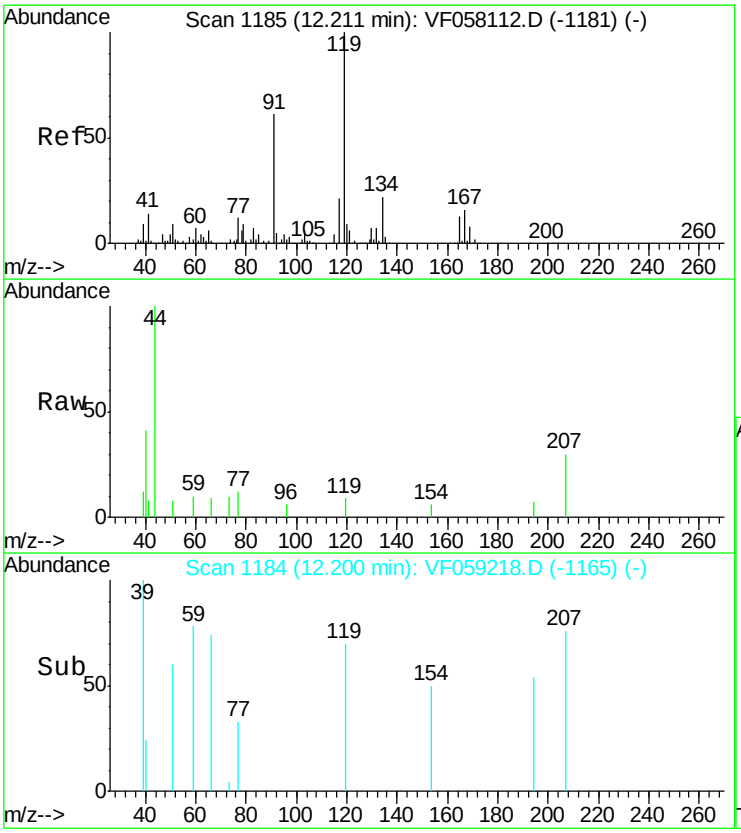
#82
4-Chlorotoluene
Concen: 17.997 ug/l
RT: 12.09 min Scan# 1173
Delta R.T. 0.10 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 91 Resp: 64

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.2#

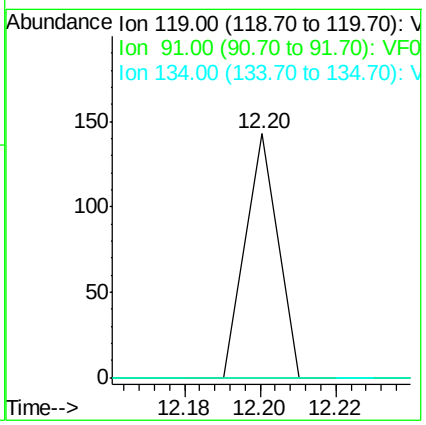


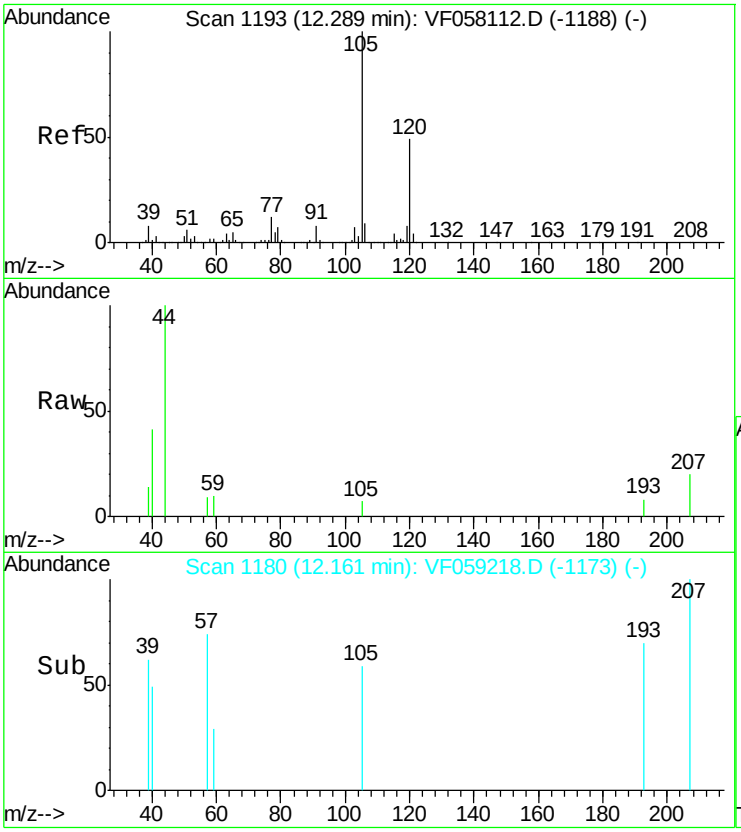


#83
tert-Butylbenzene
Concen: 21.651 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:119 Resp: 85

Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.4	91.3#
134	0.0	11.2	33.5#



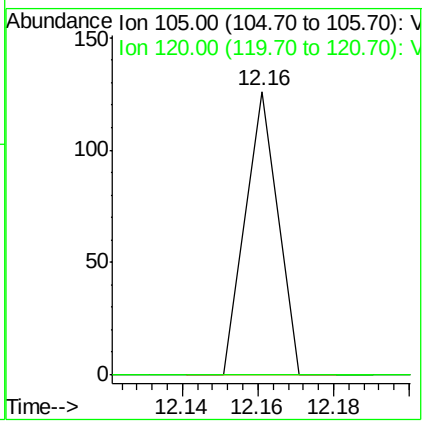


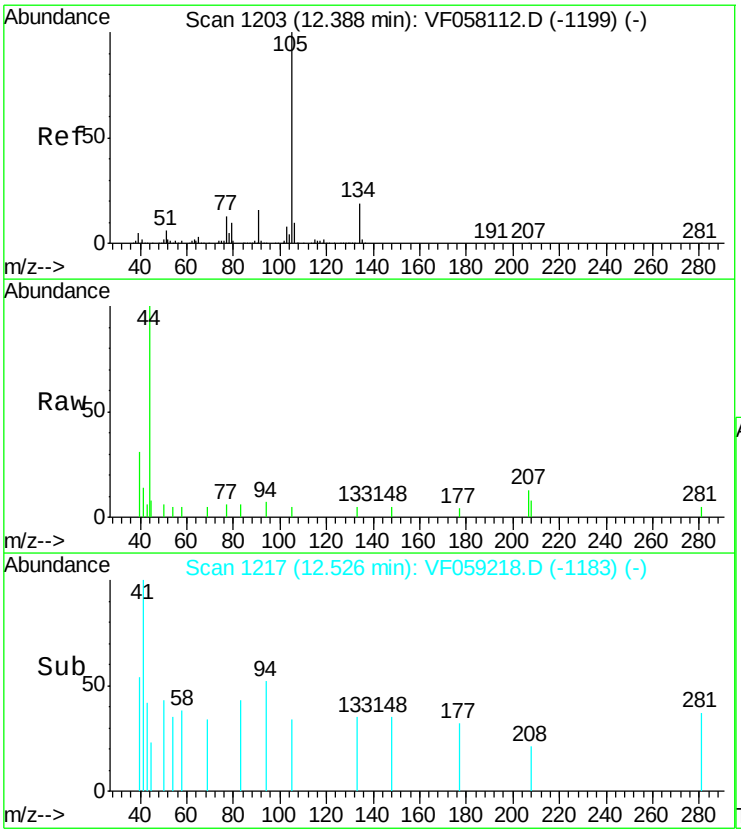
#84
1,2,4-Trimethylbenzene
Concen: 18.063 ug/l
RT: 12.16 min Scan# 1180
Delta R.T. -0.13 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 74

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.7	74.1#

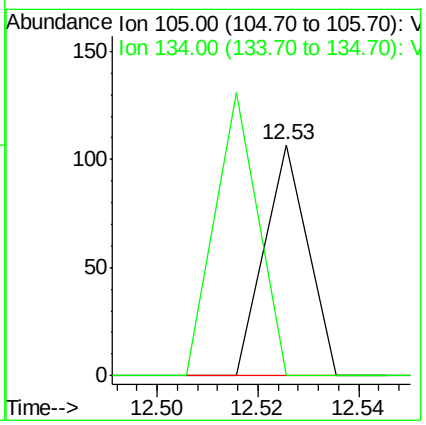


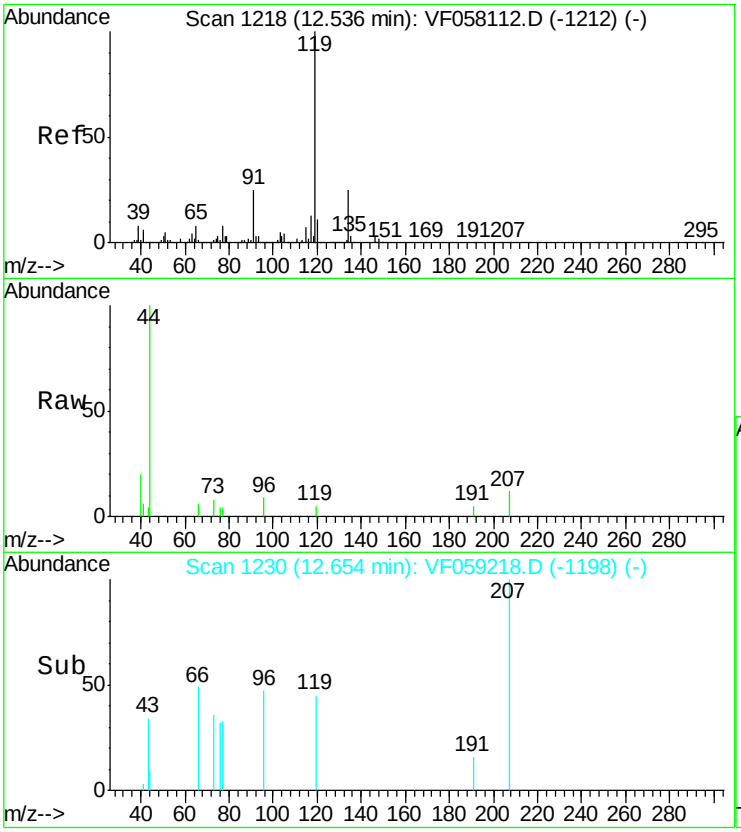


#85
sec-Butylbenzene
Concen: 11.810 ug/l
RT: 12.53 min Scan# 1217
Delta R.T. 0.14 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:105 Resp: 63

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.6#



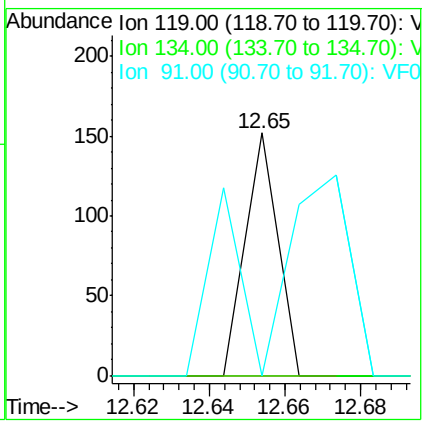


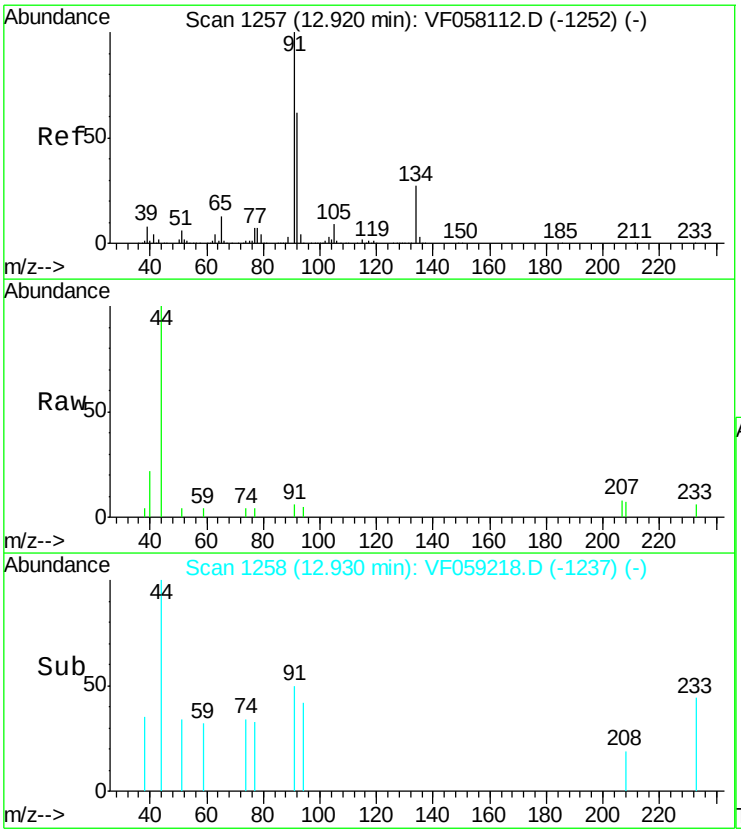
#86
p-Isopropyltoluene
Concen: 20.541 ug/l
RT: 12.65 min Scan# 1230
Delta R.T. 0.12 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:119 Resp: 90

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.7	38.0#
91	0.0	12.6	37.6#

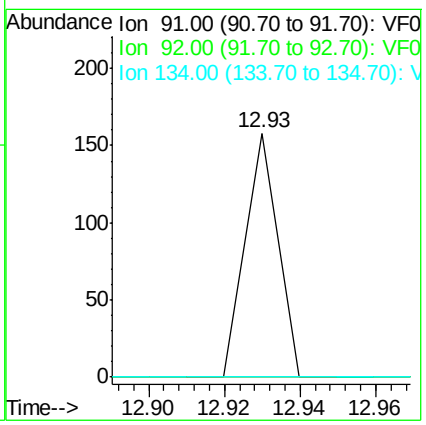


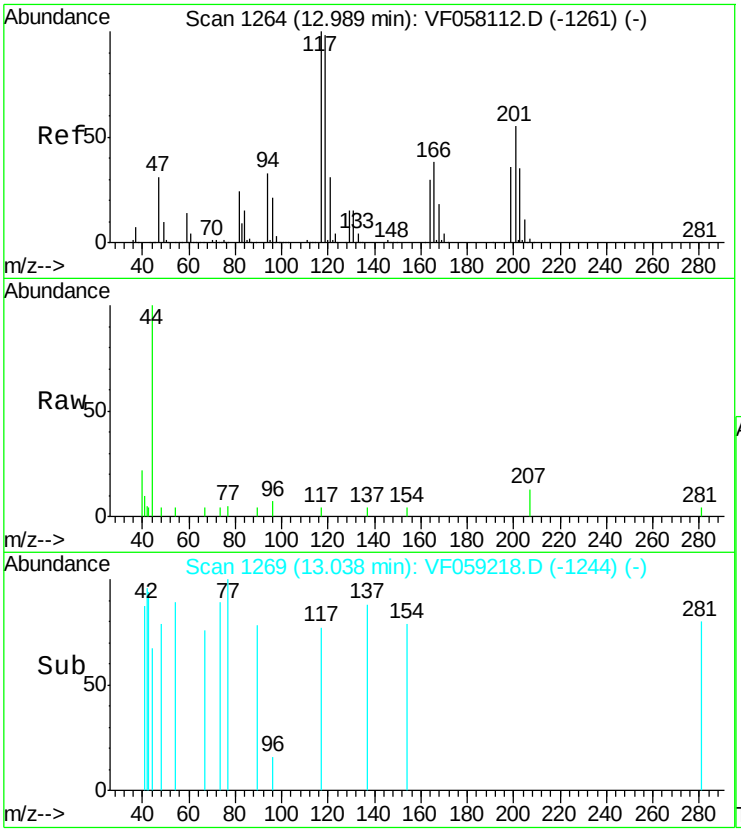


#89
n-Butylbenzene
Concen: 18.523 ug/l
RT: 12.93 min Scan# 1258
Delta R.T. 0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 91 Resp: 93

Ion	Ratio	Lower	Upper
91	100		
92	0.0	31.1	93.5#
134	0.0	13.6	40.8#



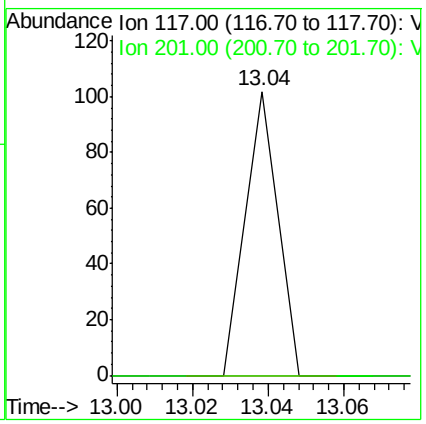


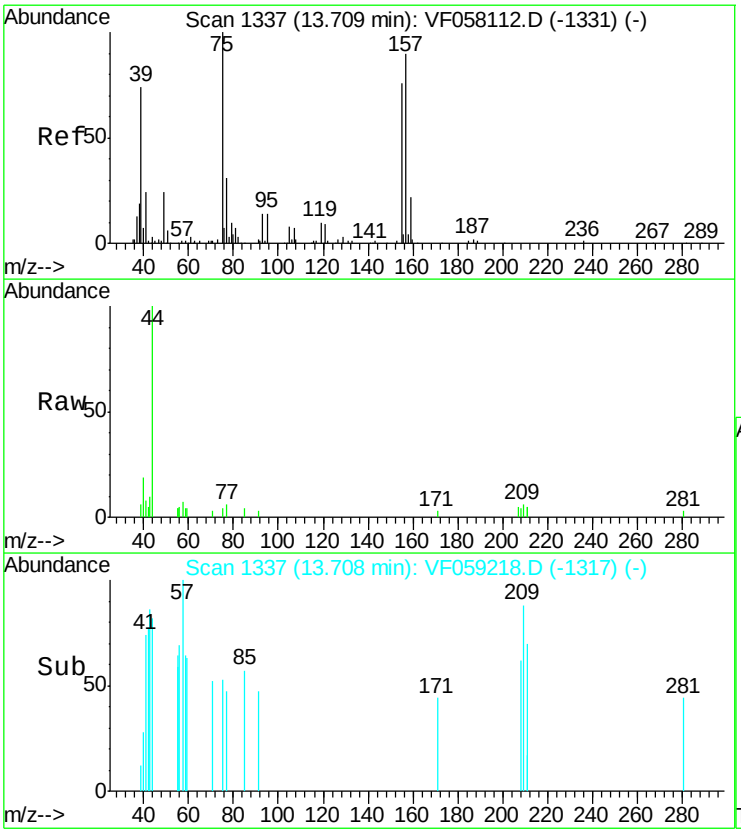
#90
Hexachloroethane
Concen: 55.606 ug/l
RT: 13.04 min Scan# 1269
Delta R.T. 0.05 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 60

Ion	Ratio	Lower	Upper
117	100		
201	0.0	27.5	82.4#

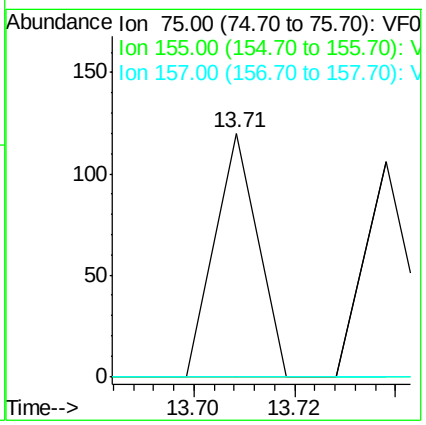


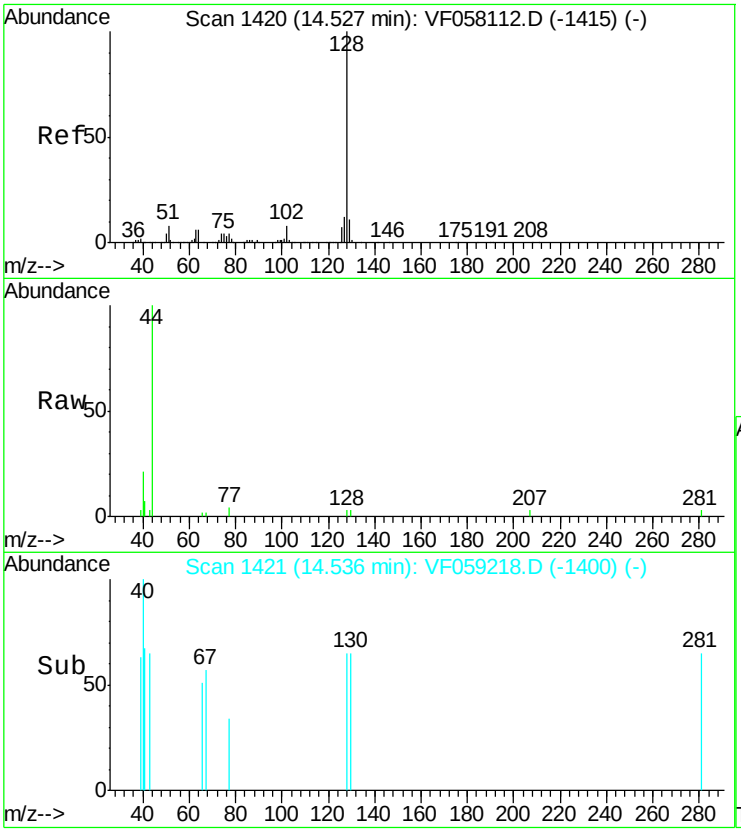


#92
1,2-Dibromo-3-Chloropropane
Concen: 319.591 ug/l
RT: 13.71 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 75 Resp: 71

Ion	Ratio	Lower	Upper
75	100		
155	0.0	38.0	114.0#
157	0.0	45.1	135.5#





#95
Naphthalene
Concen: 23.789 ug/l
RT: 14.54 min Scan# 1421
Delta R.T. 0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 76

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	8.7	13.1#