Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070318\
Data File : VF059412.D
Acq On : 3 Jul 2018 15:17
Operator : VA/AP
Sample : J3774-09RE
Misc : 5.25g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Quant Time: Jul 04 00:11:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	78	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	256	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	187	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	1479	1467.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 2935.26%			
35) Dibromofluoromethane	4.26	113	175	93.56	ug/l	-0.02
Spiked Amount 50.000			Recovery = 187.12%			
50) Toluene-d8	7.68	98	195	42.11	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.22%			
62) 4-Bromofluorobenzene	11.48	95	290	111.01	ug/l	-0.02
Spiked Amount 50.000			Recovery = 222.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	111	155.759	ug/l #	40
3) Chloromethane	1.09	50	468	977.525	ug/l #	41
4) Vinyl Chloride	1.12	62	83	176.125	ug/l #	42
5) Bromomethane	1.31	94	536	932.909	ug/l #	39
6) Chloroethane	1.39	64	67	282.276	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	1.97	101	83	152.585	ug/l #	18
11) Tert butyl alcohol	2.69	59	66	983.761	ug/l #	66
12) 1,1-Dichloroethene	1.83	96	130	282.696	ug/l #	1
13) Acrolein	2.04	56	71	2384.523	ug/l #	10
14) Allyl chloride	2.20	41	197	228.212	ug/l #	1
15) Acrylonitrile	3.15	53	63	533.250	ug/l #	9
16) Acetone	2.34	43	111	449.158	ug/l #	65
17) Carbon Disulfide	1.82	76	69	63.787	ug/l #	71
18) Methyl Acetate	2.39	43	127	284.675	ug/l #	61
19) Methyl tert-butyl Ether	2.60	73	198	115.434	ug/l #	63
20) Methylene Chloride	2.27	84	332	680.654	ug/l #	42
21) trans-1,2-Dichloroethene	2.37	96	72	146.775	ug/l #	1
22) Diisopropyl ether	2.89	45	83	43.420	ug/l #	37
23) Vinyl Acetate	3.33	43	214	175.785	ug/l #	79
24) 1,1-Dichloroethane	2.99	63	81	68.344	ug/l #	90
25) 2-Butanone	4.50	43	379	1254.252	ug/l #	59
26) 2,2-Dichloropropane	3.74	77	206	252.003	ug/l #	62
27) cis-1,2-Dichloroethene	3.61	96	60	80.560	ug/l	1
28) Bromochloromethane	3.78	49	106	249.858	ug/l #	6
29) Tetrahydrofuran	4.10	42	82	646.691	ug/l #	36
30) Chloroform	3.86	83	130	75.768	ug/l #	18
31) Cyclohexane	3.78	56	60	77.279	ug/l #	13
36) 1,1-Dichloropropene	4.28	75	66	29.512	ug/l #	44
37) Ethyl Acetate	4.28	43	277	198.009	ug/l #	26
39) Methylcyclohexane	5.46	83	63	31.790	ug/l #	15
40) Benzene	4.76	78	62	12.504	ug/l #	51
41) Methacrylonitrile	4.89	41	67	87.828	ug/l #	1
42) 1,2-Dichloroethane	5.14	62	70	24.159	ug/l	83
43) Isopropyl Acetate	7.08	43	195	104.682	ug/l #	52

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
Data File : VF059412.D
Acq On : 3 Jul 2018 15:17
Operator : VA/AP
Sample : J3774-09RE
Misc : 5.25g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Quant Time: Jul 04 00:11:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,2-Dichloropropane	6.26	63	60	42.352 ug/l #	43
48) Methyl methacrylate	6.85	41	140	112.137 ug/l #	11
51) 4-Methyl-2-Pentanone	8.39	43	89	64.491 ug/l #	39
53) t-1,3-Dichloropropene	8.43	75	111	40.912 ug/l #	43
54) cis-1,3-Dichloropropene	7.26	75	79	26.807 ug/l #	23
56) Ethyl methacrylate	8.71	69	88	49.312 ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.85	63	69	515.537 ug/l	100
59) 2-Hexanone	9.59	43	67	51.185 ug/l #	30
60) Dibromochloromethane	8.73	129	63	28.327 ug/l #	9
61) 1,2-Dibromoethane	9.19	107	61	34.915 ug/l #	1
64) Tetrachloroethene	8.27	164	83	100.766 ug/l #	1
67) Ethyl Benzene	10.01	91	137	34.316 ug/l #	44
68) m/p-Xylenes	10.23	106	146	102.748 ug/l #	60
70) Styrene	10.87	104	72	29.739 ug/l #	29
73) Isopropylbenzene	11.22	105	60	5.508 ug/l #	51
74) N-amyl acetate	11.46	43	403	101.938 ug/l #	46
76) 1,2,3-Trichloropropane	11.75	75	72	34.691 ug/l #	39
78) n-propylbenzene	11.66	91	72	5.503 ug/l #	52
79) 2-Chlorotoluene	11.78	91	66	8.257 ug/l #	40
80) 1,3,5-Trimethylbenzene	11.89	105	63	6.602 ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.04	75	144	116.575 ug/l #	14
83) tert-Butylbenzene	12.17	119	75	7.858 ug/l #	31
84) 1,2,4-Trimethylbenzene	12.26	105	86	8.557 ug/l #	31
85) sec-Butylbenzene	12.36	105	77	6.086 ug/l #	58
86) p-Isopropyltoluene	12.52	119	67	6.310 ug/l #	50
89) n-Butylbenzene	12.89	91	209	19.391 ug/l #	29
90) Hexachloroethane	13.10	117	60	22.674 ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.61	75	127	208.226 ug/l #	1
95) Naphthalene	14.51	128	468	55.131 ug/l #	69
96) 1,2,3-Trichlorobenzene	14.55	180	63	16.391 ug/l #	12

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070318\
Data File : VF059412.D
Acq On : 3 Jul 2018 15:17
Operator : VA/AP
Sample : J3774-09RE
Misc : 5.25g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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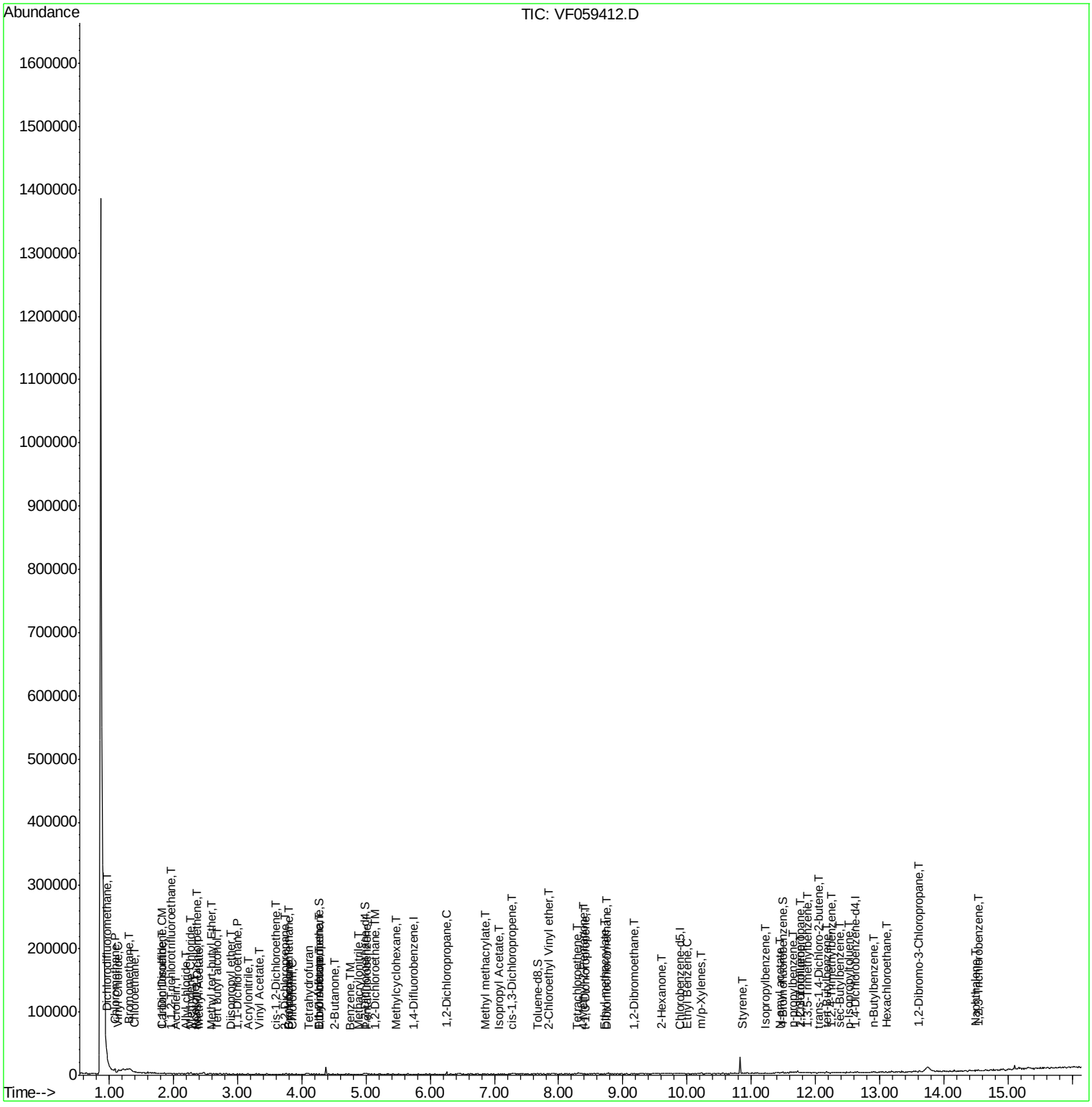
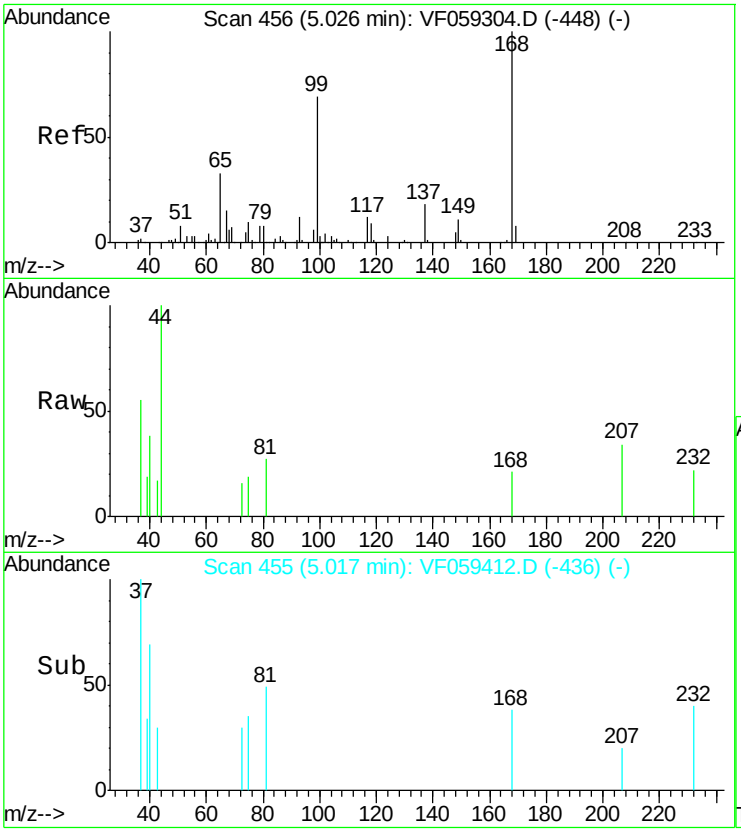
SB-3(4-6)

Quant Time: Jul 04 00:11:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration



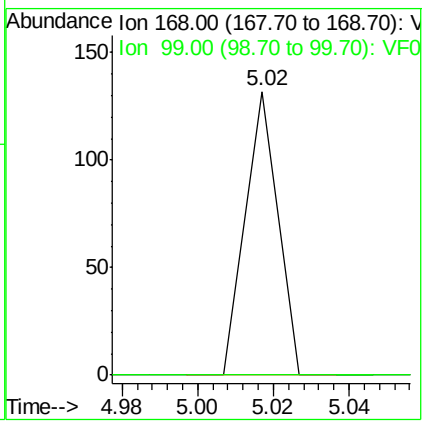


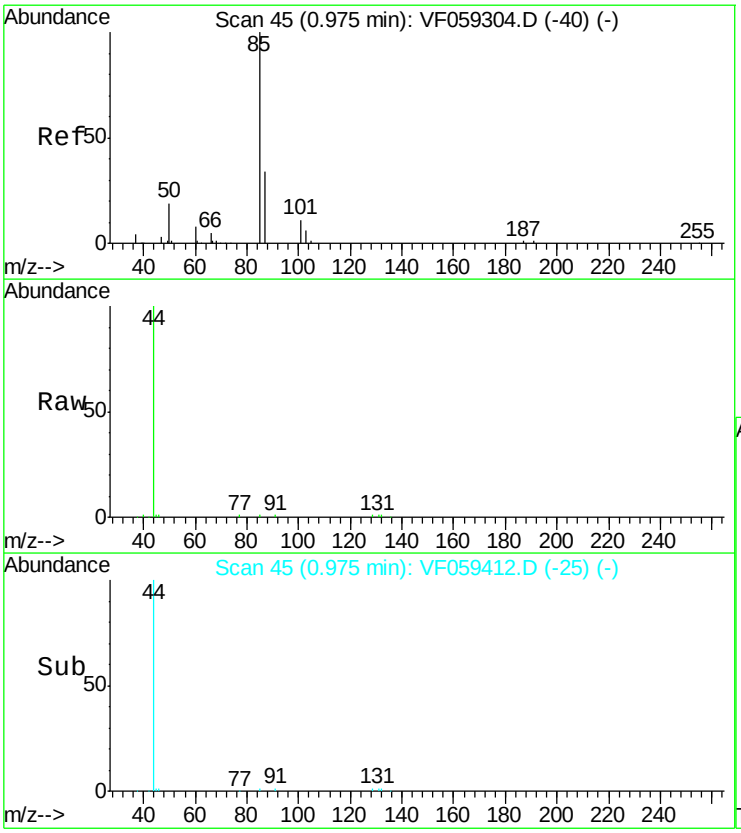
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion:168 Resp: 78

Ion	Ratio	Lower	Upper
168	100		
99	0.0	54.9	82.3#

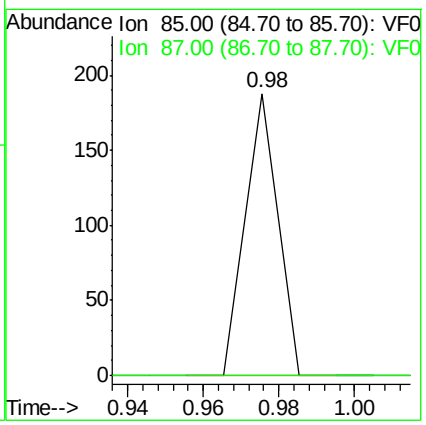


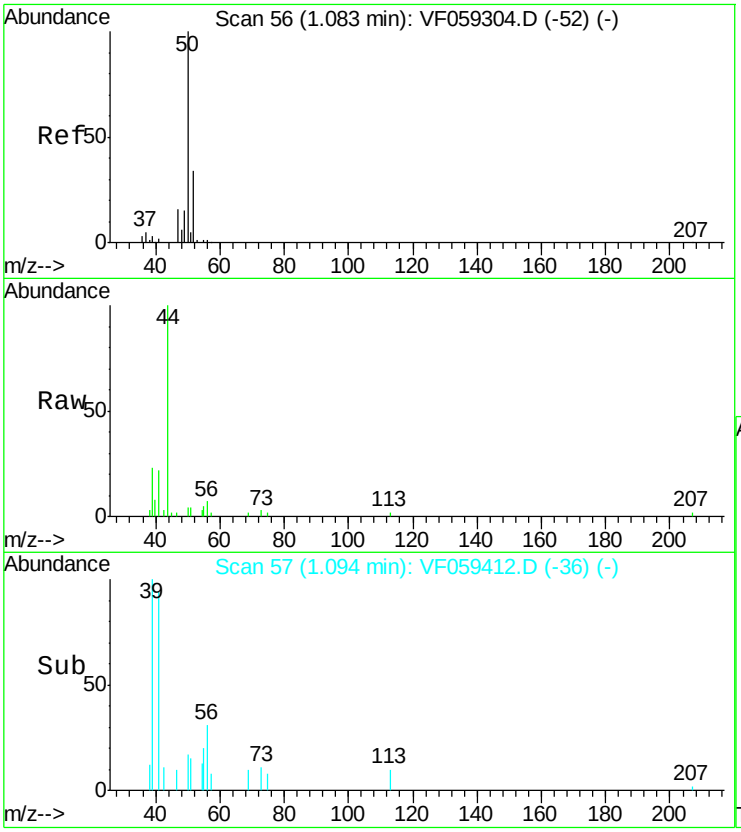


#2
Dichlorodifluoromethane
Concen: 155.759 ug/l
RT: 0.98 min Scan# 45
Delta R.T. 0.00 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 85 Resp: 111

Ion	Ratio	Lower	Upper
85	100		
87	0.0	17.1	51.3#



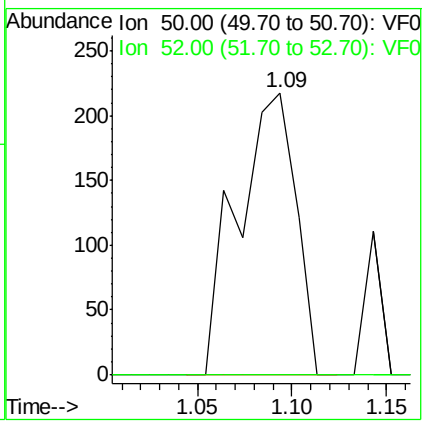


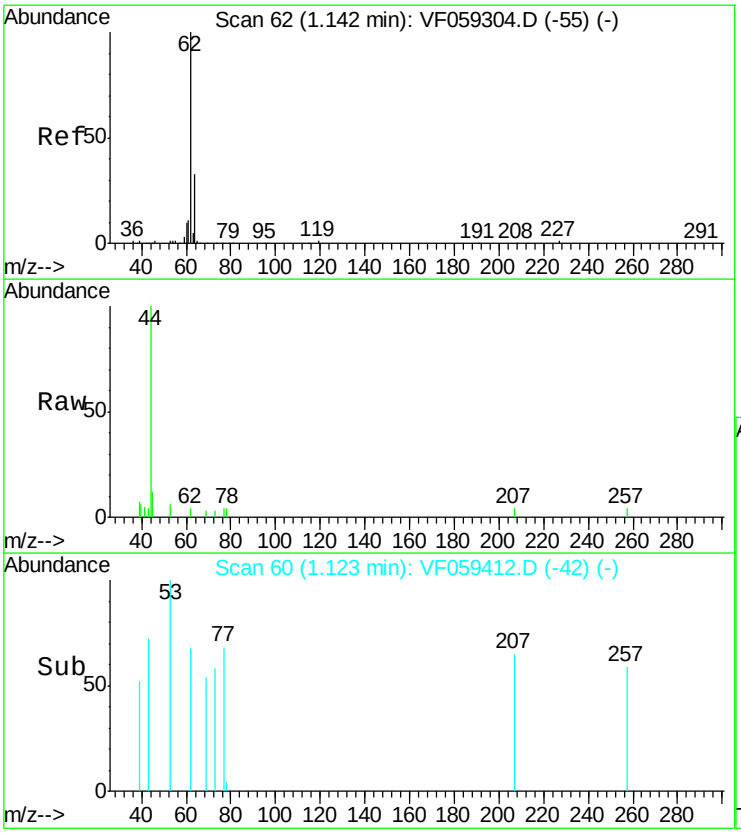
#3
Chloromethane
Concen: 977.525 ug/l
RT: 1.09 min Scan# 57
Delta R.T. 0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 50 Resp: 468

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.7	40.1#

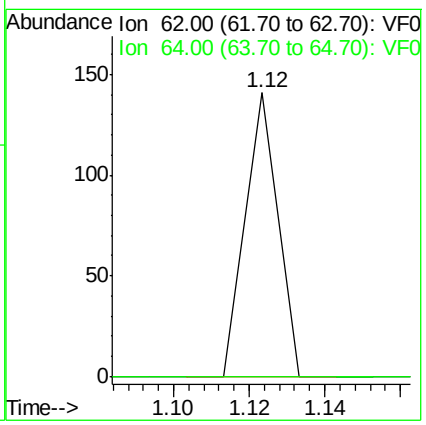


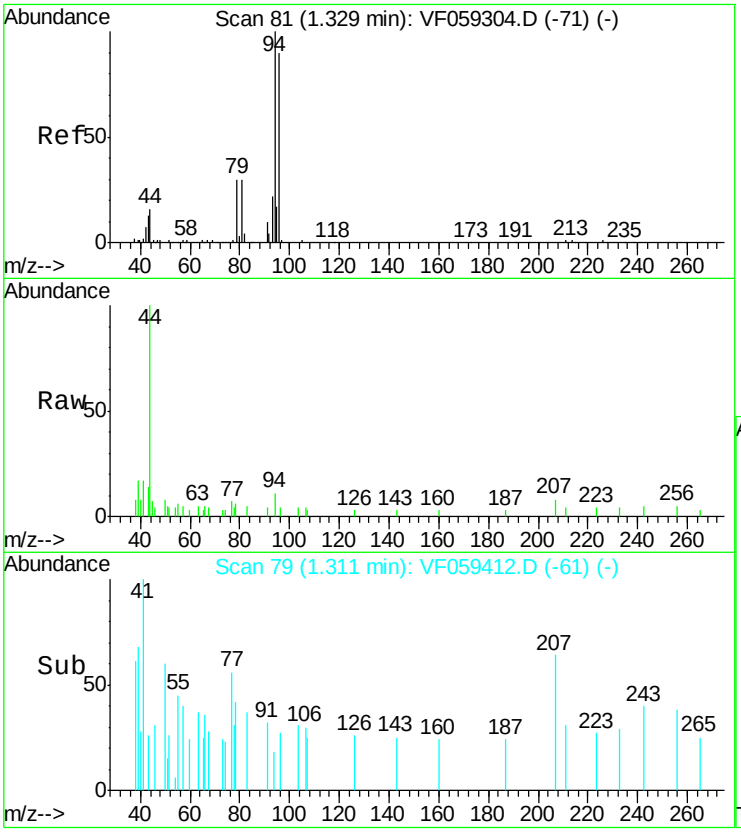


#4
Vinyl Chloride
Concen: 176.125 ug/l
RT: 1.12 min Scan# 60
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 62 Resp: 83

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.3	39.5#



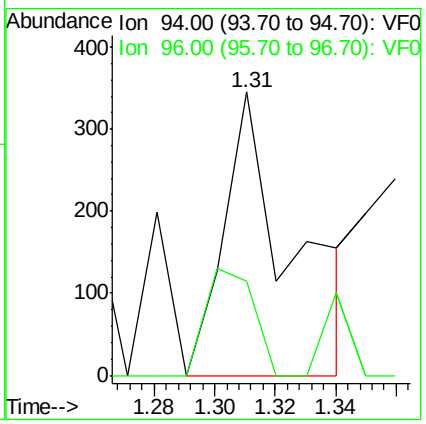


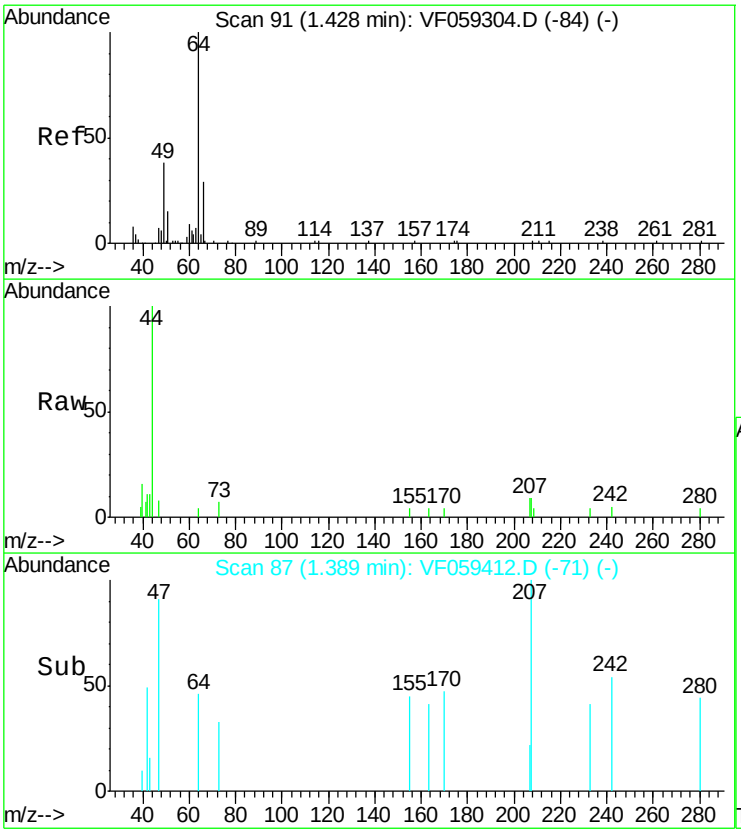
#5
Bromomethane
Concen: 932.909 ug/l
RT: 1.31 min Scan# 79
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 94 Resp: 536

Ion	Ratio	Lower	Upper
94	100		
96	33.3	73.4	110.0#

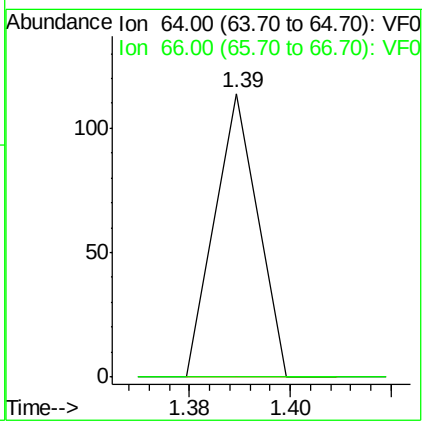


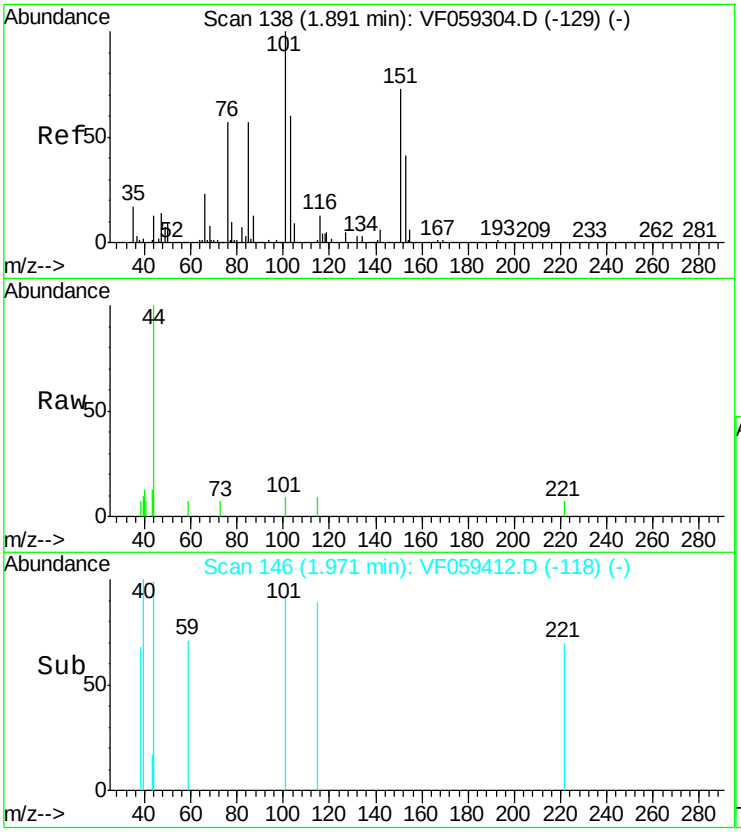


#6
Chloroethane
Concen: 282.276 ug/l
RT: 1.39 min Scan# 87
Delta R.T. -0.04 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 64 Resp: 67

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.9	35.9#



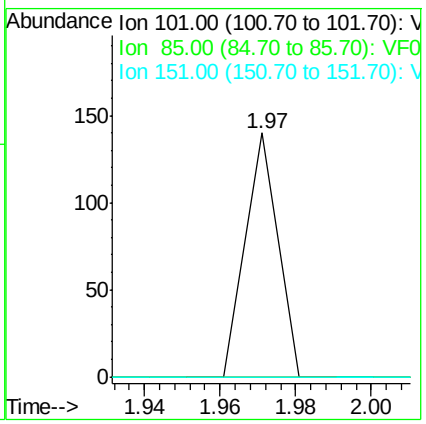


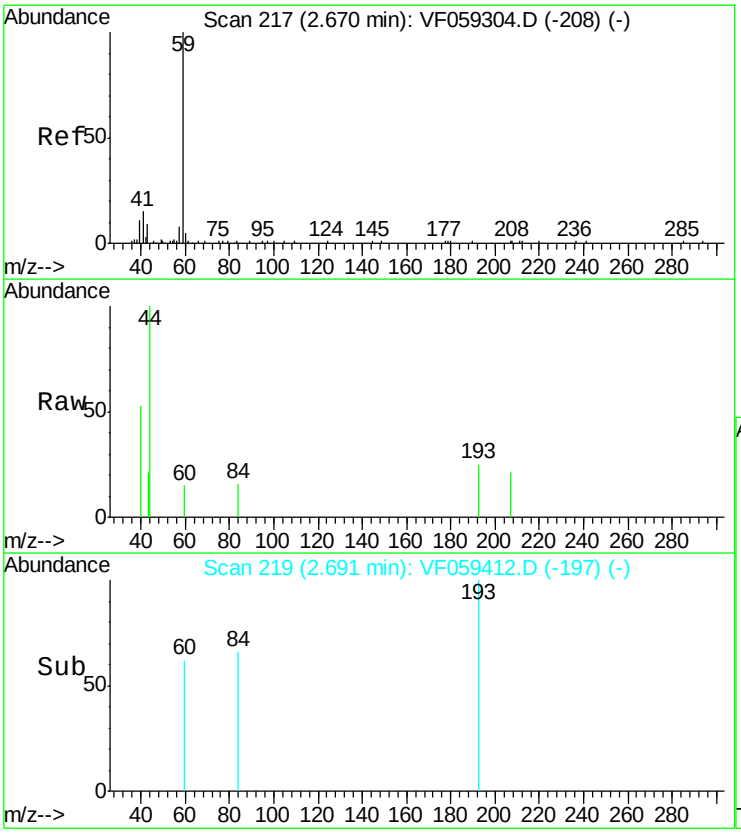
#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.585 ug/l
RT: 1.97 min Scan# 146
Delta R.T. 0.08 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion:101 Resp: 83

Ion	Ratio	Lower	Upper
101	100		
85	0.0	44.5	66.7#
151	0.0	56.8	85.2#

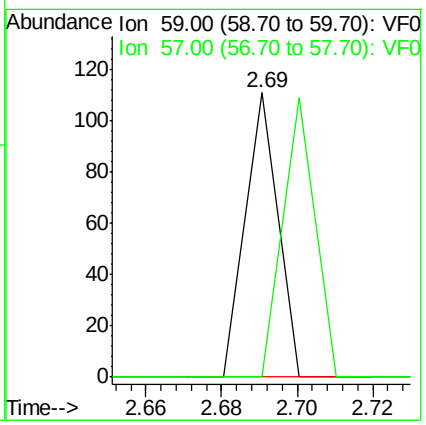


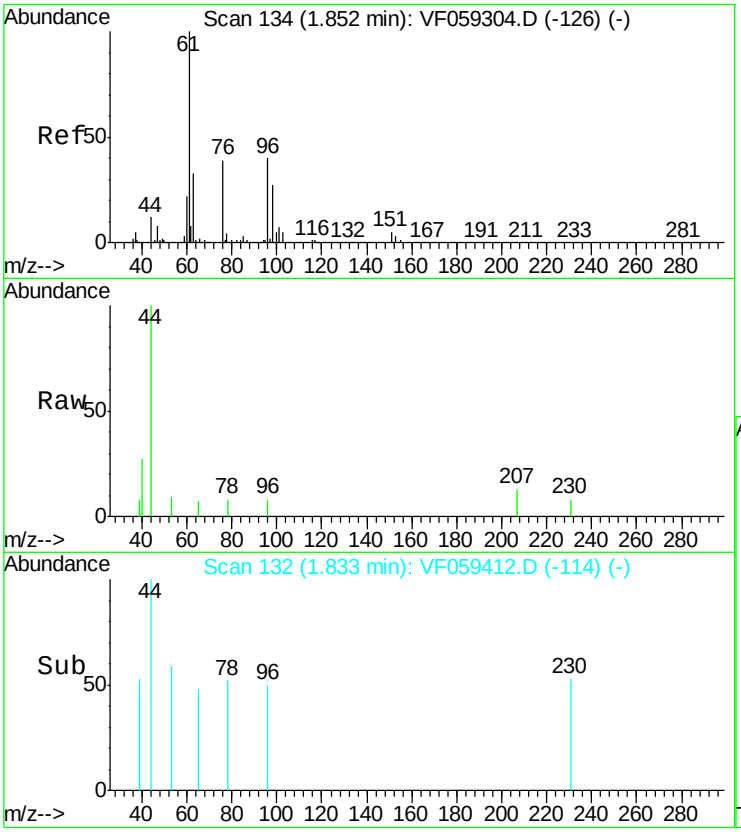


#11
Tert butyl alcohol
Concen: 983.761 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 59 Resp: 66

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.0	16.4#



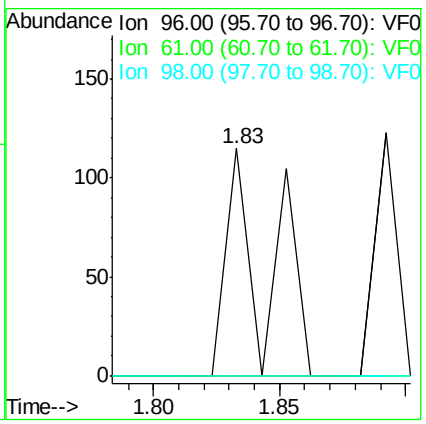


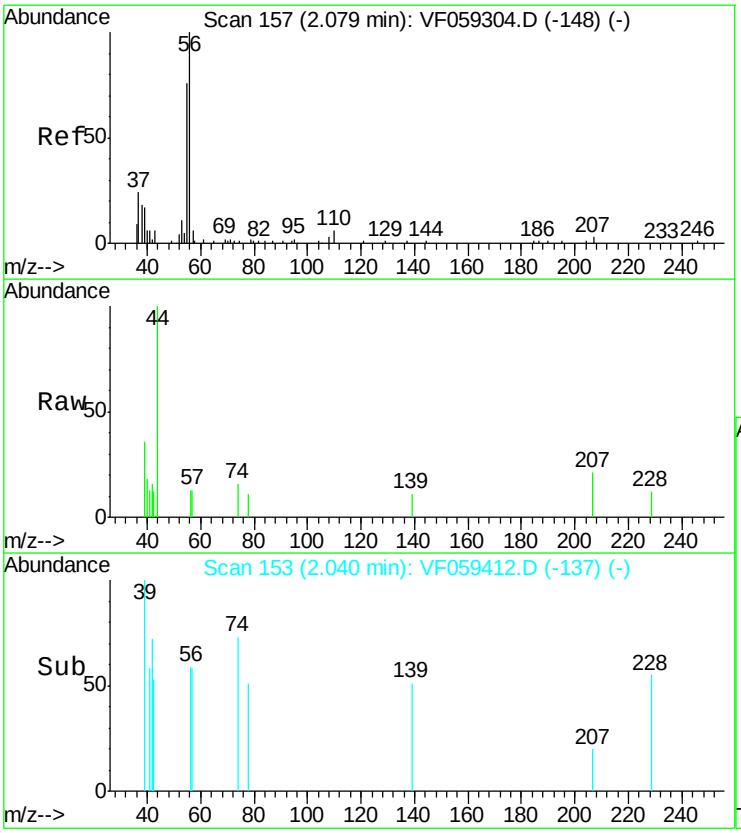
#12
1,1-Dichloroethene
Concen: 282.696 ug/l
RT: 1.83 min Scan# 132
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 96 Resp: 130

Ion	Ratio	Lower	Upper
96	100		
61	0.0	201.1	301.7#
98	0.0	53.9	80.9#

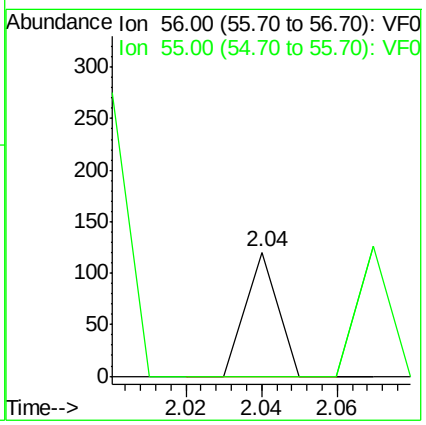


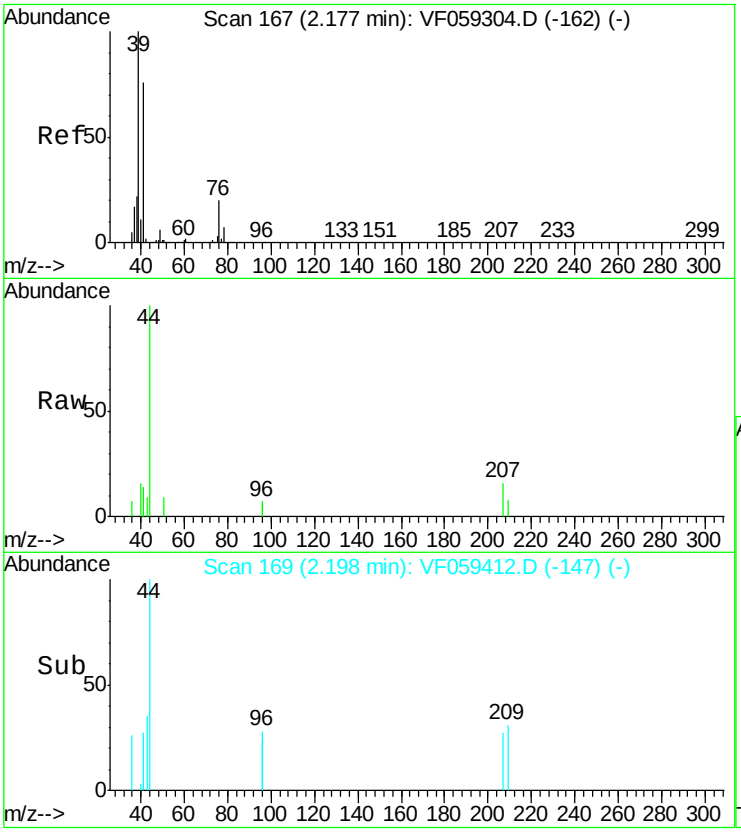


#13
Acrolein
Concen: 2384.523 ug/l
RT: 2.04 min Scan# 153
Delta R.T. -0.04 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 56 Resp: 71

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.4	93.6#



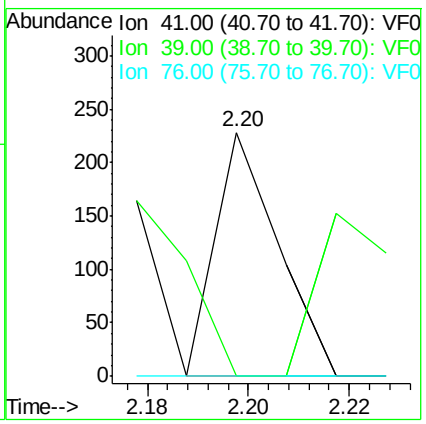


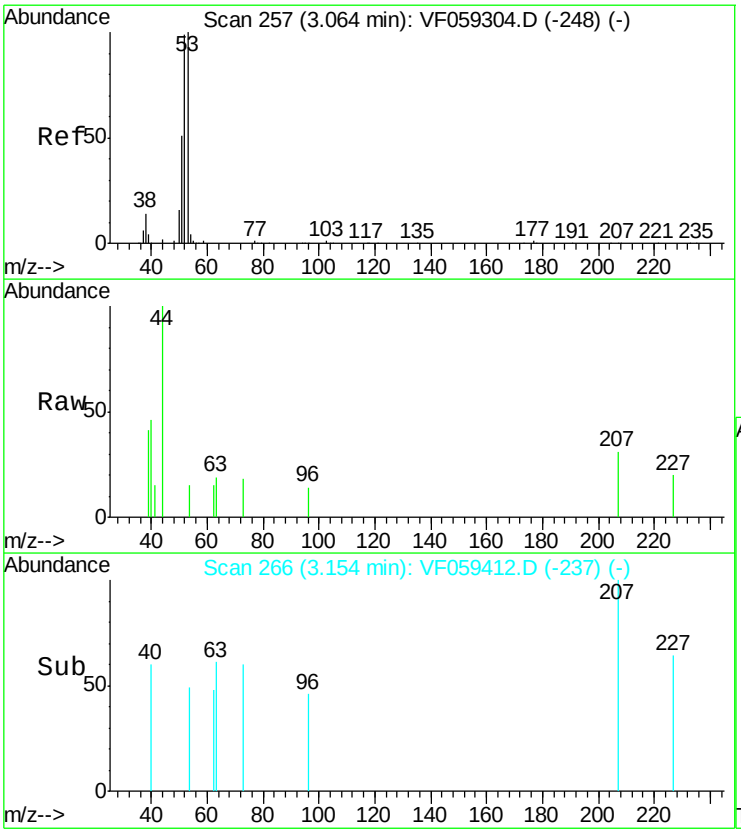
#14
Allyl chloride
Concen: 228.212 ug/l
RT: 2.20 min Scan# 169
Delta R.T. 0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 41 Resp: 197

Ion	Ratio	Lower	Upper
41	100		
39	0.0	105.6	158.4#
76	0.0	21.6	32.4#

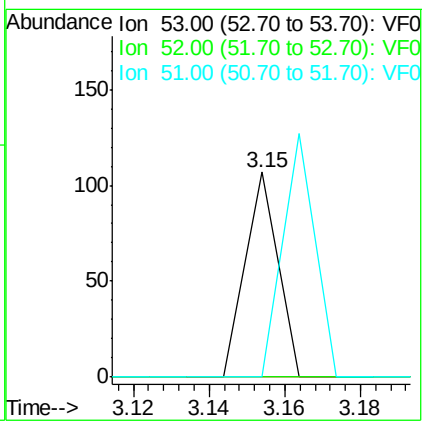


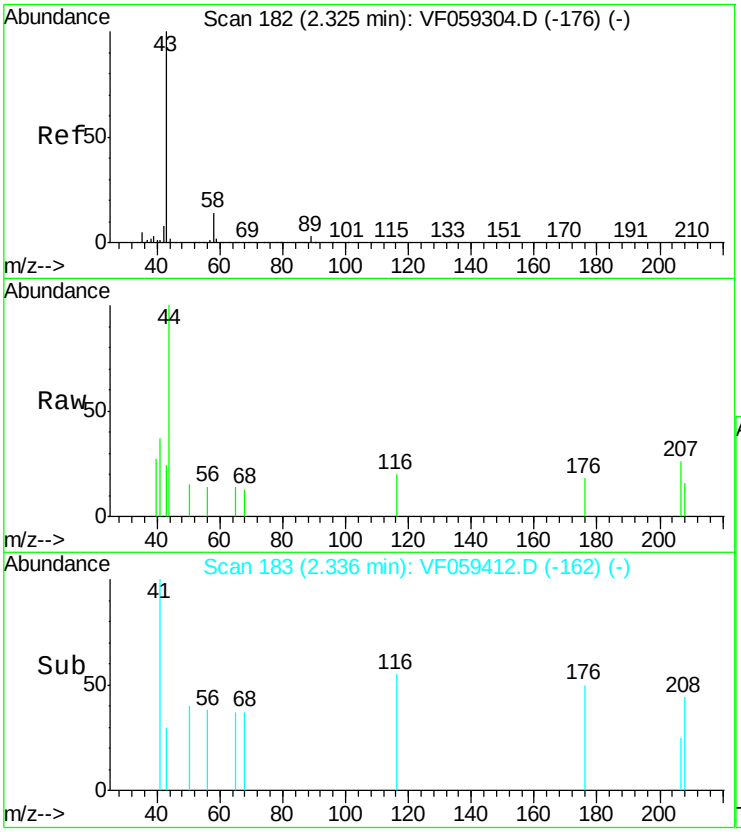


#15
Acrylonitrile
Concen: 533.250 ug/l
RT: 3.15 min Scan# 266
Delta R.T. 0.09 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 53 Resp: 63

Ion	Ratio	Lower	Upper
53	100		
52	0.0	79.2	118.8#
51	0.0	40.9	61.3#



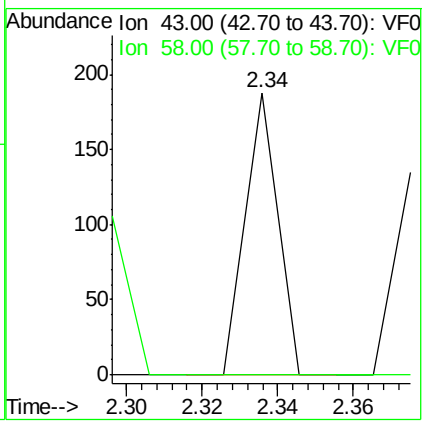


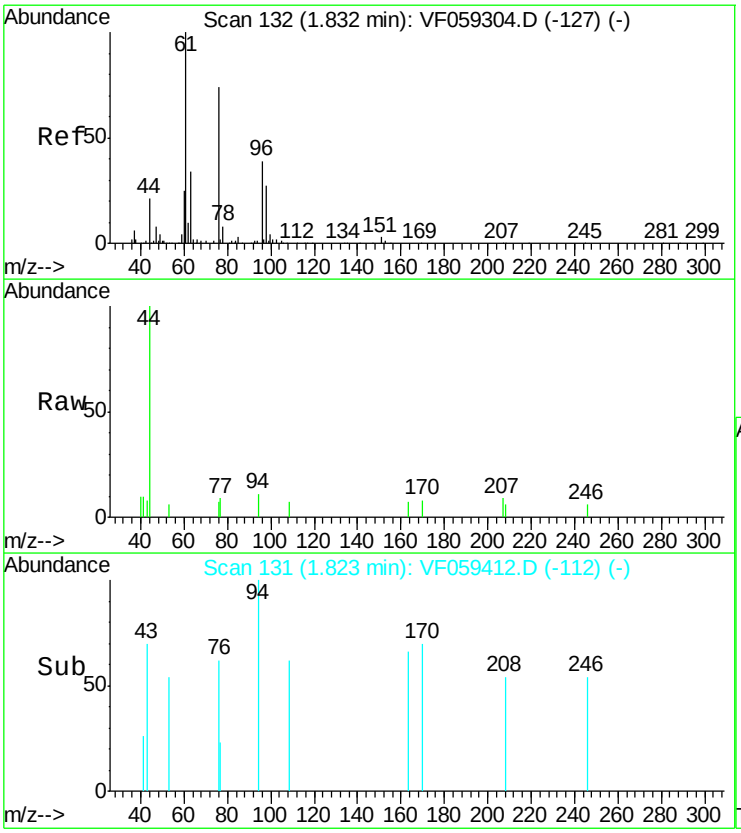
#16
Acetone
Concen: 449.158 ug/l
RT: 2.34 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 43 Resp: 111

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.0#

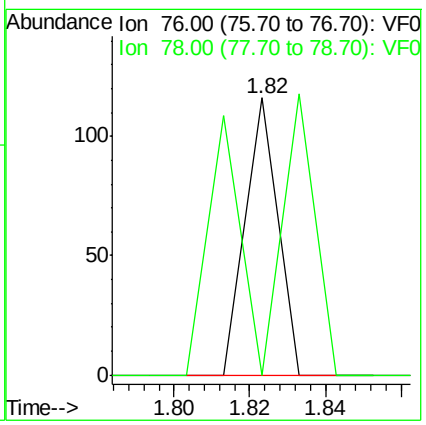


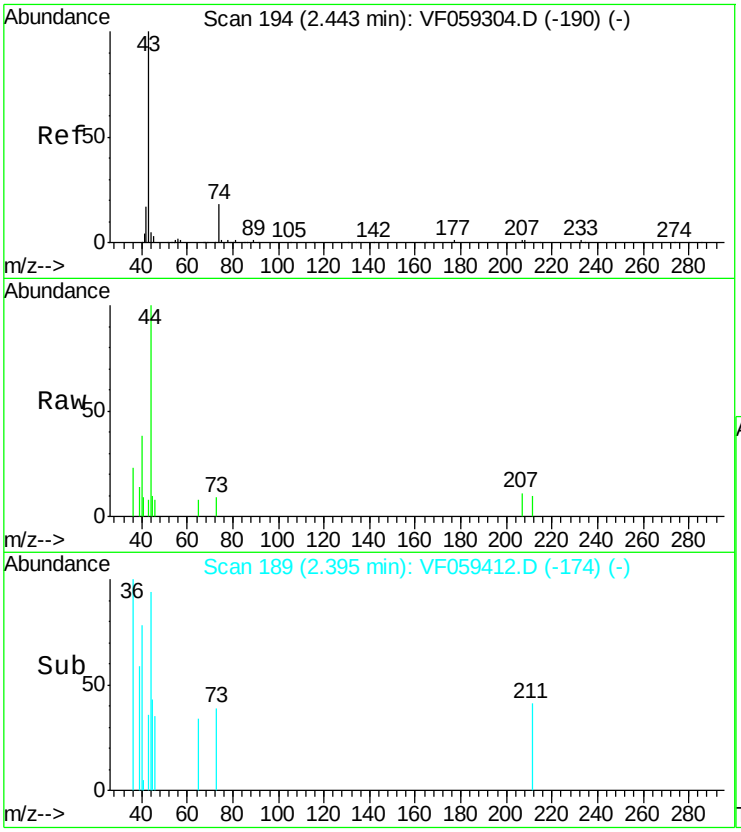


#17
Carbon Disulfide
Concen: 63.787 ug/l
RT: 1.82 min Scan# 131
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 76 Resp: 69

Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.9	13.3#



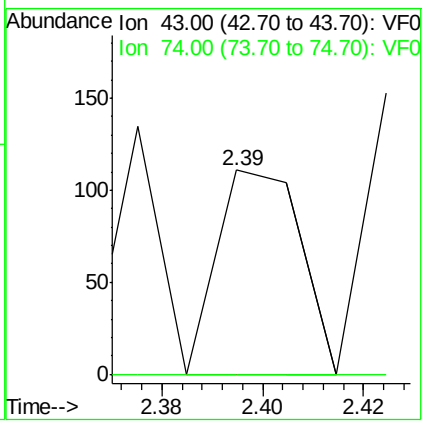


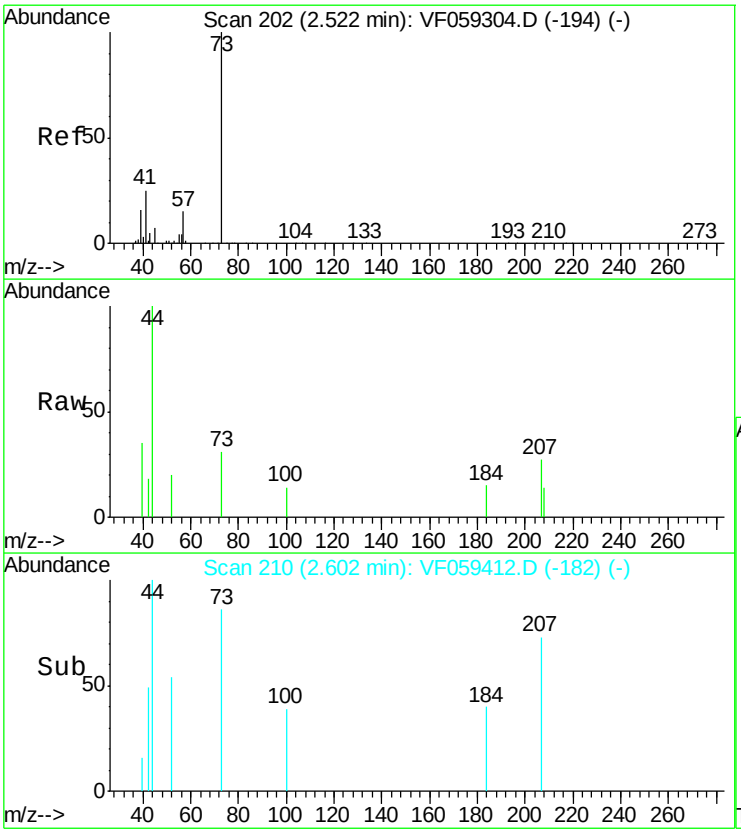
#18
Methyl Acetate
Concen: 284.675 ug/l
RT: 2.39 min Scan# 189
Delta R.T. -0.05 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 43 Resp: 127

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.3	19.9#

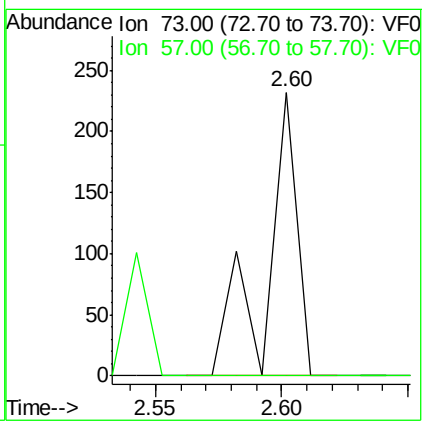


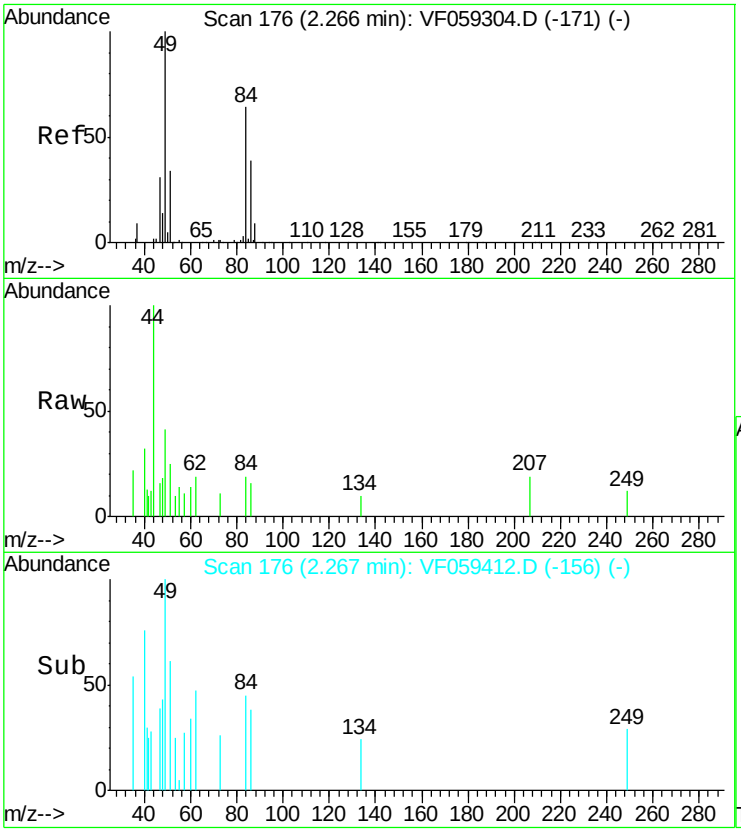


#19
Methyl tert-butyl Ether
Concen: 115.434 ug/l
RT: 2.60 min Scan# 210
Delta R.T. 0.08 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 73 Resp: 198

Ion	Ratio	Lower	Upper
73	100		
57	0.0	12.3	18.5#



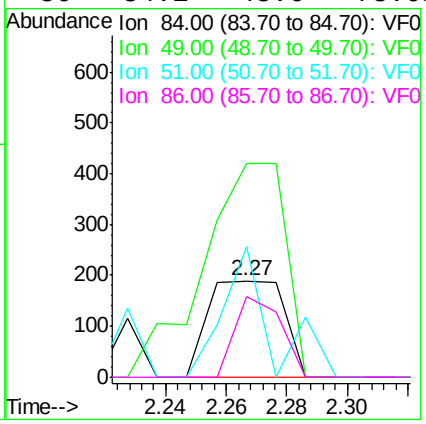


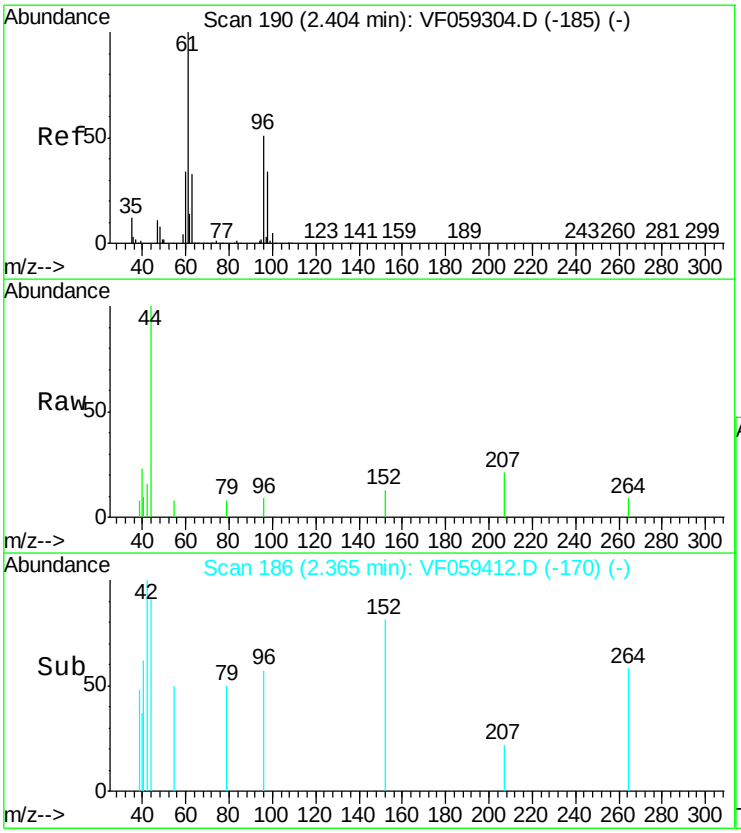
#20
Methylene Chloride
Concen: 680.654 ug/l
RT: 2.27 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 84 Resp: 332

Ion	Ratio	Lower	Upper
84	100		
49	221.7	126.5	189.7#
51	136.0	42.9	64.3#
86	84.1	48.6	73.0#

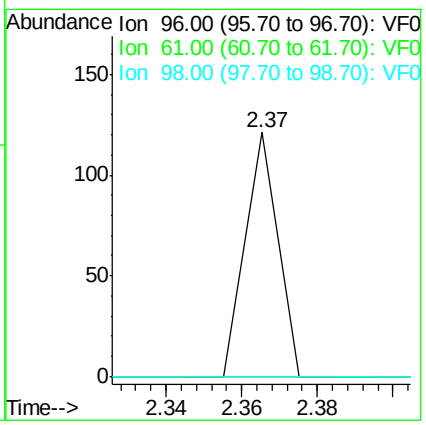


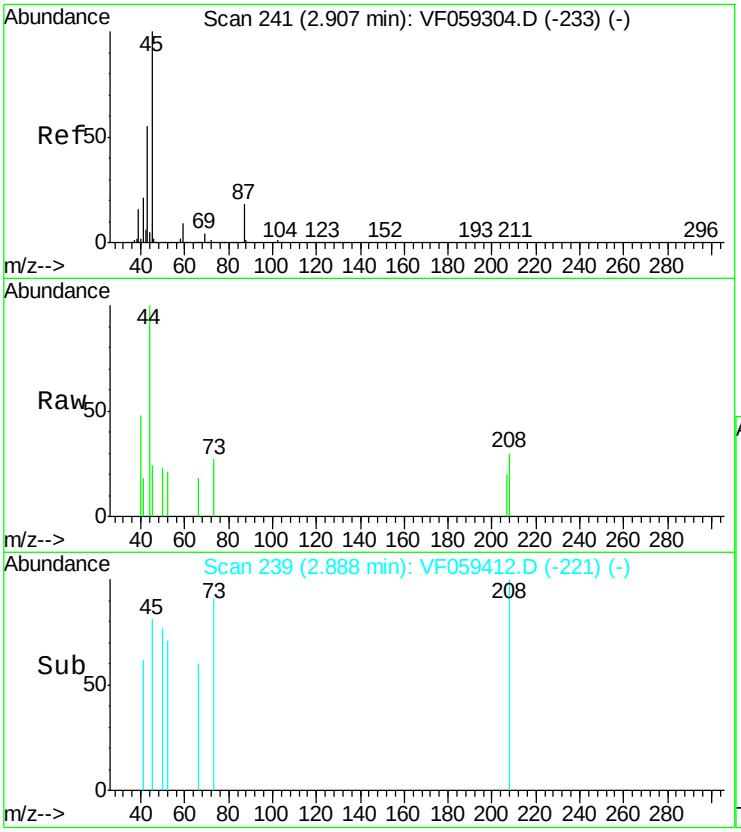


#21
trans-1,2-Dichloroethene
Concen: 146.775 ug/l
RT: 2.37 min Scan# 186
Delta R.T. -0.04 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 96 Resp: 72

Ion	Ratio	Lower	Upper
96	100		
61	0.0	157.4	236.2#
98	0.0	53.7	80.5#



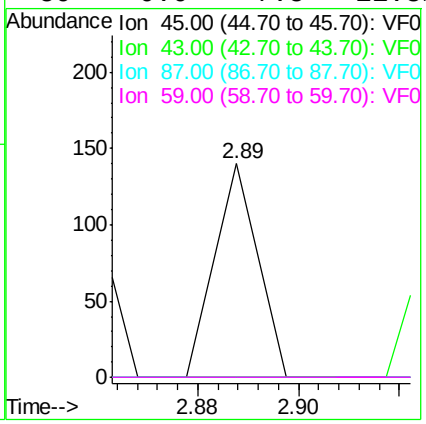


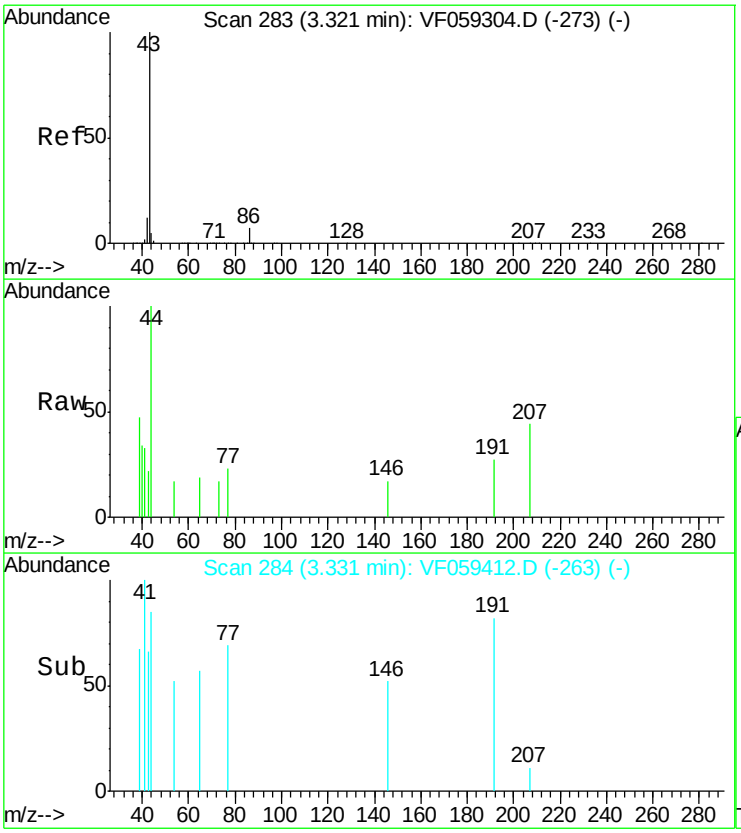
#22
Diisopropyl ether
Concen: 43.420 ug/l
RT: 2.89 min Scan# 239
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 45 Resp: 83

Ion	Ratio	Lower	Upper
45	100		
43	0.0	44.6	66.8#
87	0.0	14.3	21.5#
59	0.0	7.5	11.3#

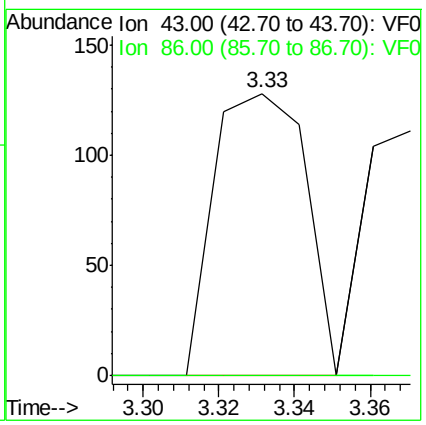


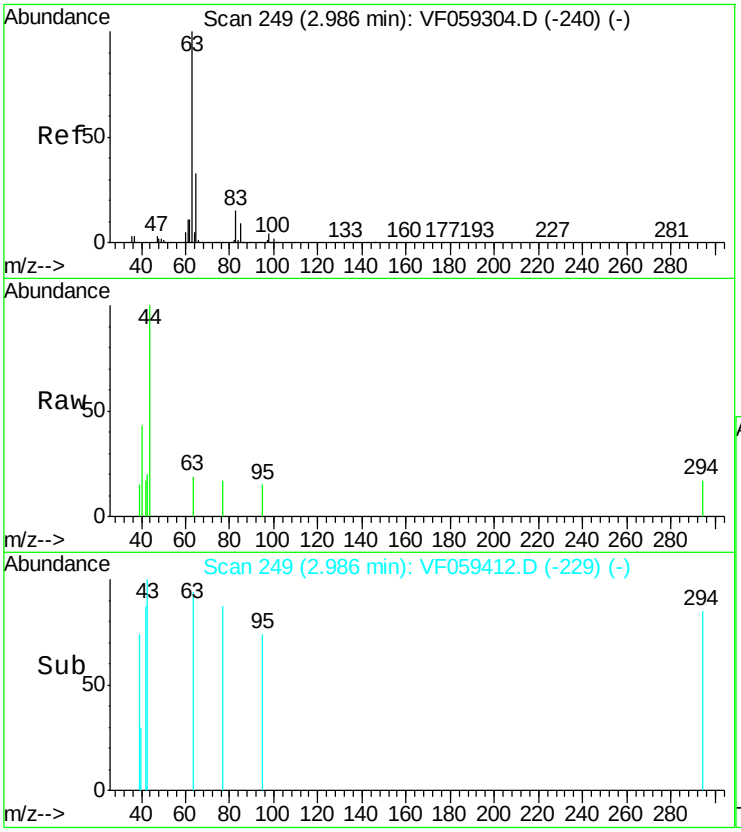


#23
Vinyl Acetate
Concen: 175.785 ug/l
RT: 3.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 43 Resp: 214

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.8	8.6#



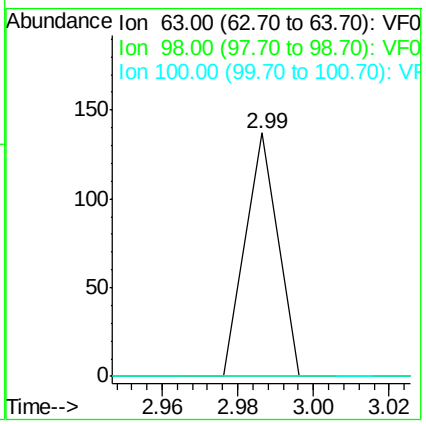


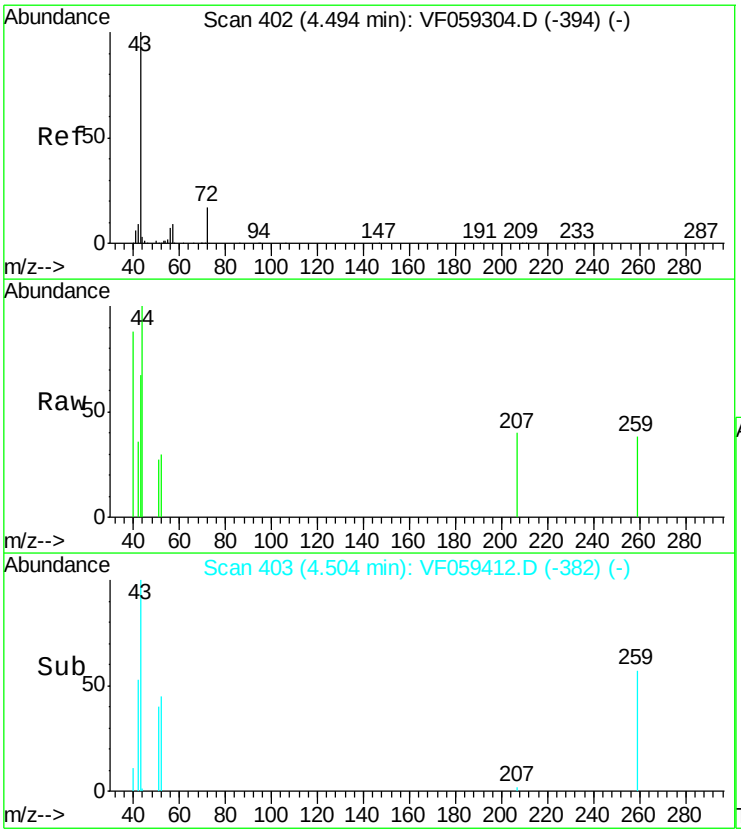
#24
1,1-Dichloroethane
Concen: 68.344 ug/l
RT: 2.99 min Scan# 249
Delta R.T. 0.00 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 63 Resp: 81

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.0	6.0#
100	0.0	1.3	3.9#

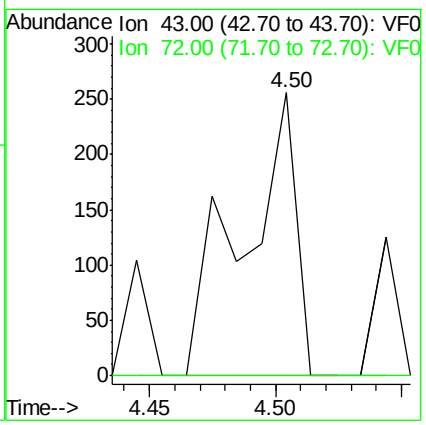


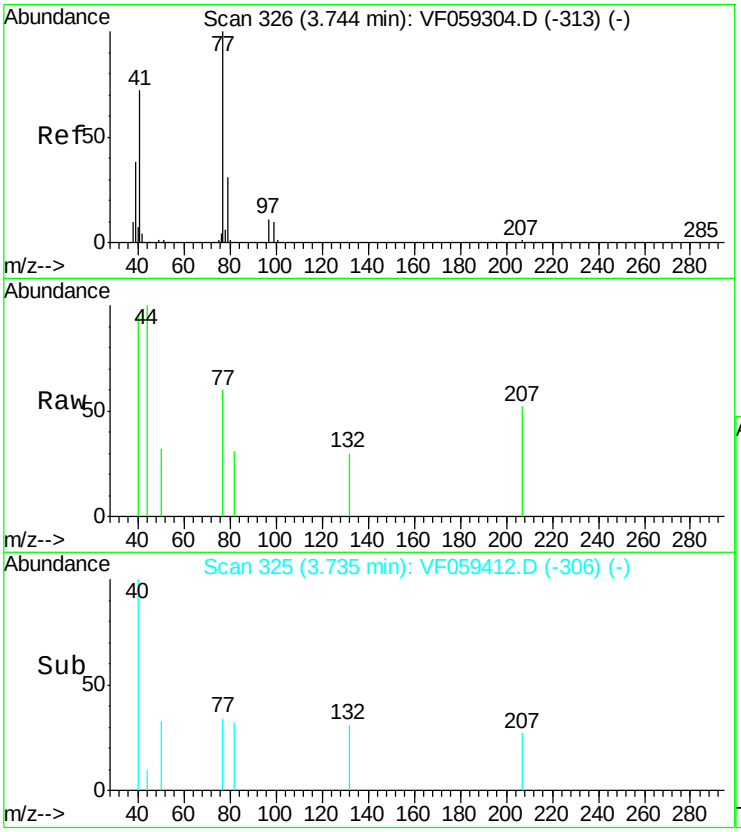


#25
2-Butanone
Concen: 1254.252 ug/l
RT: 4.50 min Scan# 403
Delta R.T. 0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 43 Resp: 379

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#



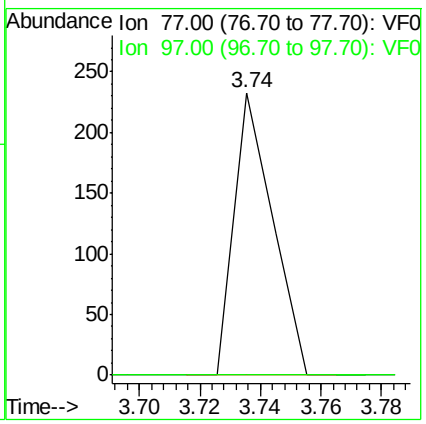


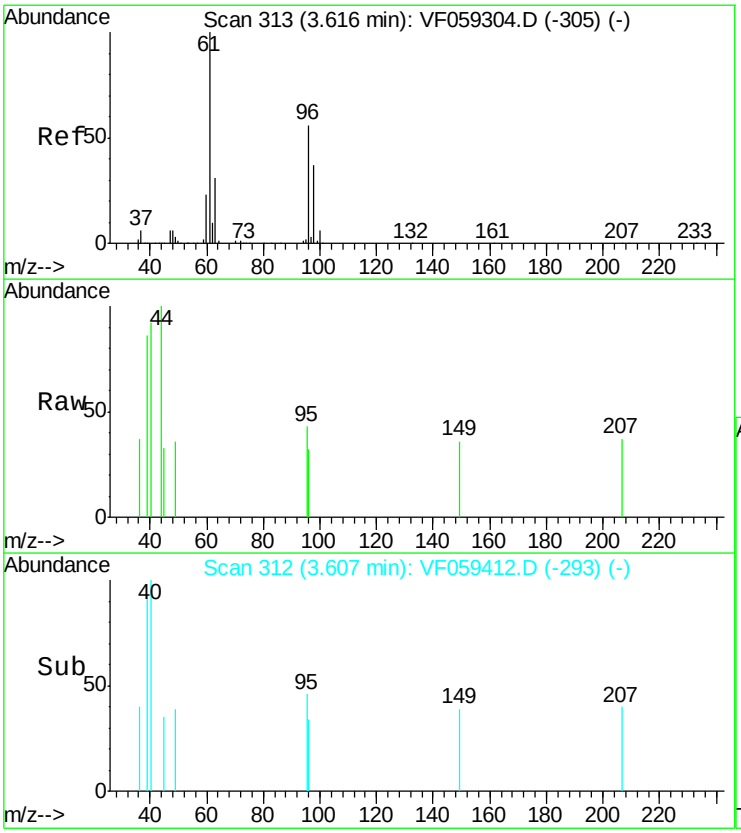
#26
2,2-Dichloropropane
Concen: 252.003 ug/l
RT: 3.74 min Scan# 325
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 77 Resp: 206

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.0	23.8#

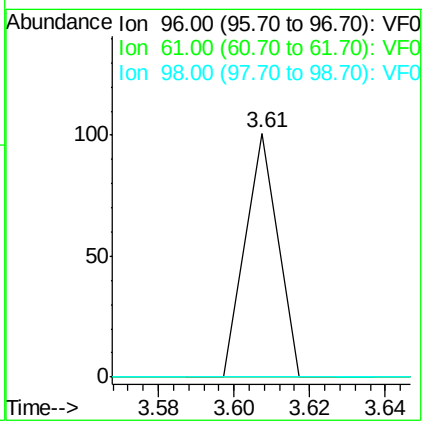


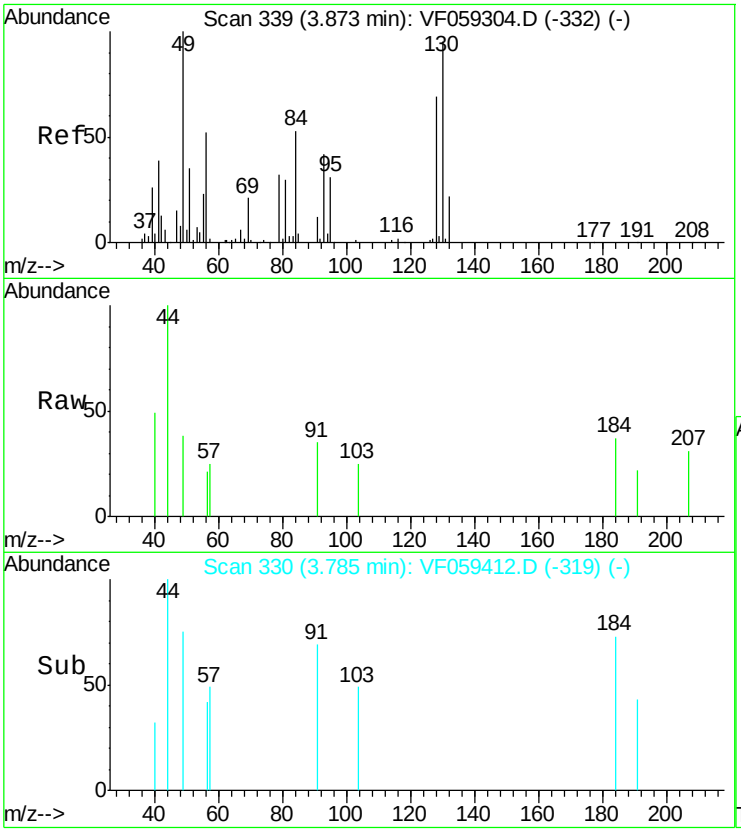


#27
cis-1,2-Dichloroethene
Concen: 80.560 ug/l
RT: 3.61 min Scan# 312
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 96 Resp: 60

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	355.4
98	0.0	0.0	131.0



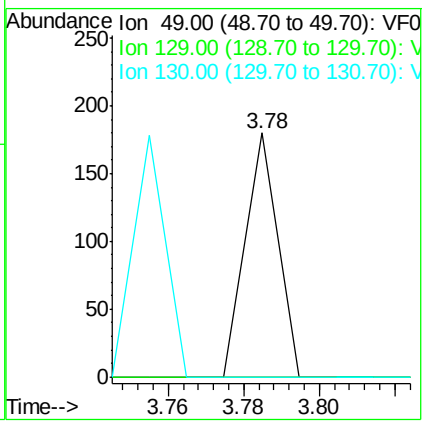


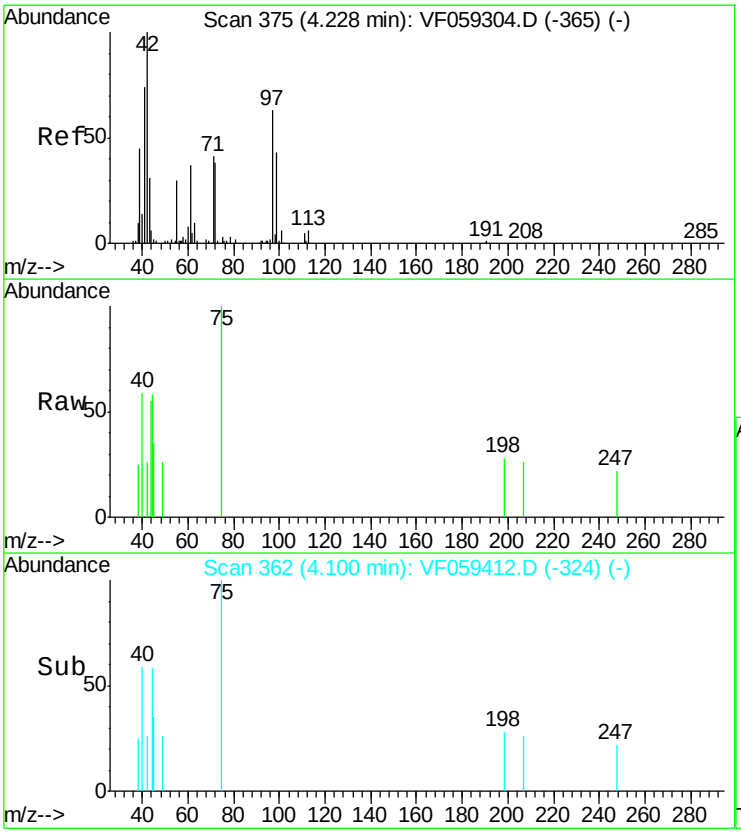
#28
Bromochloromethane
Concen: 249.858 ug/l
RT: 3.78 min Scan# 330
Delta R.T. -0.09 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 49 Resp: 106

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.4
130	0.0	75.1	112.7#

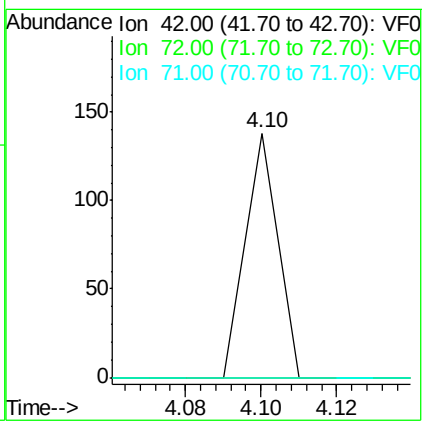


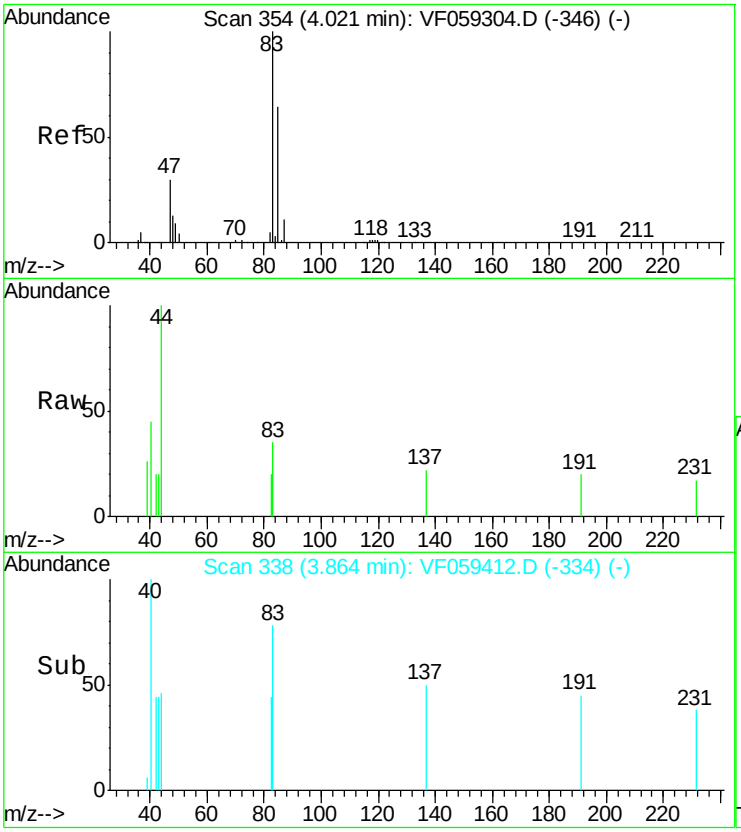


#29
Tetrahydrofuran
Concen: 646.691 ug/l
RT: 4.10 min Scan# 362
Delta R.T. -0.13 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 42 Resp: 82

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	0.0	32.5	48.7#



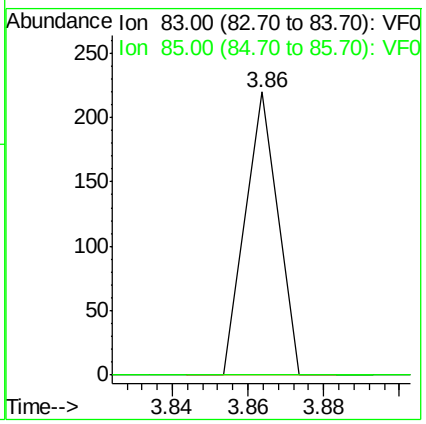


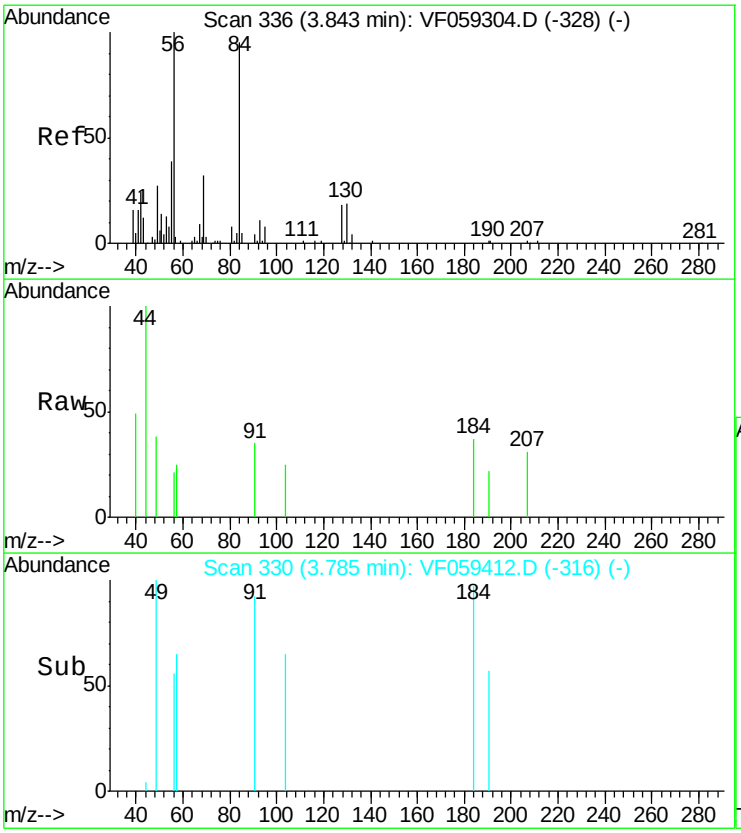
#30
Chloroform
Concen: 75.768 ug/l
RT: 3.86 min Scan# 338
Delta R.T. -0.16 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 83 Resp: 130

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.3	76.9#

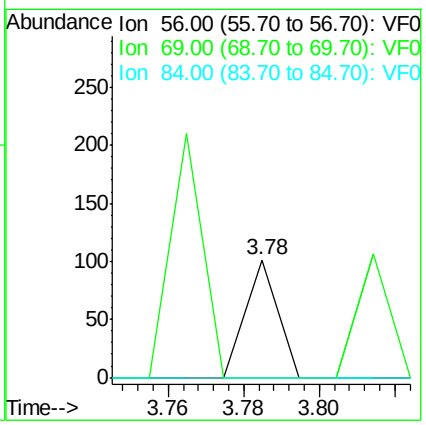


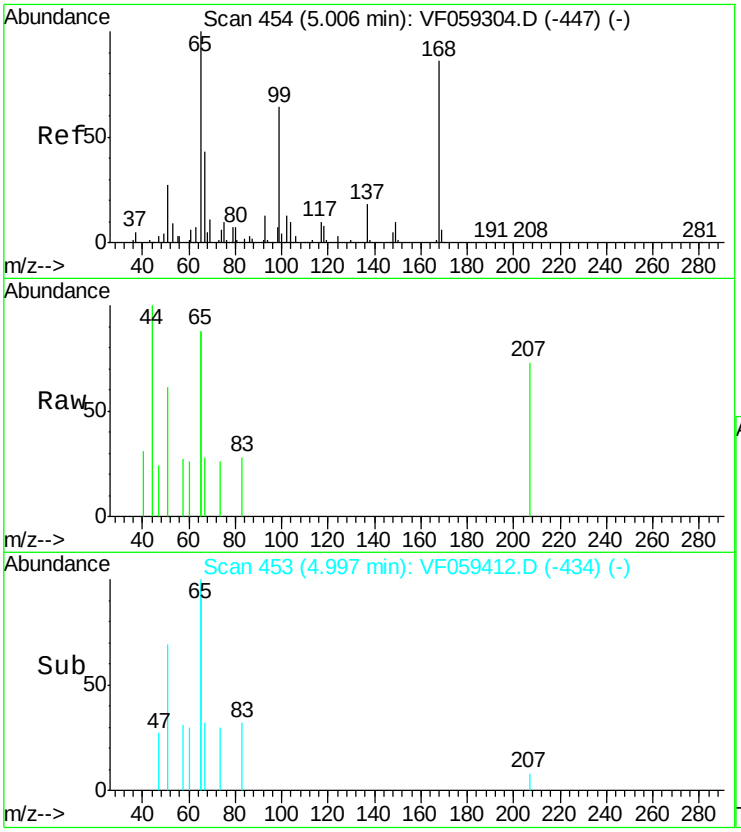


#31
Cyclohexane
Concen: 77.279 ug/l
RT: 3.78 min Scan# 330
Delta R.T. -0.06 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 56 Resp: 60

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.8	38.8#
84	0.0	75.6	113.4#



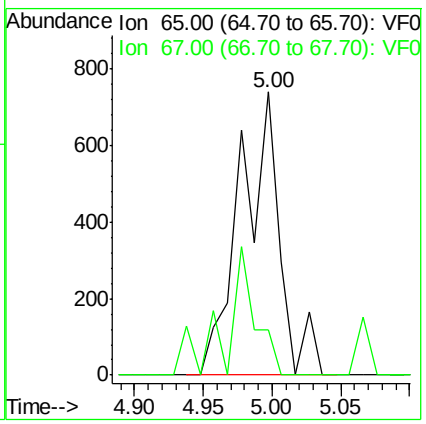


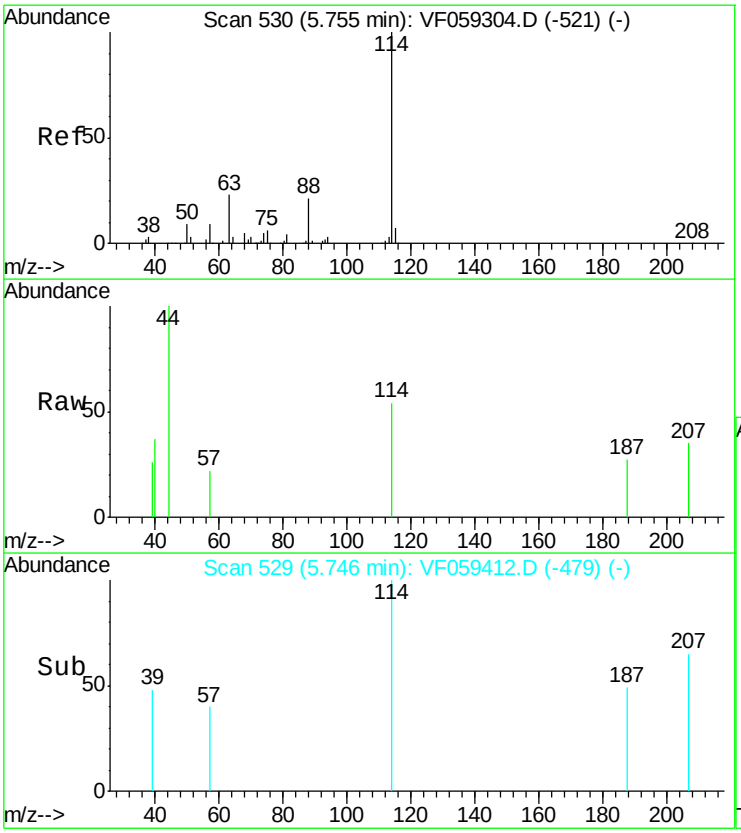
#33
1,2-Dichloroethane-d4
Concen: 1467.626 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 65 Resp: 1479

Ion	Ratio	Lower	Upper
65	100		
67	16.0	0.0	96.8

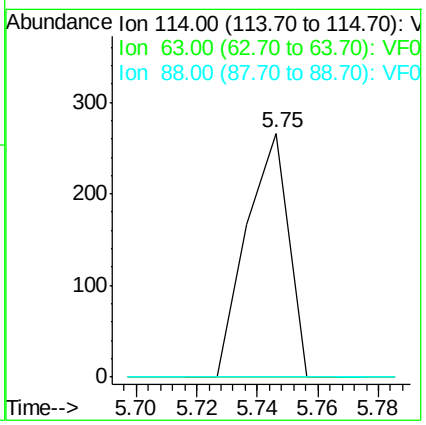


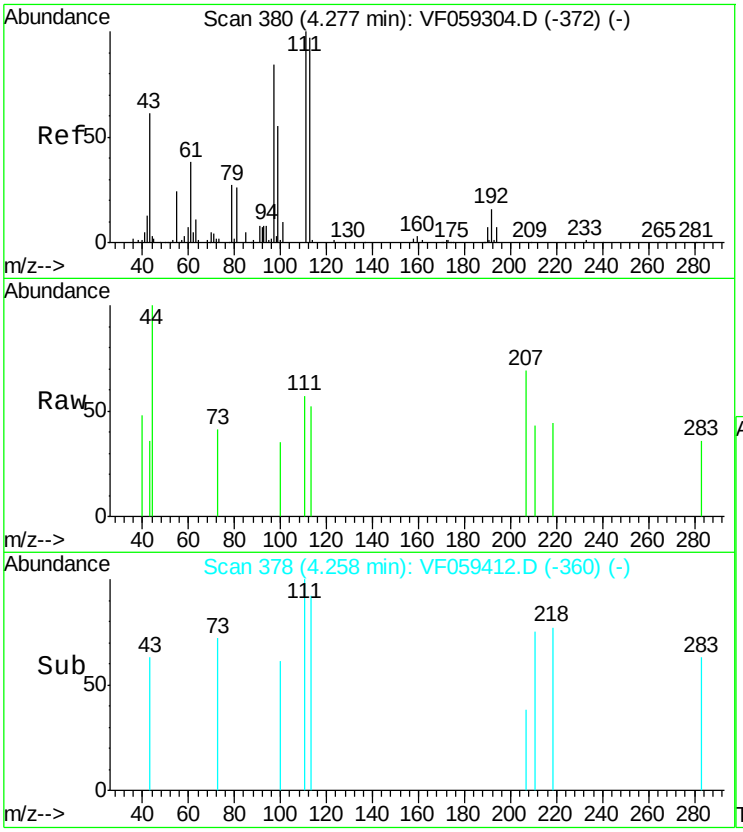


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 529
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:114 Resp: 256

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	45.8
88	0.0	0.0	41.2



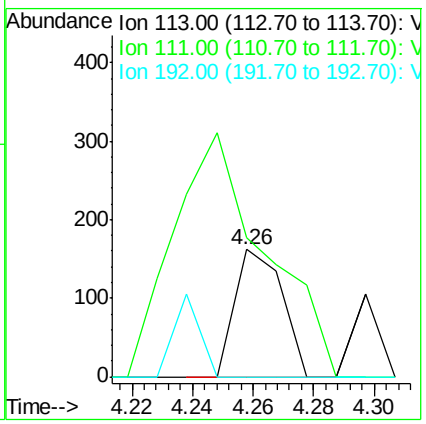


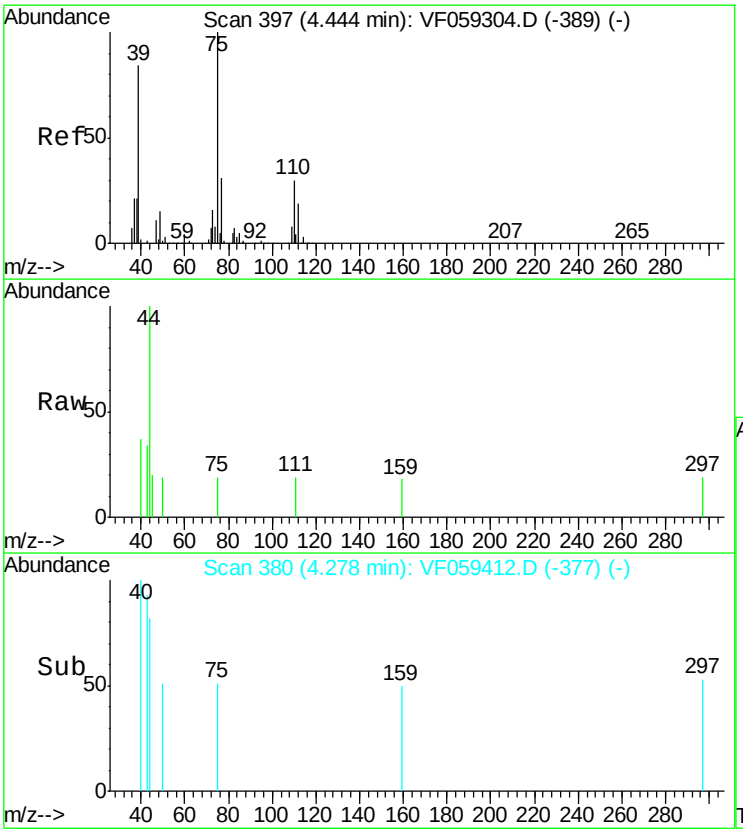
#35
Dibromofluoromethane
Concen: 93.557 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion:113 Resp: 175

Ion	Ratio	Lower	Upper
113	100		
111	109.3	82.1	123.1
192	0.0	13.0	19.6#

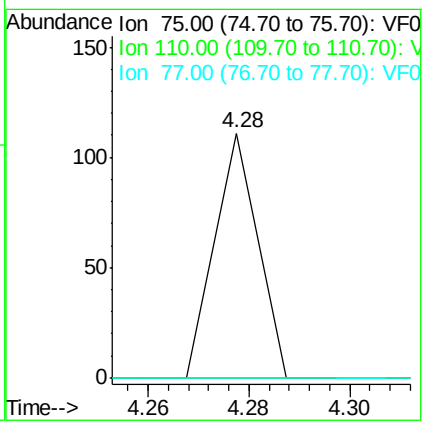


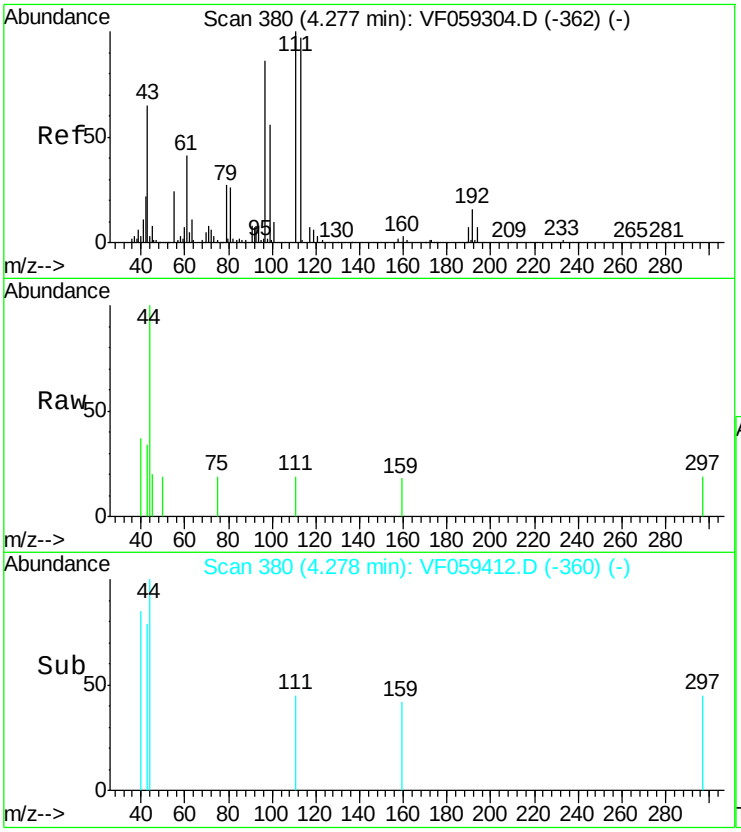


#36
1,1-Dichloropropene
Concen: 29.512 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.17 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 75 Resp: 66

Ion	Ratio	Lower	Upper
75	100		
110	0.0	14.8	44.4#
77	0.0	25.2	37.8#



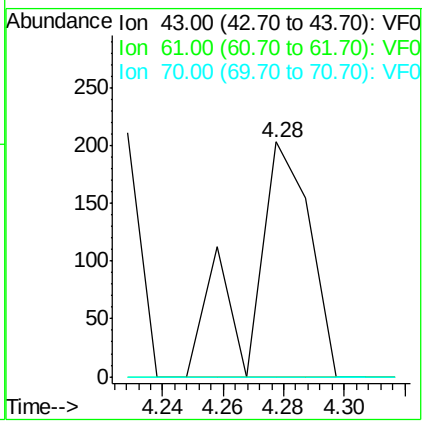


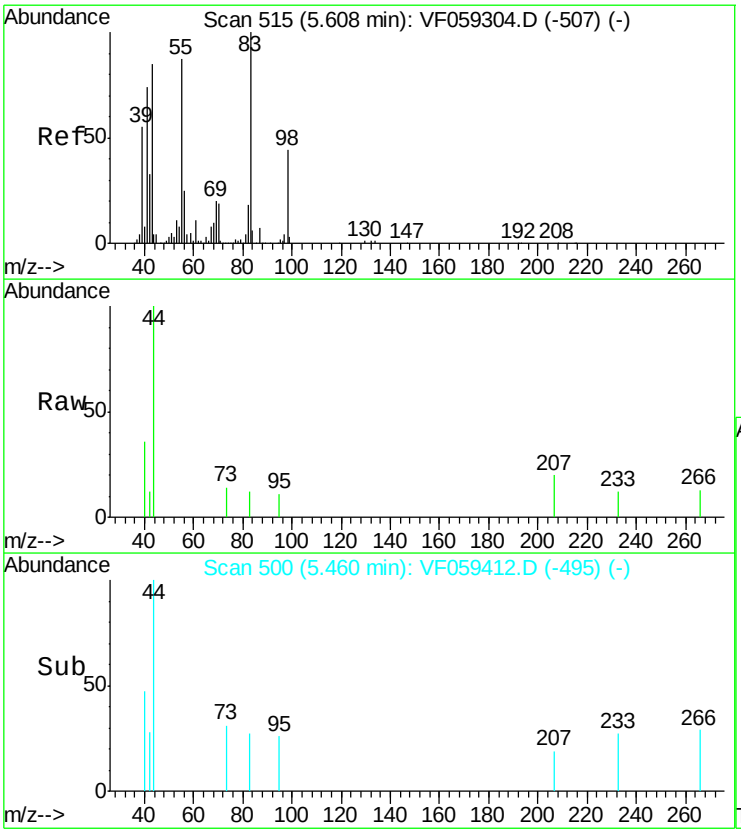
#37
Ethyl Acetate
Concen: 198.009 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.00 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 43 Resp: 277

Ion	Ratio	Lower	Upper
43	100		
61	0.0	50.1	75.1#
70	0.0	6.2	9.4#

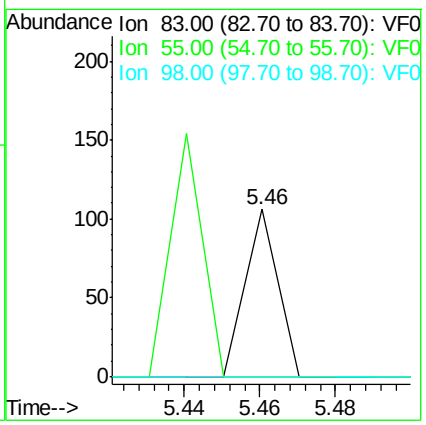


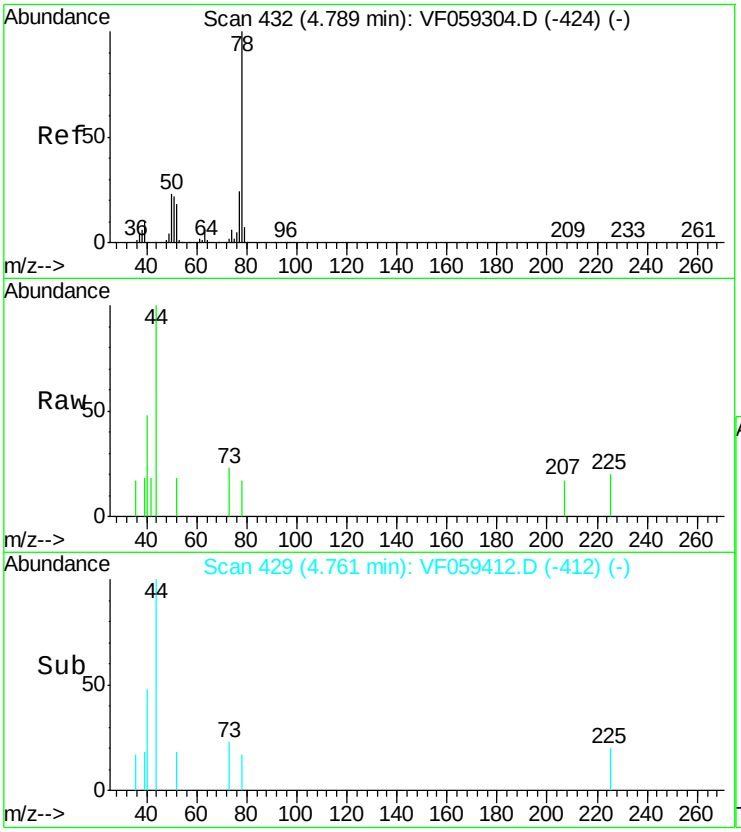


#39
Methylcyclohexane
Concen: 31.790 ug/l
RT: 5.46 min Scan# 500
Delta R.T. -0.15 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 83 Resp: 63

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.2	103.8#
98	0.0	35.0	52.6#



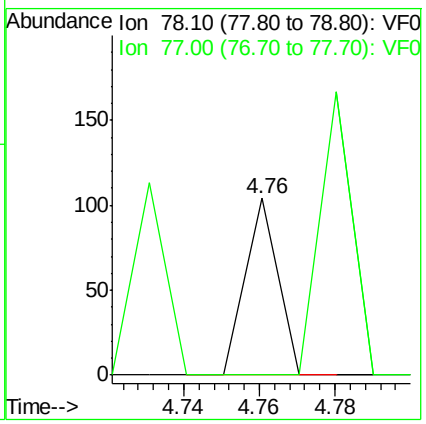


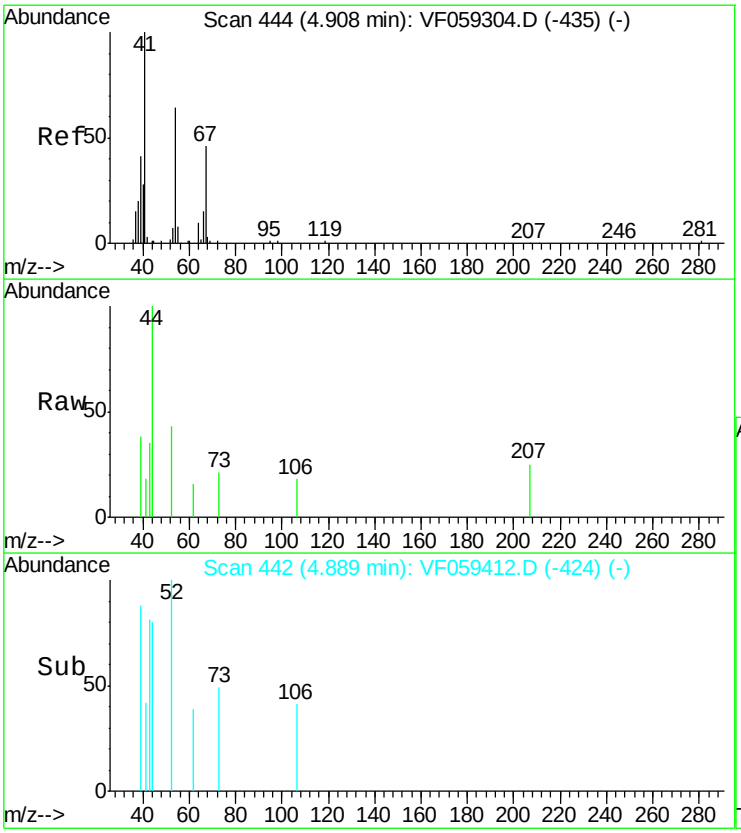
#40
Benzene
Concen: 12.504 ug/l
RT: 4.76 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 78 Resp: 62

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.6	29.4#

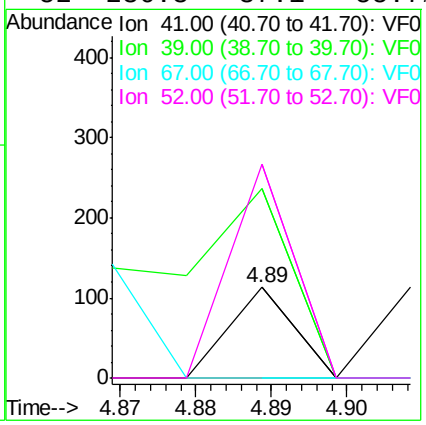


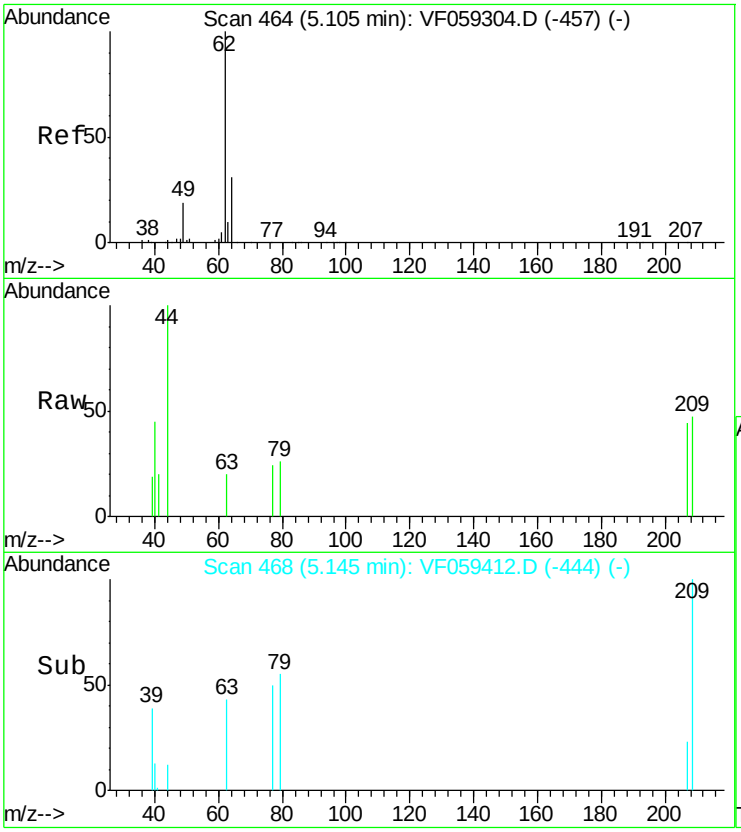


#41
Methacrylonitrile
Concen: 87.828 ug/l
RT: 4.89 min Scan# 442
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 41 Resp: 67

Ion	Ratio	Lower	Upper
41	100		
39	208.8	50.0	75.0#
67	0.0	37.0	55.6#
52	236.3	37.1	55.7#



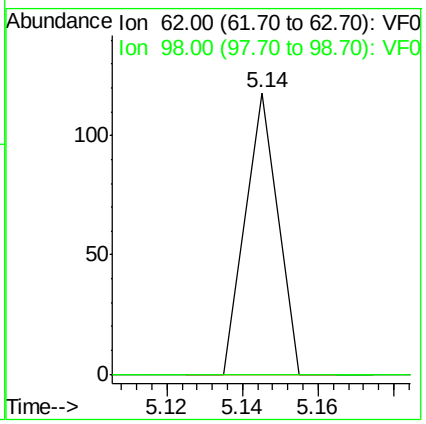


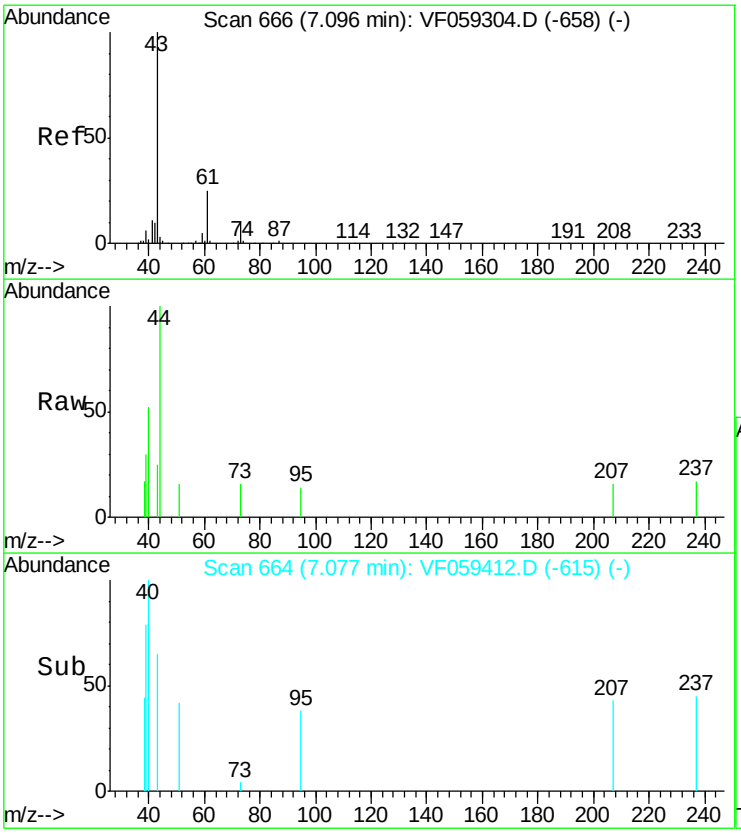
#42
1,2-Dichloroethane
Concen: 24.159 ug/l
RT: 5.14 min Scan# 468
Delta R.T. 0.04 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 62 Resp: 70

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	11.4

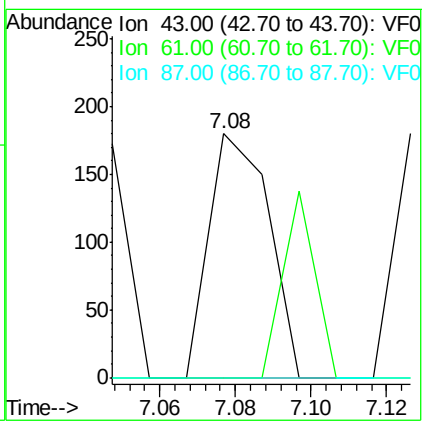


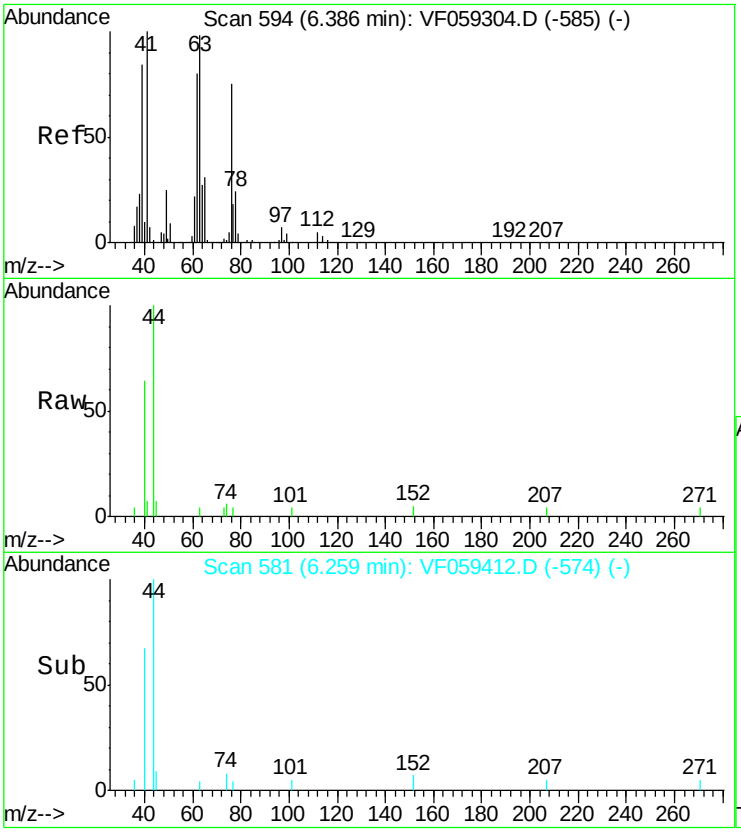


#43
Isopropyl Acetate
Concen: 104.682 ug/l
RT: 7.08 min Scan# 664
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 43 Resp: 195

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.7	29.5#
87	0.0	0.5	0.7#



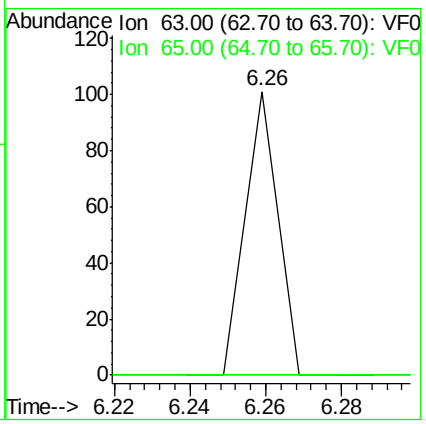


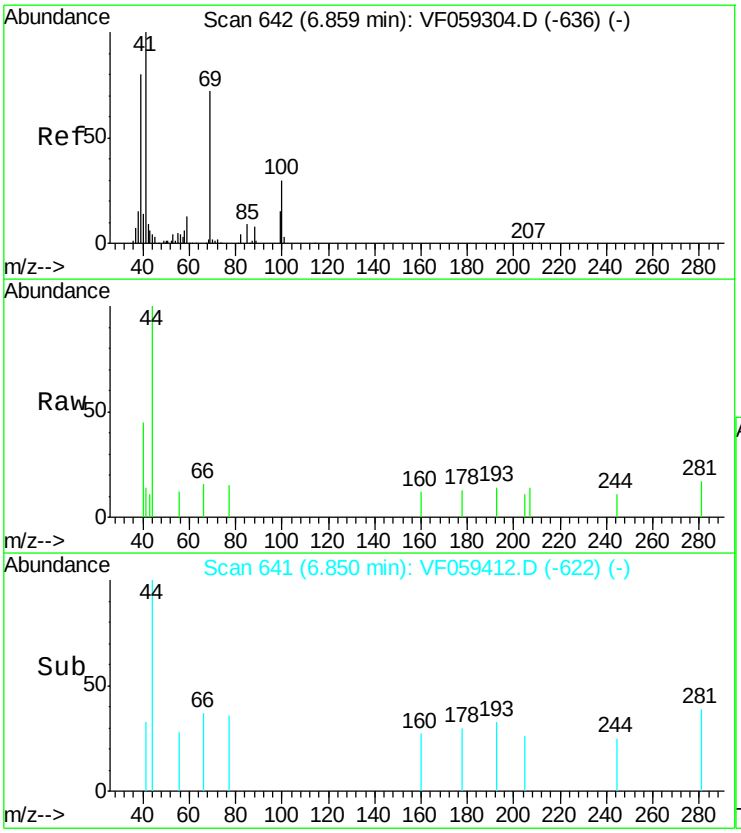
#45
1,2-Dichloropropane
Concen: 42.352 ug/l
RT: 6.26 min Scan# 581
Delta R.T. -0.13 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 63 Resp: 60

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.3	37.9#

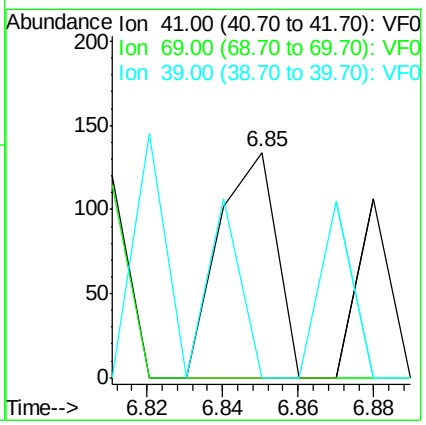


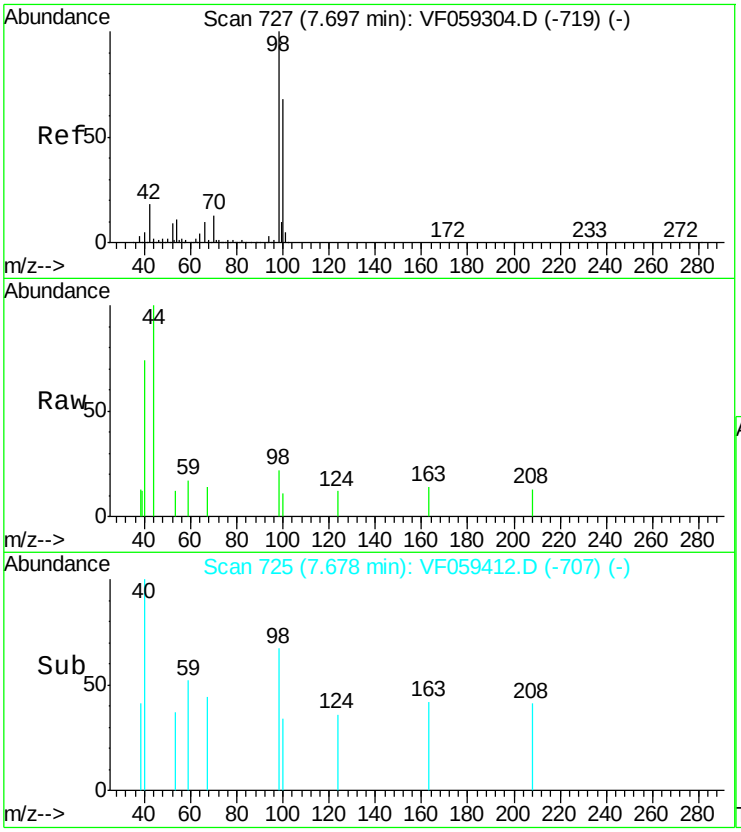


#48
Methyl methacrylate
Concen: 112.137 ug/l
RT: 6.85 min Scan# 641
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 41 Resp: 140

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.3	85.9#
39	0.0	64.4	96.6#



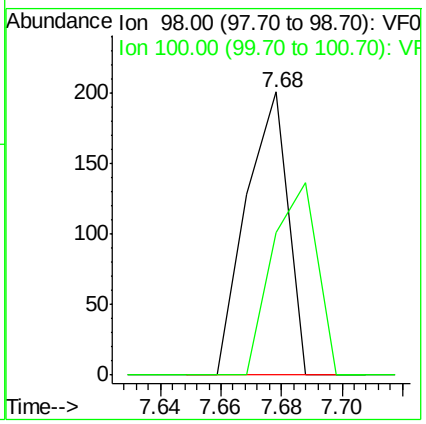


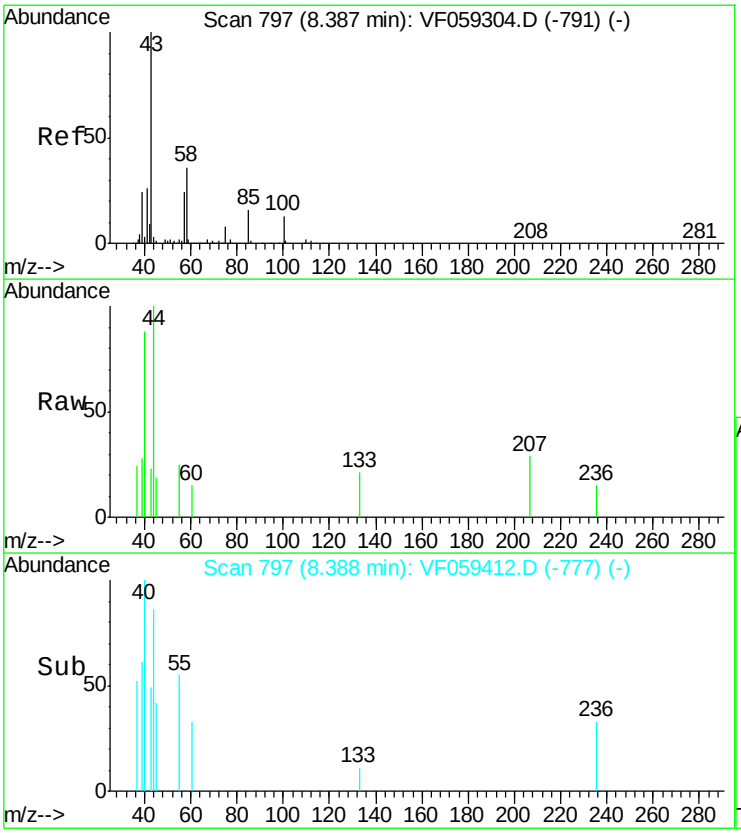
#50
Toluene-d8
Concen: 42.106 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 98 Resp: 195

Ion	Ratio	Lower	Upper
98	100		
100	50.2	54.6	82.0#

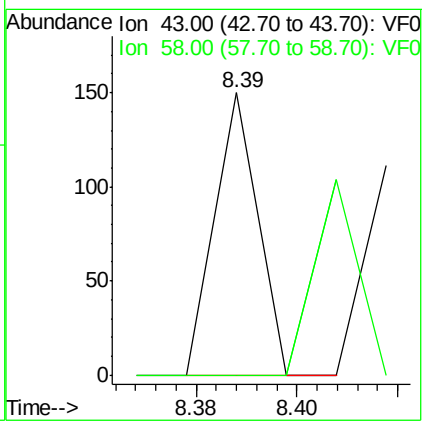


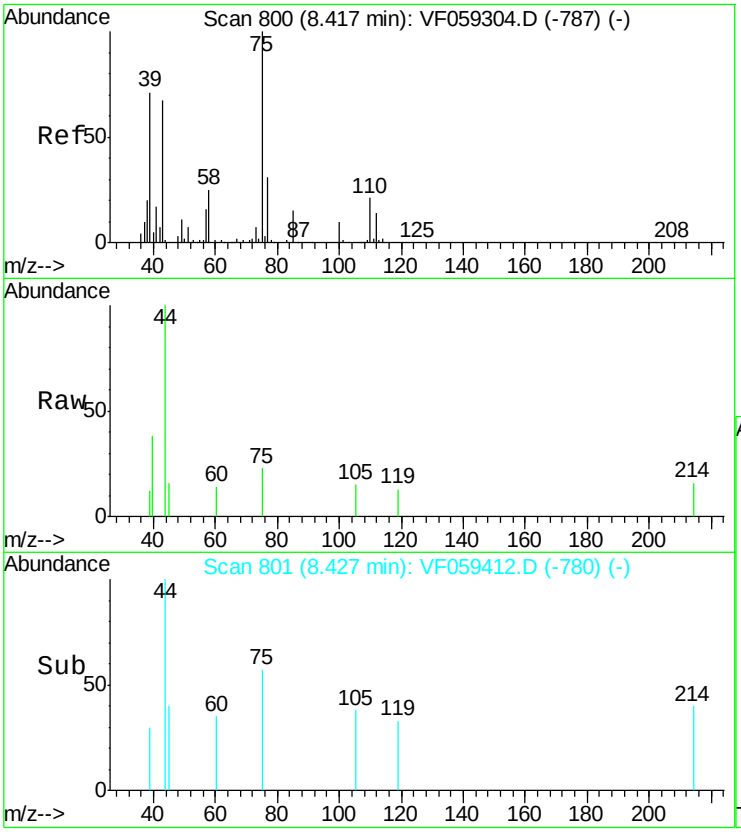


#51
4-Methyl-2-Pentanone
Concen: 64.491 ug/l
RT: 8.39 min Scan# 797
Delta R.T. 0.00 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 43 Resp: 89

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	42.6#



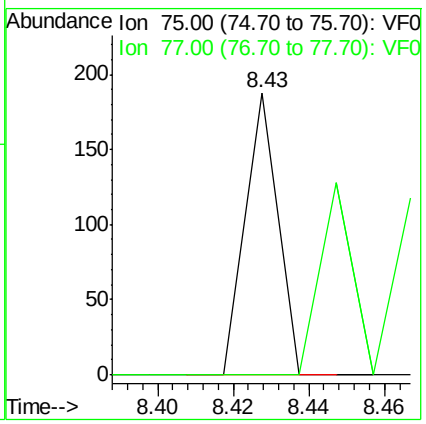


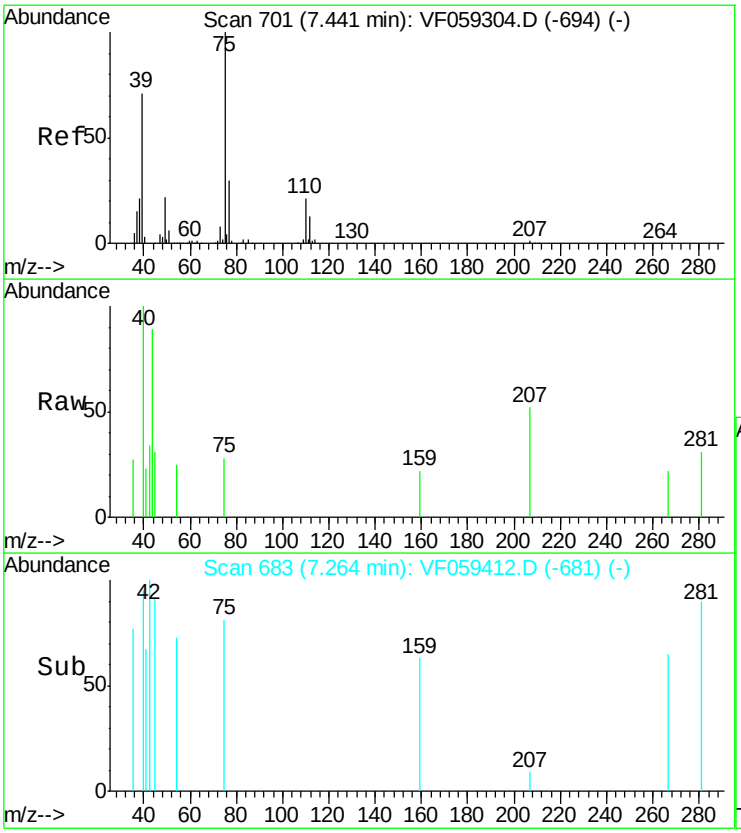
#53
t-1,3-Dichloropropene
Concen: 40.912 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 75 Resp: 111

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#

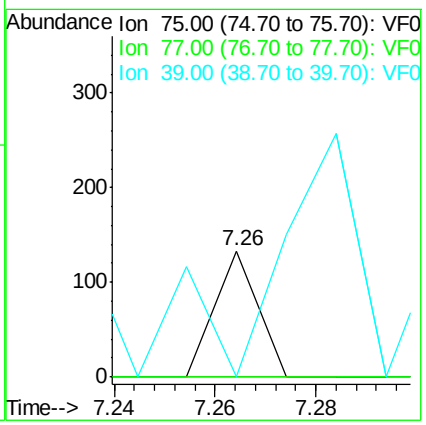


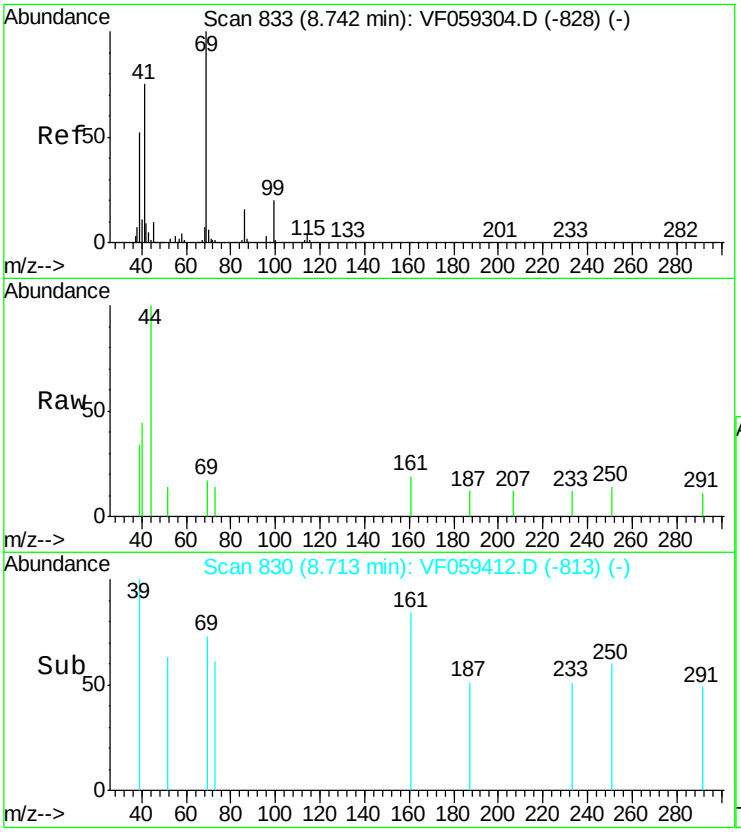


#54
cis-1,3-Dichloropropene
Concen: 26.807 ug/l
RT: 7.26 min Scan# 683
Delta R.T. -0.18 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 75 Resp: 79

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.3	36.5#
39	0.0	57.2	85.8#



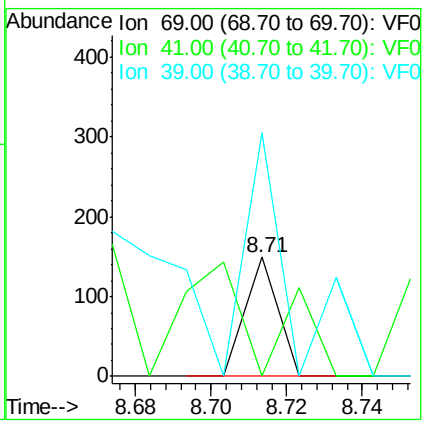


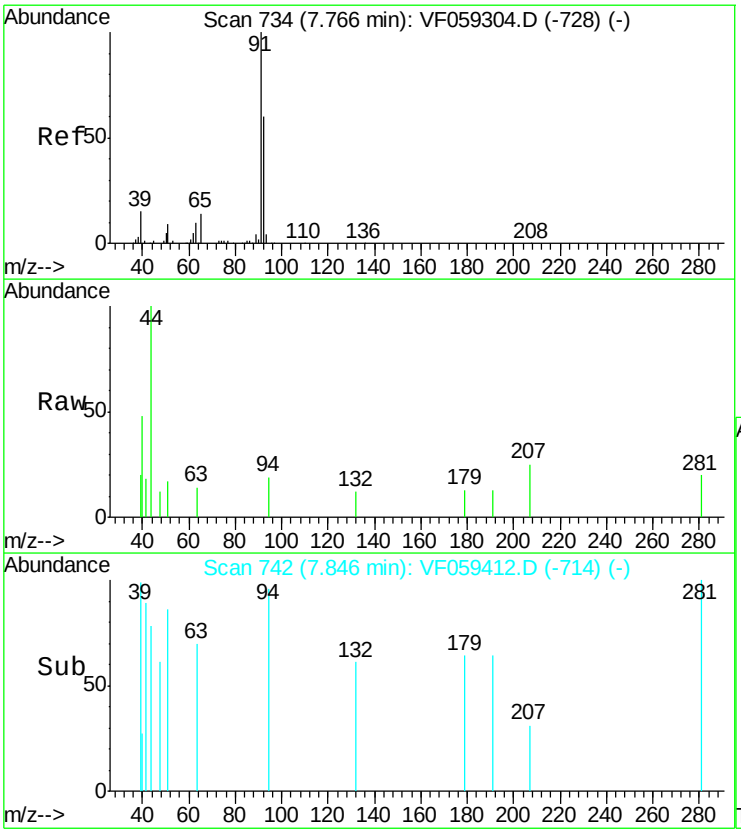
#56
Ethyl methacrylate
Concen: 49.312 ug/l
RT: 8.71 min Scan# 830
Delta R.T. -0.03 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 69 Resp: 88

Ion	Ratio	Lower	Upper
69	100		
41	0.0	60.3	90.5#
39	204.7	42.2	63.4#

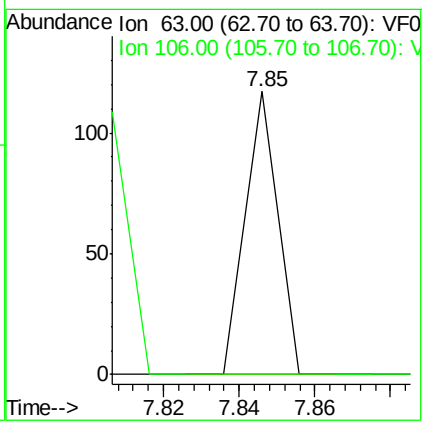


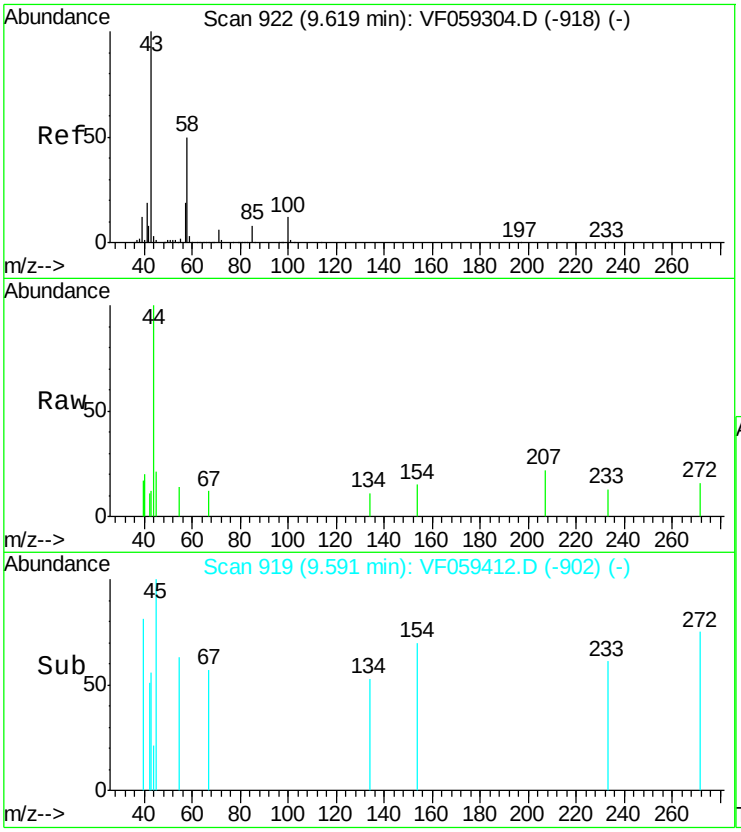


#58
2-Chloroethyl Vinyl ether
Concen: 515.537 ug/l
RT: 7.85 min Scan# 742
Delta R.T. 0.08 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 63 Resp: 69

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



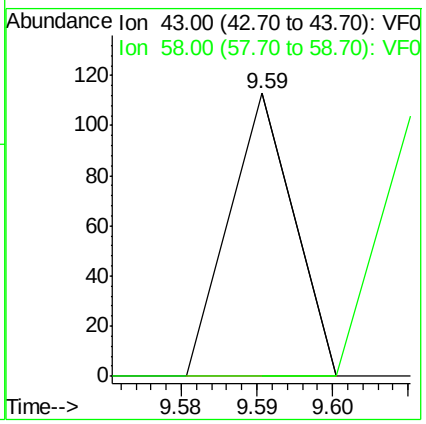


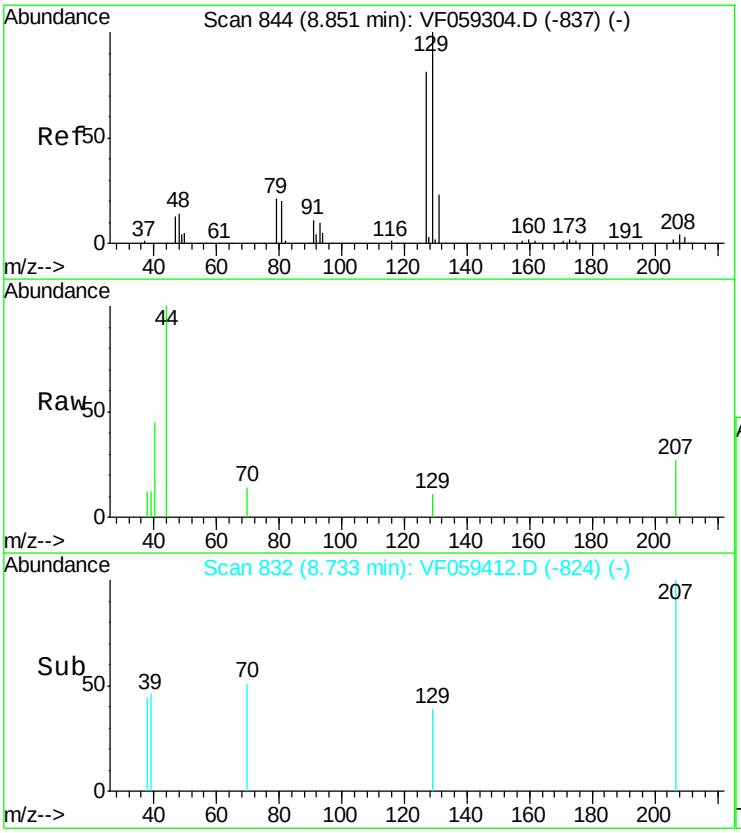
#59
2-Hexanone
Concen: 51.185 ug/l
RT: 9.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion: 43 Resp: 67

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.9#

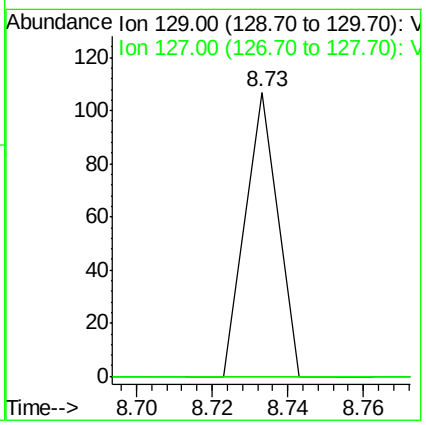


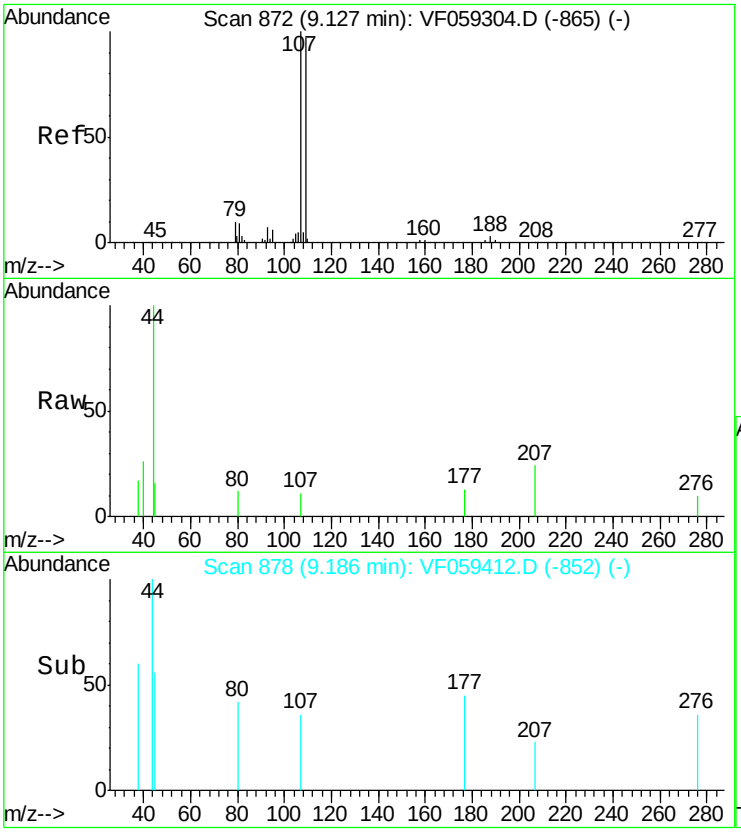


#60
Dibromochloromethane
Concen: 28.327 ug/l
RT: 8.73 min Scan# 832
Delta R.T. -0.12 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:129 Resp: 63

Ion	Ratio	Lower	Upper
129	100		
127	0.0	40.7	122.1#



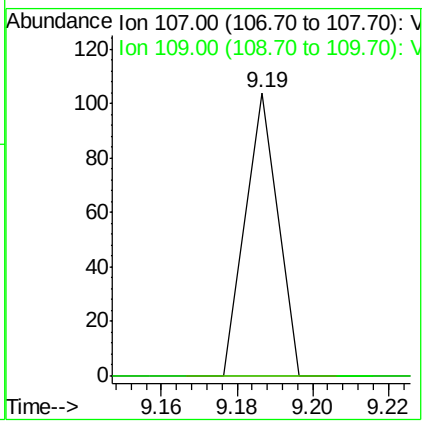


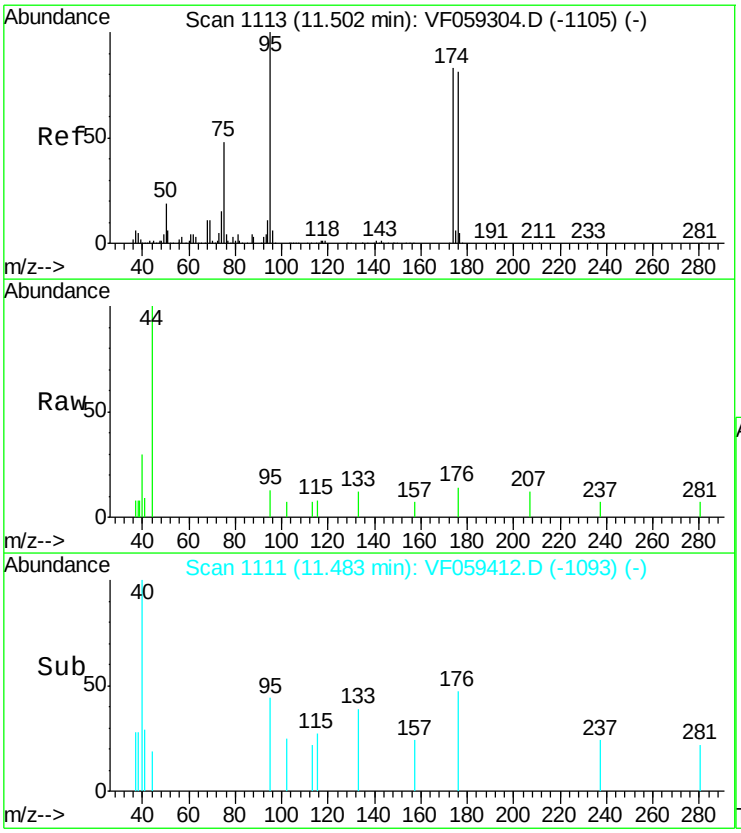
#61
1,2-Dibromoethane
Concen: 34.915 ug/l
RT: 9.19 min Scan# 878
Delta R.T. 0.06 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion:107 Resp: 61

Ion	Ratio	Lower	Upper
107	100		
109	0.0	77.3	115.9#

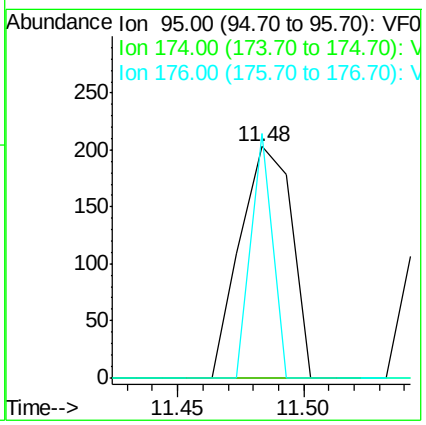


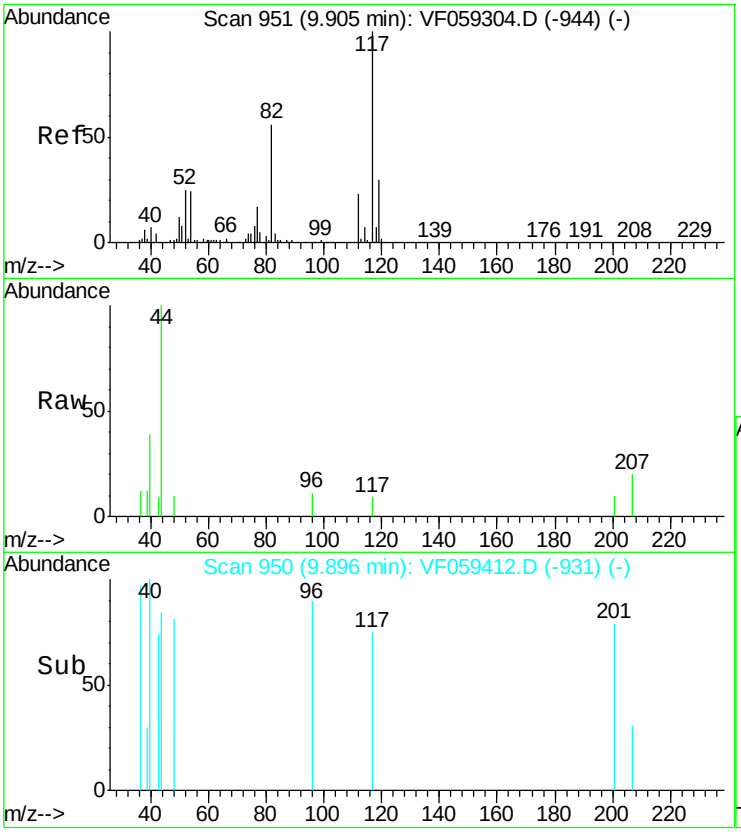


#62
4-Bromofluorobenzene
Concen: 111.008 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 95 Resp: 290

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	165.2
176	105.4	0.0	161.0



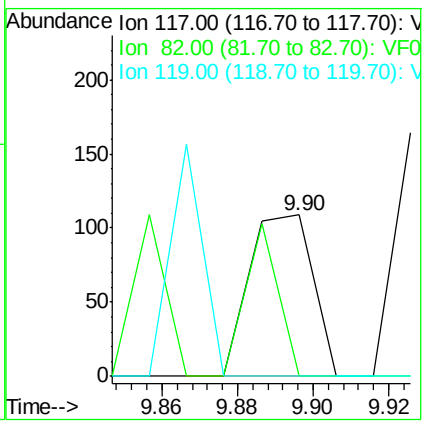


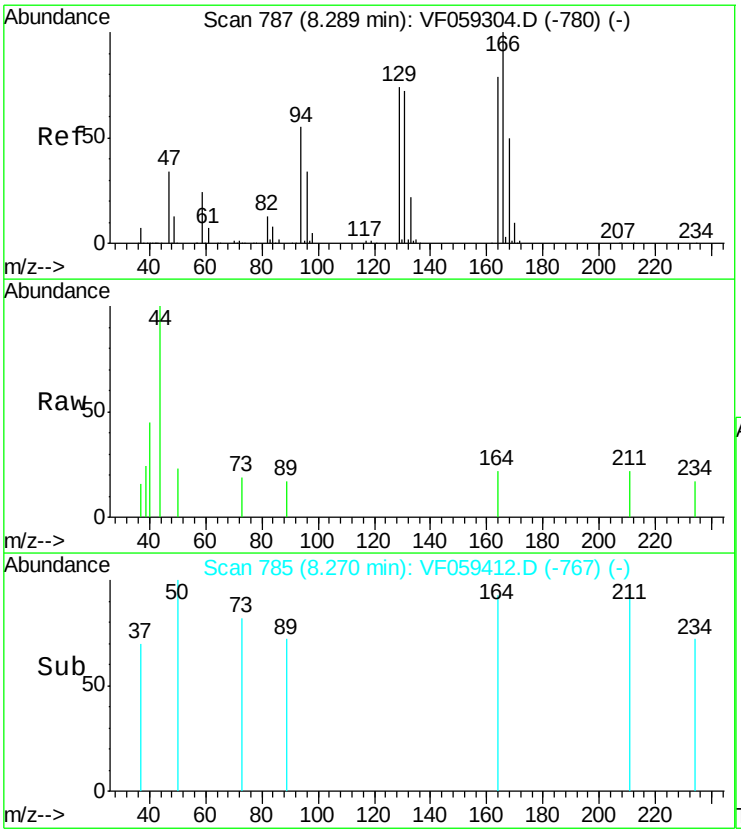
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion:117 Resp: 127

Ion	Ratio	Lower	Upper
117	100		
82	0.0	44.6	66.8#
119	0.0	24.1	36.1#

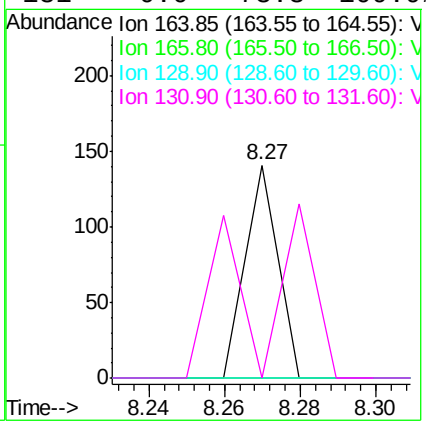


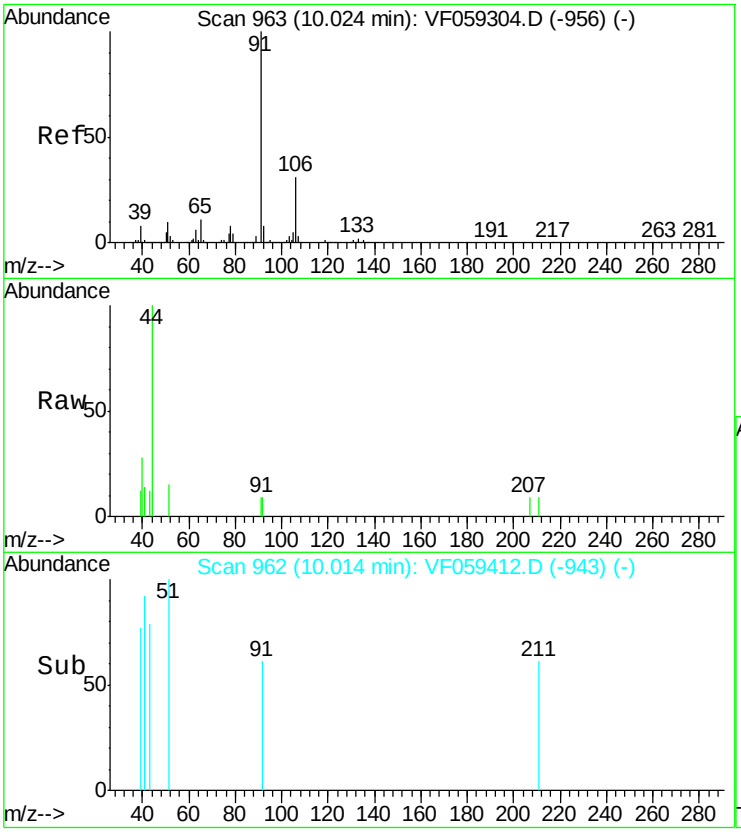


#64
Tetrachloroethene
Concen: 100.766 ug/l
RT: 8.27 min Scan# 785
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:164 Resp: 83

Ion	Ratio	Lower	Upper
164	100		
166	0.0	101.1	151.7#
129	0.0	75.0	112.4#
131	0.0	73.3	109.9#



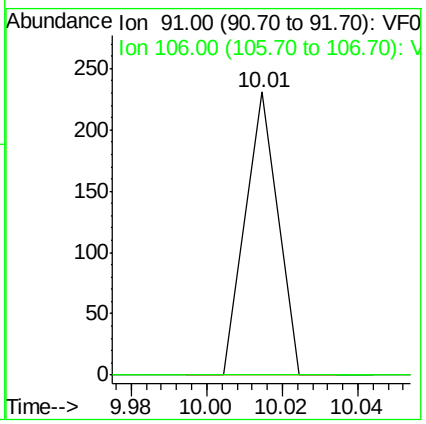


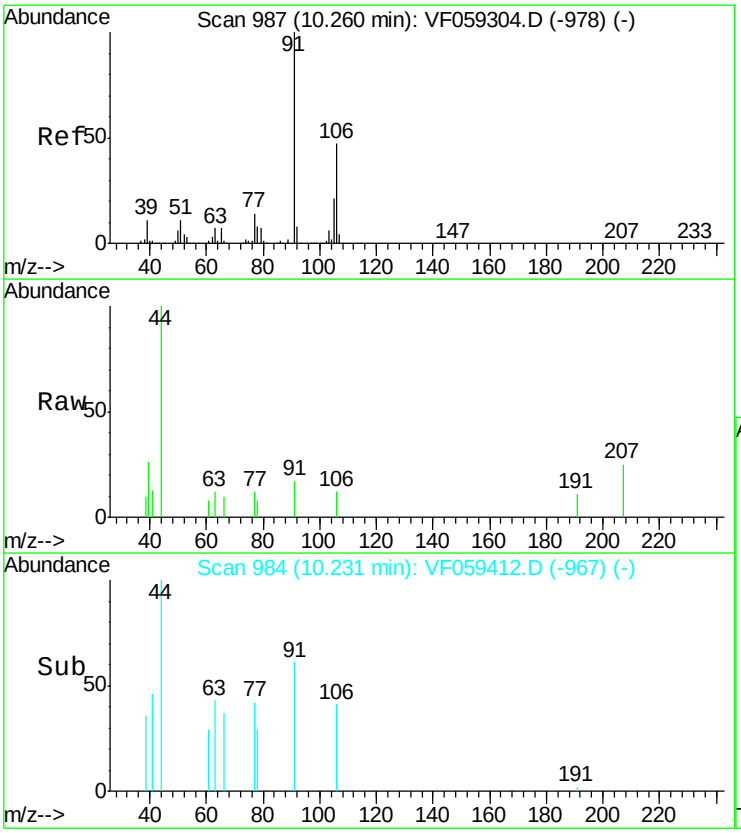
#67
Ethyl Benzene
Concen: 34.316 ug/l
RT: 10.01 min Scan# 962
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 91 Resp: 137

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.8	37.2#

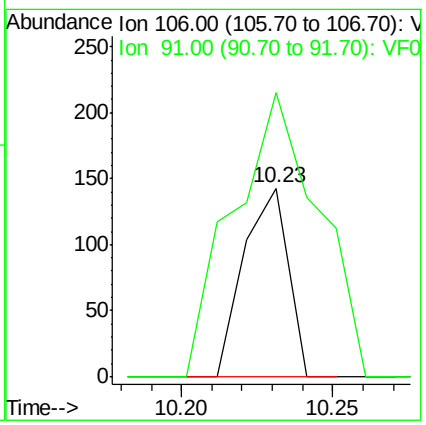


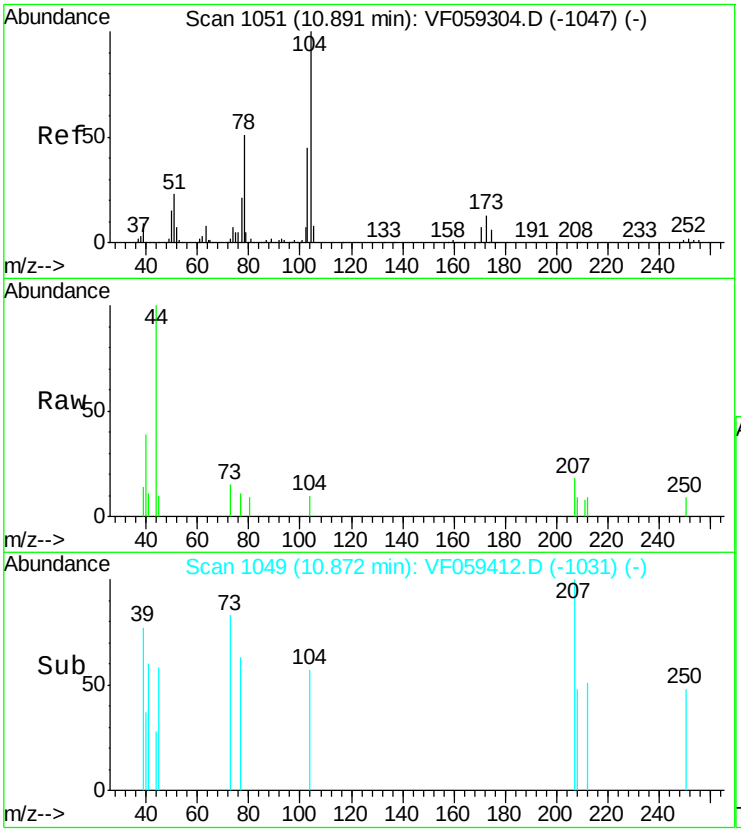


#68
m/p-Xylenes
Concen: 102.748 ug/l
RT: 10.23 min Scan# 984
Delta R.T. -0.03 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:106 Resp: 146

Ion	Ratio	Lower	Upper
106	100		
91	150.3	170.8	256.2#



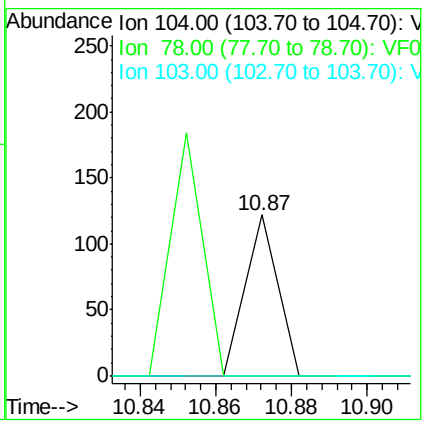


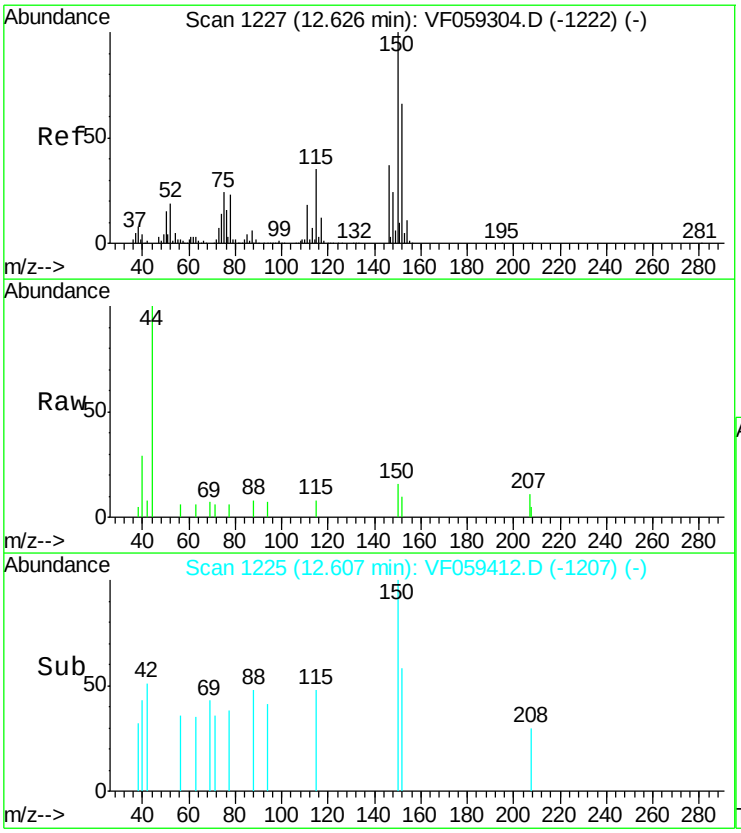
#70
Stvrene
Concen: 29.739 ug/l
RT: 10.87 min Scan# 1049
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion:104 Resp: 72

Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.9	61.3#
103	0.0	36.5	54.7#

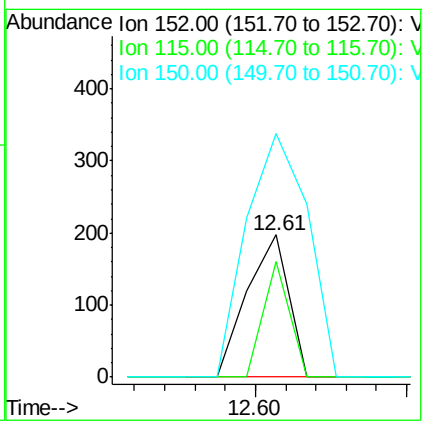


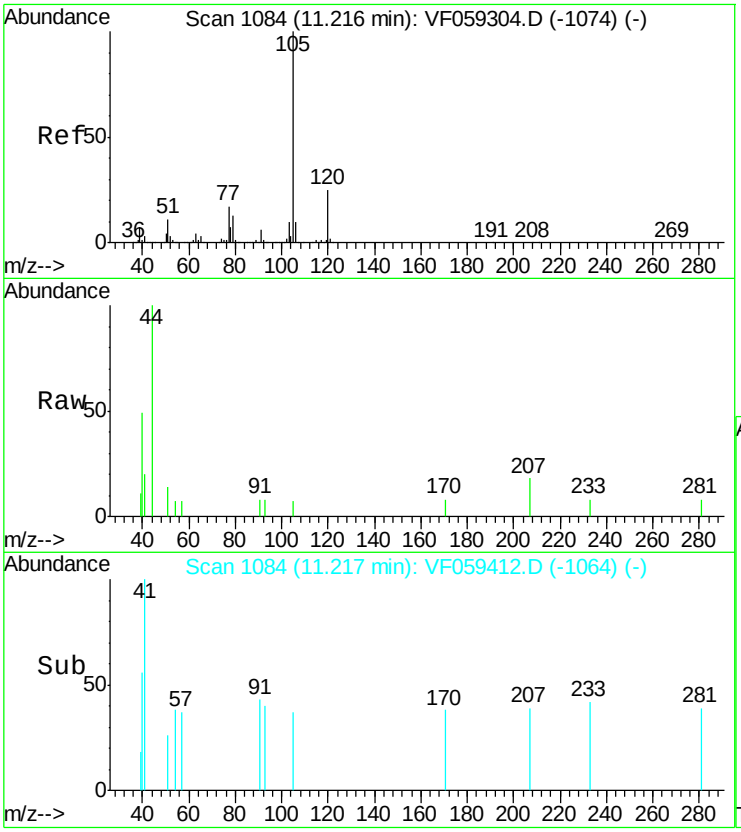


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:152 Resp: 187

Ion	Ratio	Lower	Upper
152	100		
115	81.7	27.1	81.3#
150	171.6	0.0	305.2



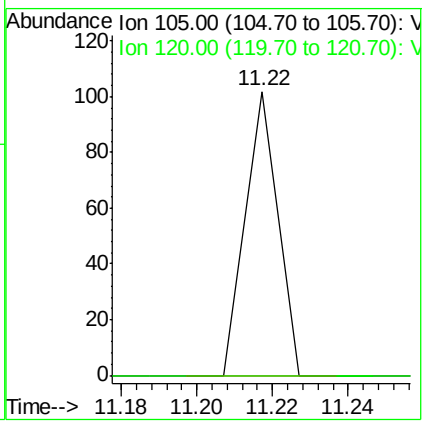


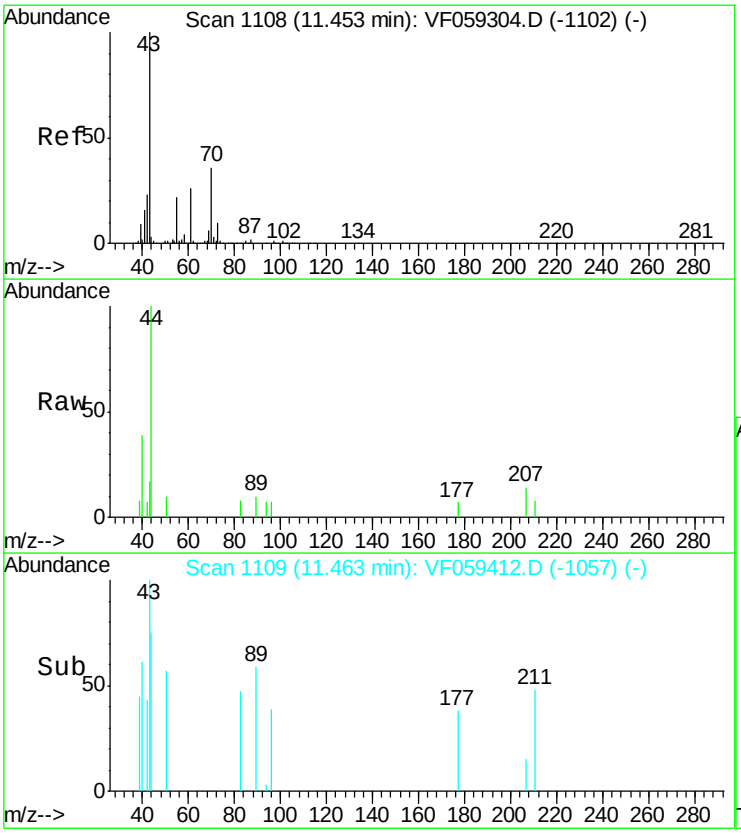
#73
Isopropylbenzene
Concen: 5.508 ug/l
RT: 11.22 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument : MSVOA_F
ClientSampleId : SB-3(4-6)

Tgt Ion:105 Resp: 60

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.3	36.8#

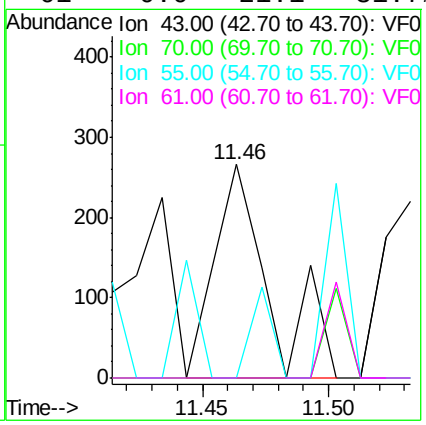


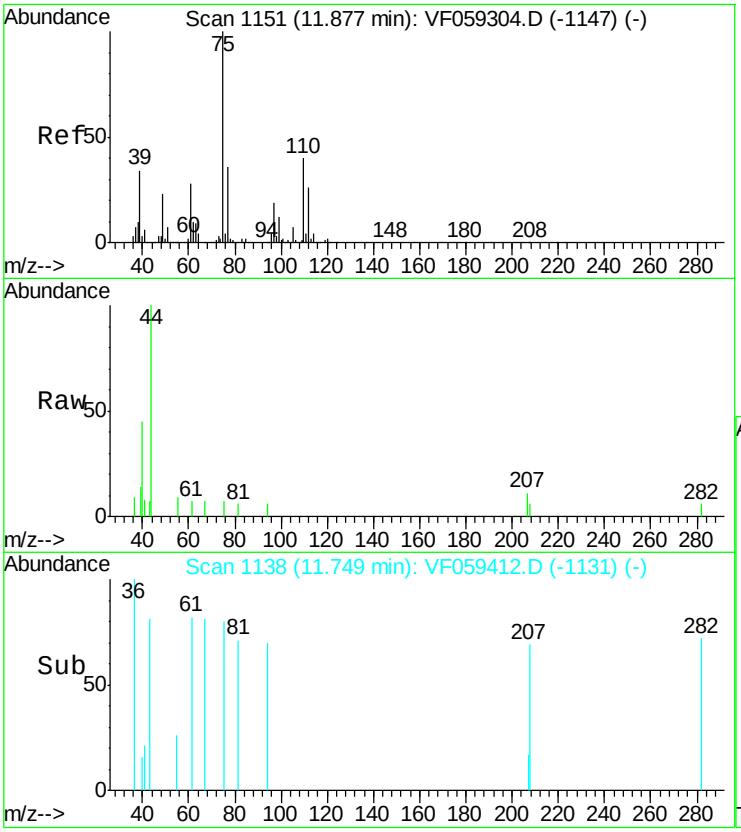


#74
N-amyl acetate
Concen: 101.938 ug/l
RT: 11.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 43 Resp: 403

Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.8	43.2#
55	0.0	17.4	26.0#
61	0.0	21.1	31.7#



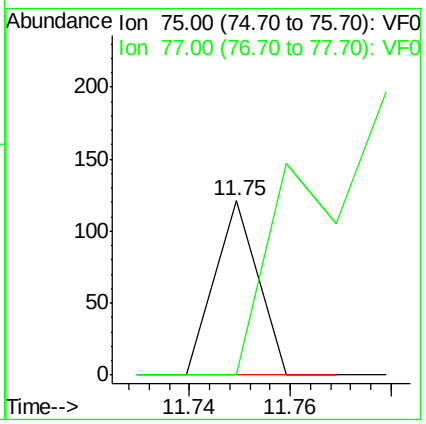


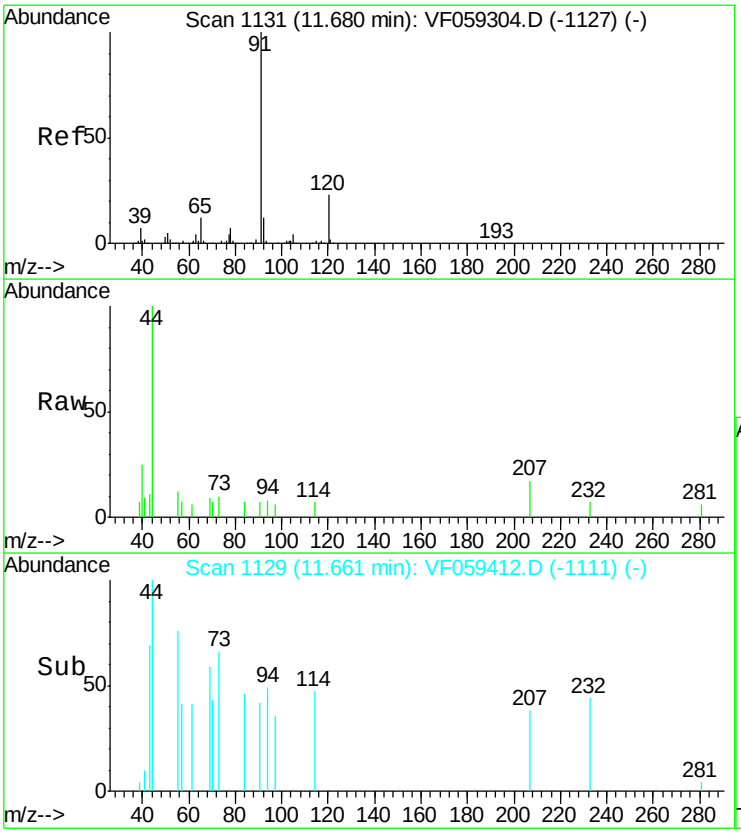
#76
1,2,3-Trichloropropane
Concen: 34.691 ug/l
RT: 11.75 min Scan# 1138
Delta R.T. -0.13 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 75 Resp: 72

Ion	Ratio	Lower	Upper
75	100		
77	0.0	18.0	54.0#

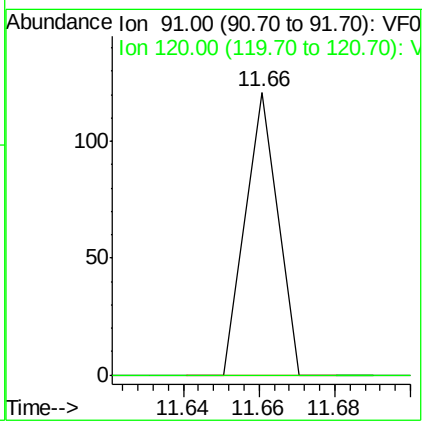


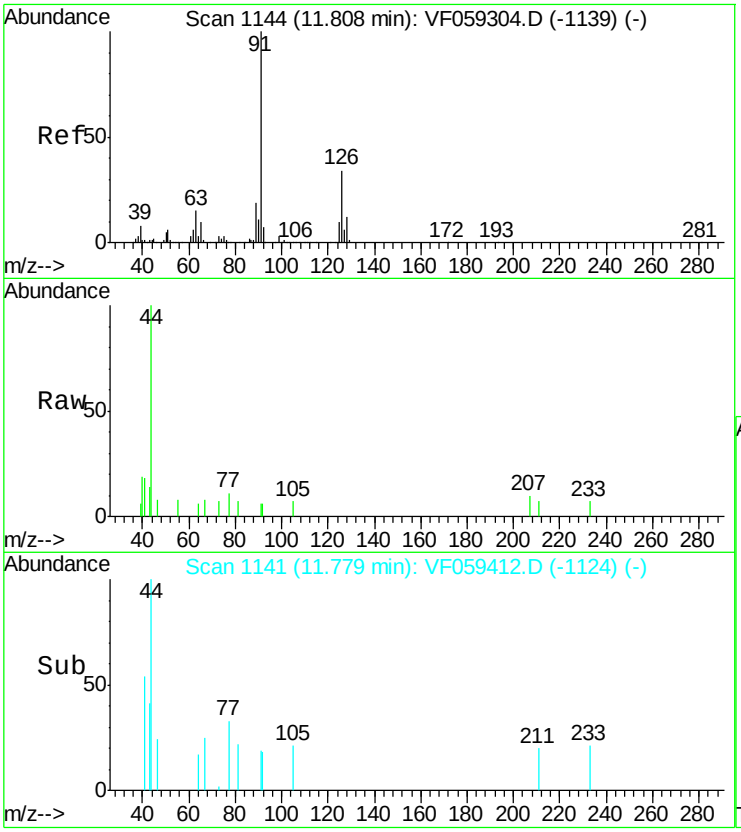


#78
n-propylbenzene
Concen: 5.503 ug/l
RT: 11.66 min Scan# 1129
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 91 Resp: 72

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.7	35.0#



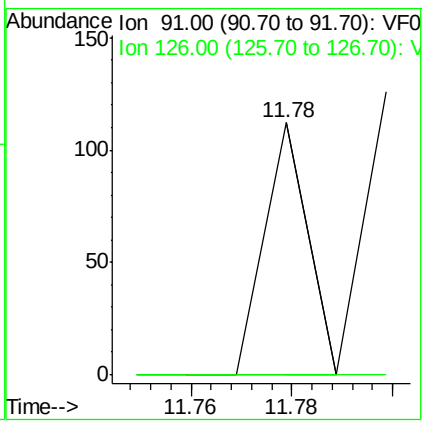


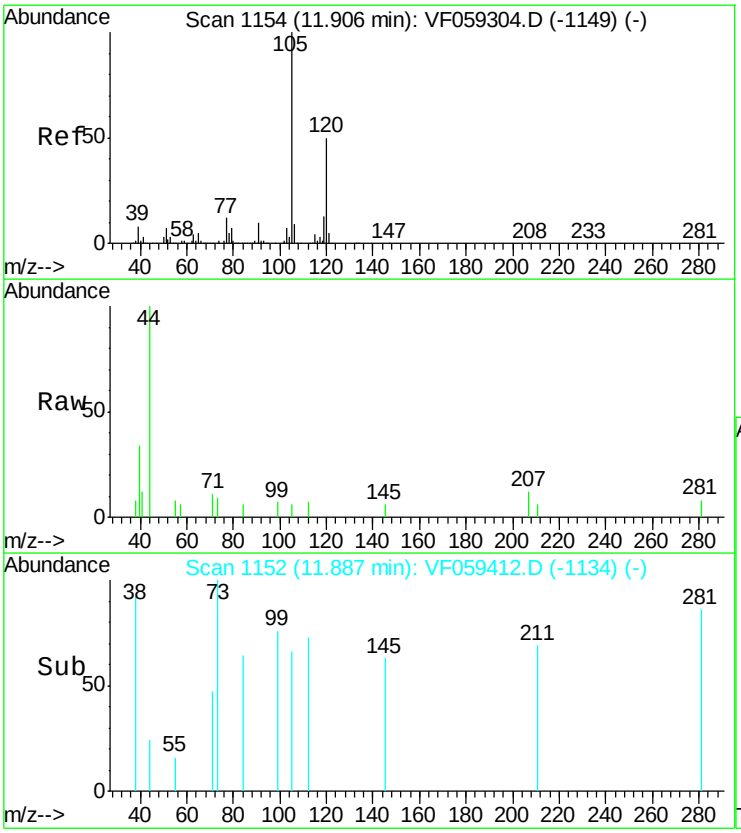
#79
2-Chlorotoluene
Concen: 8.257 ug/l
RT: 11.78 min Scan# 1141
Delta R.T. -0.03 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 91 Resp: 66

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.2	51.5#

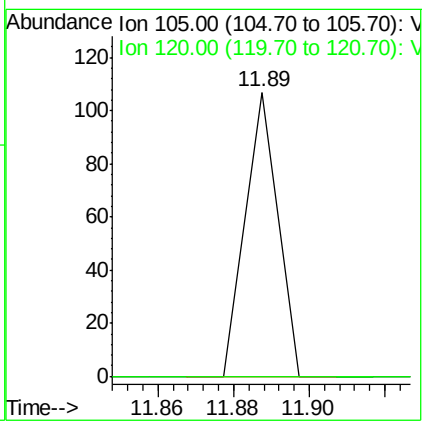


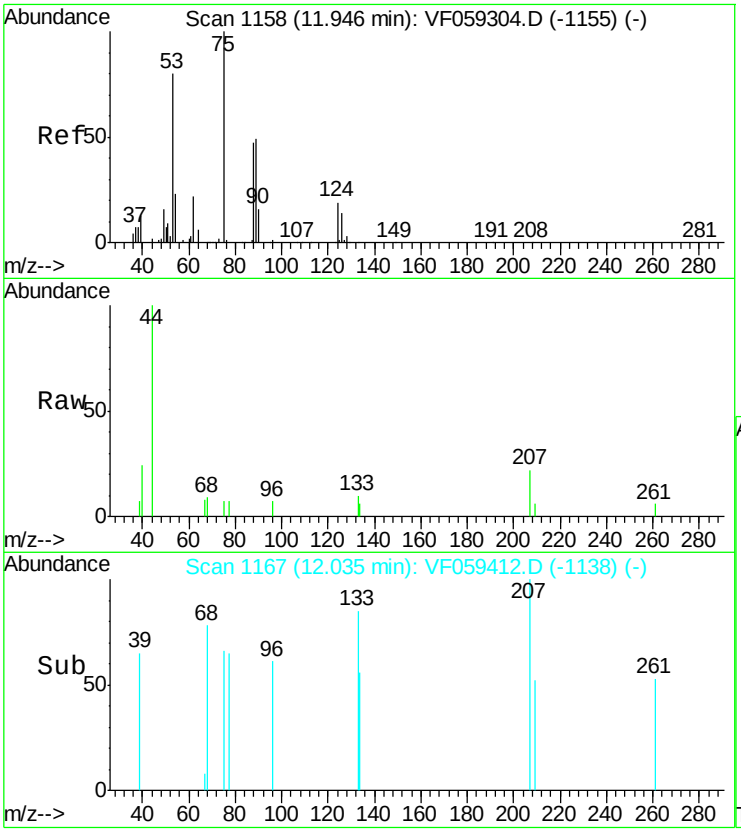


#80
1,3,5-Trimethylbenzene
Concen: 6.602 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:105 Resp: 63

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.9	74.7#



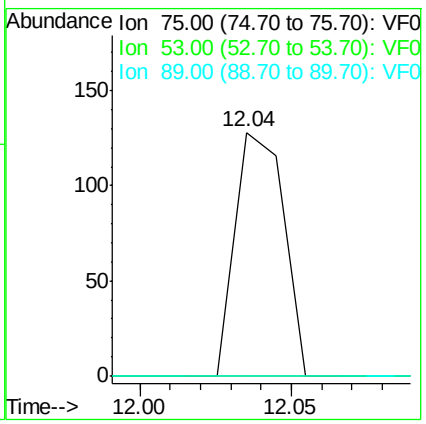


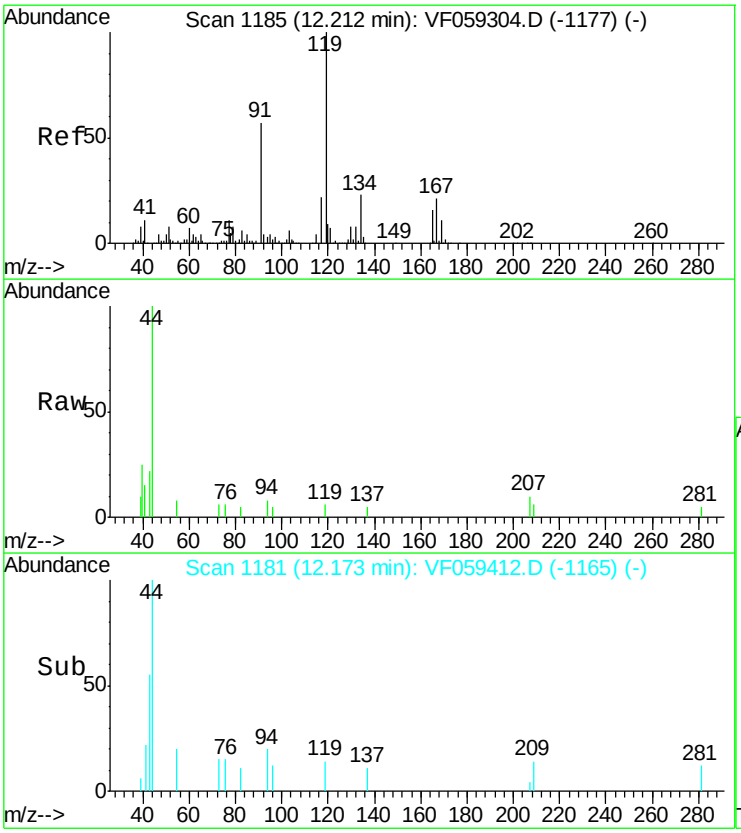
#81
trans-1,4-Dichloro-2-butene
Concen: 116.575 ug/l
RT: 12.04 min Scan# 1167
Delta R.T. 0.09 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion: 75 Resp: 144

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.8	103.2#
89	0.0	42.0	63.0#

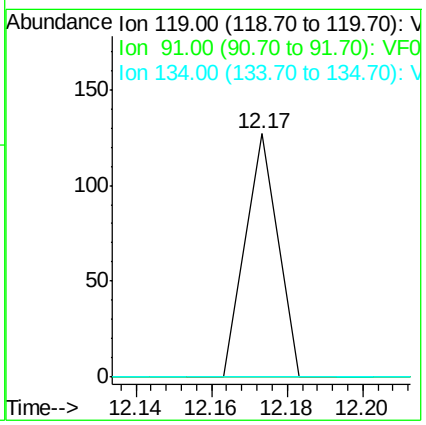


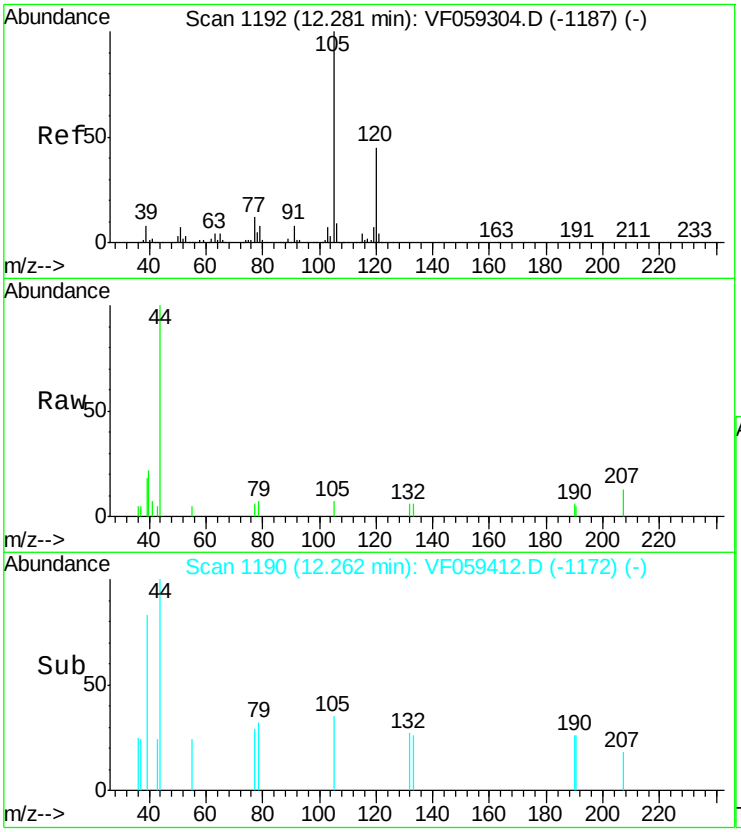


#83
tert-Butylbenzene
Concen: 7.858 ug/l
RT: 12.17 min Scan# 1181
Delta R.T. -0.04 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:119 Resp: 75

Ion	Ratio	Lower	Upper
119	100		
91	0.0	28.4	85.2#
134	0.0	11.7	35.1#



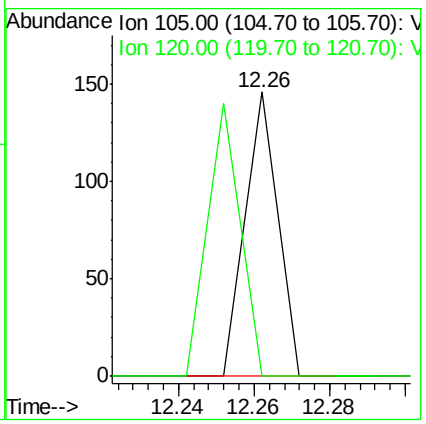


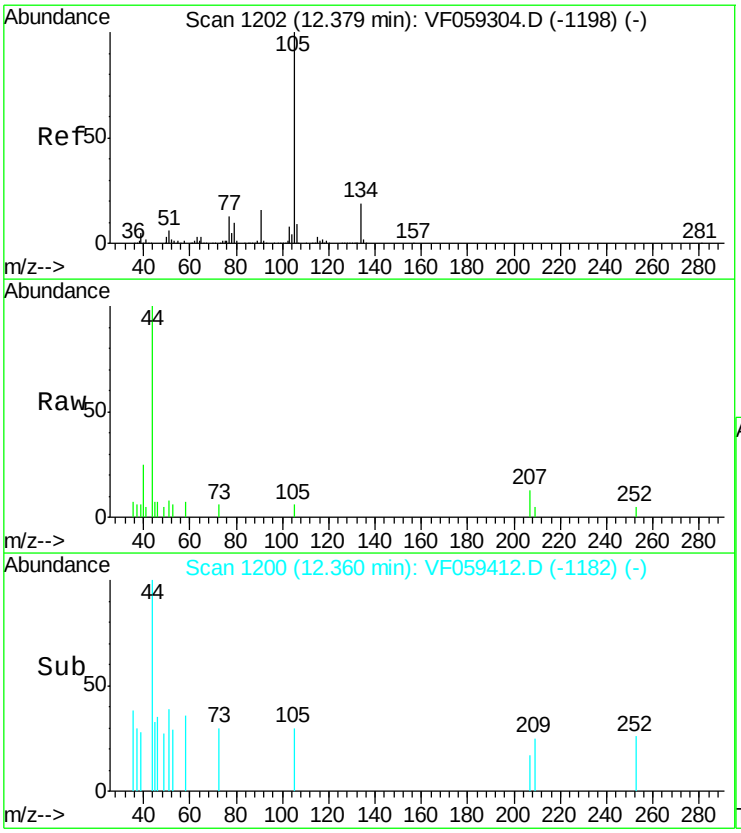
#84
1,2,4-Trimethylbenzene
Concen: 8.557 ug/l
RT: 12.26 min Scan# 1190
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion:105 Resp: 86

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.8	68.4#

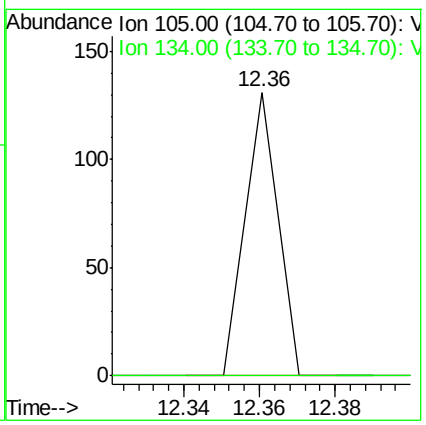


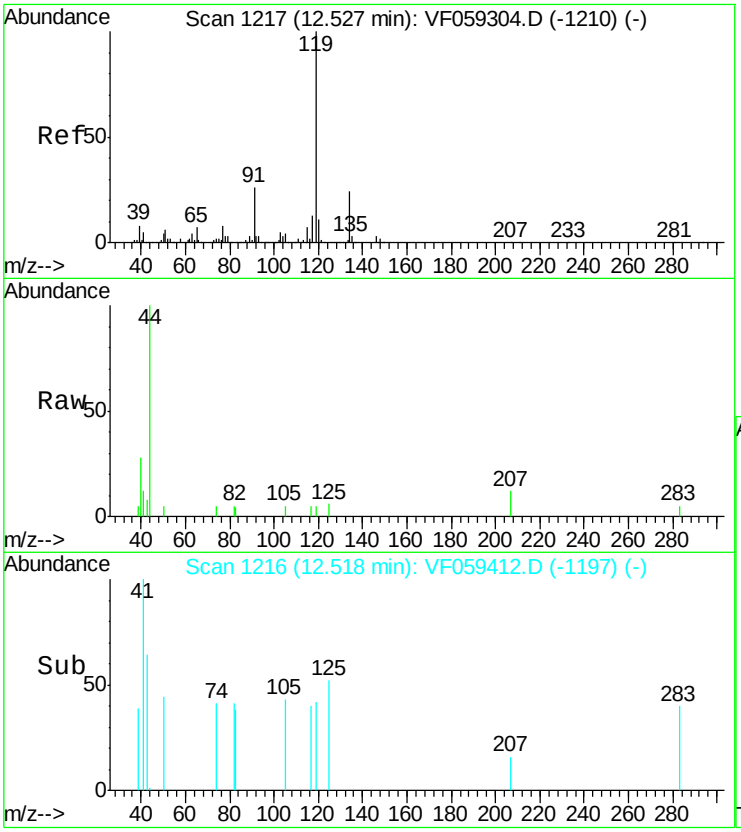


#85
sec-Butylbenzene
Concen: 6.086 ug/l
RT: 12.36 min Scan# 1200
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:105 Resp: 77

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.4	28.3#



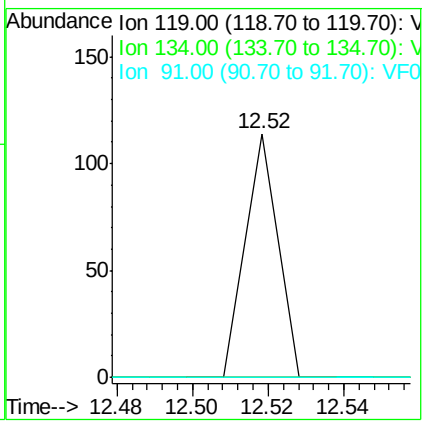


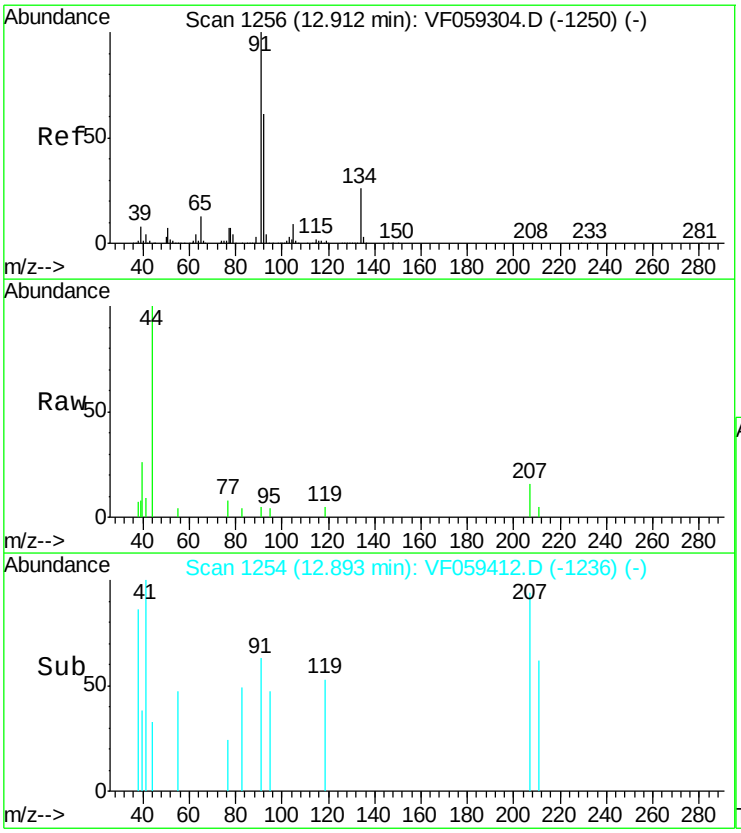
#86
p-Isopropyltoluene
Concen: 6.310 ug/l
RT: 12.52 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion:119 Resp: 67

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.4#
91	0.0	12.9	38.6#

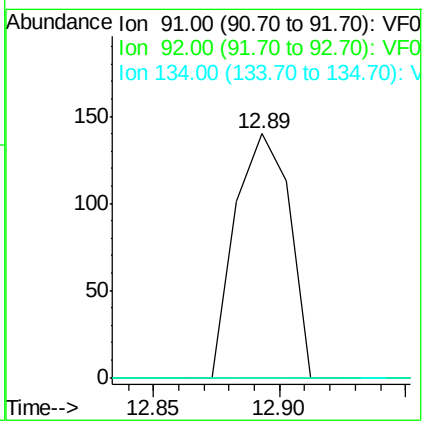


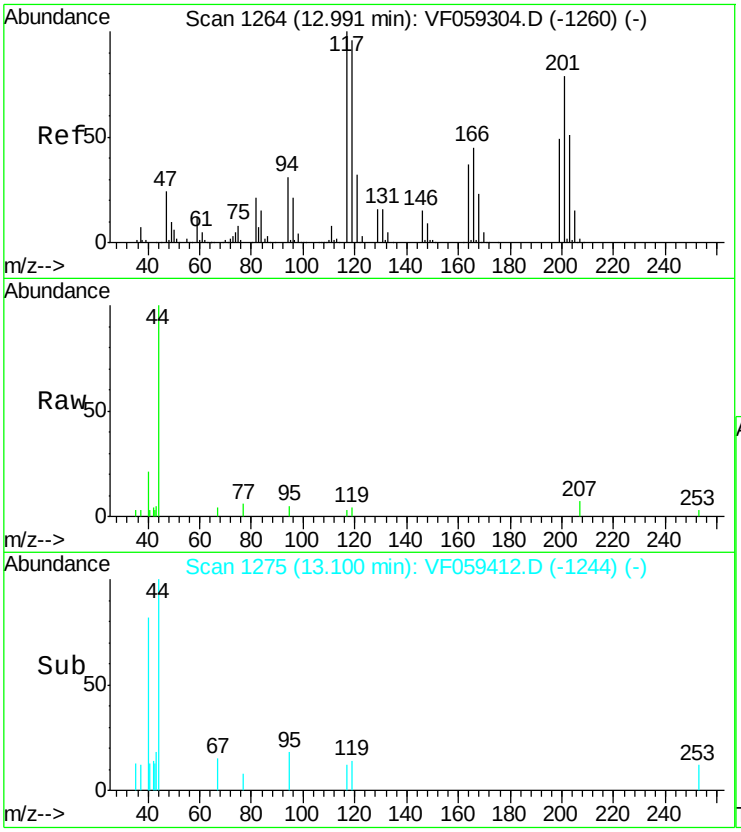


#89
n-Butylbenzene
Concen: 19.391 ug/l
RT: 12.89 min Scan# 1254
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 91 Resp: 209

Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.3	91.0#
134	0.0	12.9	38.7#



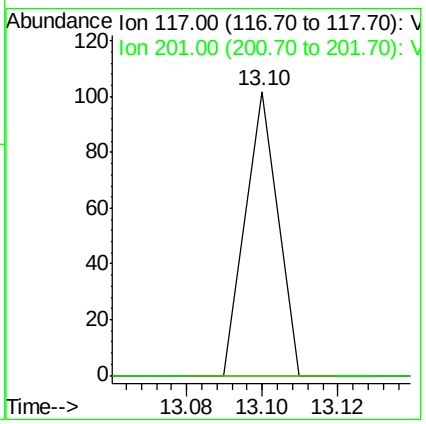


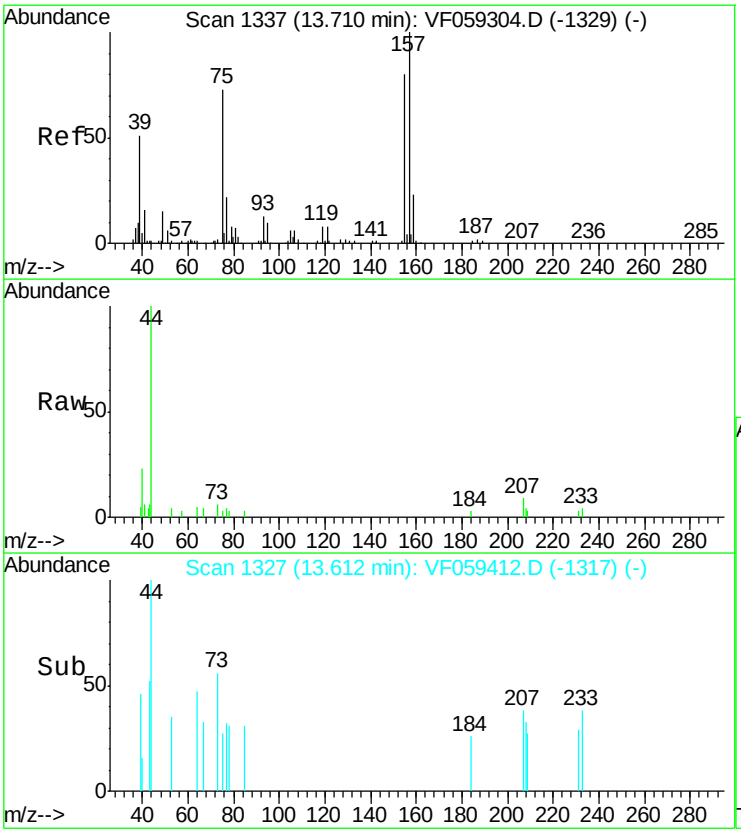
#90
Hexachloroethane
Concen: 22.674 ug/l
RT: 13.10 min Scan# 1275
Delta R.T. 0.11 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion:117 Resp: 60

Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.5	118.5#

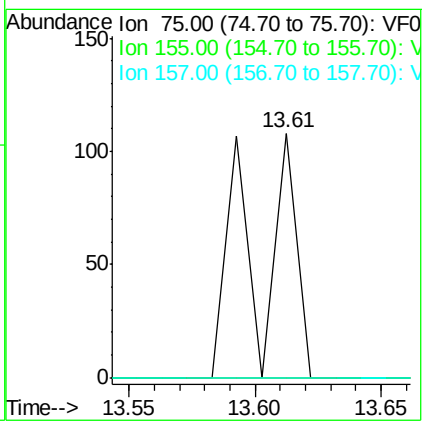


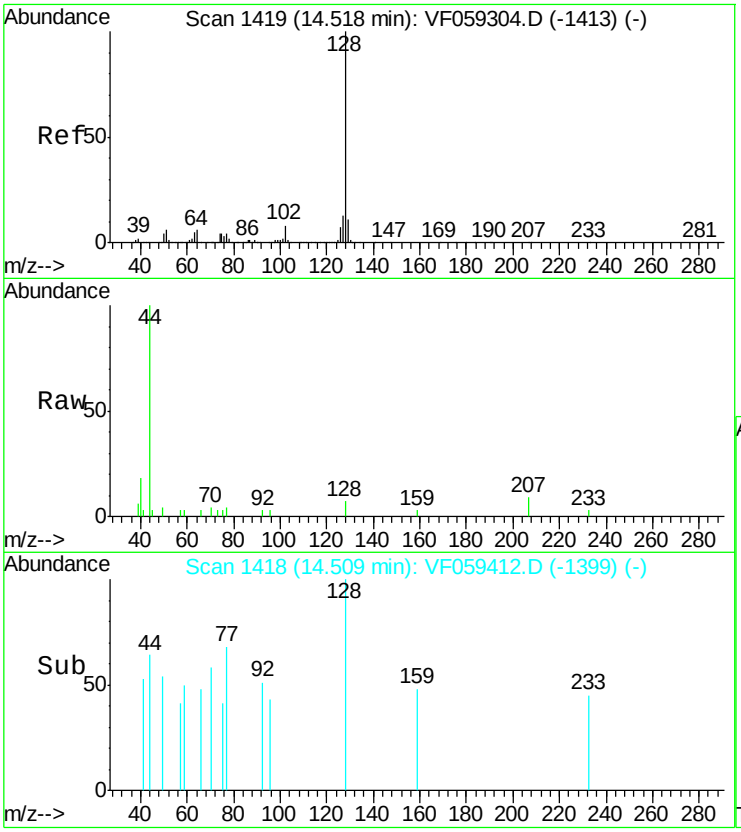


#92
1,2-Dibromo-3-Chloropropane
Concen: 208.226 ug/l
RT: 13.61 min Scan# 1327
Delta R.T. -0.10 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 75 Resp: 127

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.6	163.8#
157	0.0	68.7	205.9#



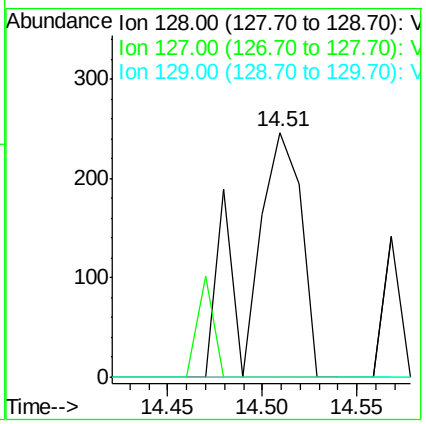


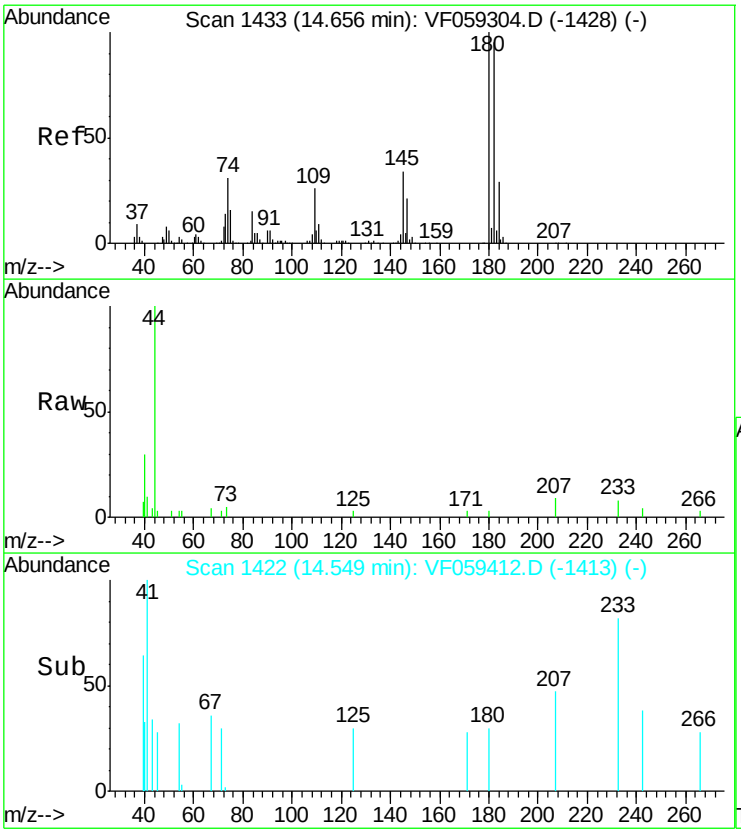
#95
Naphthalene
Concen: 55.131 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

Tgt Ion:128 Resp: 468

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	0.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 16.391 ug/l
RT: 14.55 min Scan# 1422
Delta R.T. -0.11 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:180 Resp: 63

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.5	142.5#
145	0.0	17.0	50.9#