Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059814.D
Acq On : 2 Aug 2018 21:30
Operator : VA/AP
Sample : J4164-10
Misc : 8.38g/5mL/MSVOA F/SOIL
ALS Vial : 93 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-2

Quant Time: Aug 03 07:06:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	4007	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	2967	50.00 ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	1655	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	319	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	4.98	65	1178	16.36 ug/l	-0.04
Spiked Amount 50.000			Recovery = 32.72%		
35) Dibromofluoromethane	4.27	113	989	32.09 ug/l	-0.02
Spiked Amount 50.000			Recovery = 64.18%		
50) Toluene-d8	7.70	98	2446	34.04 ug/l	0.00
Spiked Amount 50.000			Recovery = 68.08%		
62) 4-Bromofluorobenzene	11.50	95	437	10.98 ug/l	0.00
Spiked Amount 50.000			Recovery = 21.96%		
Target Compounds					Qvalue
3) Chloromethane	1.15	50	85	Below Cal #	38
5) Bromomethane	1.22	94	79	Below Cal #	4
10) Methyl Iodide	2.08	142	87	Below Cal #	20
11) Tert butyl alcohol	2.66	59	73	23.821 ug/l #	74
12) 1,1-Dichloroethene	1.99	96	64	2.062 ug/l #	8
13) Acrolein	1.98	56	61	53.595 ug/l	91
14) Allyl chloride	2.16	41	191	3.855 ug/l #	1
15) Acrylonitrile	3.06	53	70	15.103 ug/l #	7
16) Acetone	2.34	43	160	12.352 ug/l #	68
17) Carbon Disulfide	1.85	76	462	1.971 ug/l #	71
18) Methyl Acetate	2.34	43	160	3.324 ug/l #	64
20) Methylene Chloride	2.37	84	70	Below Cal #	1
23) Vinyl Acetate	3.31	43	64	1.188 ug/l #	83
26) 2,2-Dichloropropane	3.65	77	63	1.214 ug/l #	66
28) Bromochloromethane	3.85	49	72	Below Cal #	15
29) Tetrahydrofuran	4.32	42	103	18.539 ug/l #	39
31) Cyclohexane	3.90	56	77	Below Cal #	15
37) Ethyl Acetate	4.14	43	105	2.706 ug/l #	19
38) Carbon Tetrachloride	4.11	117	60	1.272 ug/l #	14
39) Methylcyclohexane	5.73	83	64	Below Cal #	13
40) Benzene	4.73	78	172	2.871 ug/l #	52
41) Methacrylonitrile	4.88	41	62	5.819 ug/l #	24
42) 1,2-Dichloroethane	5.09	62	65	1.550 ug/l	85
43) Isopropyl Acetate	7.07	43	70	3.946 ug/l #	46
44) Trichloroethene	5.73	130	70	Below Cal	2
45) 1,2-Dichloropropane	6.32	63	63	3.981 ug/l #	43
47) Bromodichloromethane	6.54	83	77	1.882 ug/l #	25
48) Methyl methacrylate	6.85	41	113	8.468 ug/l #	13
49) 1,4-Dioxane	6.93	88	60	699.956 ug/l #	21
51) 4-Methyl-2-Pentanone	8.37	43	75	5.557 ug/l #	42
55) 1,1,2-Trichloroethane	8.52	97	67	4.129 ug/l #	14
57) 1,3-Dichloropropane	8.96	76	70	2.514 ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.78	63	63	32.242 ug/l	100
59) 2-Hexanone	9.58	43	61	5.640 ug/l #	30

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059814.D
Acq On : 2 Aug 2018 21:30
Operator : VA/AP
Sample : J4164-10
Misc : 8.38g/5mL/MSVOA F/SOIL
ALS Vial : 93 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-2

Quant Time: Aug 03 07:06:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
60) Dibromochloromethane	8.71	129	75	2.619 ug/l #	12
66) 1,1,1,2-Tetrachloroethane	10.14	131	66	4.270 ug/l #	9
67) Ethyl Benzene	9.92	91	111	1.938 ug/l #	46
74) N-amyl acetate	11.44	43	75	14.203 ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.66	83	73	18.528 ug/l #	25
76) 1,2,3-Trichloropropane	11.77	75	73	21.789 ug/l #	39
77) Bromobenzene	11.56	156	60	10.977 ug/l #	1
78) n-propylbenzene	11.68	91	105	Below Cal #	54
79) 2-Chlorotoluene	11.82	91	135	6.147 ug/l #	44
80) 1,3,5-Trimethylbenzene	11.82	105	61	Below Cal #	31
82) 4-Chlorotoluene	12.01	91	75	1.290 ug/l #	44
83) tert-Butylbenzene	12.24	119	66	3.513 ug/l #	26
86) p-Isopropyltoluene	12.55	119	79	Below Cal #	49
89) n-Butylbenzene	12.92	91	73	Below Cal #	29
92) 1,2-Dibromo-3-Chloropropan	13.80	75	59	61.255 ug/l #	9
94) Hexachlorobutadiene	14.23	225	63	12.041 ug/l #	19
95) Naphthalene	14.53	128	76	5.526 ug/l #	70

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

Quantitation Report (Not Reviewed)

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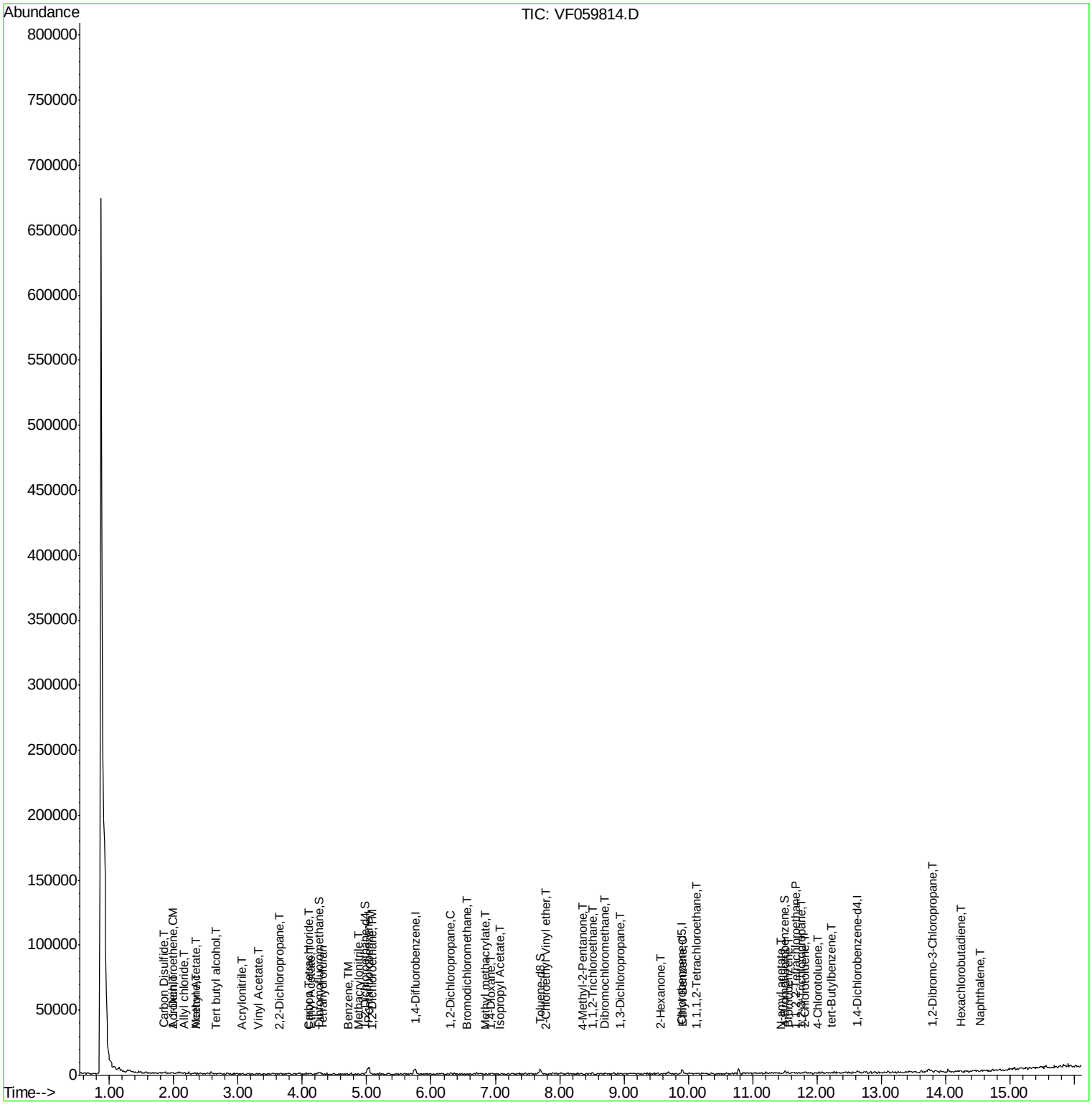
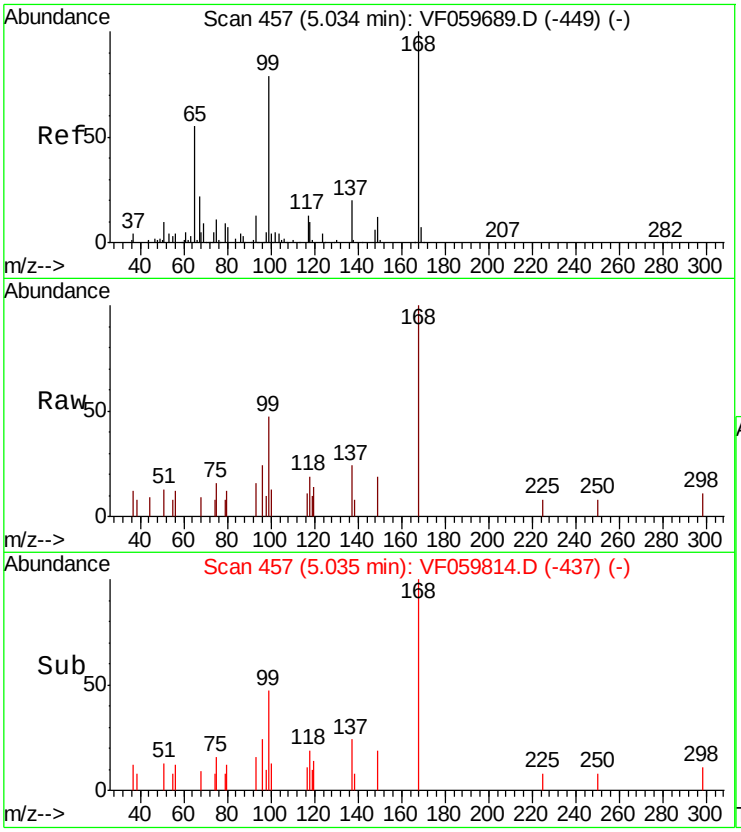
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration



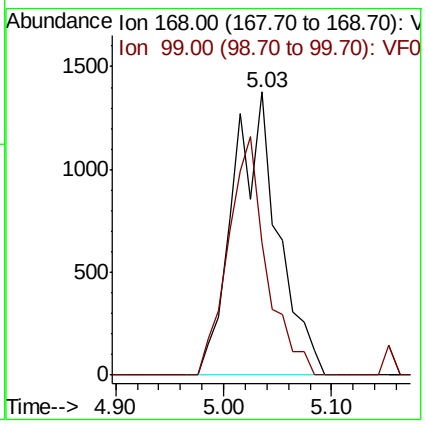


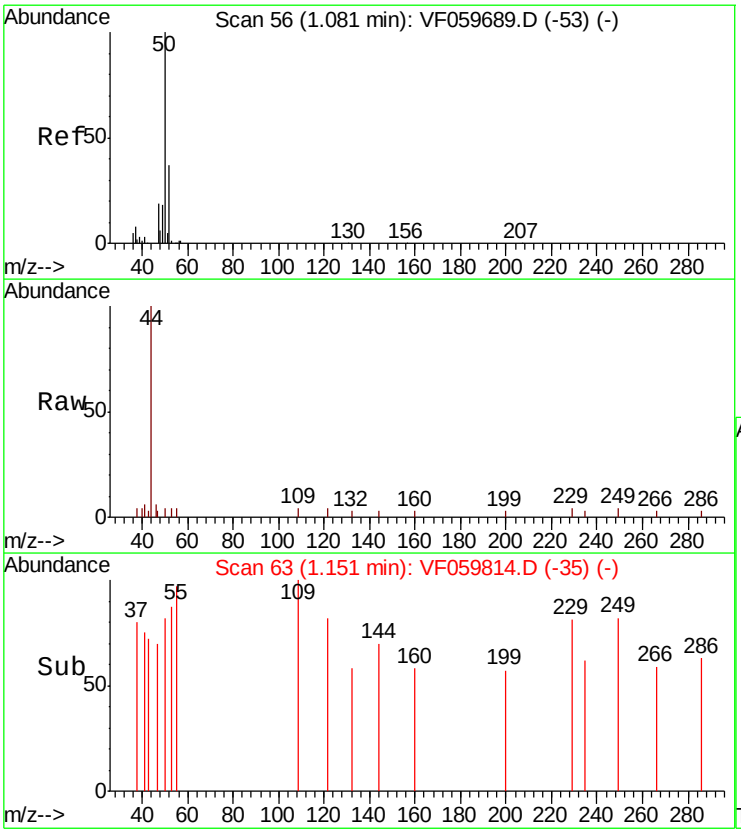
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.00 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:168 Resp: 4007

Ion	Ratio	Lower	Upper
168	100		
99	46.8	63.3	94.9#

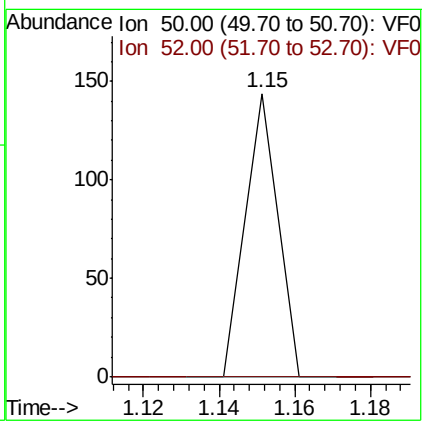


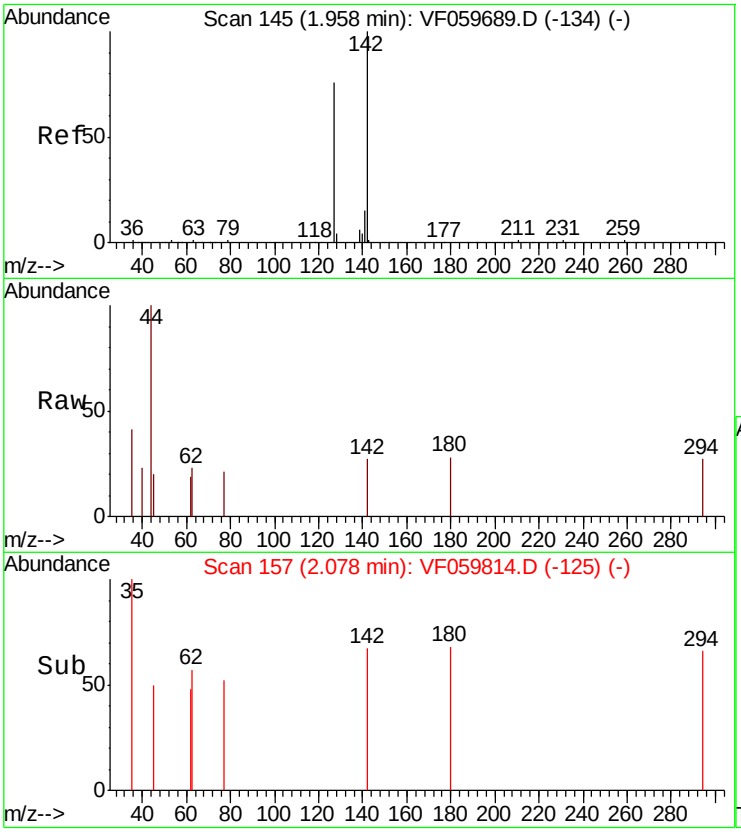


#3
Chloromethane
Concen: Below Cal
RT: 1.15 min Scan# 63
Delta R.T. 0.07 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 50 Resp: 85

Ion	Ratio	Lower	Upper
50	100		
52	0.0	29.1	43.7#



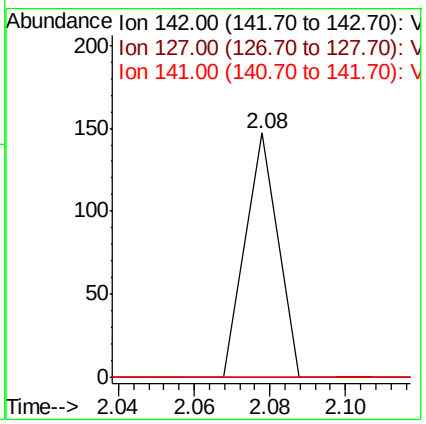


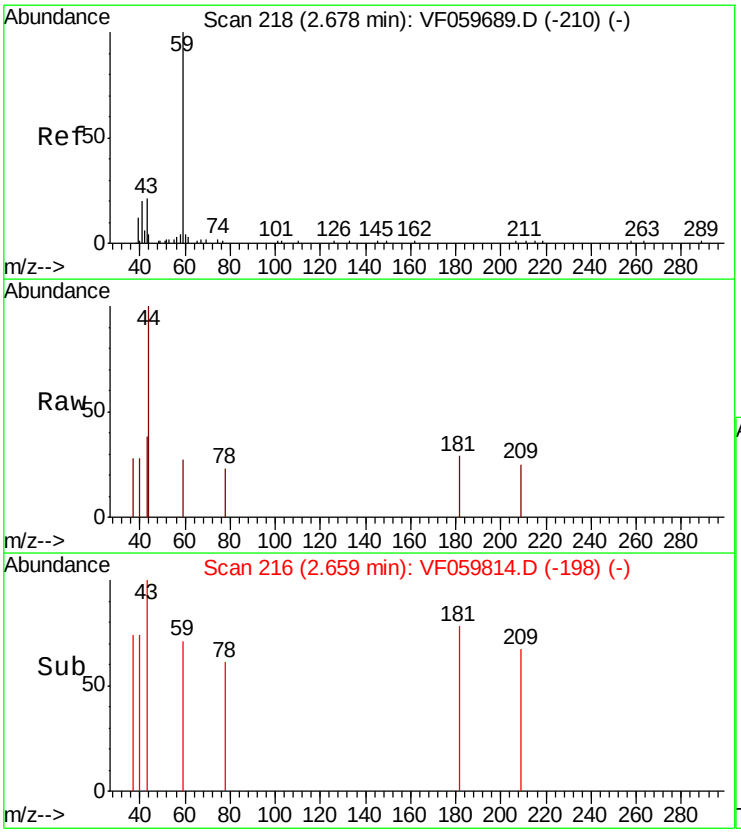
#10
Methyl Iodide
Concen: Below Cal
RT: 2.08 min Scan# 157
Delta R.T. 0.12 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion:142 Resp: 87

Ion	Ratio	Lower	Upper
142	100		
127	0.0	60.6	91.0#
141	0.0	12.0	18.0#

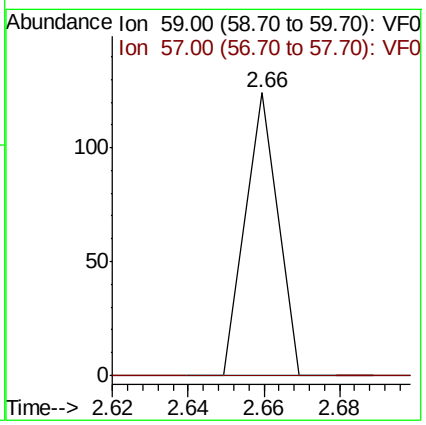


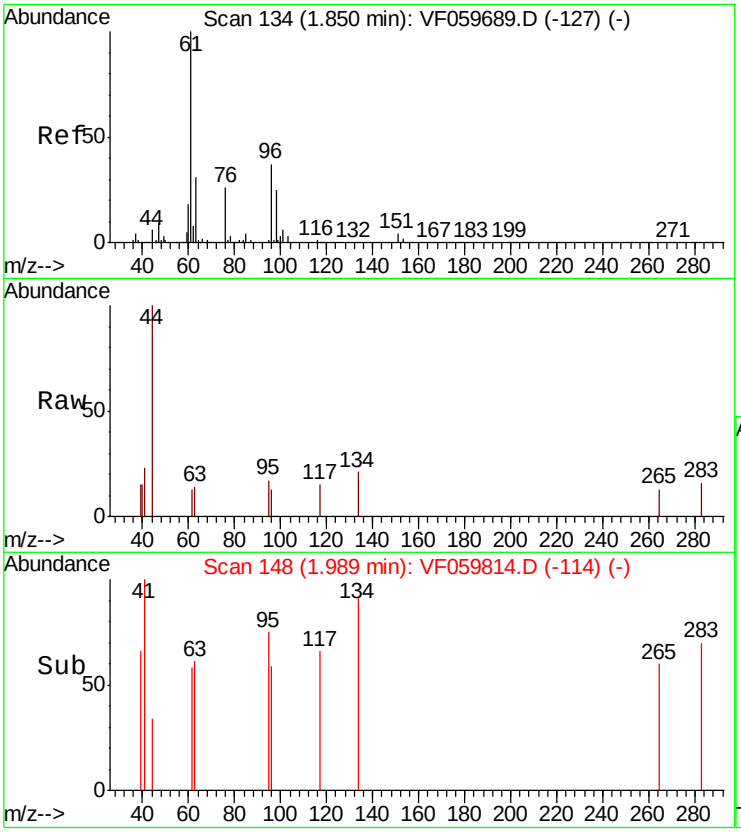


#11
Tert butyl alcohol
Concen: 23.821 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.02 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 59 Resp: 73

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



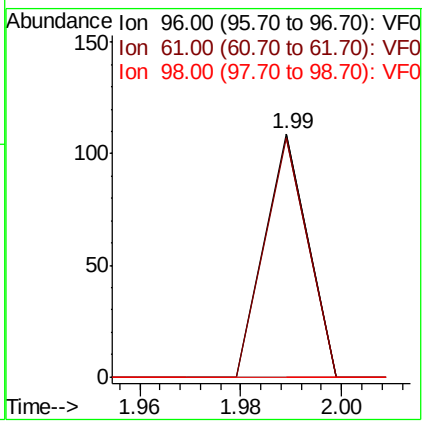


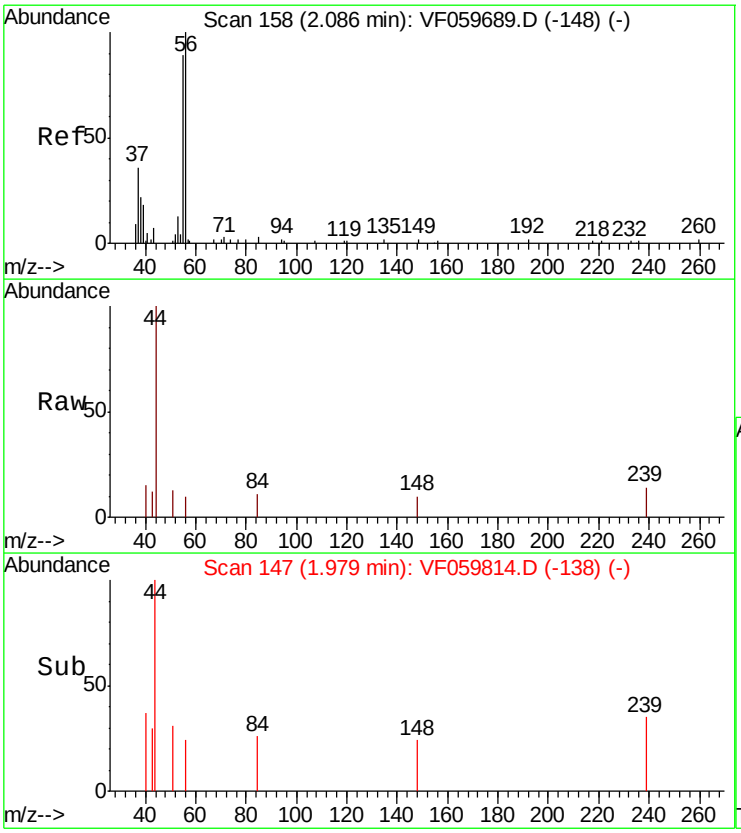
#12
1,1-Dichloroethene
Concen: 2.062 ug/l
RT: 1.99 min Scan# 148
Delta R.T. 0.14 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 96 Resp: 64

Ion	Ratio	Lower	Upper
96	100		
61	98.2	215.1	322.7#
98	0.0	54.3	81.5#

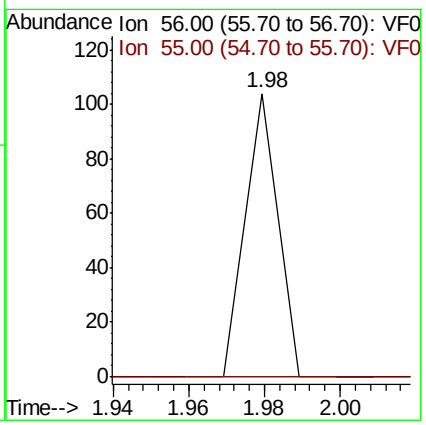


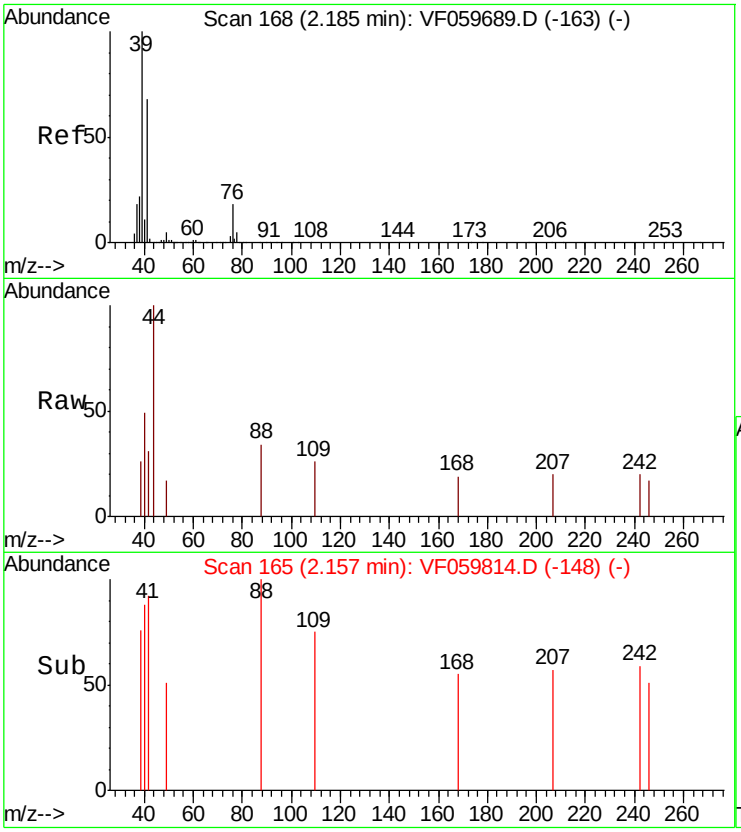


#13
Acrolein
Concen: 53.595 ug/l
RT: 1.98 min Scan# 147
Delta R.T. -0.11 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 56 Resp: 61

Ion	Ratio	Lower	Upper
56	100		
55	100.0	73.2	109.8



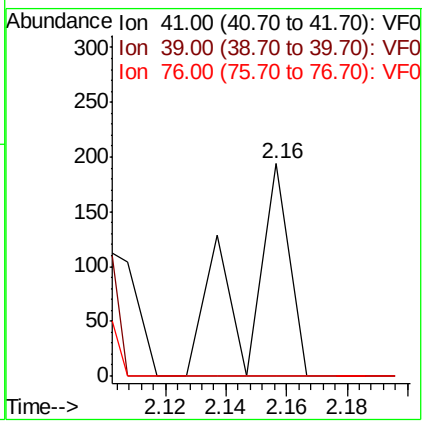


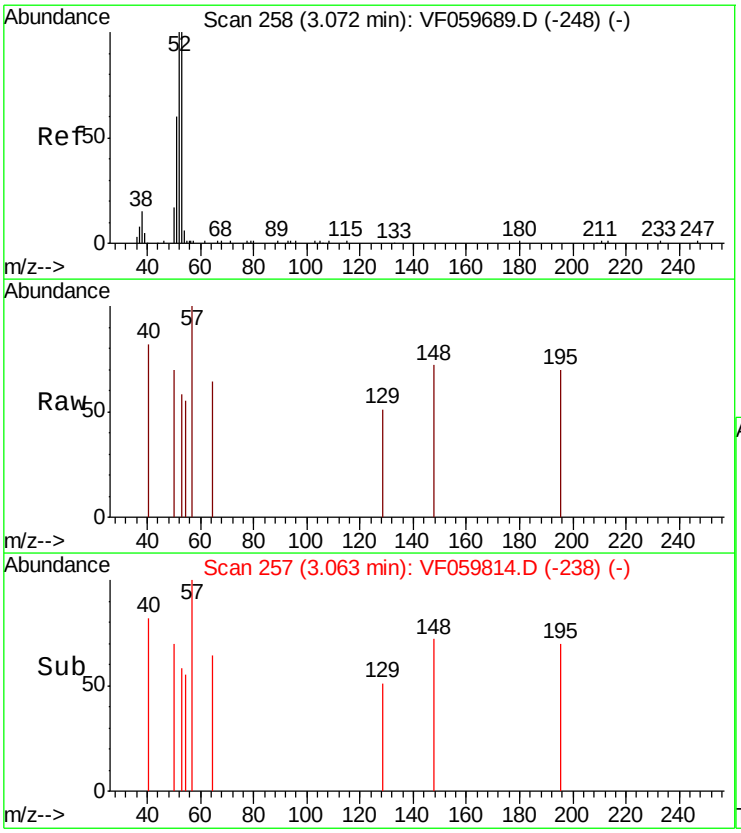
#14
Allyl chloride
Concen: 3.855 ug/l
RT: 2.16 min Scan# 165
Delta R.T. -0.03 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 41 Resp: 191

Ion	Ratio	Lower	Upper
41	100		
39	0.0	118.1	177.1#
76	0.0	22.0	33.0#

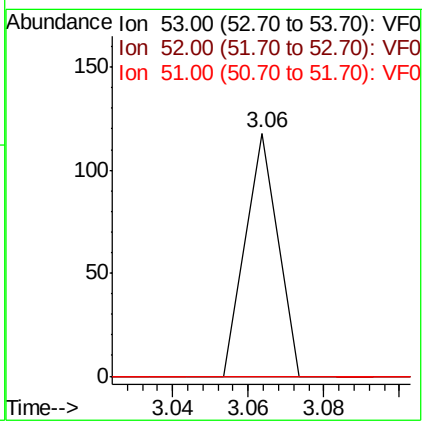


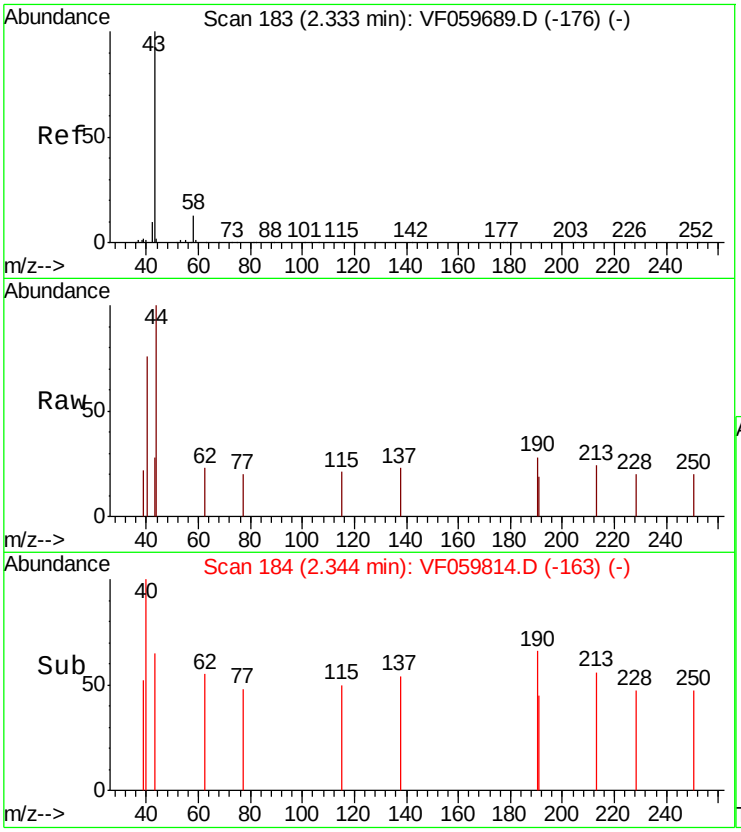


#15
Acrylonitrile
Concen: 15.103 ug/l
RT: 3.06 min Scan# 257
Delta R.T. -0.01 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 53 Resp: 70

Ion	Ratio	Lower	Upper
53	100		
52	0.0	80.3	120.5#
51	0.0	49.4	74.0#



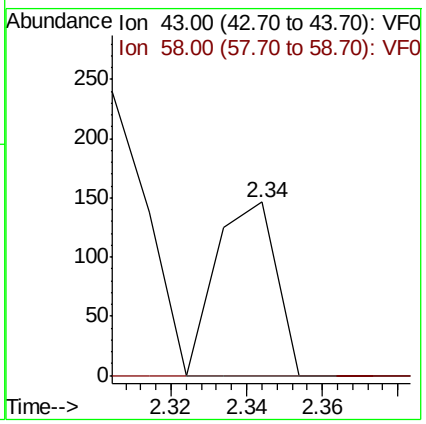


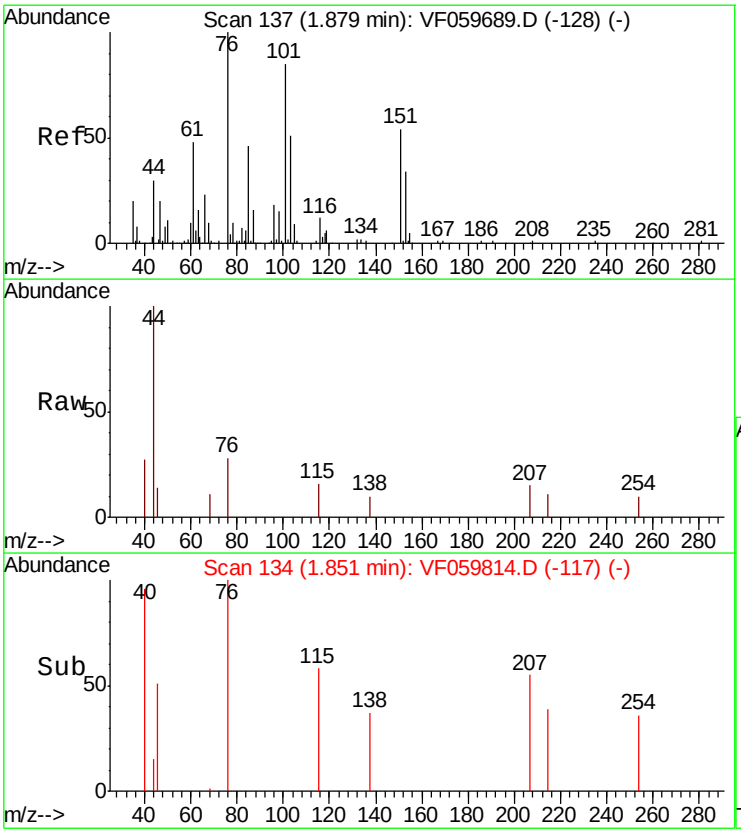
#16
Acetone
Concen: 12.352 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 43 Resp: 160

Ion	Ratio	Lower	Upper
43	100		
58	0.0	10.1	15.1#

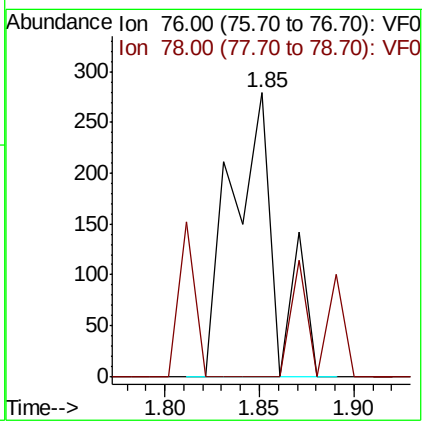


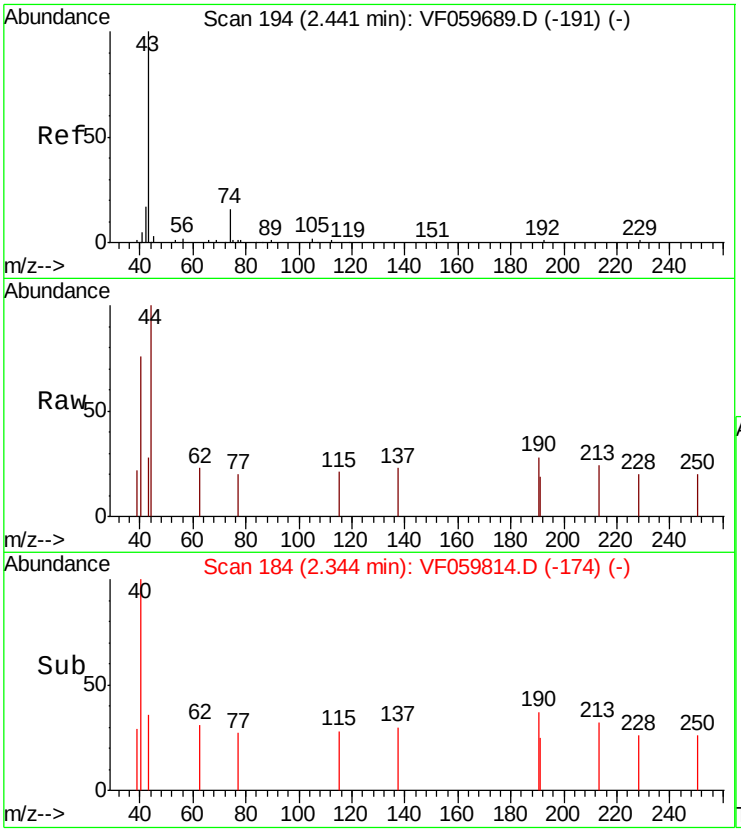


#17
Carbon Disulfide
Concen: 1.971 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.03 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 76 Resp: 462

Ion	Ratio	Lower	Upper
76	100		
78	0.0	8.9	13.3#



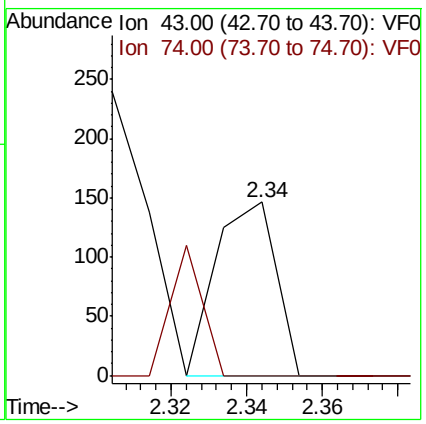


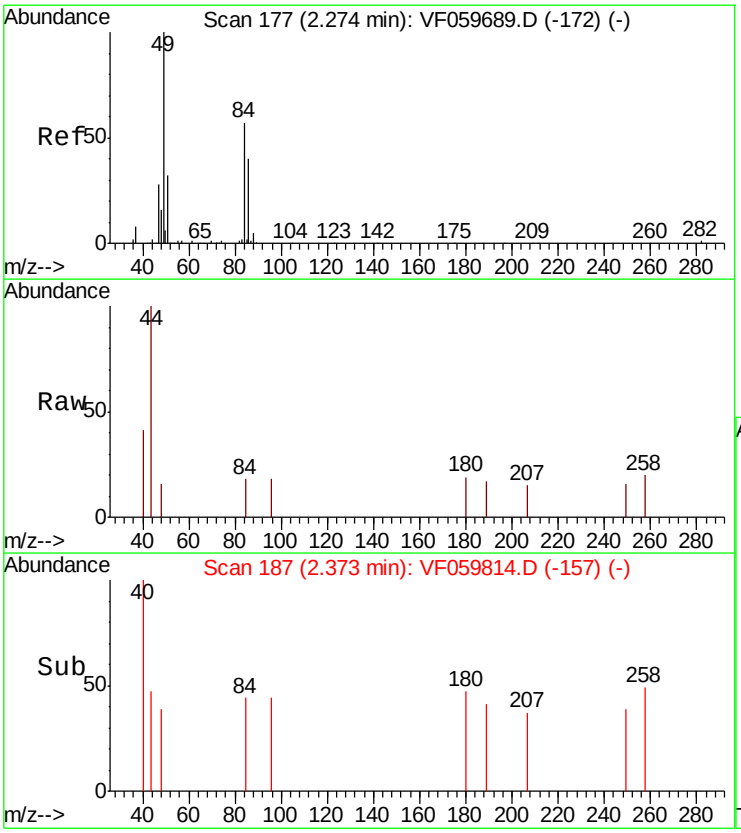
#18
Methyl Acetate
Concen: 3.324 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.10 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 43 Resp: 160

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.8	17.6#

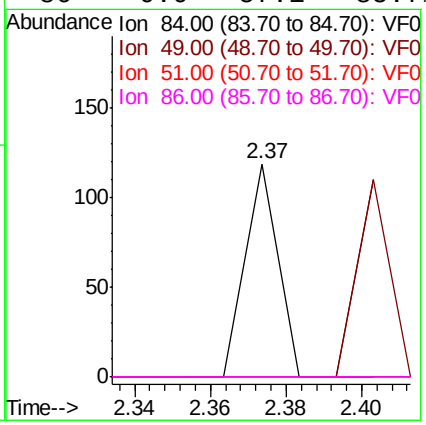


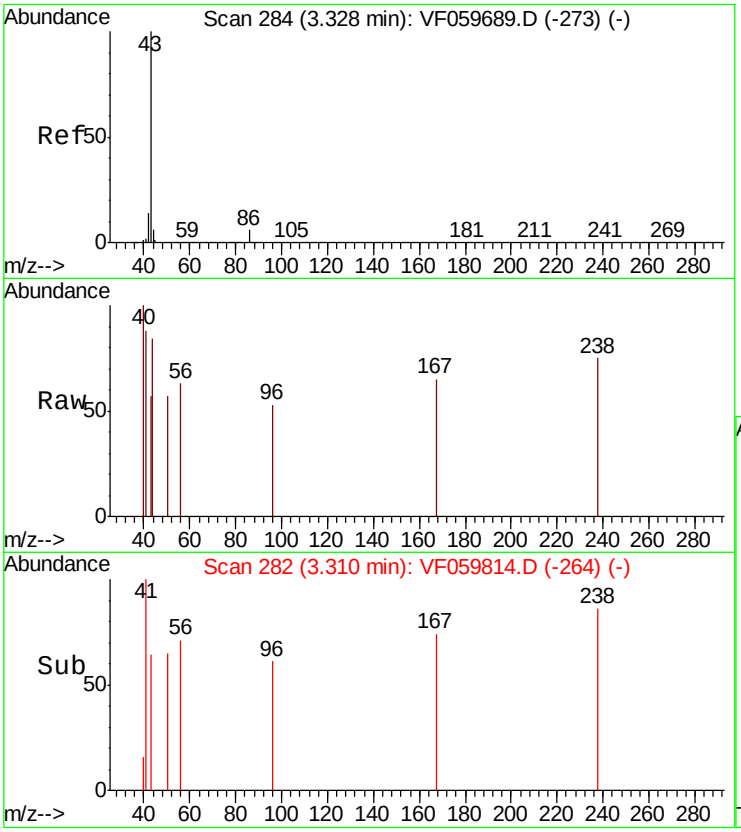


#20
Methylene Chloride
Concen: Below Cal
RT: 2.37 min Scan# 187
Delta R.T. 0.10 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 84 Resp: 70

Ion	Ratio	Lower	Upper
84	100		
49	0.0	142.2	213.4#
51	0.0	46.2	69.2#
86	0.0	57.1	85.7#



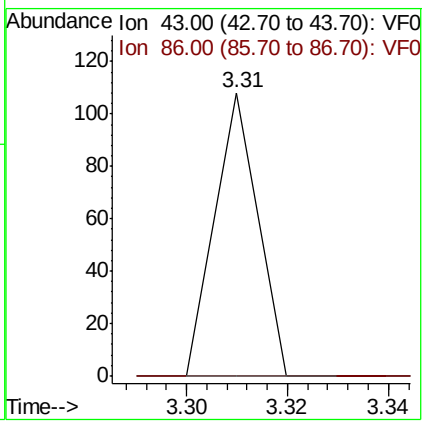


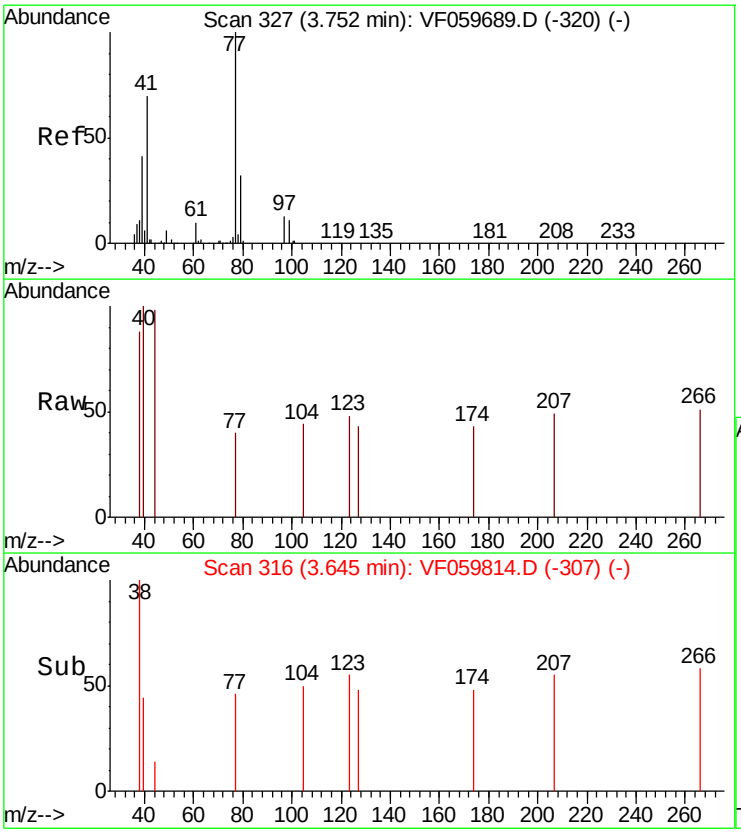
#23
Vinyl Acetate
Concen: 1.188 ug/l
RT: 3.31 min Scan# 282
Delta R.T. -0.02 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 43 Resp: 64

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.6	6.8#

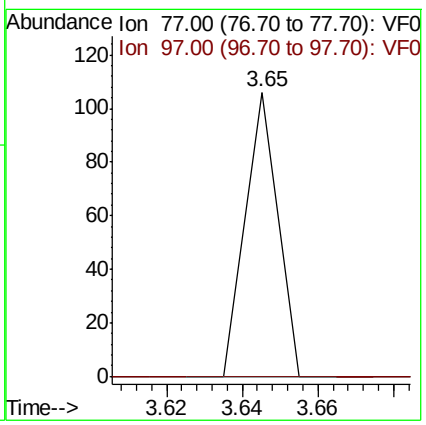


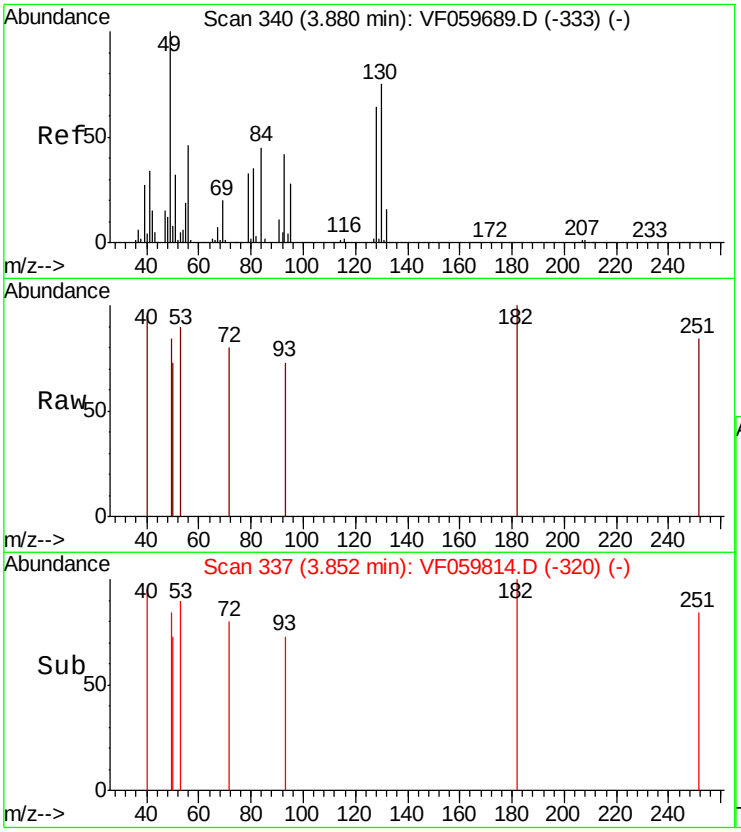


#26
2,2-Dichloropropane
Concen: 1.214 ug/l
RT: 3.65 min Scan# 316
Delta R.T. -0.11 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 77 Resp: 63

Ion	Ratio	Lower	Upper
77	100		
97	0.0	6.8	20.4#



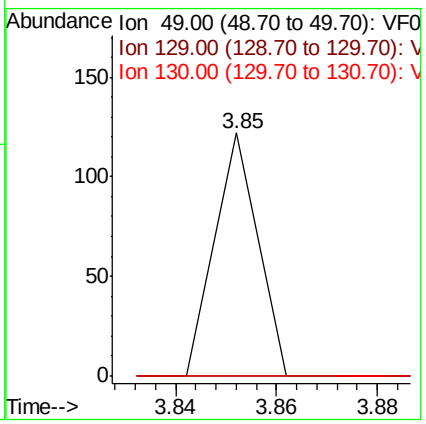


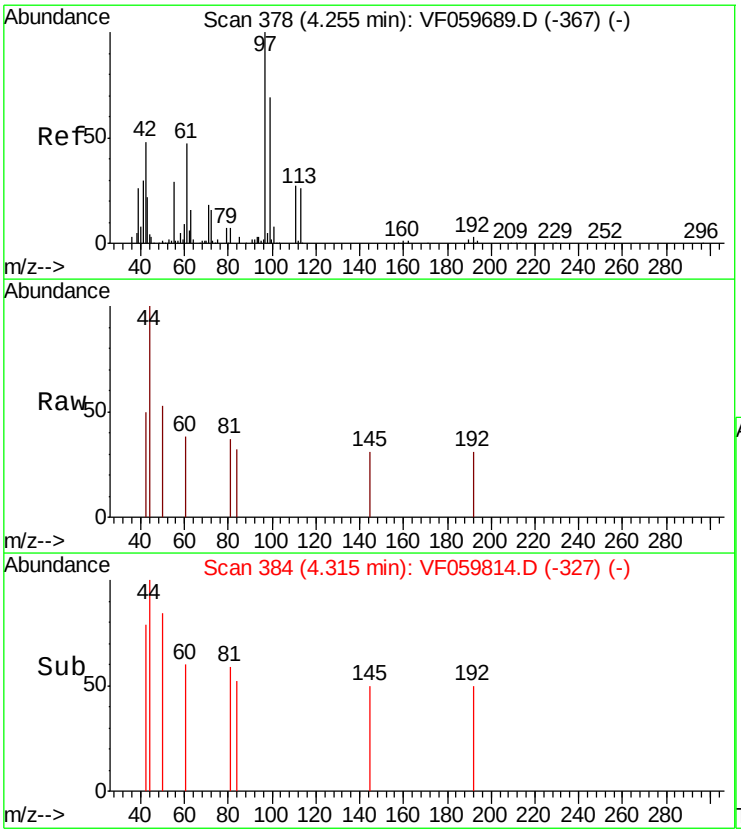
#28
Bromochloromethane
Concen: Below Cal
RT: 3.85 min Scan# 337
Delta R.T. -0.03 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 49 Resp: 72

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	59.6	89.4#

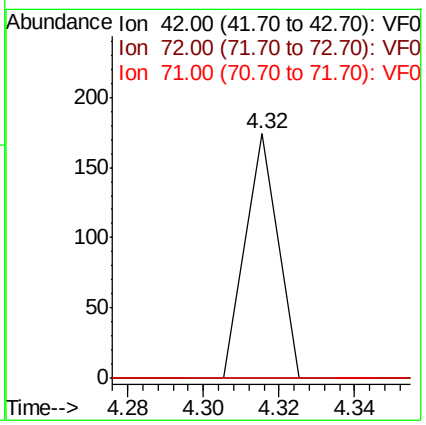


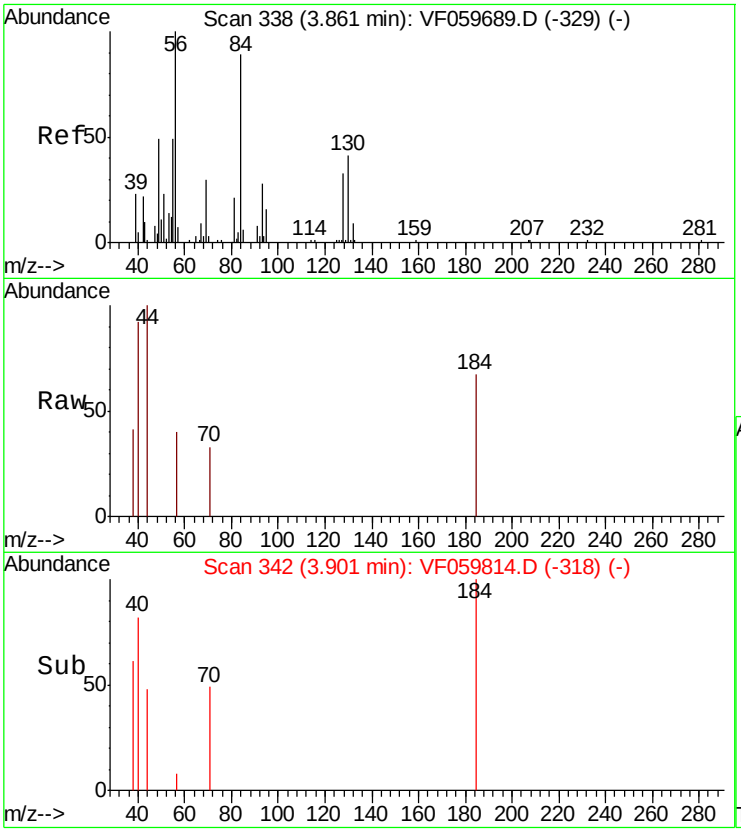


#29
Tetrahydrofuran
Concen: 18.539 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.06 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 42 Resp: 103

Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.0	40.6#
71	0.0	29.7	44.5#



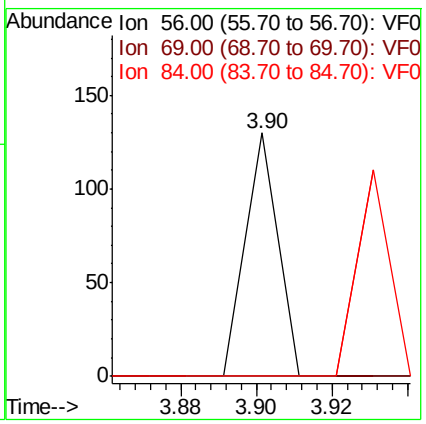


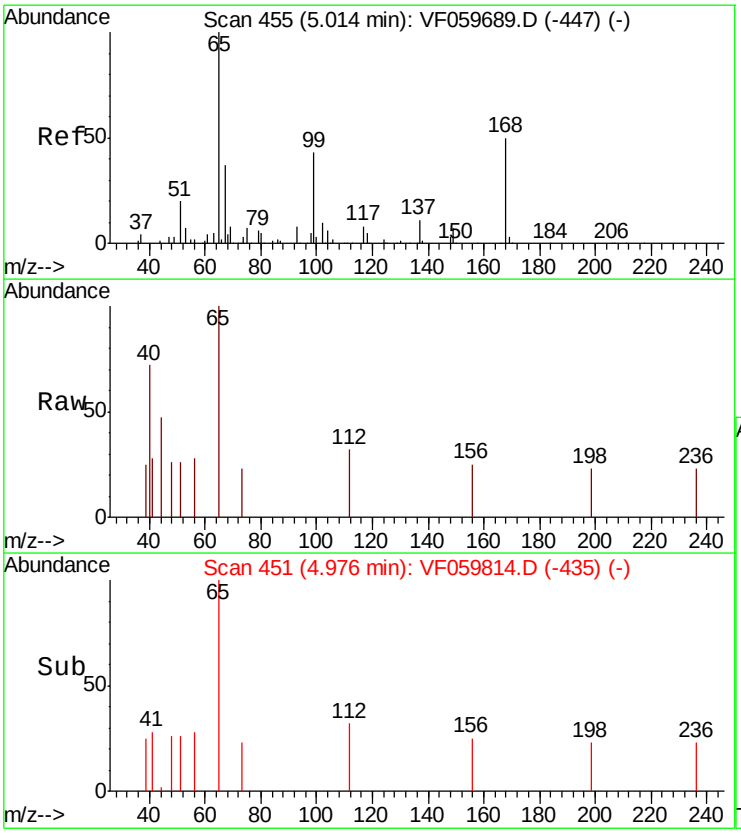
#31
Cyclohexane
Concen: Below Cal
RT: 3.90 min Scan# 342
Delta R.T. 0.04 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 56 Resp: 77

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.7	35.5#
84	0.0	71.1	106.7#

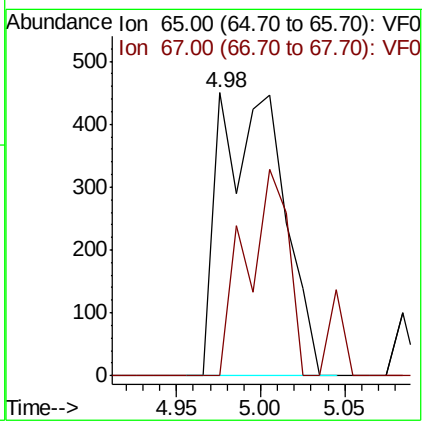


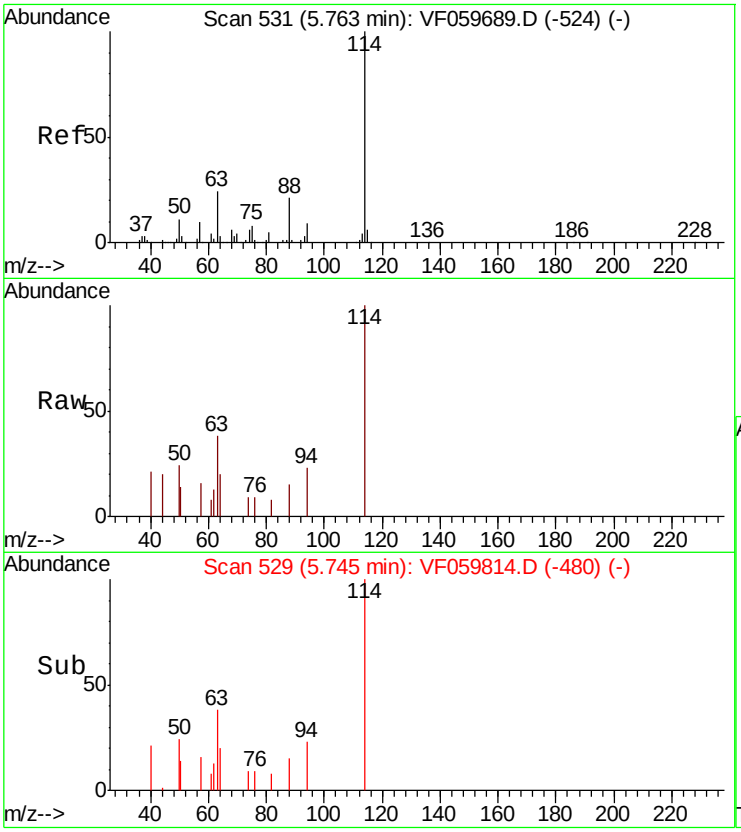


#33
1,2-Dichloroethane-d4
Concen: 16.358 ug/l
RT: 4.98 min Scan# 451
Delta R.T. -0.04 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 65 Resp: 1178

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	84.6



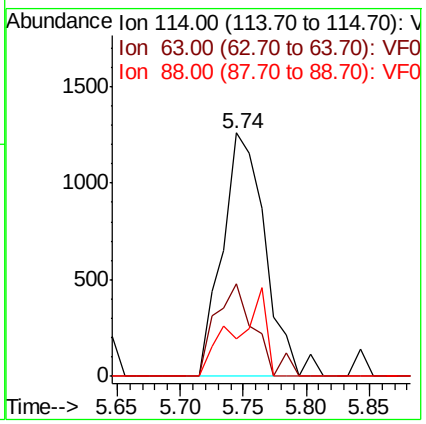


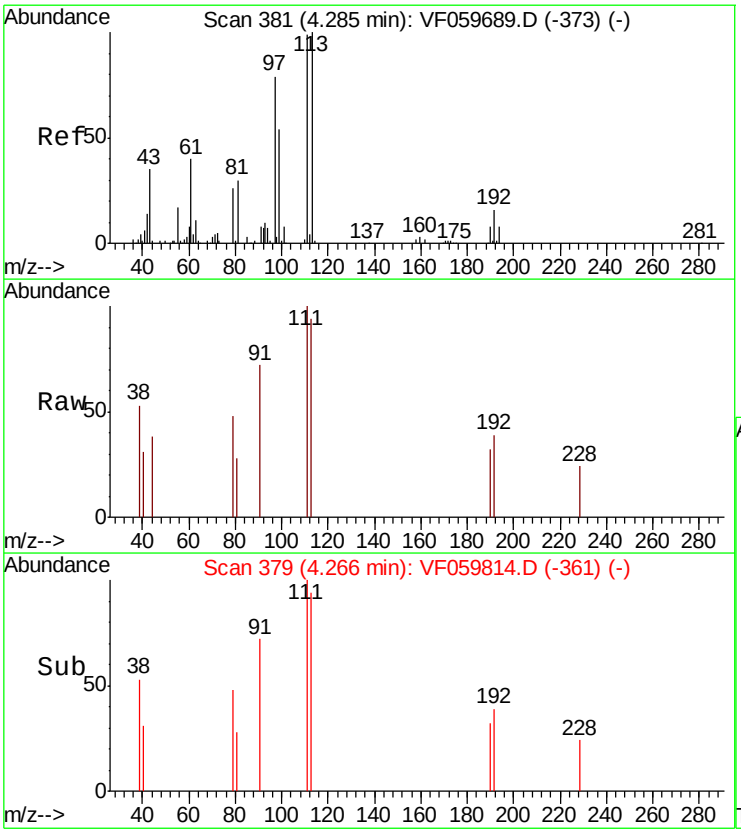
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.74 min Scan# 529
Delta R.T. -0.02 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:114 Resp: 2967

Ion	Ratio	Lower	Upper
114	100		
63	37.8	0.0	47.4
88	15.3	0.0	41.2

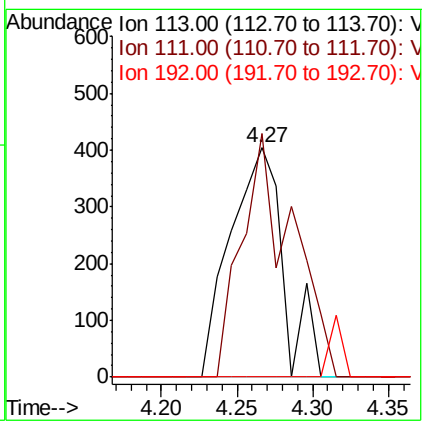


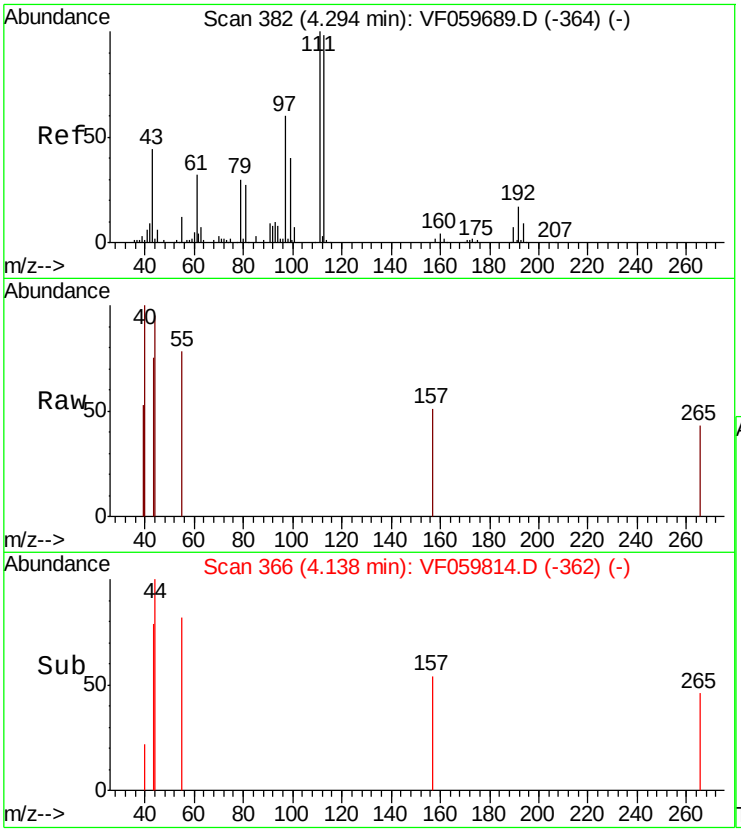


#35
Dibromofluoromethane
Concen: 32.093 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.02 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion:113 Resp: 989

Ion	Ratio	Lower	Upper
113	100		
111	106.2	79.0	118.4
192	0.0	13.2	19.8#



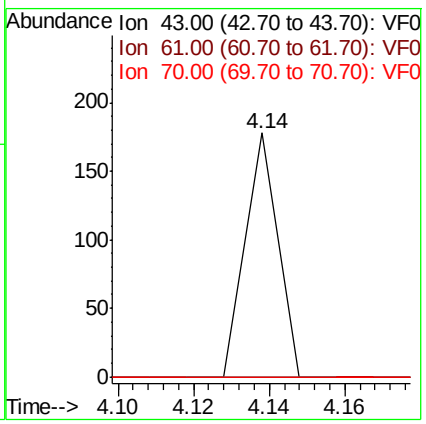


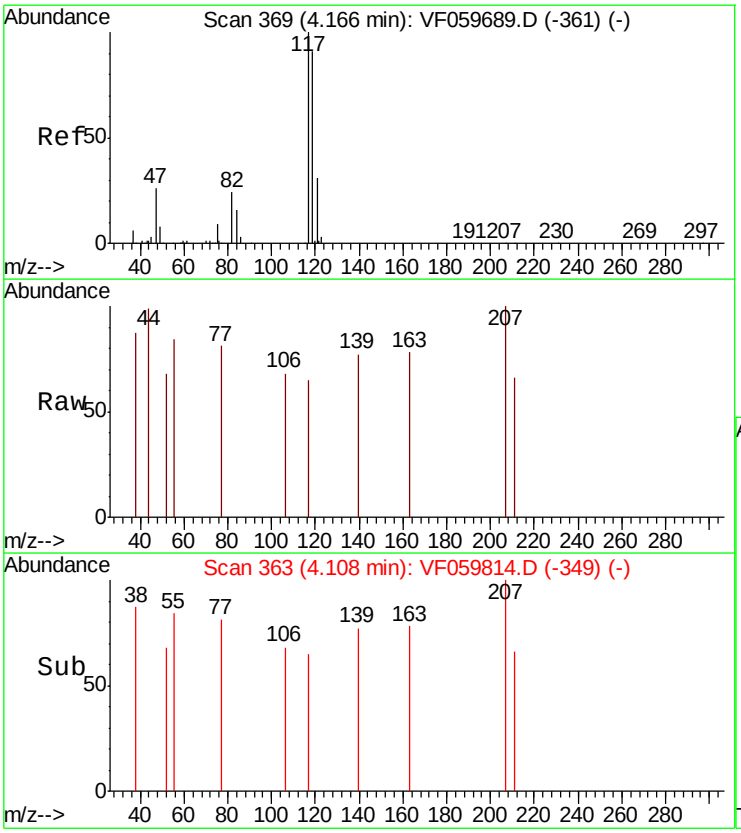
#37
Ethyl Acetate
Concen: 2.706 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.16 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 43 Resp: 105

Ion	Ratio	Lower	Upper
43	100		
61	0.0	58.2	87.2#
70	0.0	6.0	9.0#

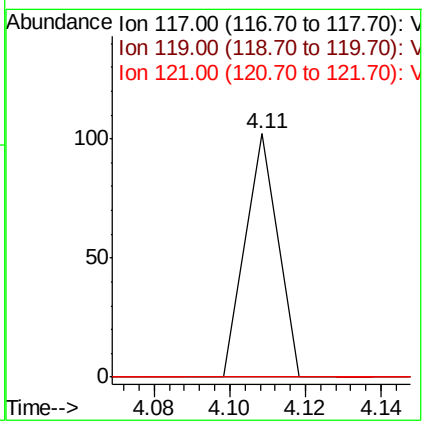


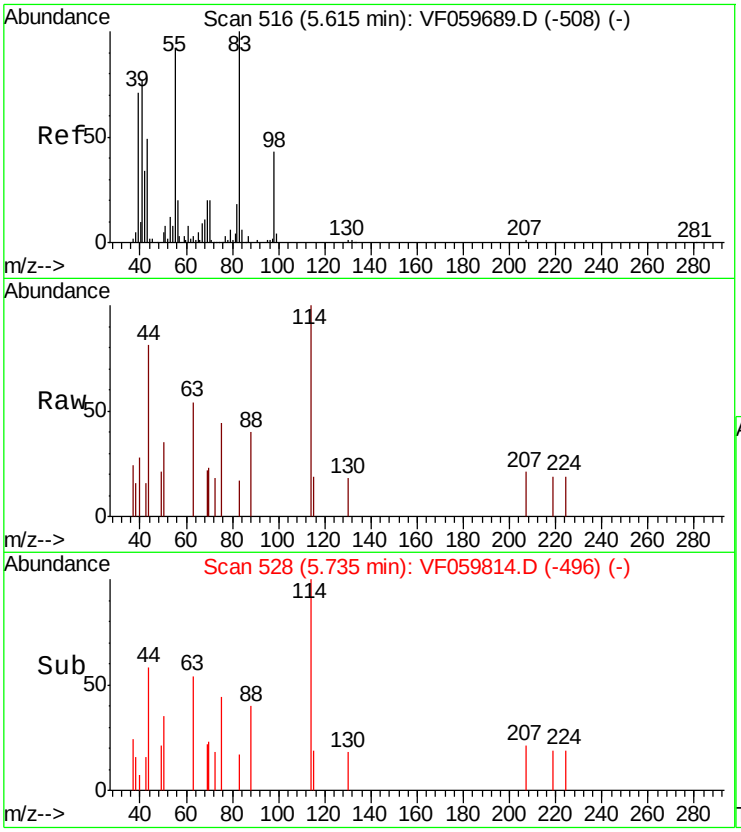


#38
Carbon Tetrachloride
Concen: 1.272 ug/l
RT: 4.11 min Scan# 363
Delta R.T. -0.06 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion:117 Resp: 60

Ion	Ratio	Lower	Upper
117	100		
119	0.0	72.9	109.3#
121	0.0	25.0	37.4#



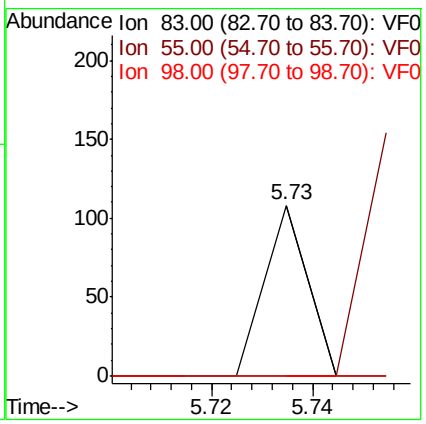


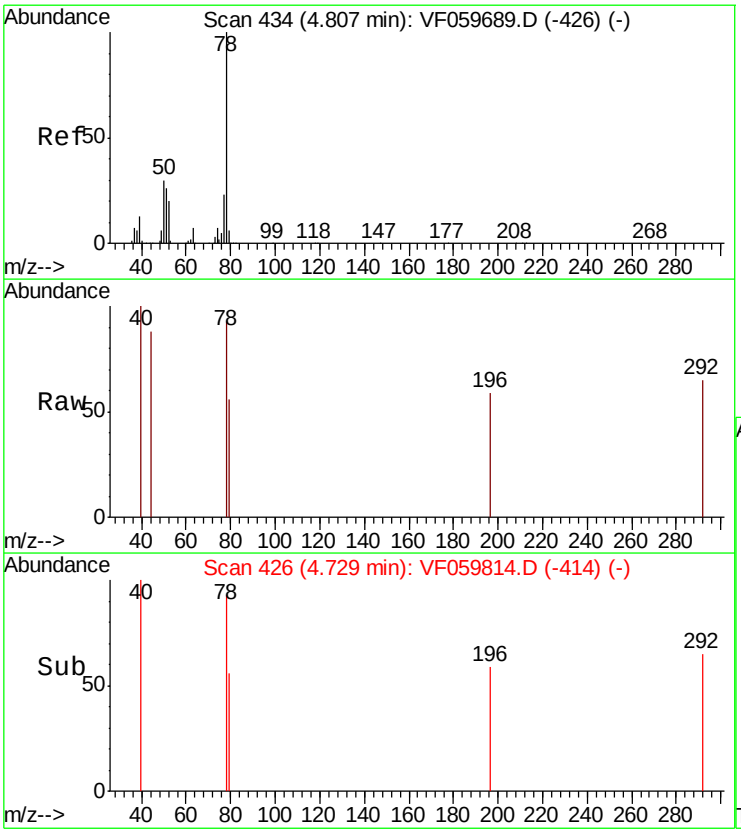
#39
Methylcyclohexane
Concen: Below Cal
RT: 5.73 min Scan# 528
Delta R.T. 0.12 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 83 Resp: 64

Ion	Ratio	Lower	Upper
83	100		
55	0.0	73.4	110.2#
98	0.0	34.2	51.4#

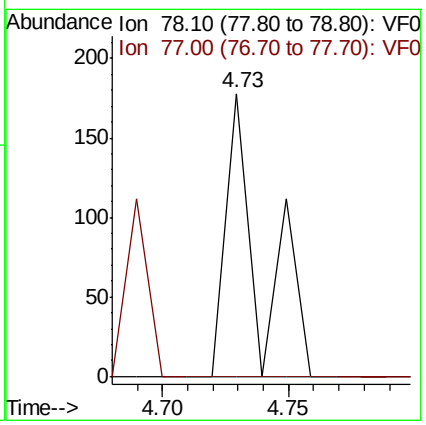


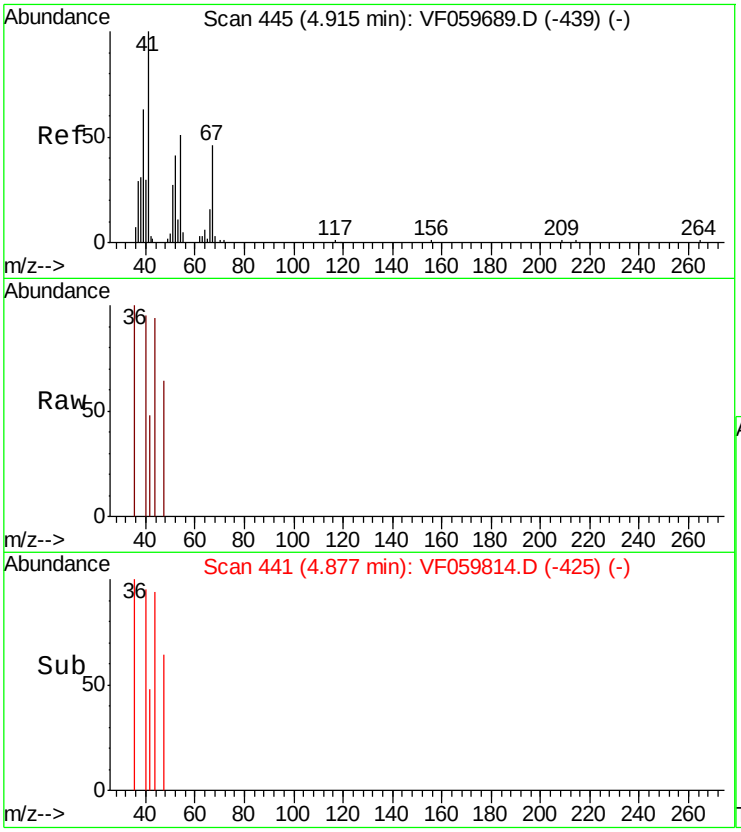


#40
Benzene
Concen: 2.871 ug/l
RT: 4.73 min Scan# 426
Delta R.T. -0.08 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 78 Resp: 172

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.9	28.3#



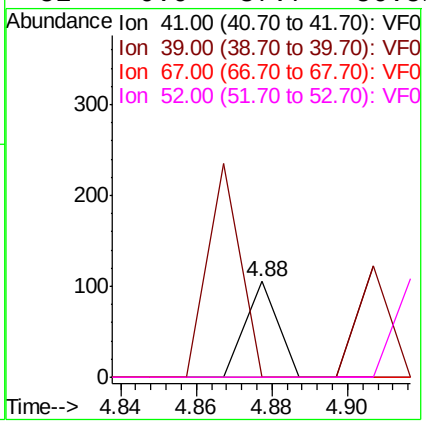


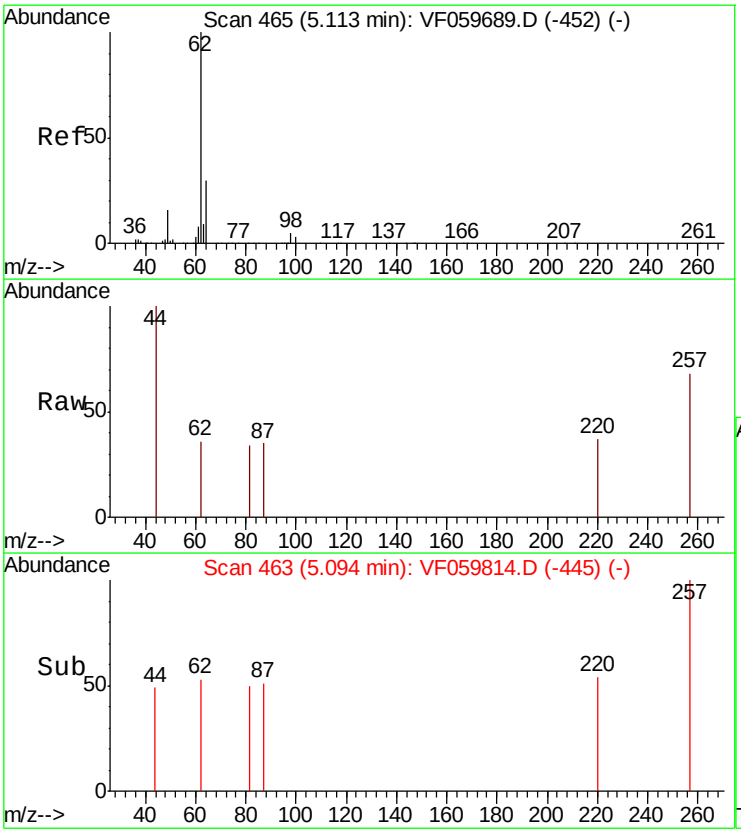
#41
Methacrylonitrile
Concen: 5.819 ug/l
RT: 4.88 min Scan# 441
Delta R.T. -0.04 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 41 Resp: 62

Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.2	82.8#
67	0.0	36.2	54.2#
52	0.0	37.7	56.5#

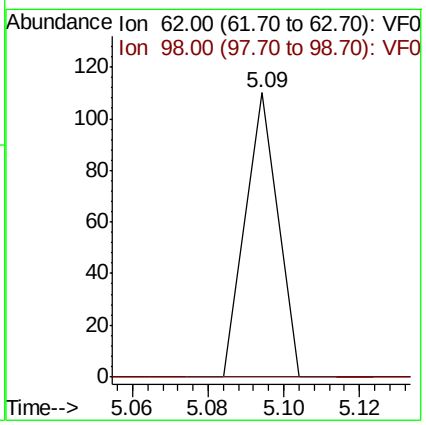


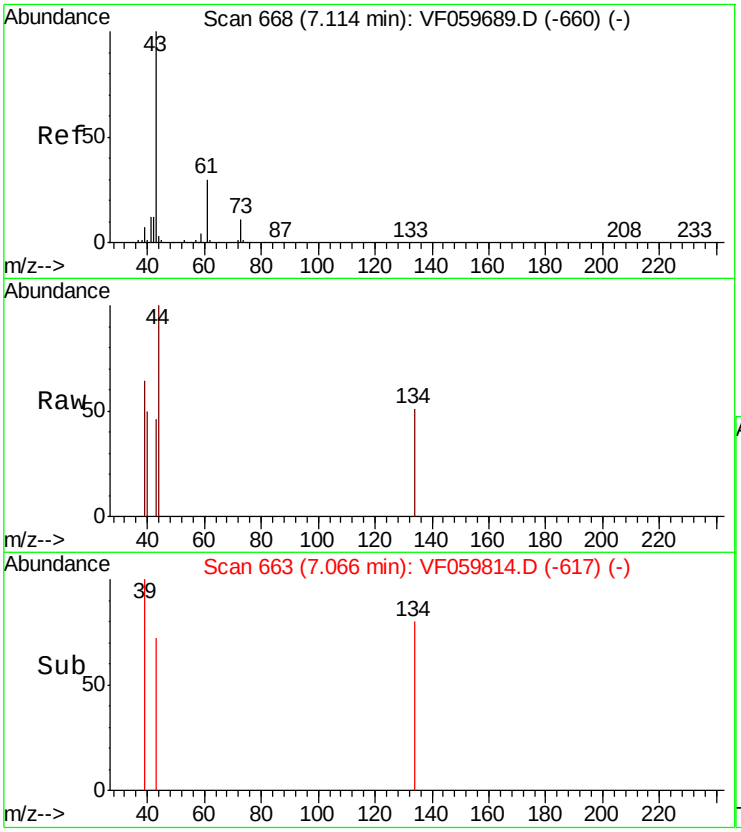


#42
1,2-Dichloroethane
Concen: 1.550 ug/l
RT: 5.09 min Scan# 463
Delta R.T. -0.02 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 62 Resp: 65

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	9.6



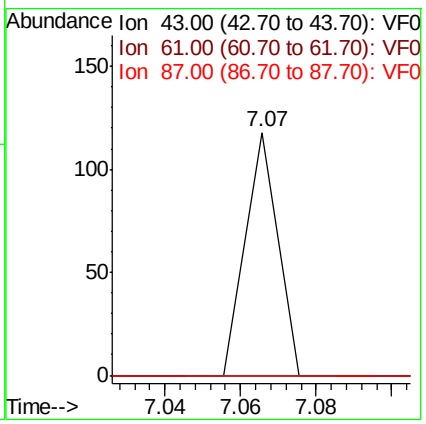


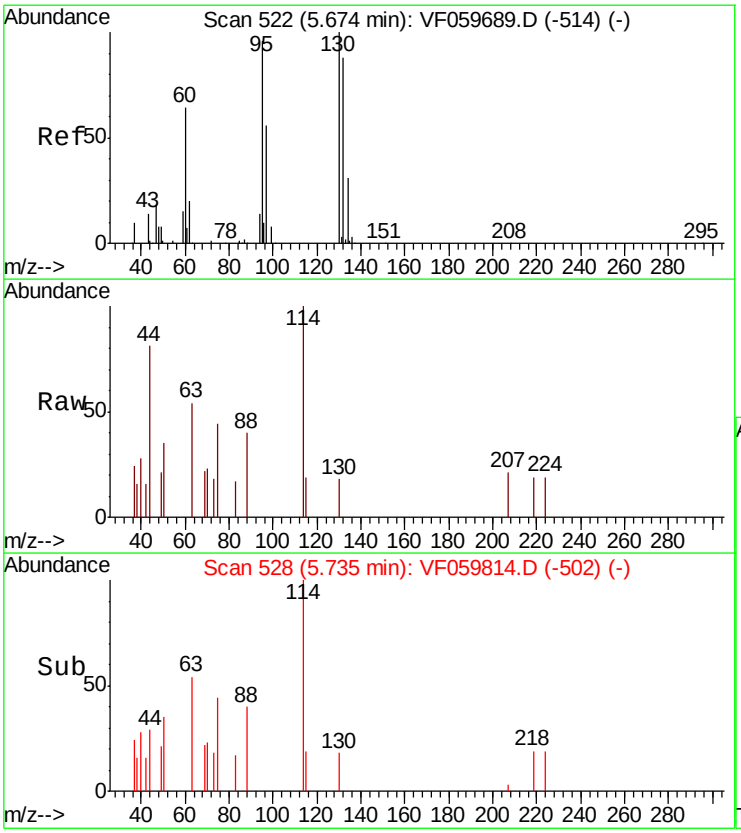
#43
Isopropyl Acetate
Concen: 3.946 ug/l
RT: 7.07 min Scan# 663
Delta R.T. -0.05 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 43 Resp: 70

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	0.6	1.0#

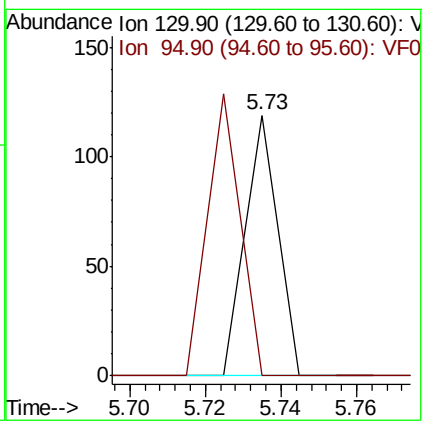


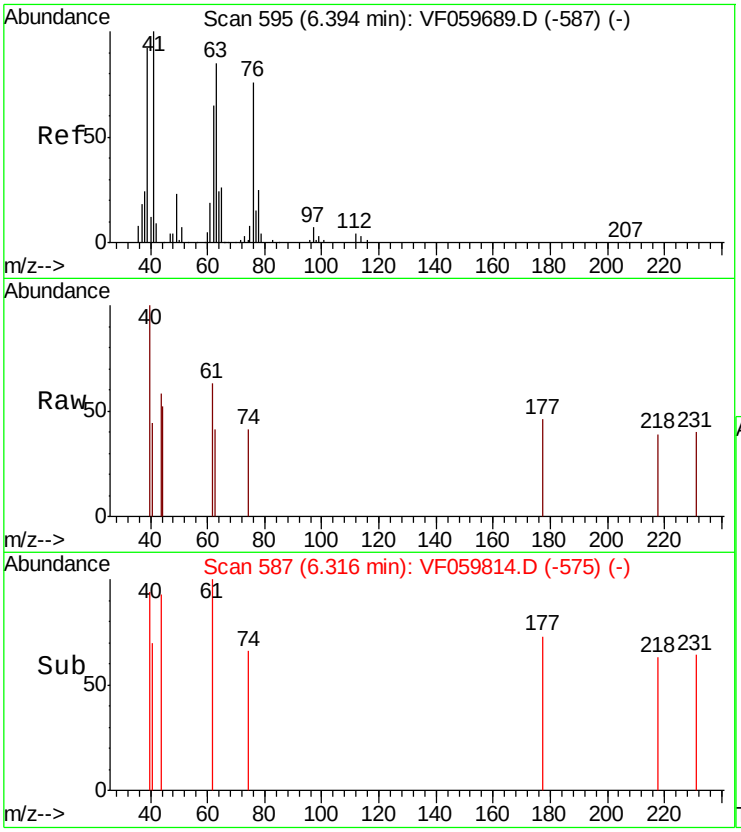


#44
Trichloroethene
Concen: Below Cal
RT: 5.73 min Scan# 528
Delta R.T. 0.06 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion:130 Resp: 70

Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	191.0



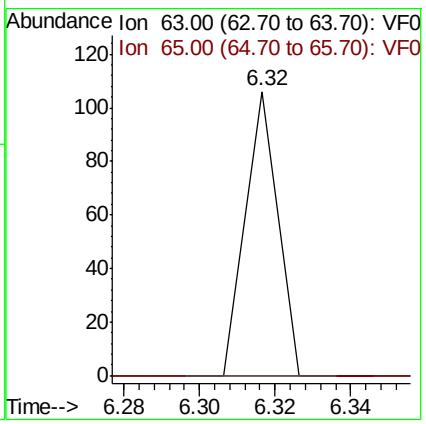


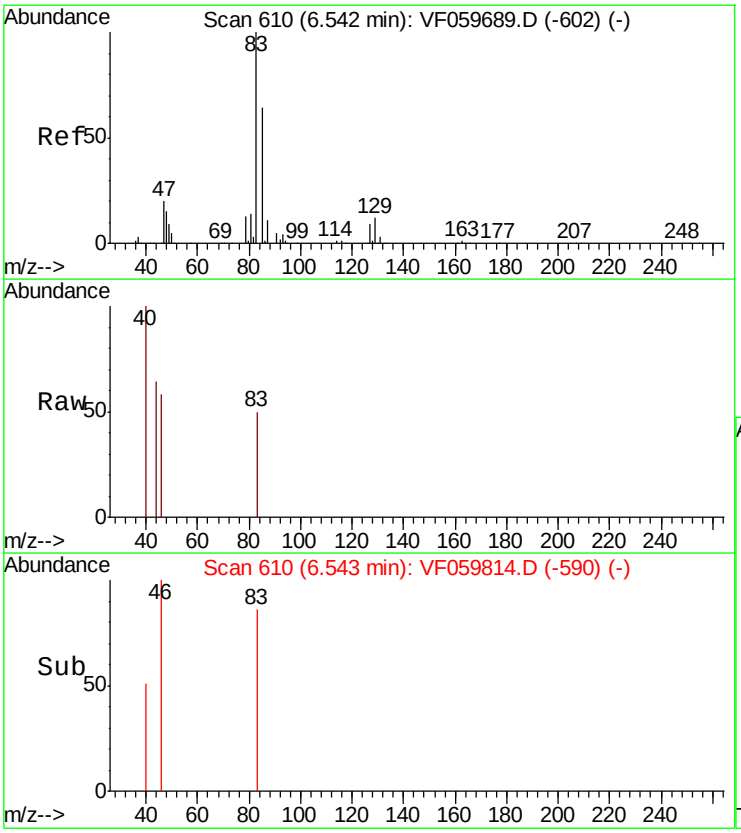
#45
1,2-Dichloropropane
Concen: 3.981 ug/l
RT: 6.32 min Scan# 587
Delta R.T. -0.08 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 63 Resp: 63

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.2	37.8#

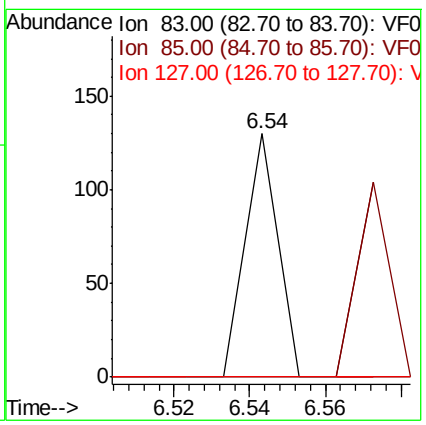


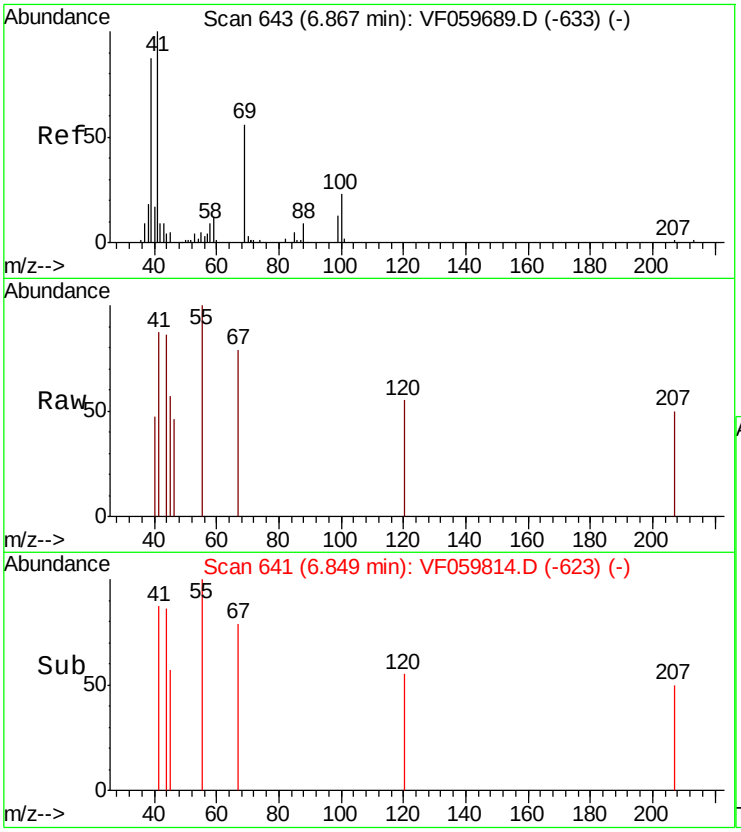


#47
Bromodichloromethane
Concen: 1.882 ug/l
RT: 6.54 min Scan# 610
Delta R.T. 0.00 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 83 Resp: 77

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.0	76.6#
127	0.0	7.3	10.9#



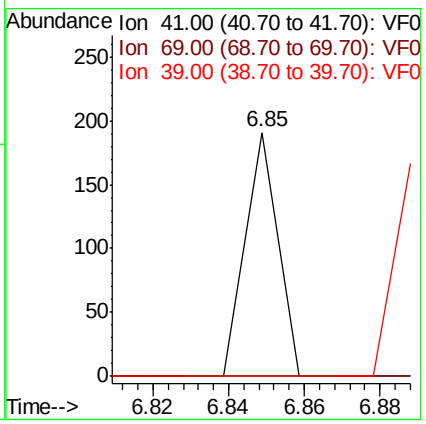


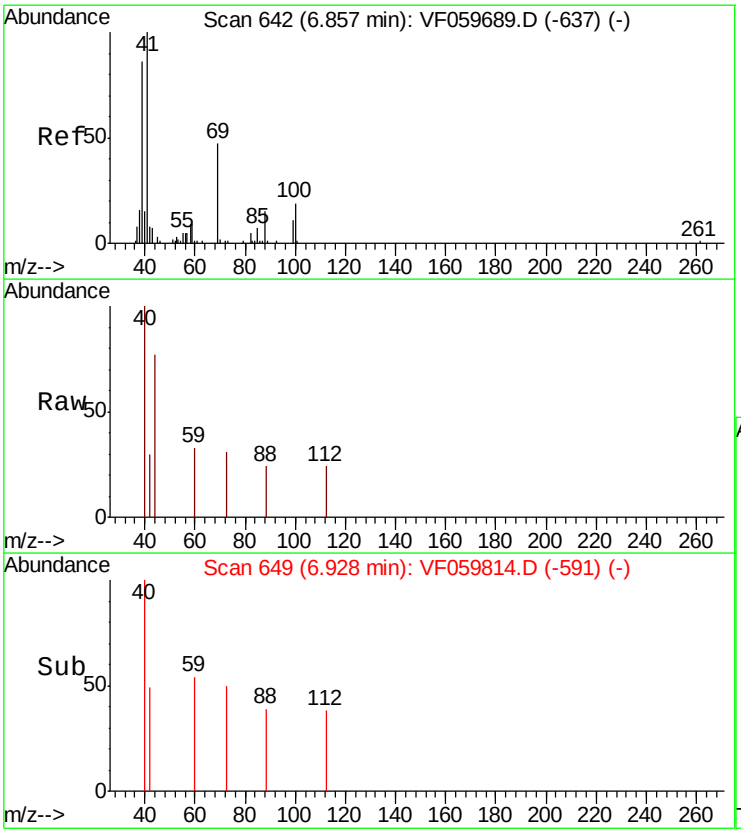
#48
Methyl methacrylate
Concen: 8.468 ug/l
RT: 6.85 min Scan# 641
Delta R.T. -0.02 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 41 Resp: 113

Ion	Ratio	Lower	Upper
41	100		
69	0.0	44.4	66.6#
39	0.0	69.4	104.2#

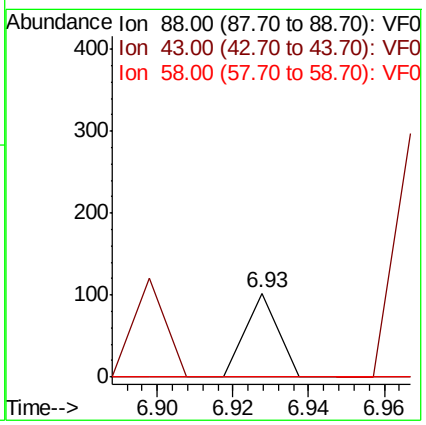


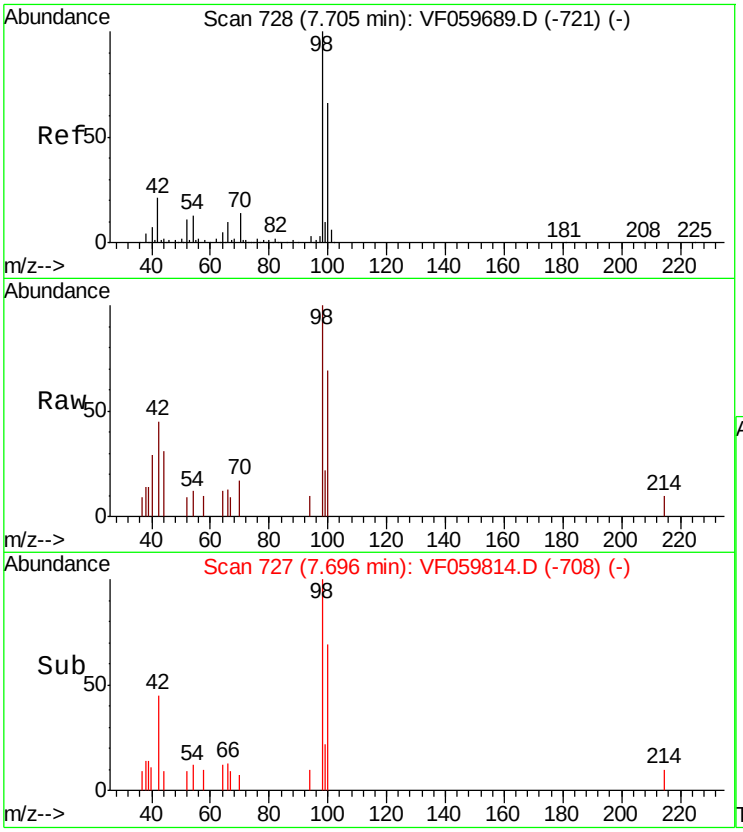


#49
1,4-Dioxane
Concen: 699.956 ug/l
RT: 6.93 min Scan# 649
Delta R.T. 0.07 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	0.0	45.2	67.8#
58	0.0	49.0	73.6#



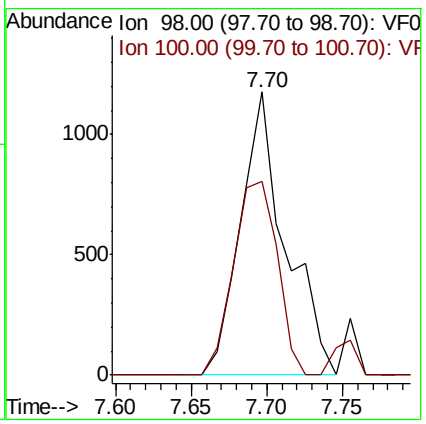


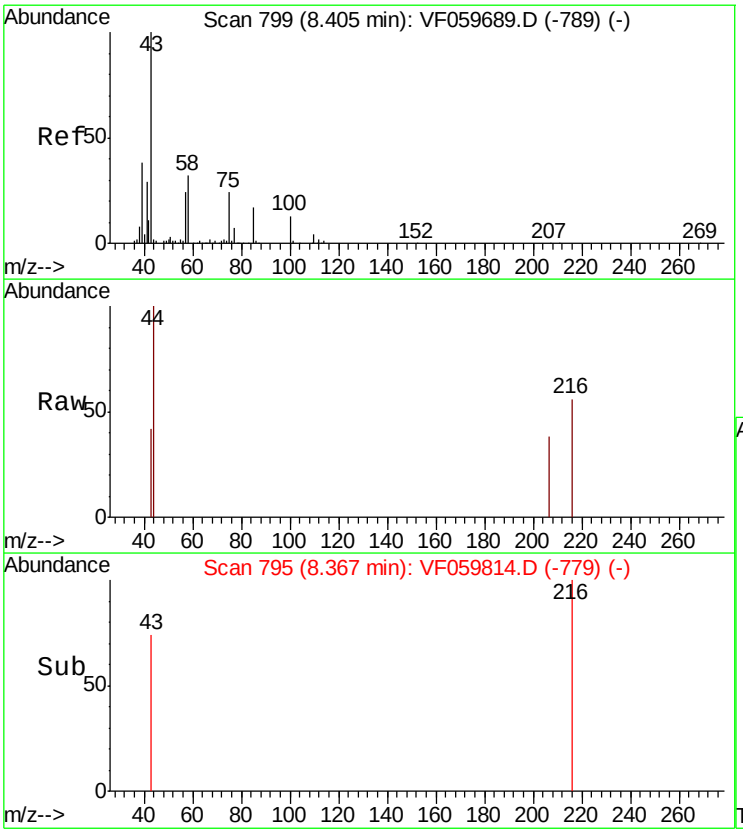
#50
Toluene-d8
Concen: 34.037 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 98 Resp: 2446

Ion	Ratio	Lower	Upper
98	100		
100	68.5	52.8	79.2

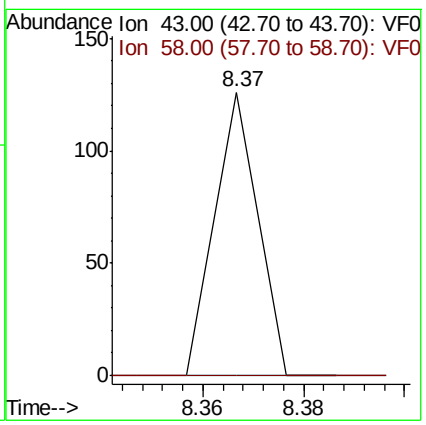


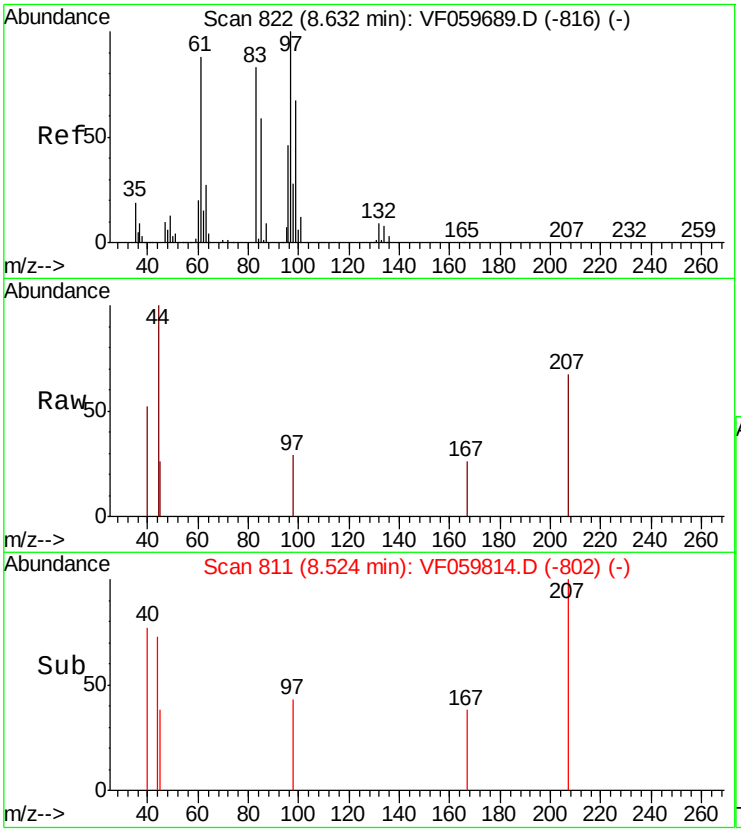


#51
4-Methyl-2-Pentanone
Concen: 5.557 ug/l
RT: 8.37 min Scan# 795
Delta R.T. -0.04 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 43 Resp: 75

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.9	38.9#



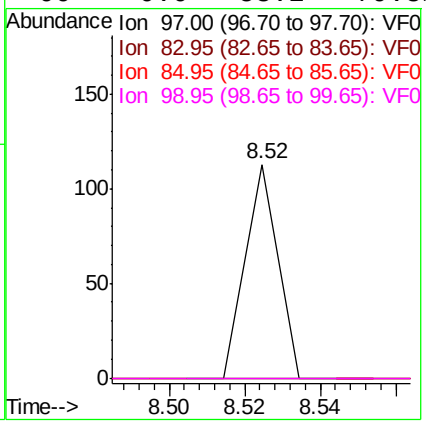


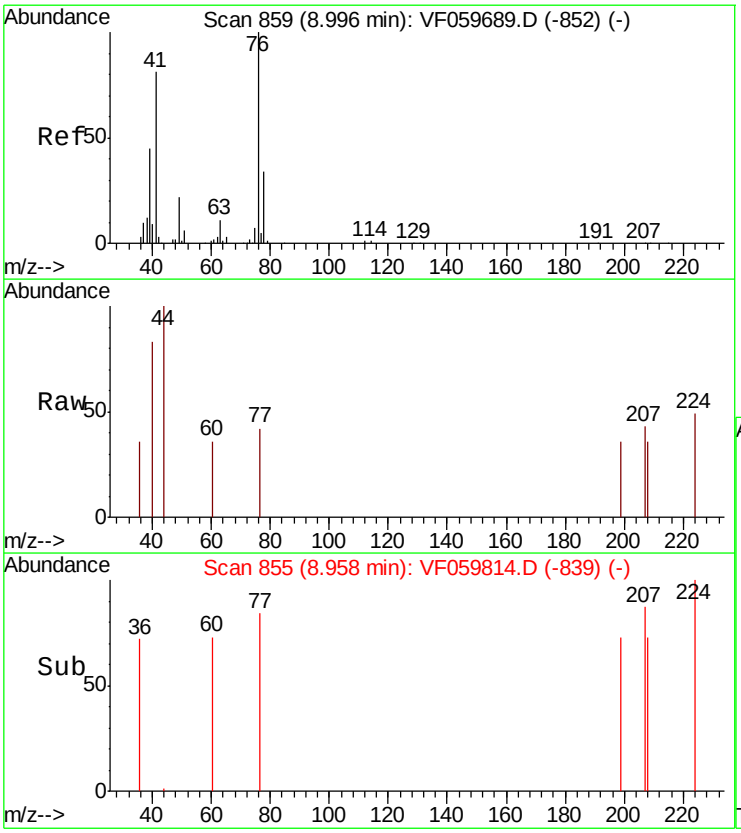
#55
1,1,2-Trichloroethane
Concen: 4.129 ug/l
RT: 8.52 min Scan# 811
Delta R.T. -0.11 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 97 Resp: 67

Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.6	100.0#
85	0.0	47.4	71.0#
99	0.0	53.2	79.8#

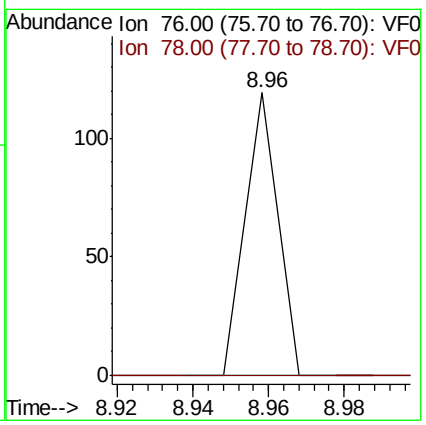


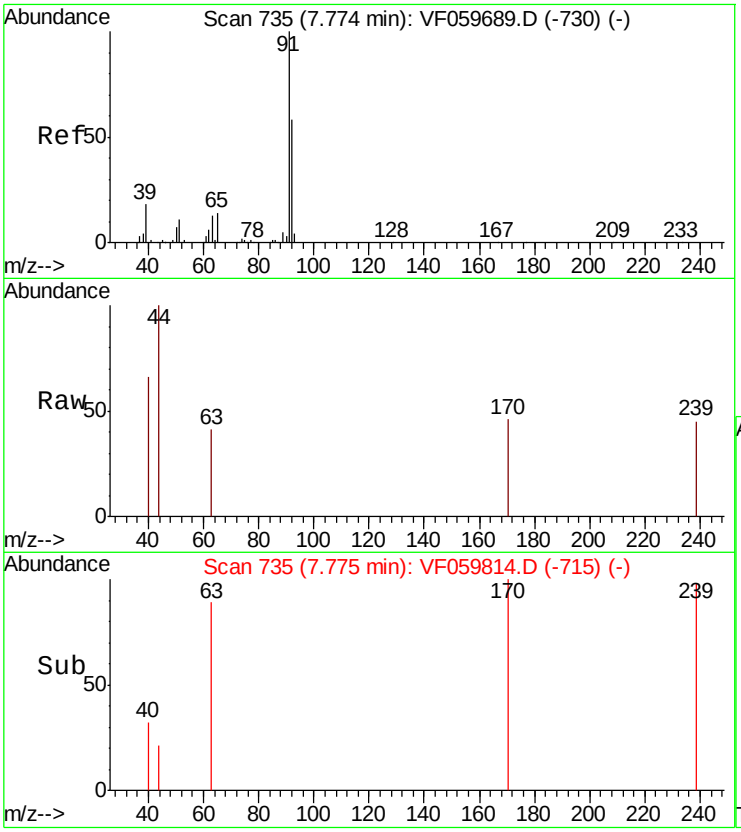


#57
1,3-Dichloropropane
Concen: 2.514 ug/l
RT: 8.96 min Scan# 855
Delta R.T. -0.04 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 76 Resp: 70

Ion	Ratio	Lower	Upper
76	100		
78	0.0	27.2	40.8#



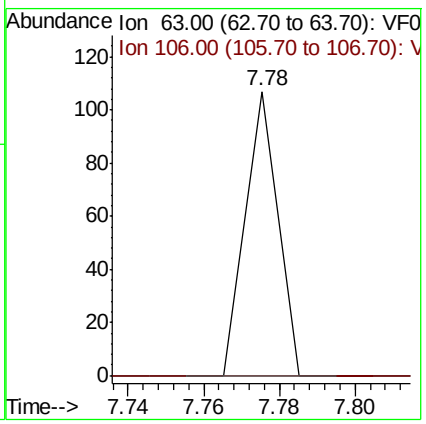


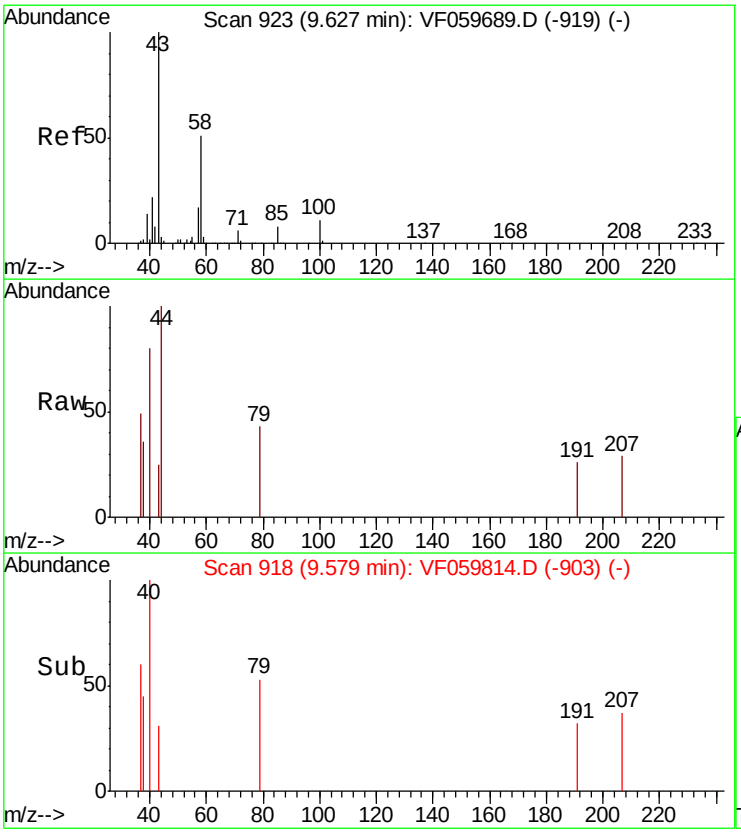
#58
2-Chloroethyl Vinyl ether
Concen: 32.242 ug/l
RT: 7.78 min Scan# 735
Delta R.T. 0.00 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 63 Resp: 63

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

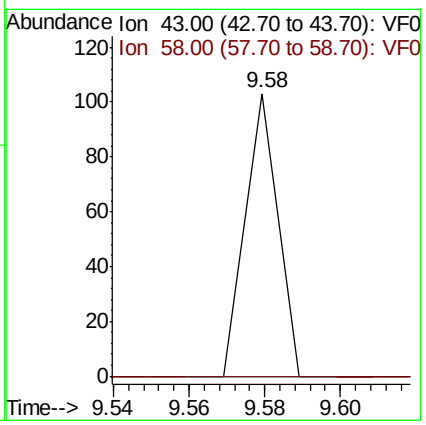


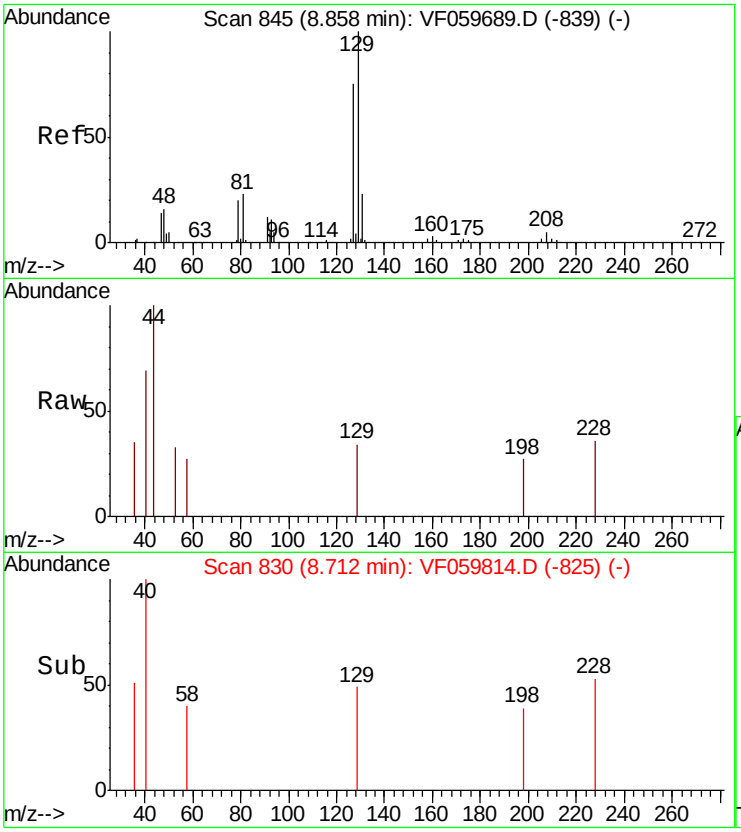


#59
2-Hexanone
Concen: 5.640 ug/l
RT: 9.58 min Scan# 918
Delta R.T. -0.05 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 43 Resp: 61

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	69.8#



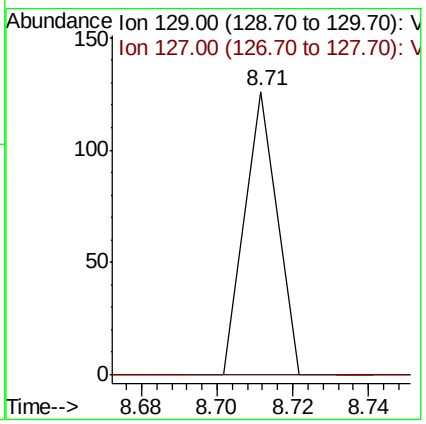


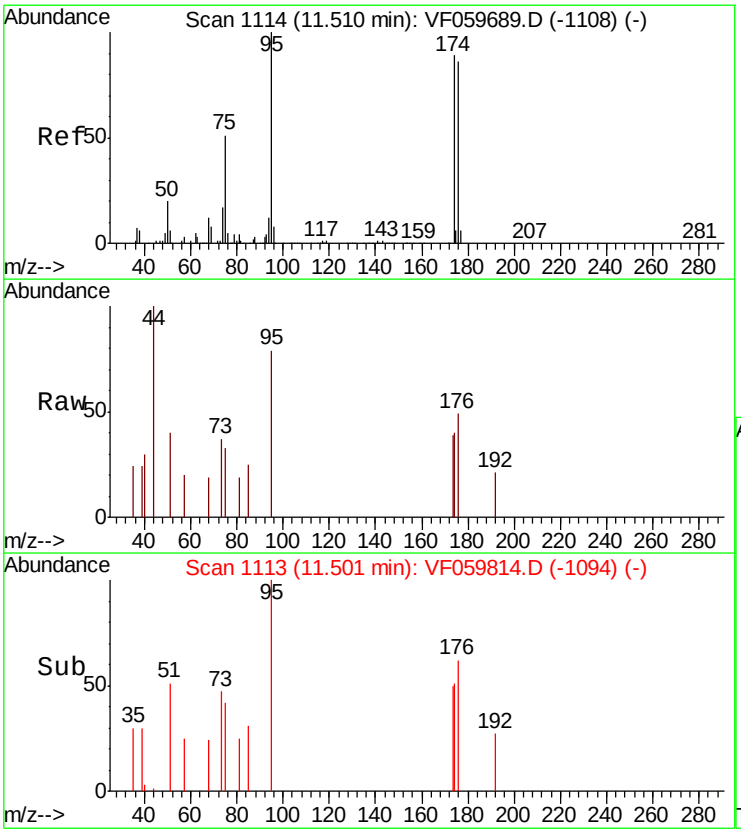
#60
Dibromochloromethane
Concen: 2.619 ug/l
RT: 8.71 min Scan# 830
Delta R.T. -0.15 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:129 Resp: 75

Ion	Ratio	Lower	Upper
129	100		
127	0.0	37.7	113.1#

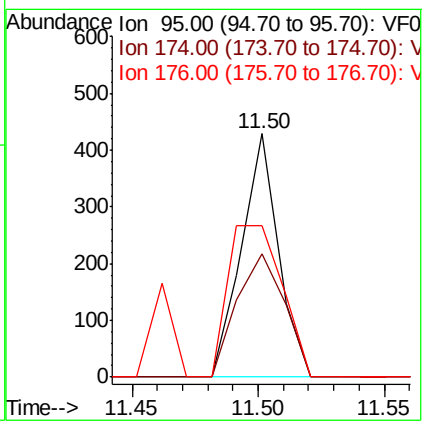


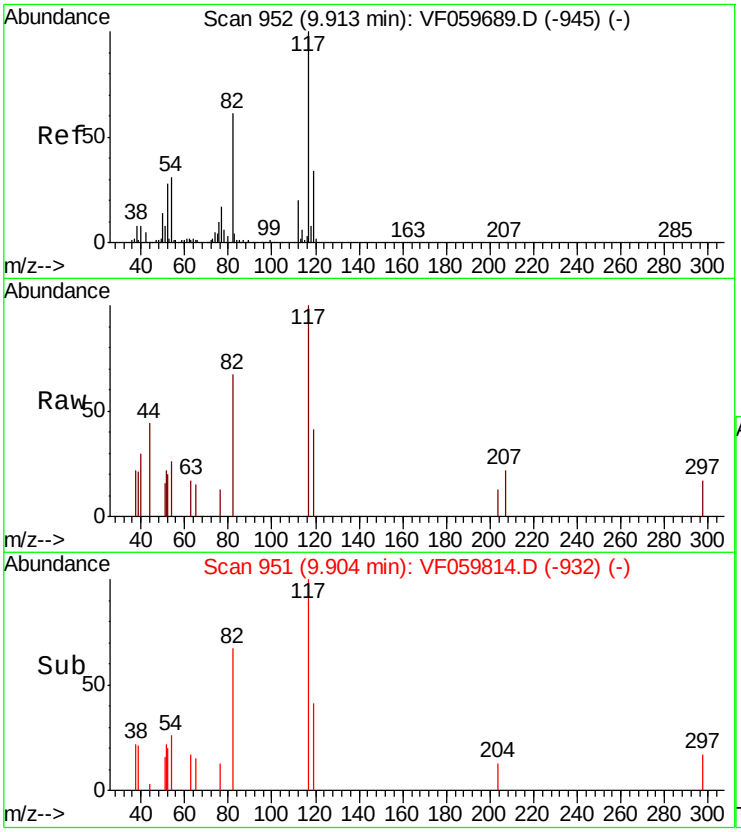


#62
4-Bromofluorobenzene
Concen: 10.984 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 95 Resp: 437

Ion	Ratio	Lower	Upper
95	100		
174	50.8	0.0	178.4
176	62.0	0.0	173.0



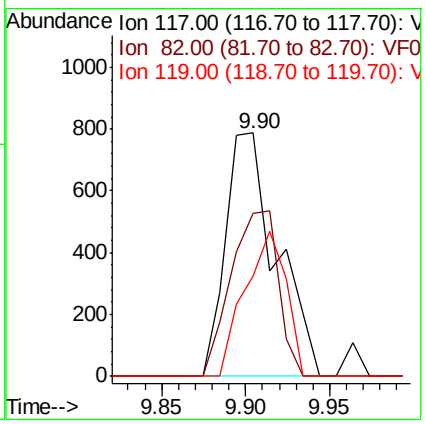


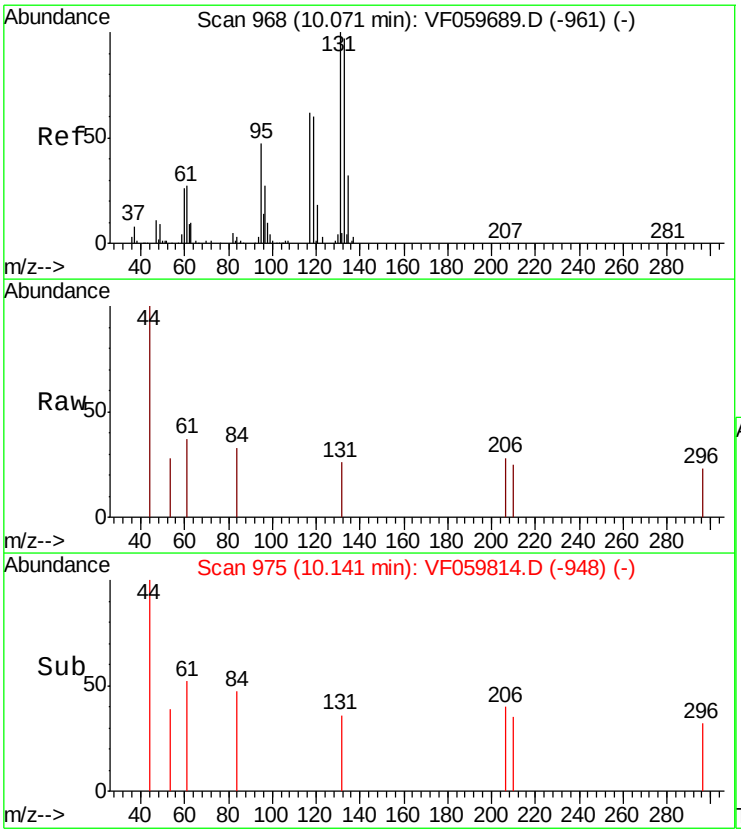
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 1655

Ion	Ratio	Lower	Upper
117	100		
82	67.0	49.0	73.4
119	41.1	27.3	40.9#

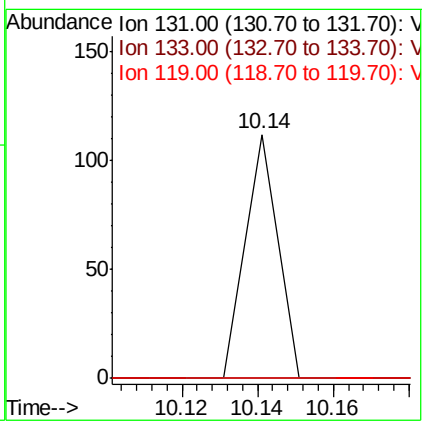


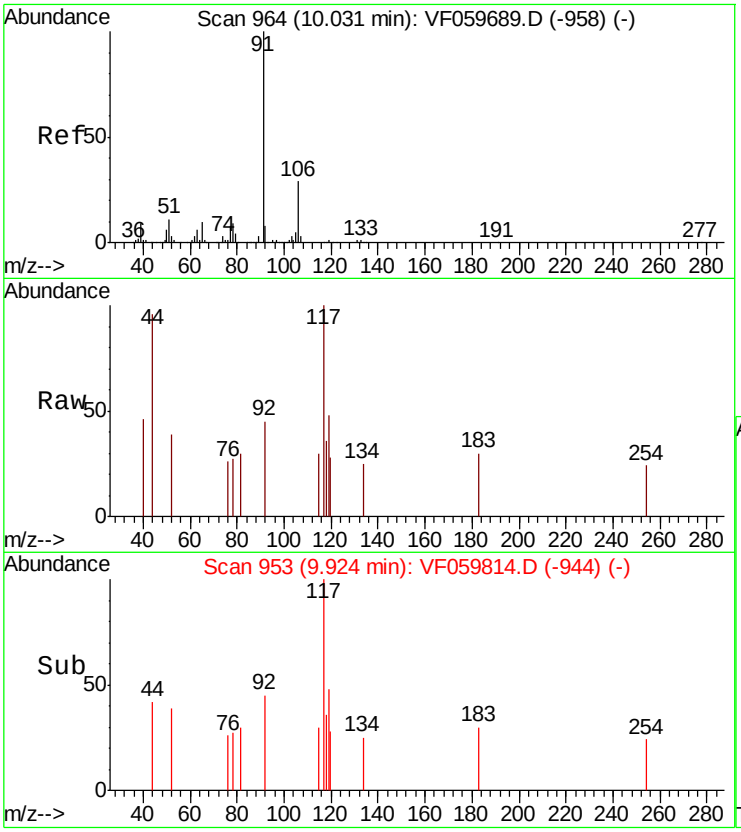


#66
1,1,1,2-Tetrachloroethane
Concen: 4.270 ug/l
RT: 10.14 min Scan# 975
Delta R.T. 0.07 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion:131 Resp: 66

Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.5	145.5#
119	0.0	30.3	90.8#



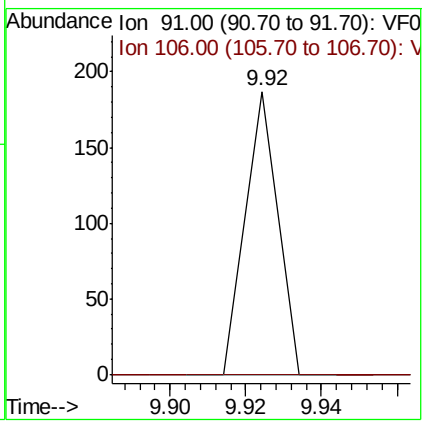


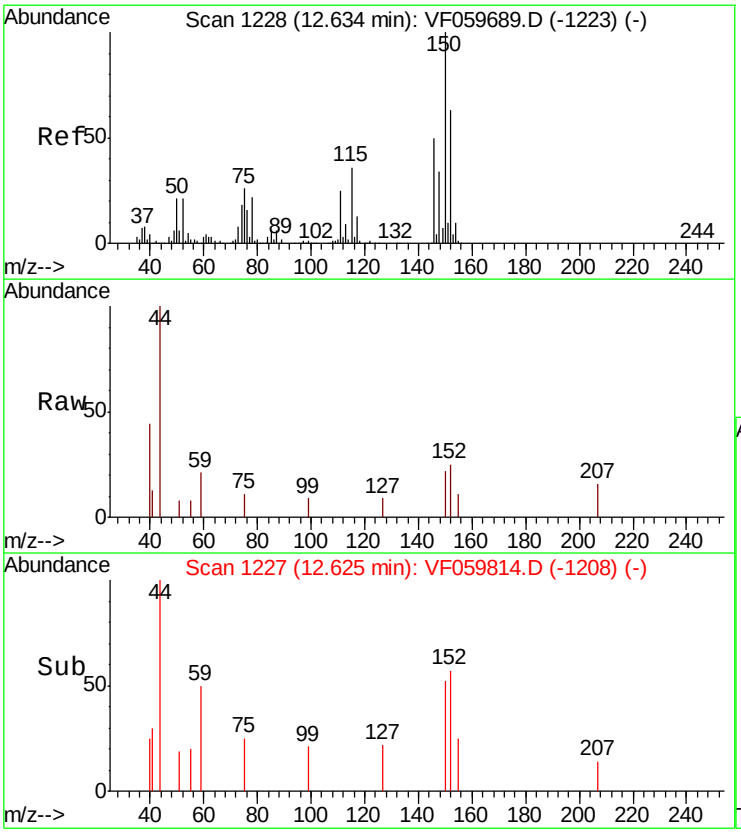
#67
Ethyl Benzene
Concen: 1.938 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.11 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 91 Resp: 111

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.9	34.3#

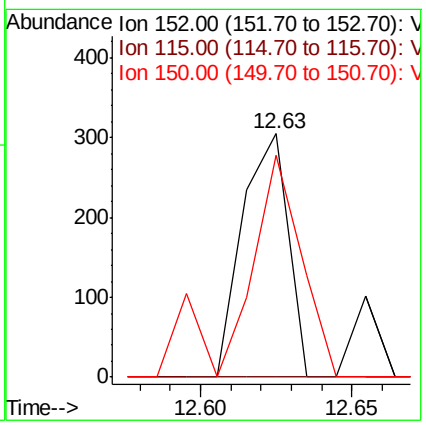


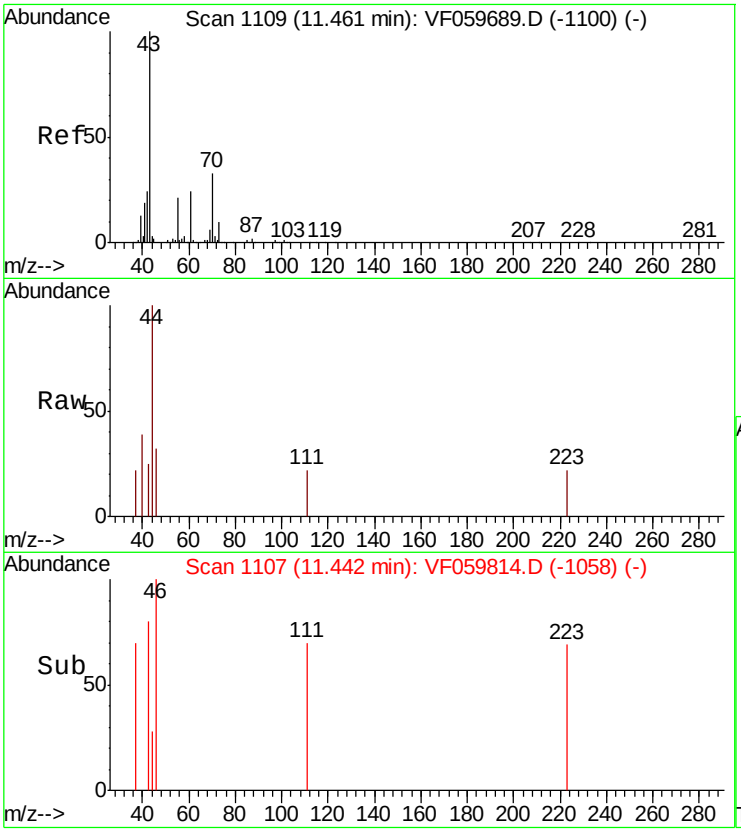


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion:152 Resp: 319

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.2	84.6#
150	91.1	0.0	316.2



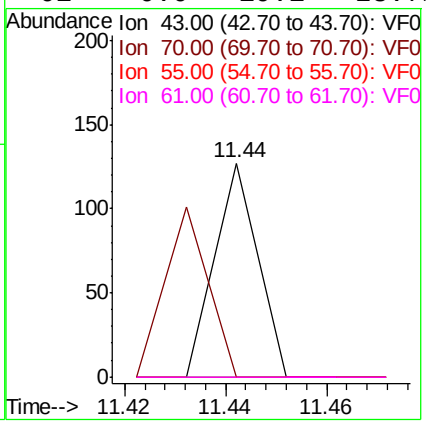


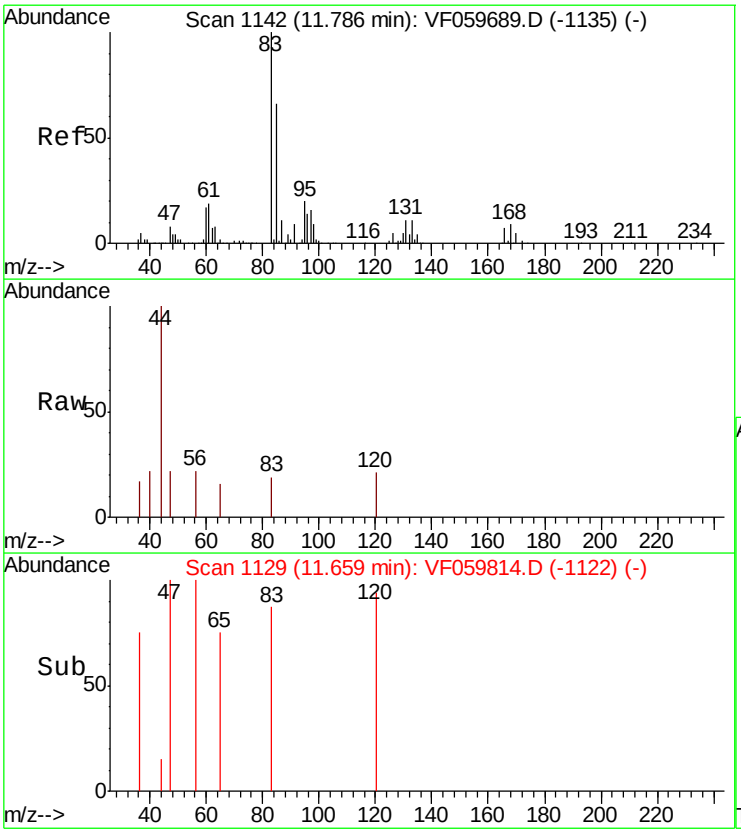
#74
N-amyl acetate
Concen: 14.203 ug/l
RT: 11.44 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 43 Resp: 75

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.3	39.5#
55	0.0	16.6	25.0#
61	0.0	19.1	28.7#

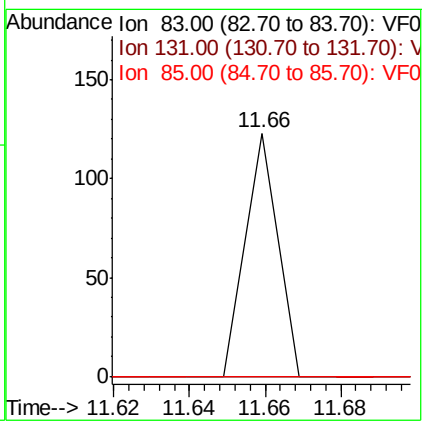


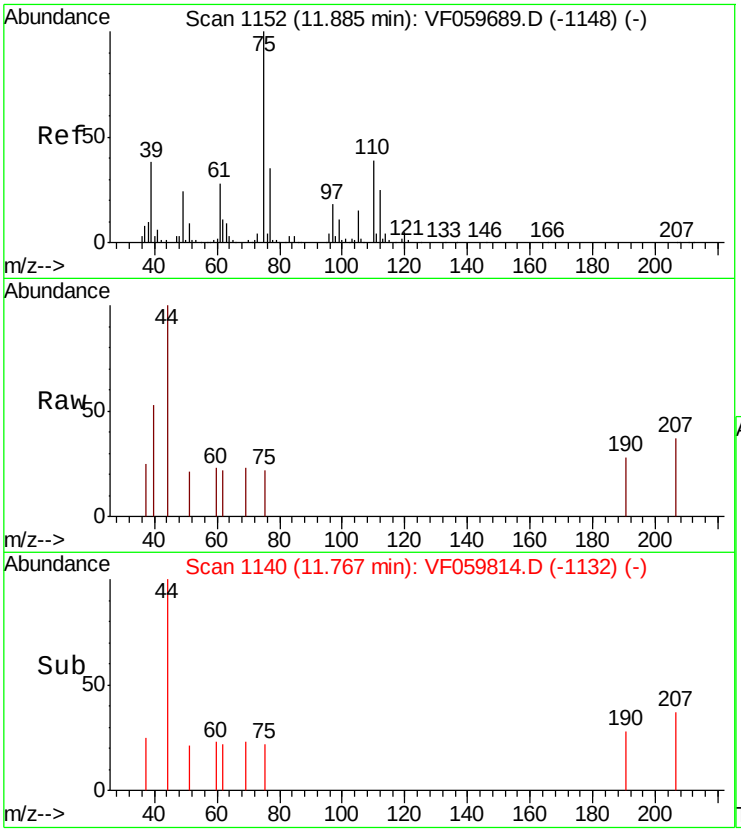


#75
1,1,2,2-Tetrachloroethane
Concen: 18.528 ug/l
RT: 11.66 min Scan# 1129
Delta R.T. -0.13 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 83 Resp: 73

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.3#
85	0.0	32.8	98.3#



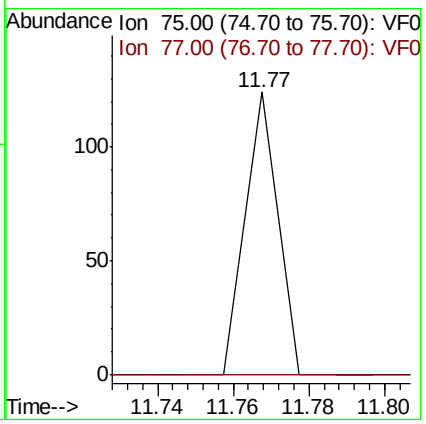


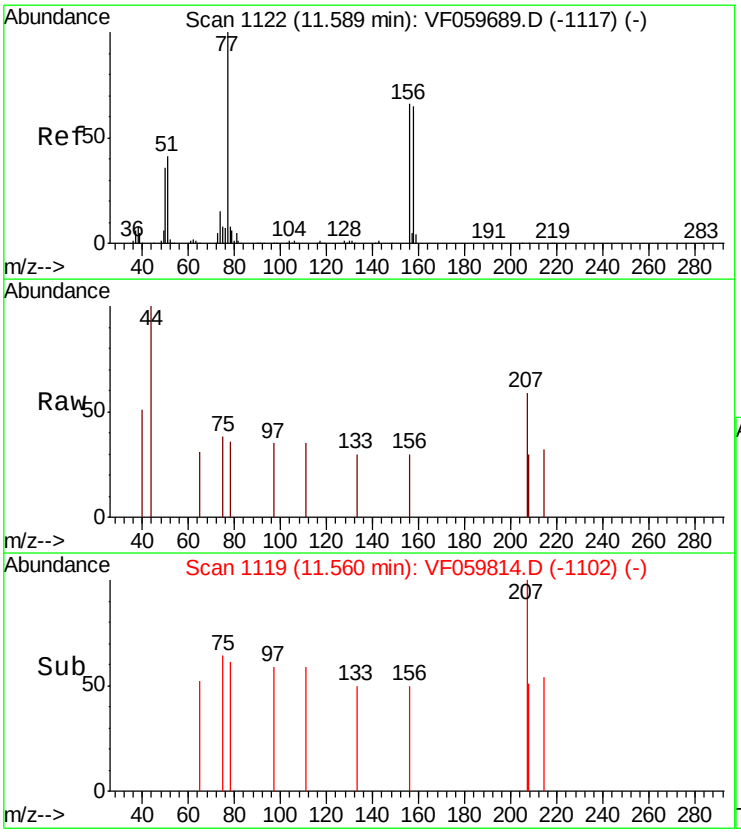
#76
1,2,3-Trichloropropane
Concen: 21.789 ug/l
RT: 11.77 min Scan# 1140
Delta R.T. -0.12 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 75 Resp: 73

Ion	Ratio	Lower	Upper
75	100		
77	0.0	18.0	54.0#

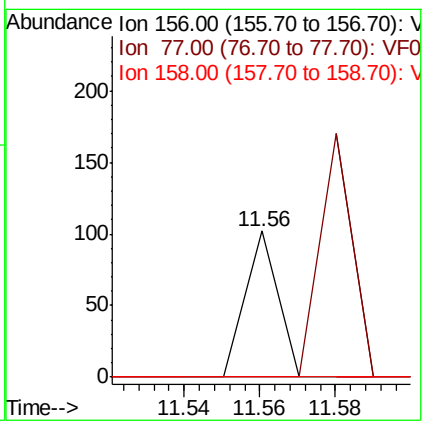


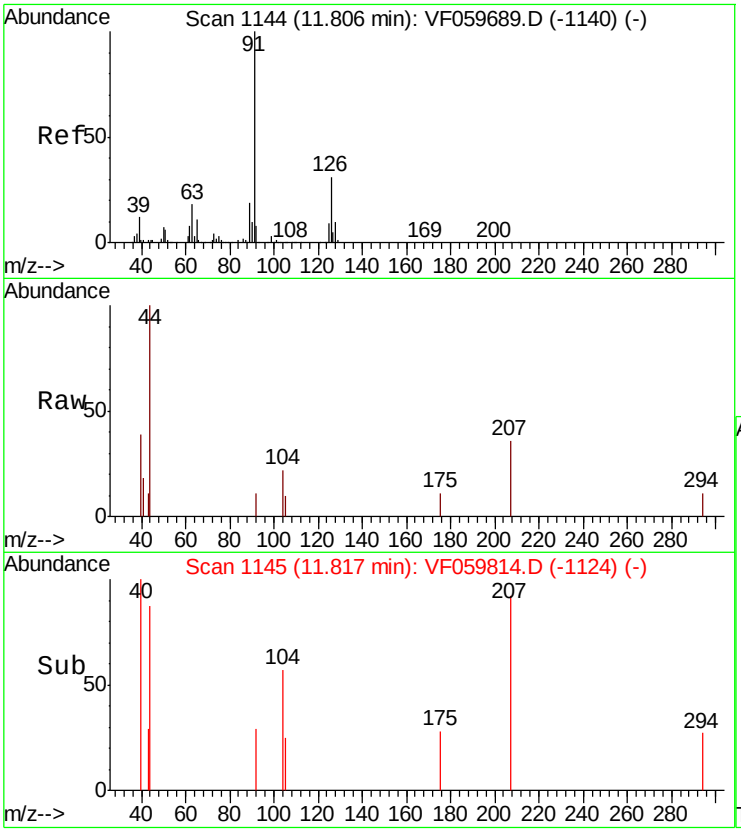


#77
Bromobenzene
Concen: 10.977 ug/l
RT: 11.56 min Scan# 1119
Delta R.T. -0.03 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion:156 Resp: 60

Ion	Ratio	Lower	Upper
156	100		
77	0.0	75.2	225.6#
158	0.0	49.1	147.3#



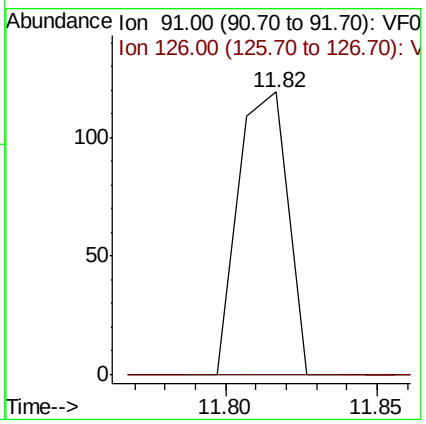


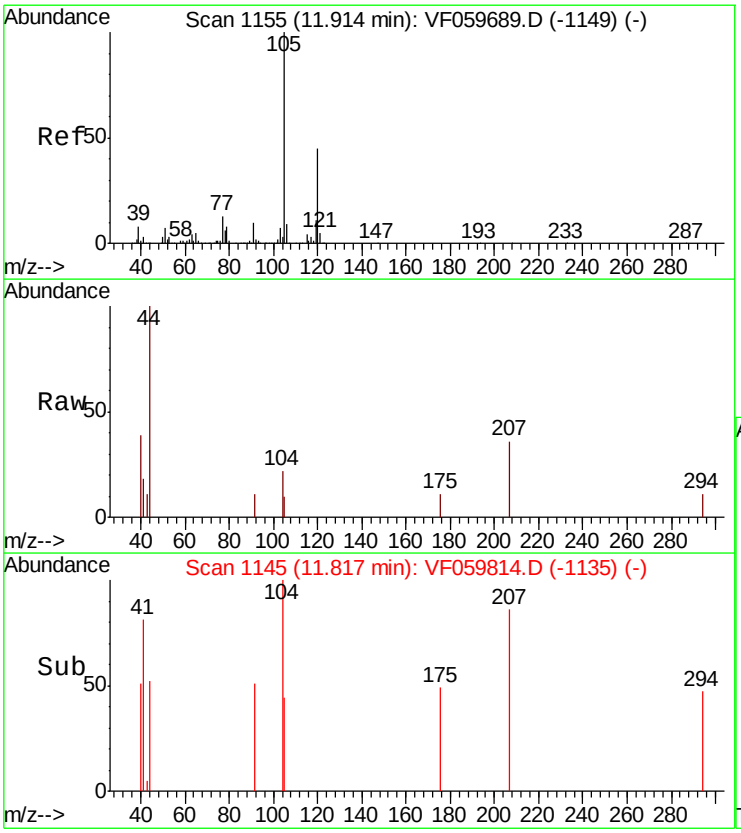
#79
2-Chlorotoluene
Concen: 6.147 ug/l
RT: 11.82 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion: 91 Resp: 135

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.4	46.2#

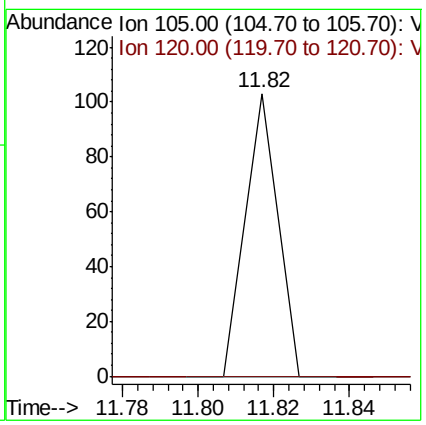


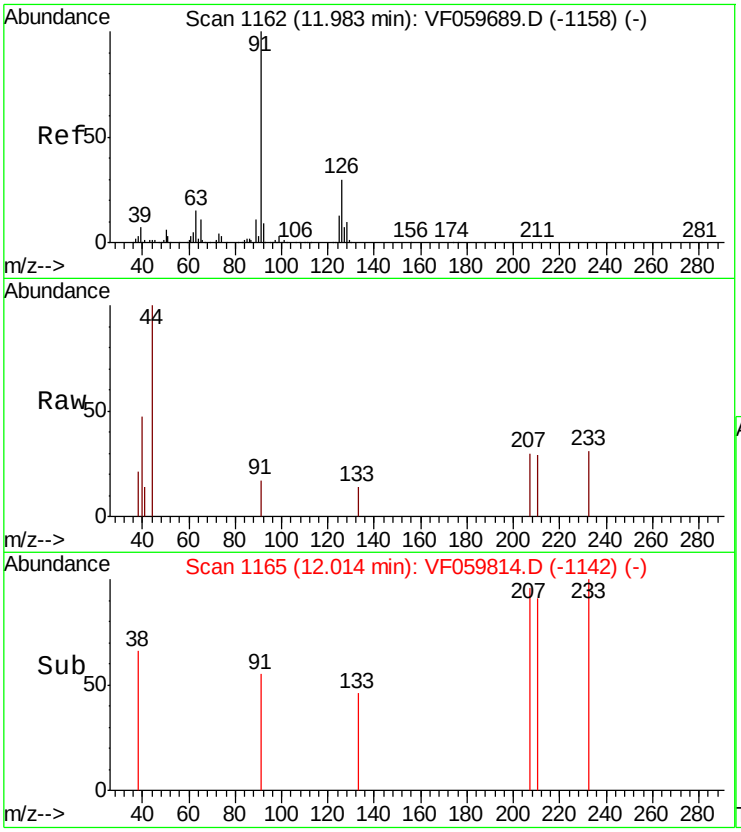


#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 11.82 min Scan# 1145
Delta R.T. -0.10 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion:105 Resp: 61

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	68.0#



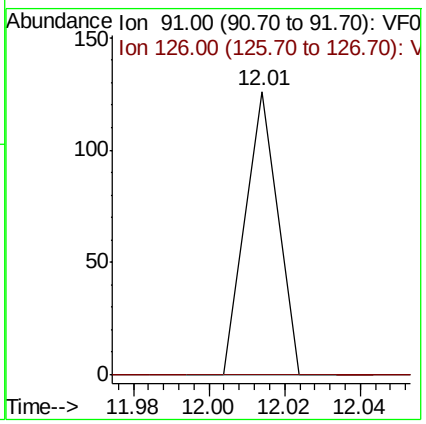


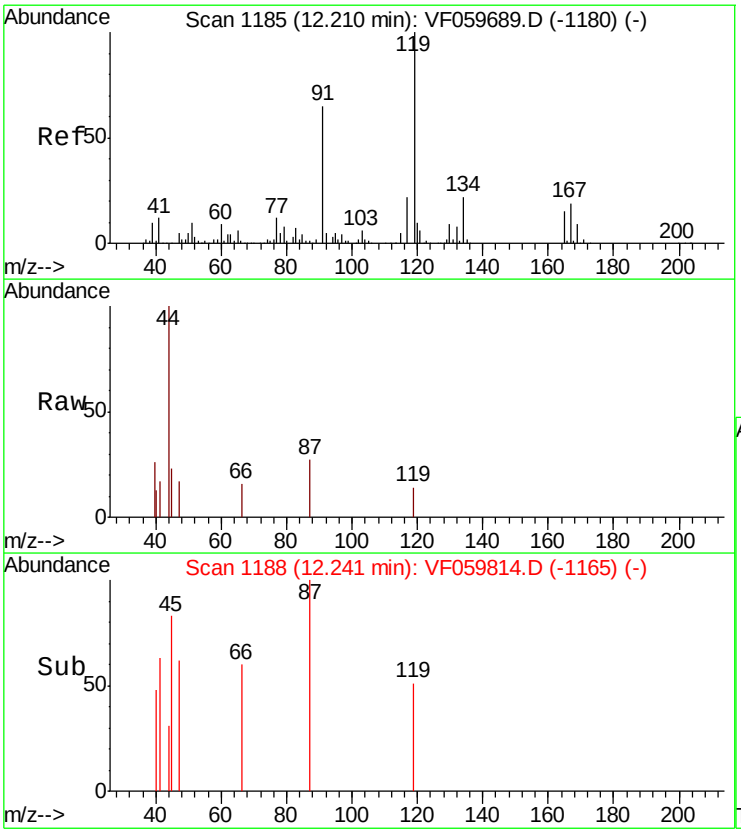
#82
4-Chlorotoluene
Concen: 1.290 ug/l
RT: 12.01 min Scan# 1165
Delta R.T. 0.03 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 91 Resp: 75

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.2	45.6#

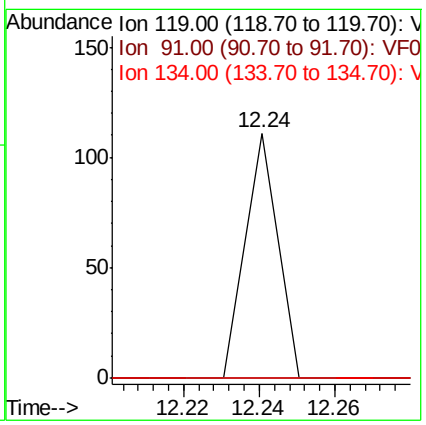


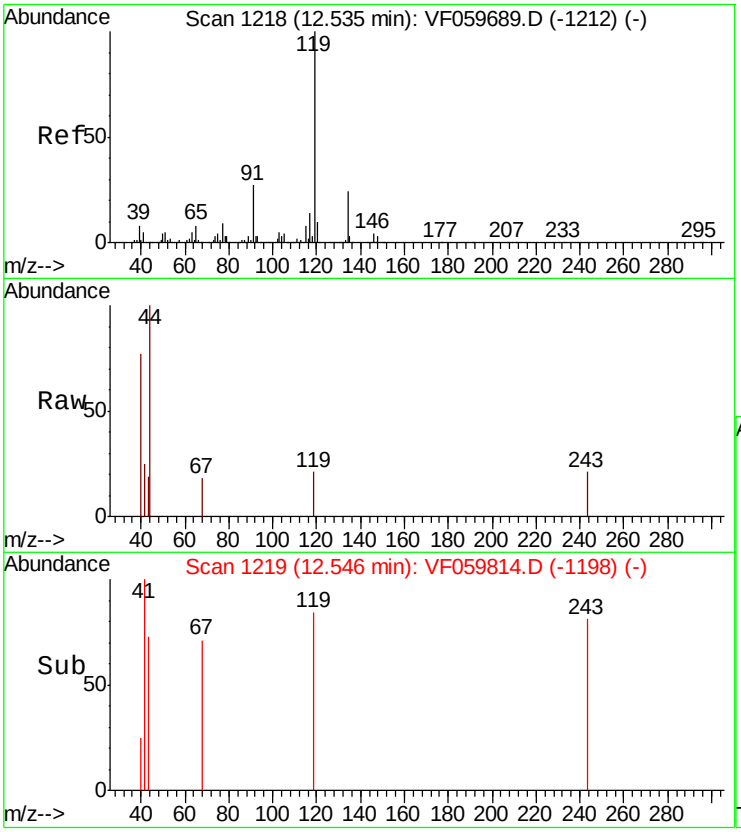


#83
tert-Butylbenzene
Concen: 3.513 ug/l
RT: 12.24 min Scan# 1188
Delta R.T. 0.03 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion:119 Resp: 66

Ion	Ratio	Lower	Upper
119	100		
91	0.0	32.8	98.4#
134	0.0	10.9	32.7#



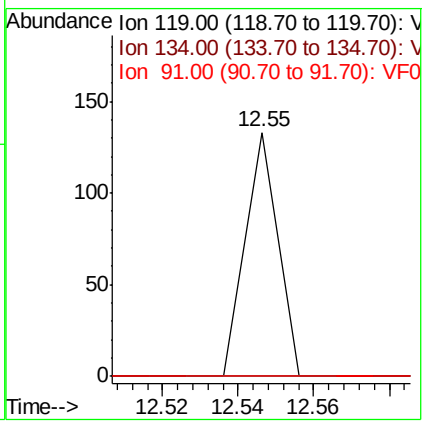


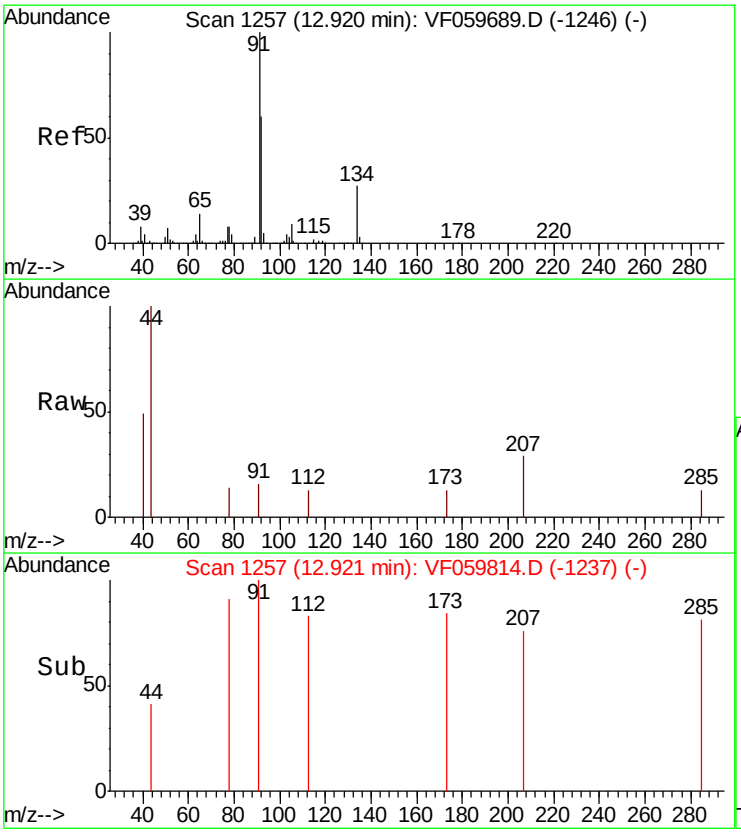
#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.55 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument : MSVOA_F
ClientSampleId : SB-2

Tgt Ion:119 Resp: 79

Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.2	36.6#
91	0.0	13.4	40.2#

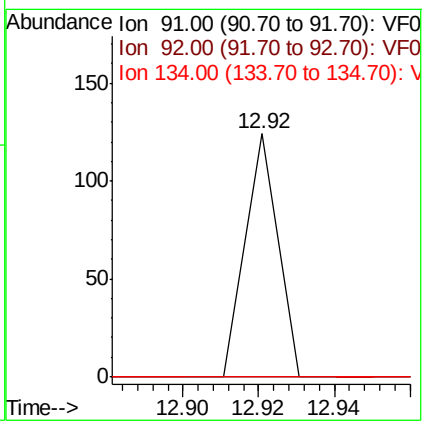


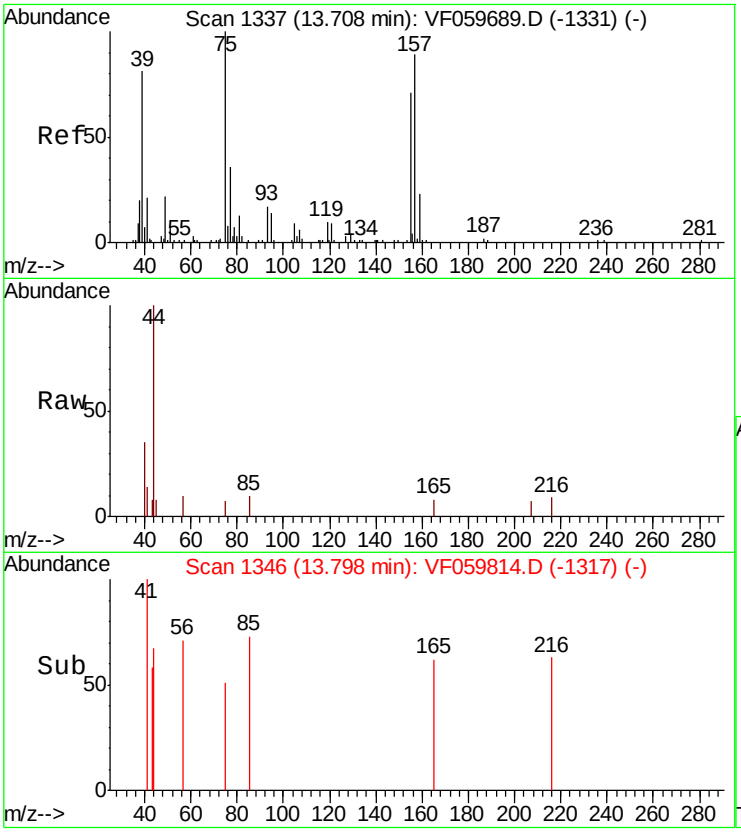


#89
n-Butylbenzene
Concen: Below Cal
RT: 12.92 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion: 91 Resp: 73

Ion	Ratio	Lower	Upper
91	100		
92	0.0	30.1	90.3#
134	0.0	13.7	41.0#



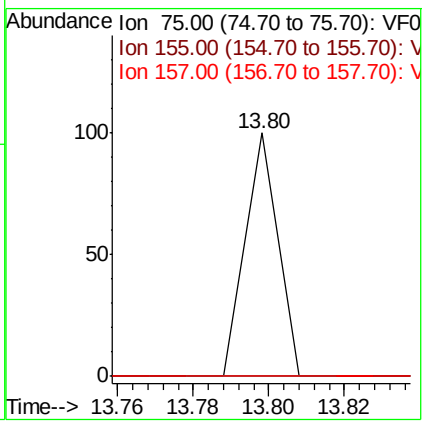


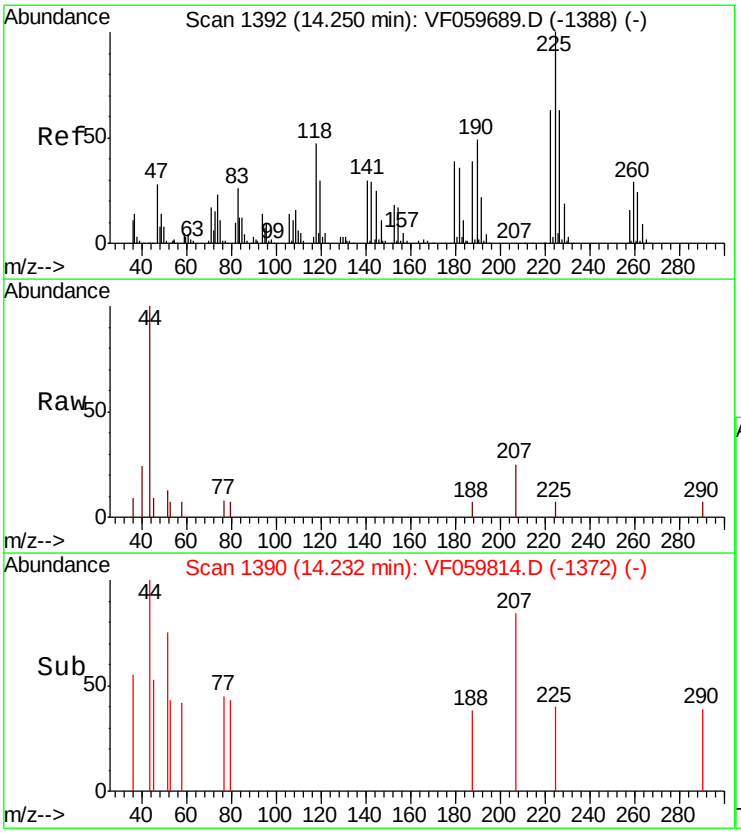
#92
1,2-Dibromo-3-Chloropropane
Concen: 61.255 ug/l
RT: 13.80 min Scan# 1346
Delta R.T. 0.09 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion: 75 Resp: 59

Ion	Ratio	Lower	Upper
75	100		
155	0.0	35.4	106.2#
157	0.0	44.4	133.2#

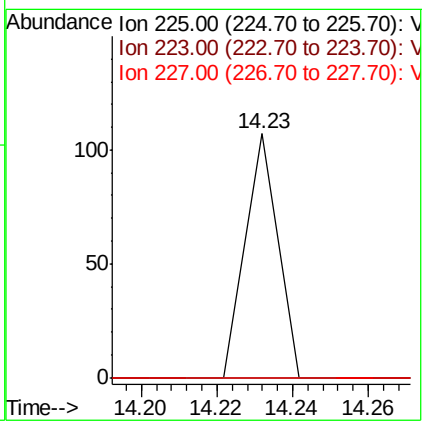


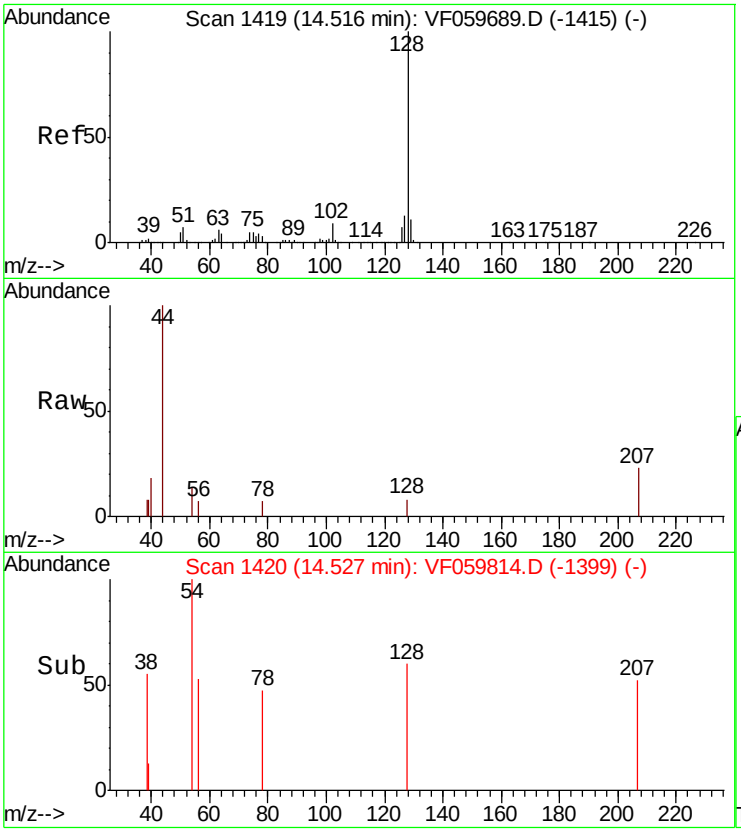


#94
Hexachlorobutadiene
Concen: 12.041 ug/l
RT: 14.23 min Scan# 1390
Delta R.T. -0.02 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Tgt Ion:225 Resp: 63

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.4	94.2#
227	0.0	31.5	94.5#





#95
Naphthalene
Concen: 5.526 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.01 min
Lab File: VF059814.D
Acq: 2 Aug 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
SB-2

Tgt Ion:128 Resp: 76

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.6	13.0#