Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062218\
Data File : VF059297.D
Acq On : 23 Jun 2018 2:06
Operator : VA/AP
Sample : J3605-07
Misc : 6.38g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S-5(4-4.5)

Quant Time: Jun 23 04:40:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	173142	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	269531	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	280939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	176545	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	140403	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.98%			
35) Dibromofluoromethane	4.29	113	120582	53.17	ug/l	-0.01
Spiked Amount 50.000			Recovery = 106.34%			
50) Toluene-d8	7.71	98	275420	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.50%			
62) 4-Bromofluorobenzene	11.50	95	147859	46.23	ug/l	-0.01
Spiked Amount 50.000			Recovery = 92.46%			
Target Compounds						Qvalue
5) Bromomethane	1.22	94	98	1.882	ug/l	95
8) Diethyl Ether	1.70	74	767	1.382	ug/l	89
11) Tert butyl alcohol	2.69	59	664	4.585	ug/l #	70
13) Acrolein	2.08	56	587	Below Cal	#	1
14) Allyl chloride	2.10	41	8406	3.711	ug/l #	67
15) Acrylonitrile	3.09	53	350	Below Cal		86
16) Acetone	2.34	43	2344	3.990	ug/l	93
18) Methyl Acetate	2.47	43	2495	2.253	ug/l #	66
20) Methylene Chloride	2.27	84	8488	5.418	ug/l	91
28) Bromochloromethane	3.87	49	60	Below Cal	#	8
39) Methylcyclohexane	5.75	83	4867	1.920	ug/l #	34
49) 1,4-Dioxane	6.66	88	62	7.614	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.77	63	179	1.093	ug/l	100
64) Tetrachloroethene	8.30	164	11471	5.317	ug/l #	89

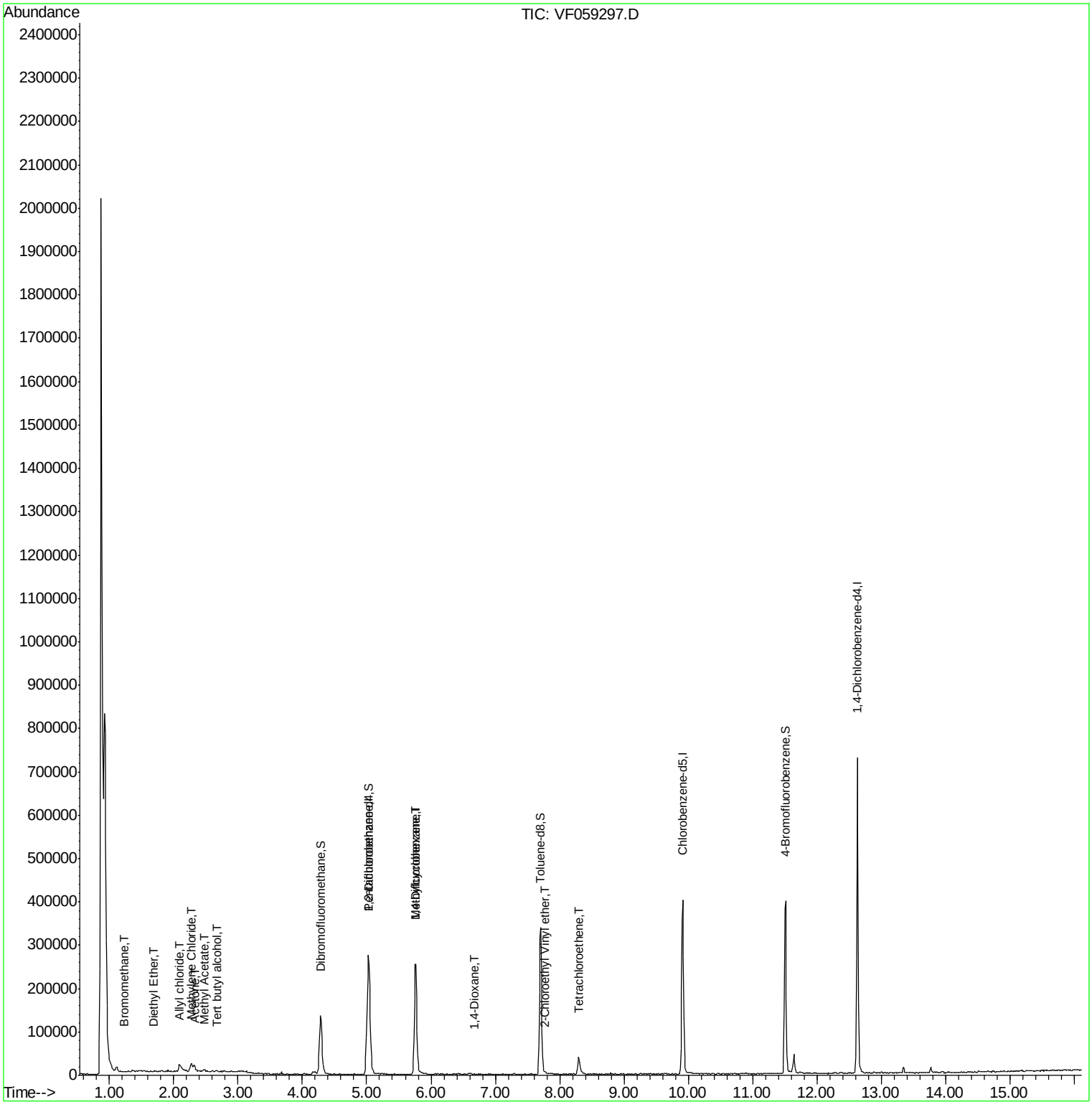
(#) = qualifier out of range (m) = manual integration (+) = signals summed

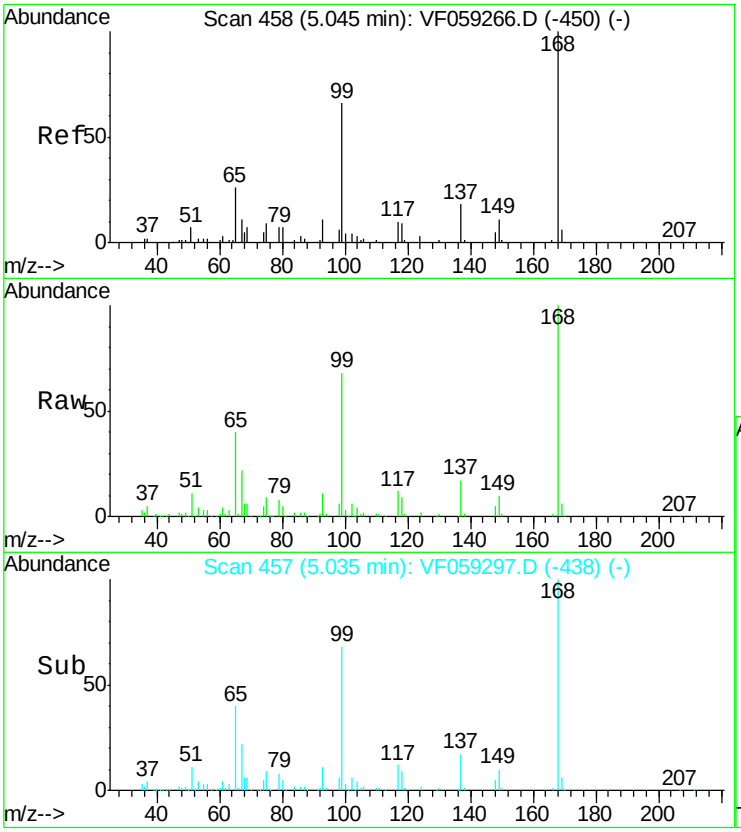
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062218\
Data File : VF059297.D
Acq On : 23 Jun 2018 2:06
Operator : VA/AP
Sample : J3605-07
Misc : 6.38g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Quant Time: Jun 23 04:40:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration



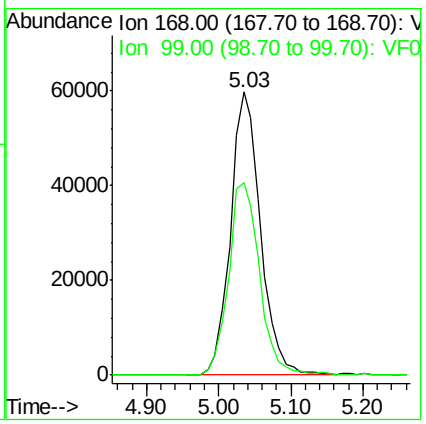


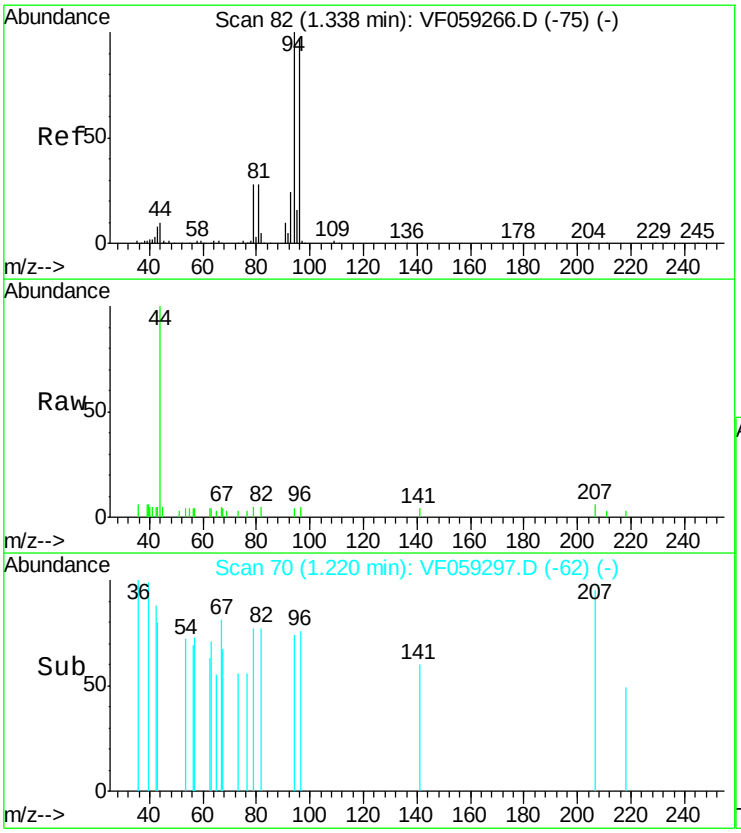
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tgt Ion:168 Resp: 173142

Ion	Ratio	Lower	Upper
168	100		
99	68.0	52.6	78.8

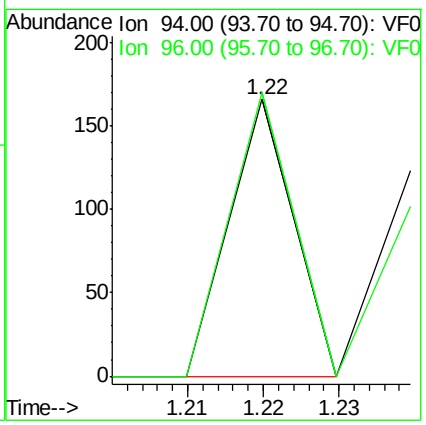


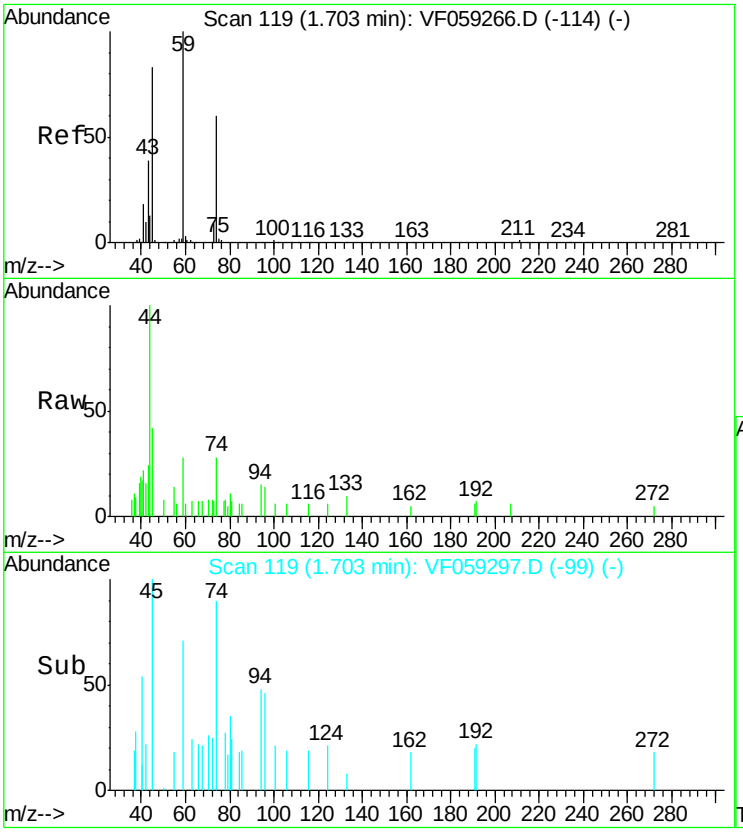


#5
Bromomethane
Concen: 1.882 ug/l
RT: 1.22 min Scan# 70
Delta R.T. -0.12 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion: 94 Resp: 98

Ion	Ratio	Lower	Upper
94	100		
96	102.4	77.7	116.5



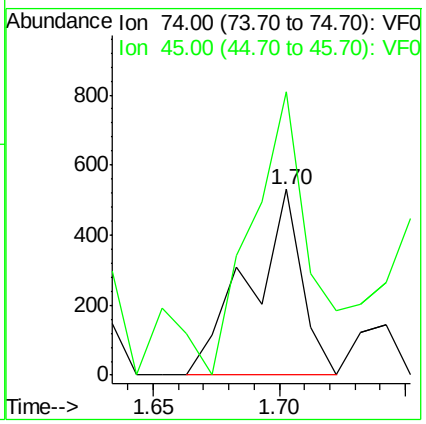


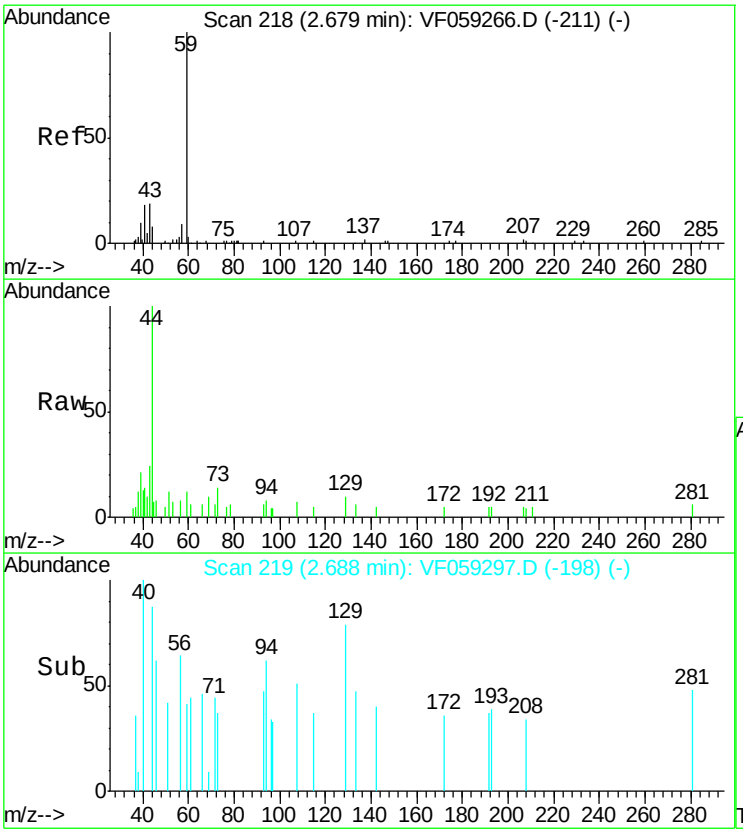
#8
Diethyl Ether
Concen: 1.382 ug/l
RT: 1.70 min Scan# 119
Delta R.T. -0.00 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument : MSVOA_F
ClientSampleId : S-5(4-4.5)

Tgt Ion: 74 Resp: 767

Ion	Ratio	Lower	Upper
74	100		
45	152.2	69.2	207.4

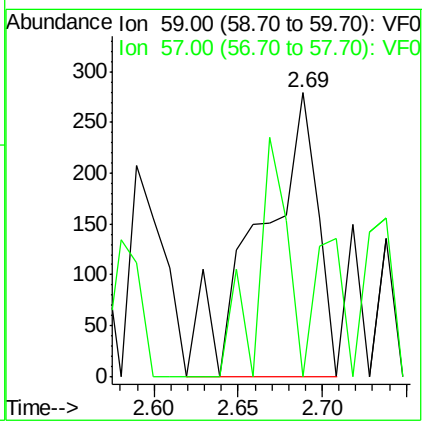


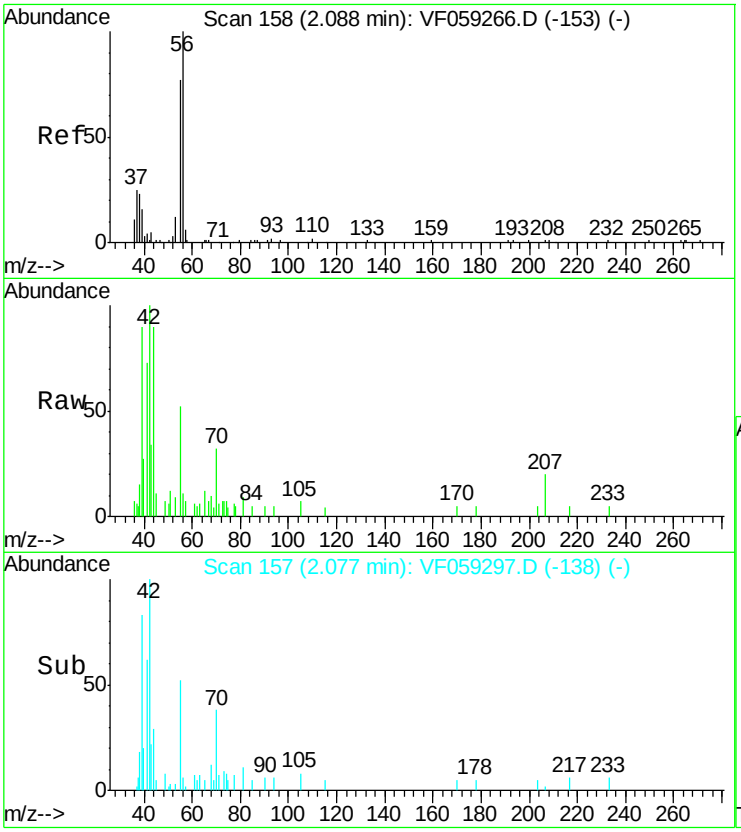


#11
Tert butyl alcohol
Concen: 4.585 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion: 59 Resp: 664

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.2	13.8#



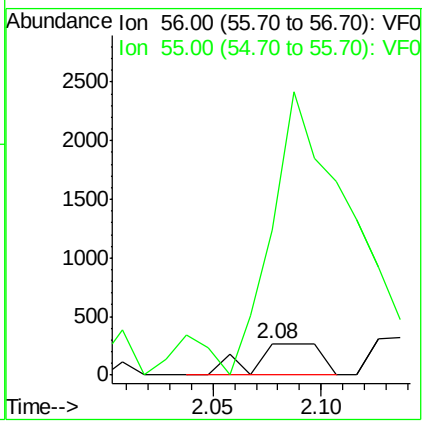


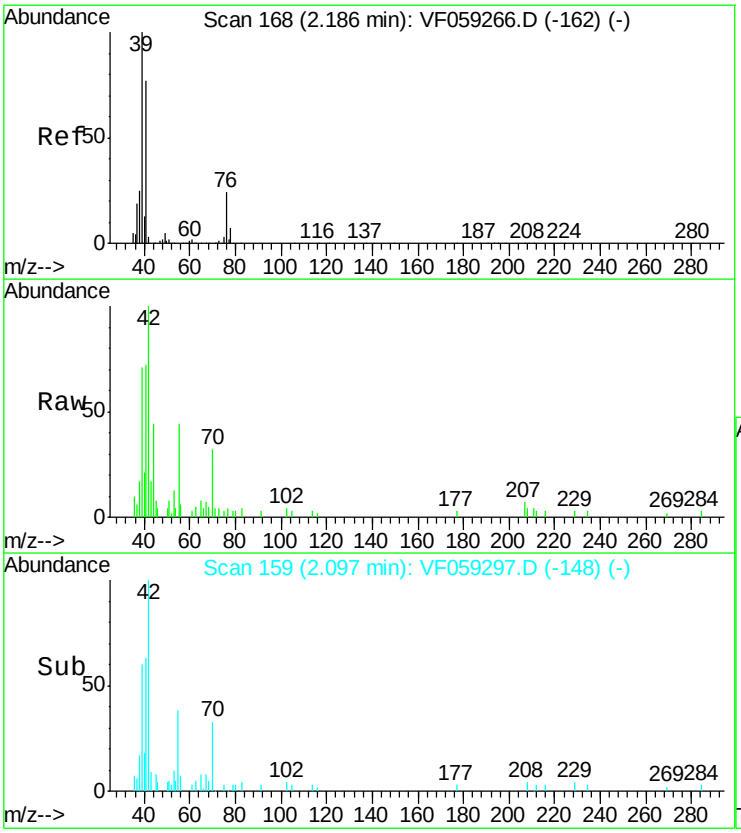
#13
Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument : MSVOA_F
ClientSampleId : S-5(4-4.5)

Tgt Ion: 56 Resp: 587

Ion	Ratio	Lower	Upper
56	100		
55	455.7	63.0	94.6#

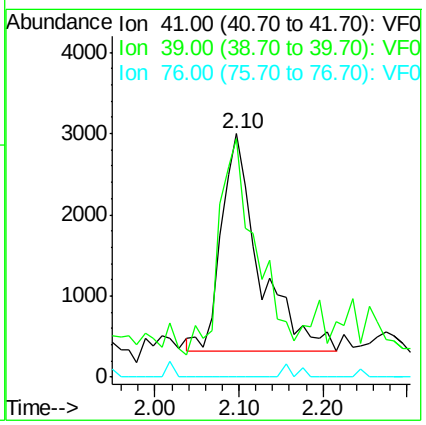


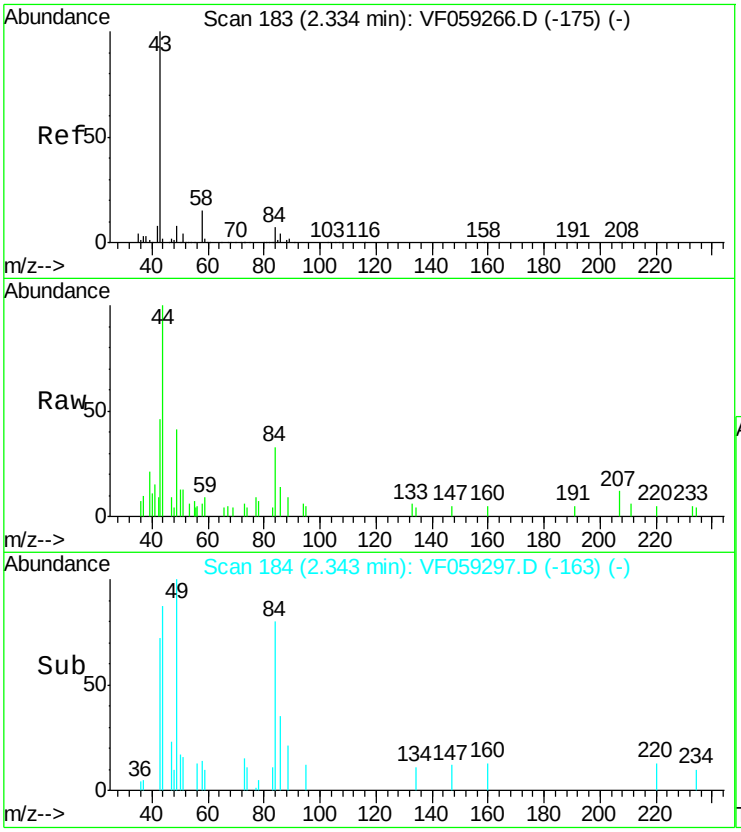


#14
Allyl chloride
Concen: 3.711 ug/l
RT: 2.10 min Scan# 159
Delta R.T. -0.09 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion: 41 Resp: 8406

Ion	Ratio	Lower	Upper
41	100		
39	98.1	103.8	155.6#
76	0.0	25.0	37.6#



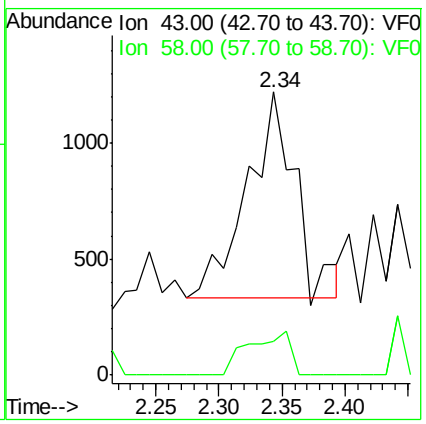


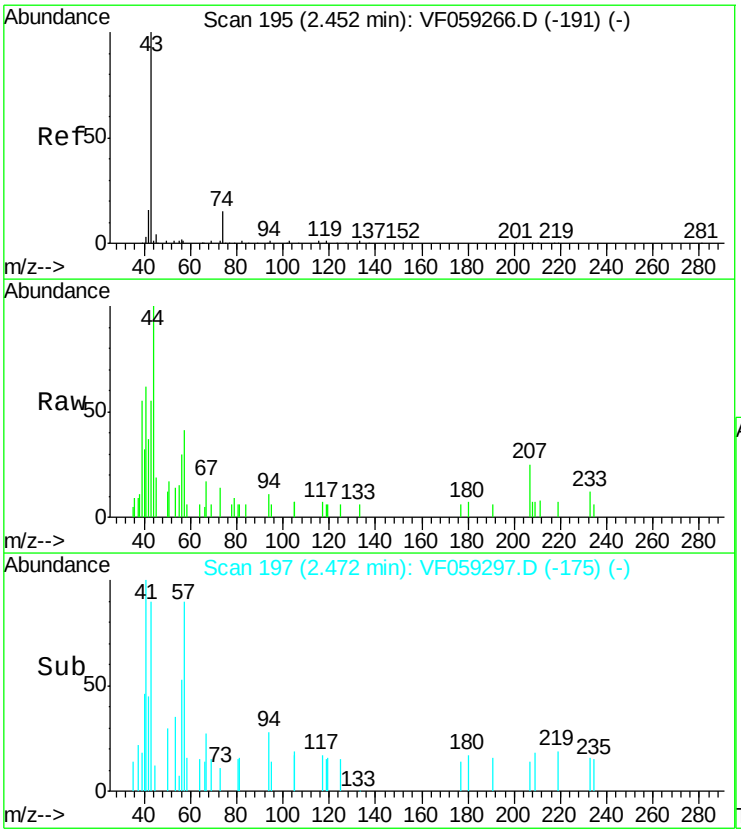
#16
Acetone
Concen: 3.990 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tgt Ion: 43 Resp: 2344

Ion	Ratio	Lower	Upper
43	100		
58	12.1	12.1	18.1

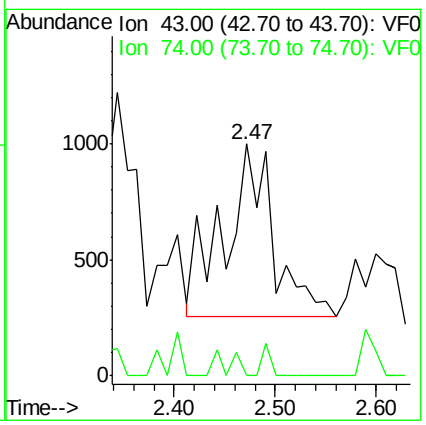


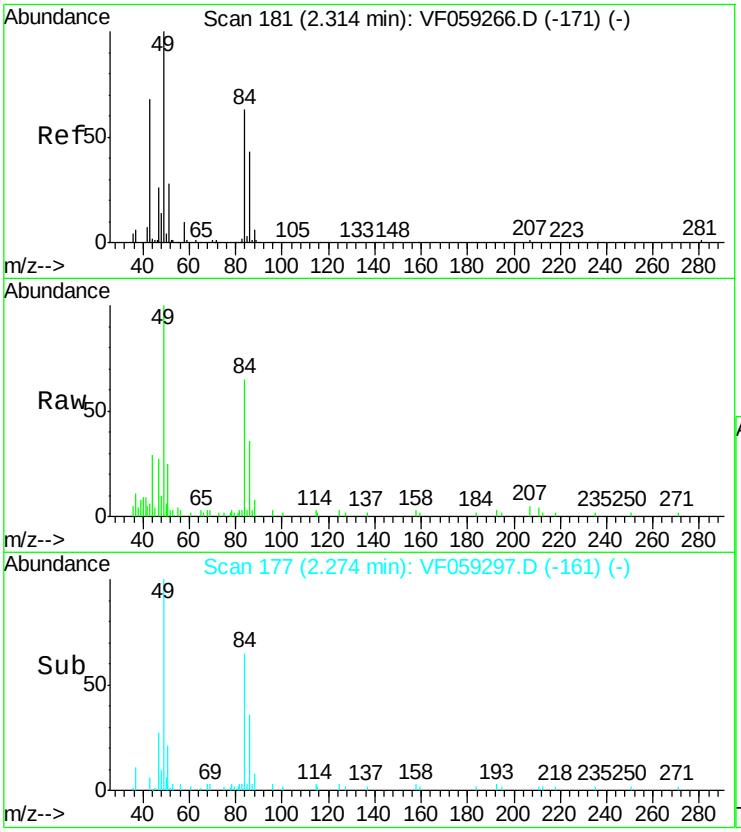


#18
Methyl Acetate
Concen: 2.253 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion: 43 Resp: 2495

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.4#



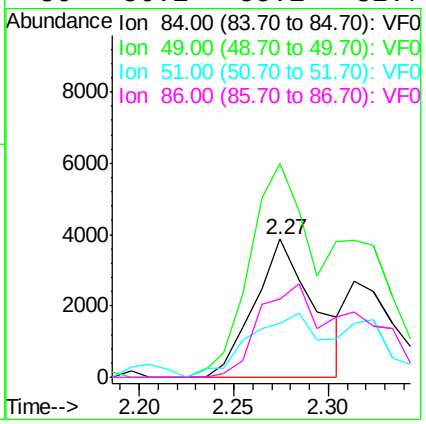


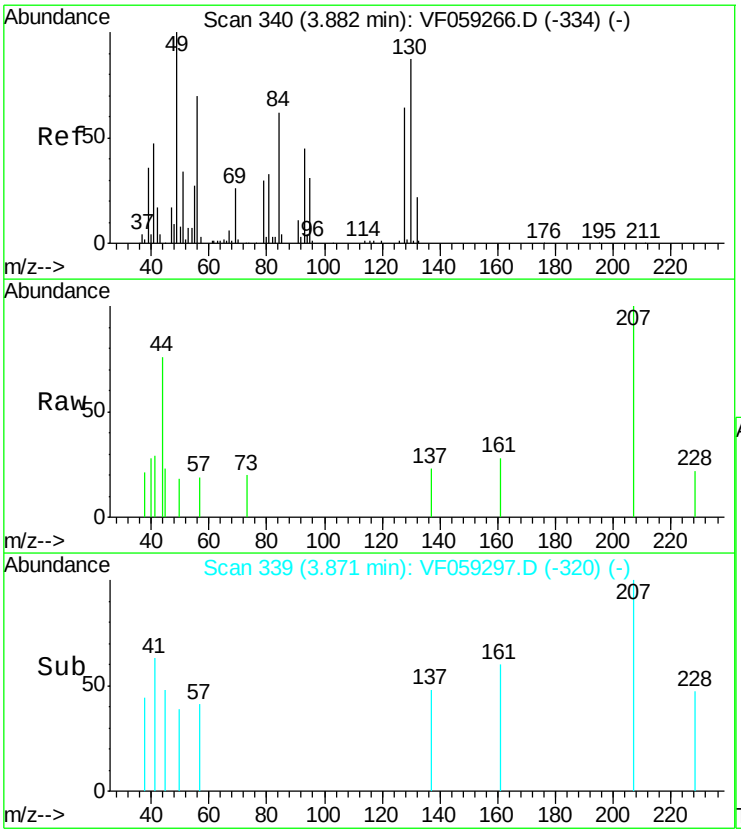
#20
Methylene Chloride
Concen: 5.418 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.04 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tgt Ion: 84 Resp: 8488

Ion	Ratio	Lower	Upper
84	100		
49	154.5	130.0	195.0
51	38.6	36.6	55.0
86	56.1	55.1	82.7

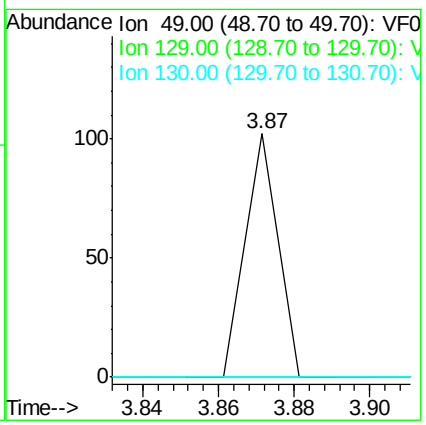


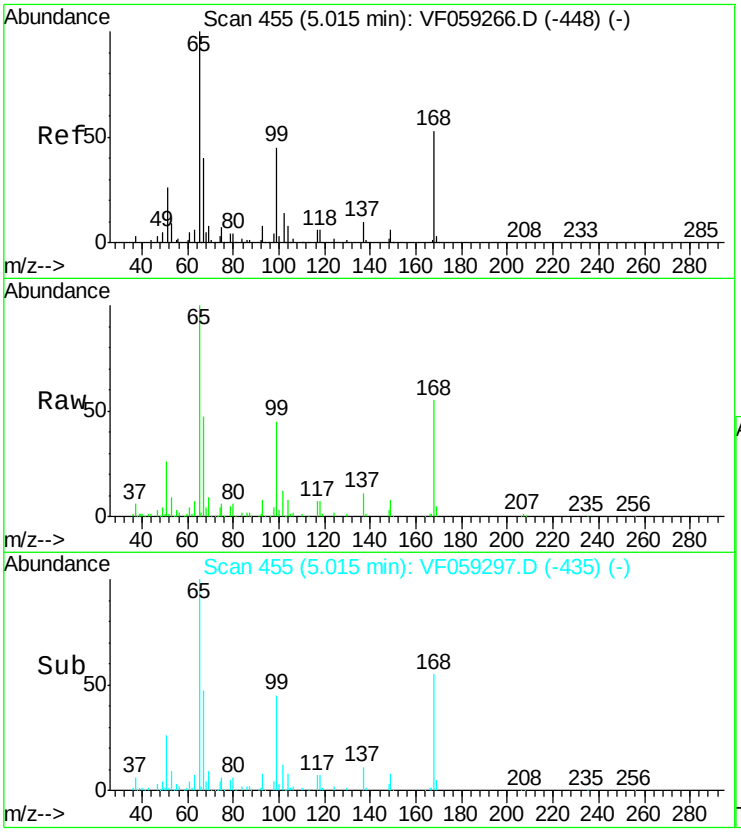


#28
Bromochloromethane
Concen: Below Cal
RT: 3.87 min Scan# 339
Delta R.T. -0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion: 49 Resp: 60

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	69.4	104.2#



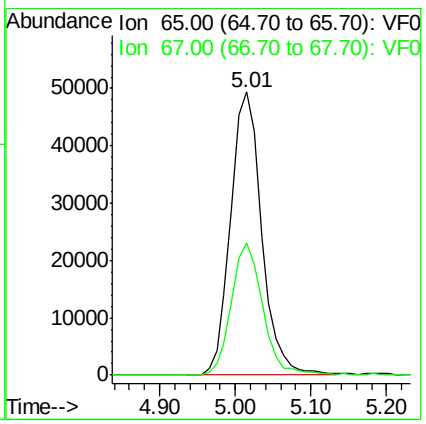


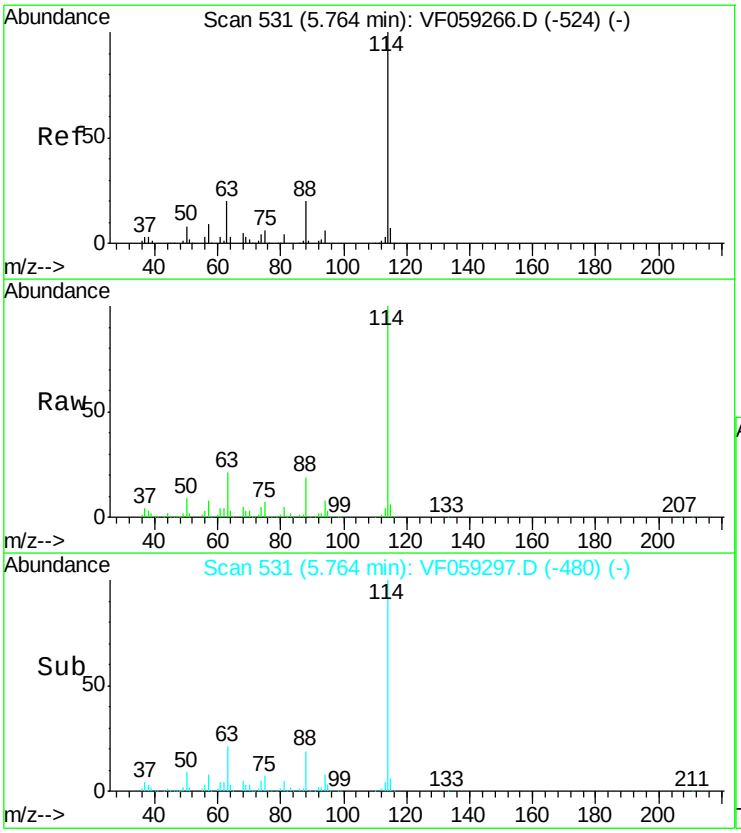
#33
1,2-Dichloroethane-d4
Concen: 56.493 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tgt Ion: 65 Resp: 140403

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	95.8

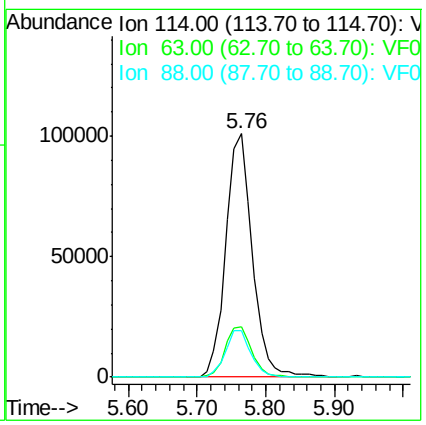


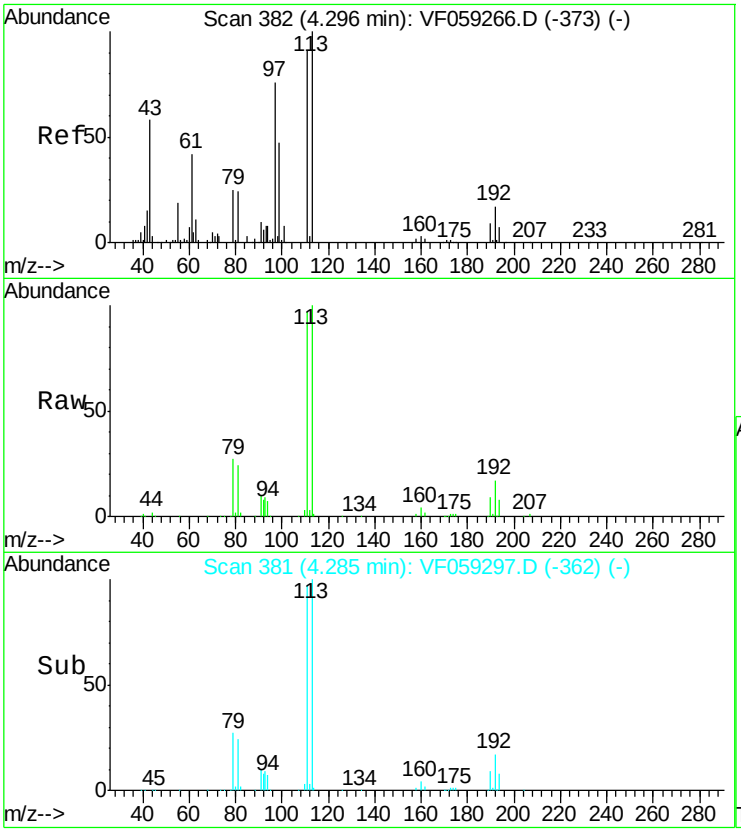


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.00 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion:114 Resp: 269531

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.0
88	18.9	0.0	39.6



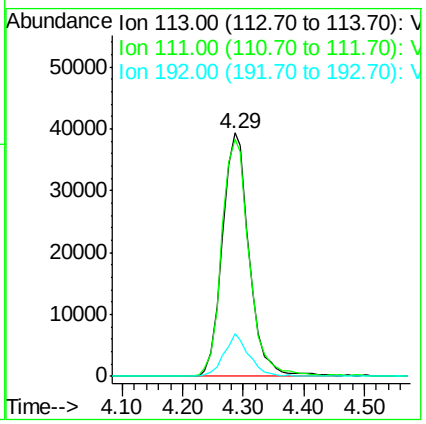


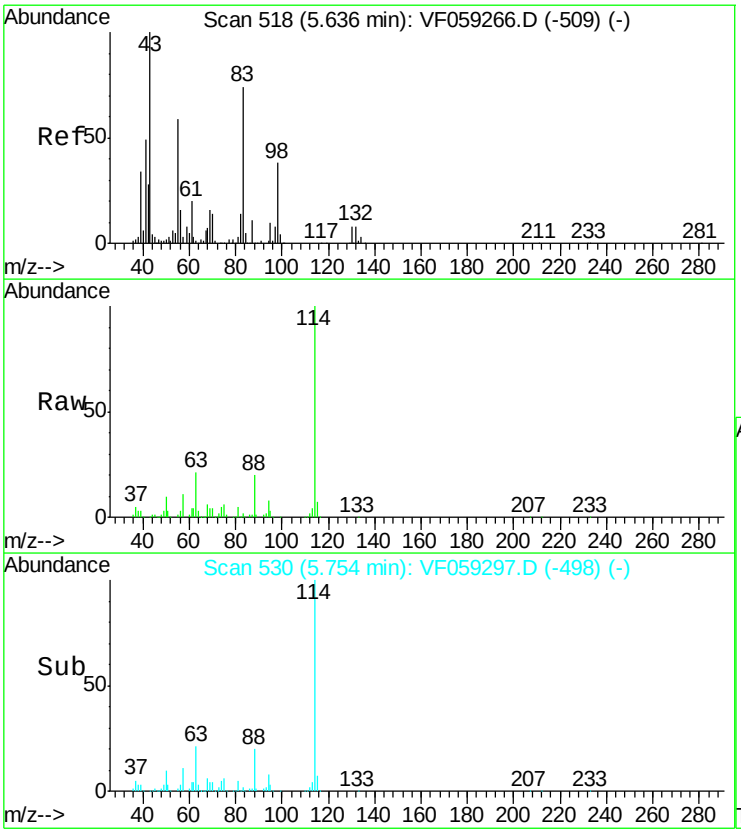
#35
Dibromofluoromethane
Concen: 53.174 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tgt Ion:113 Resp: 120582

Ion	Ratio	Lower	Upper
113	100		
111	97.4	73.1	109.7
192	17.4	13.9	20.9

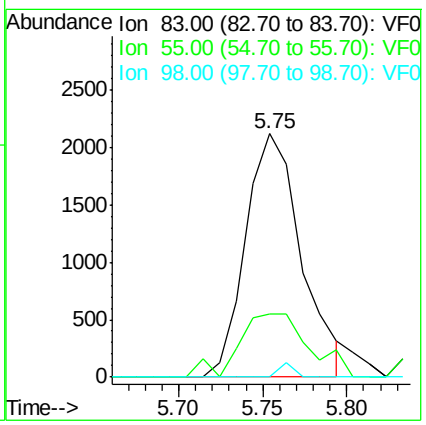


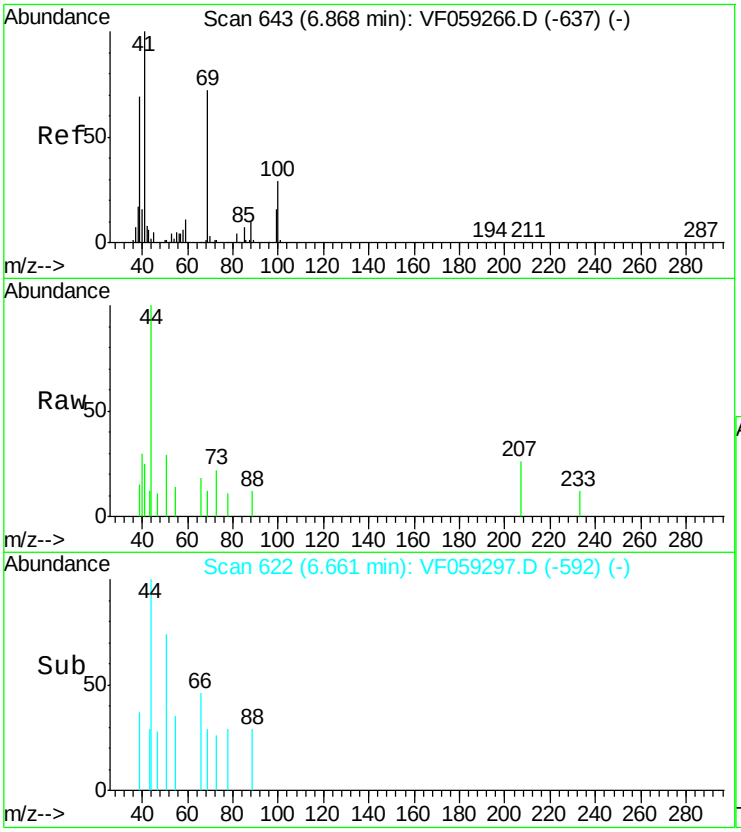


#39
Methylcyclohexane
Concen: 1.920 ug/l
RT: 5.75 min Scan# 530
Delta R.T. 0.12 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion: 83 Resp: 4867

Ion	Ratio	Lower	Upper
83	100		
55	26.1	63.7	95.5#
98	0.0	41.6	62.4#



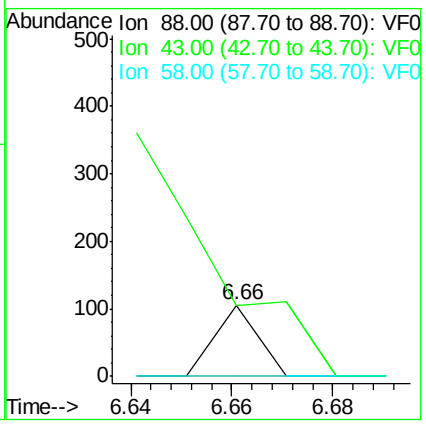


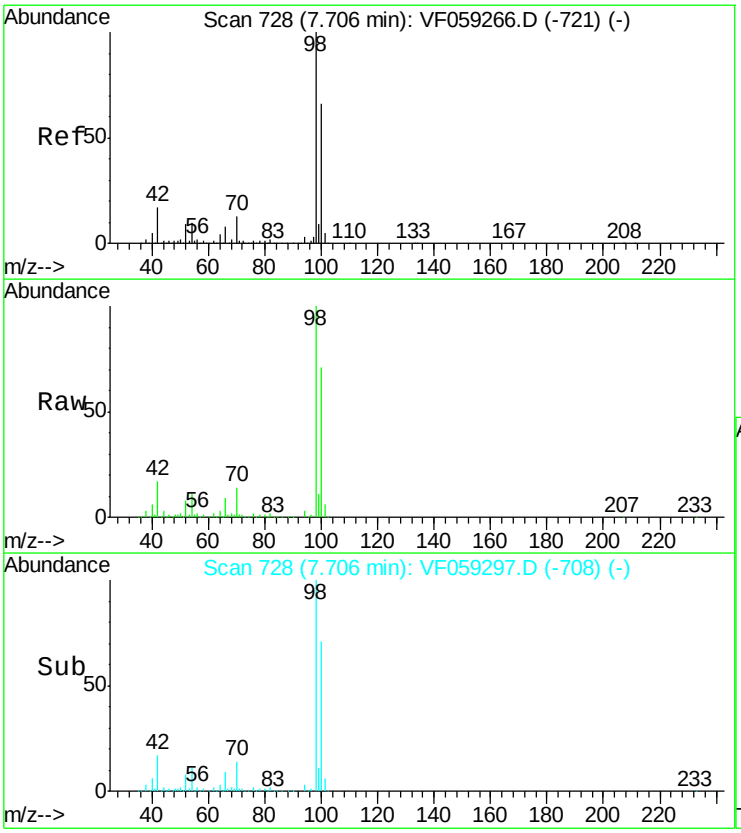
#49
1,4-Dioxane
Concen: 7.614 ug/l
RT: 6.66 min Scan# 622
Delta R.T. -0.21 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	100.0	55.5	83.3#
58	0.0	50.1	75.1#

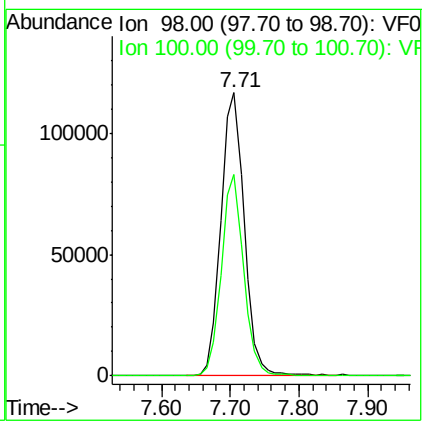


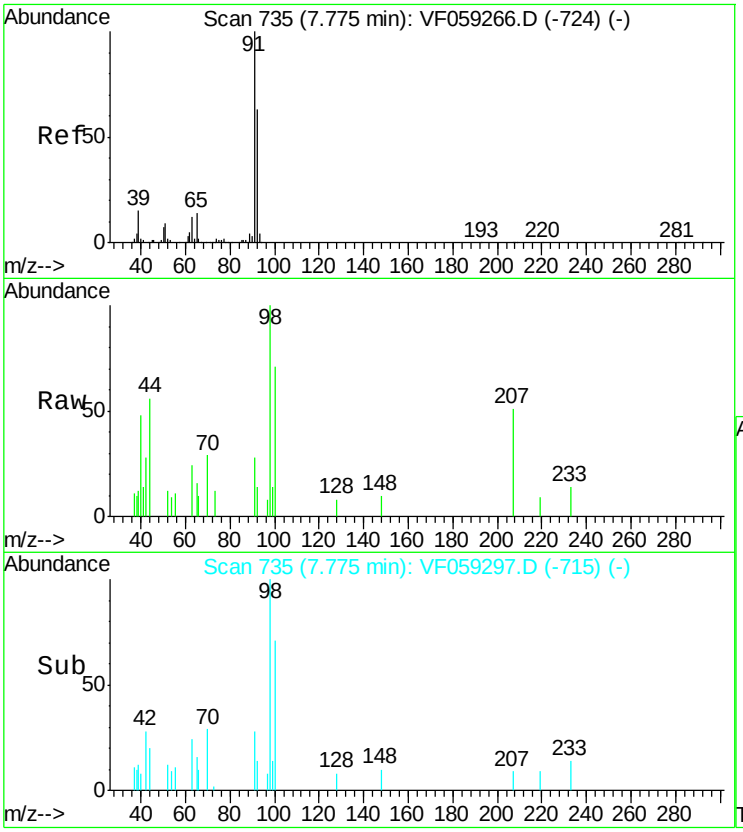


#50
Toluene-d8
Concen: 47.748 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion: 98 Resp: 275420

Ion	Ratio	Lower	Upper
98	100		
100	71.1	52.8	79.2



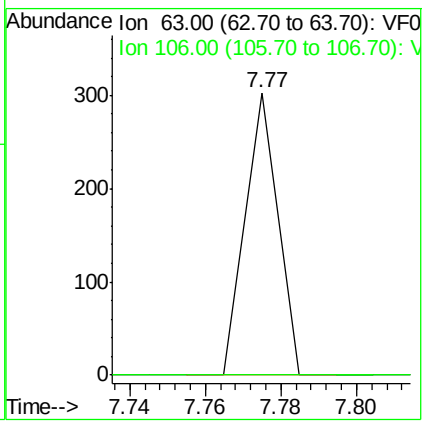


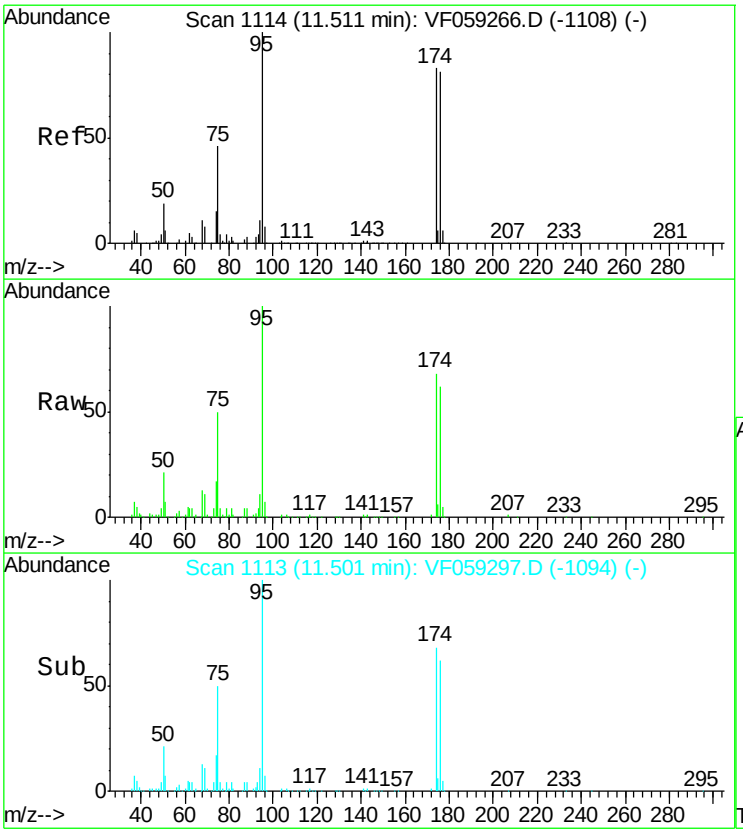
#58
2-Chloroethyl Vinyl ether
Concen: 1.093 ug/l
RT: 7.77 min Scan# 735
Delta R.T. -0.00 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tgt Ion: 63 Resp: 179

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

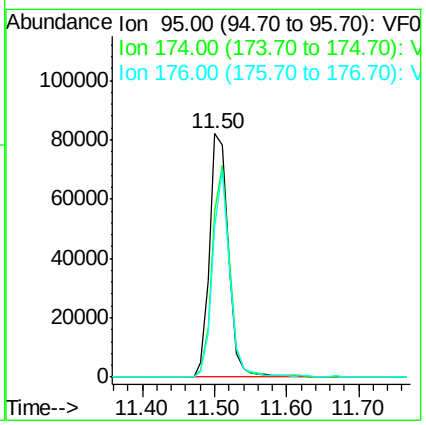


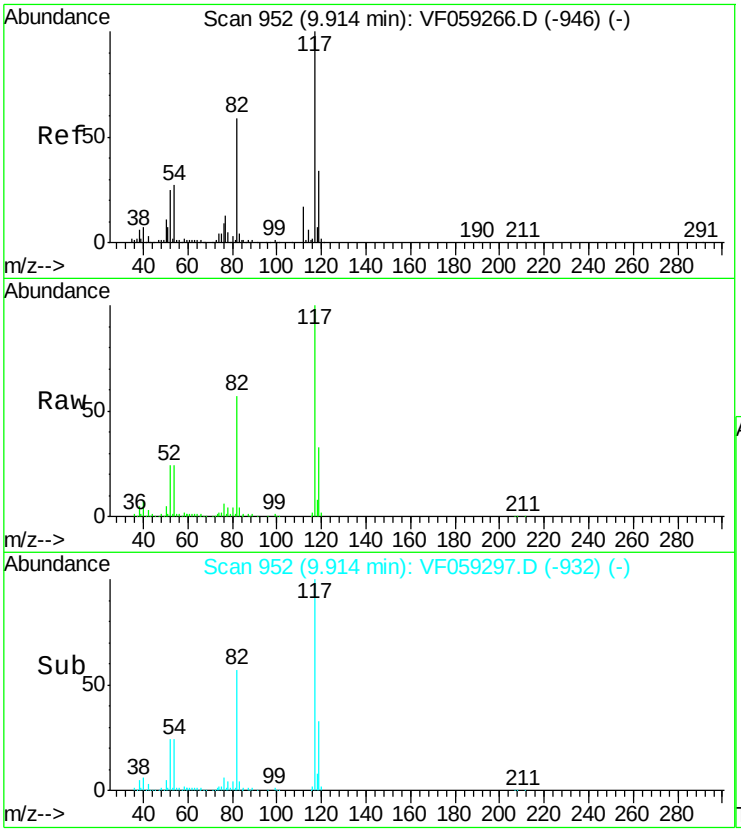


#62
4-Bromofluorobenzene
Concen: 46.226 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion: 95 Resp: 147859

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	166.2
176	61.8	0.0	162.8



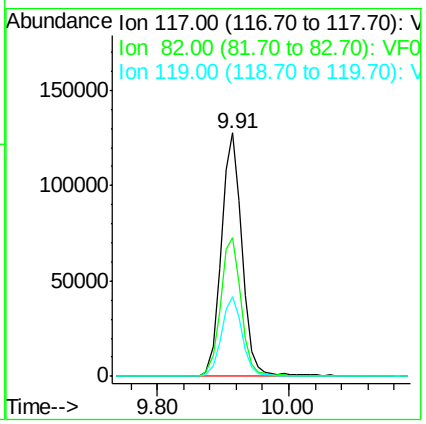


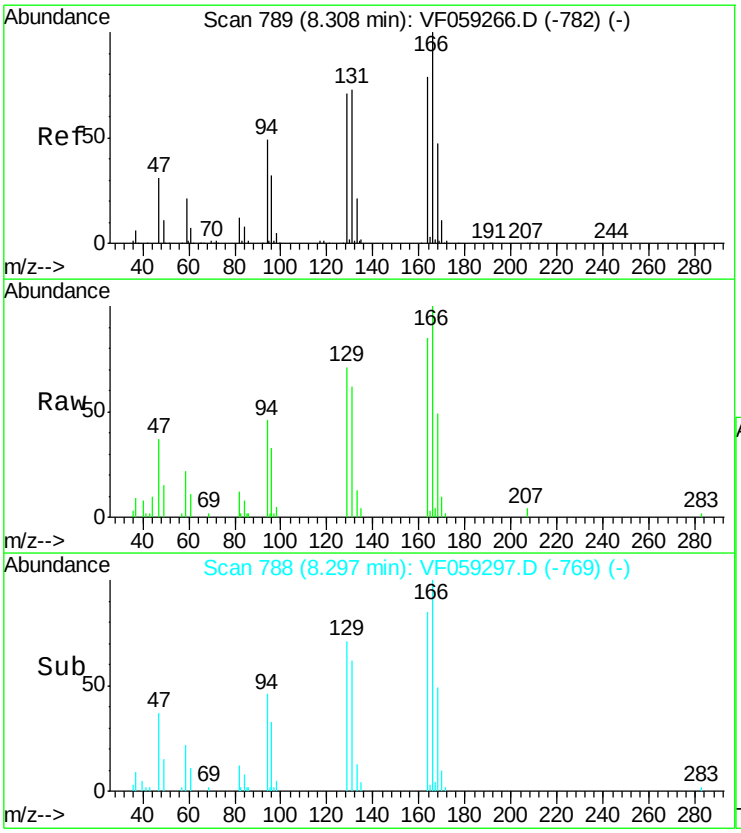
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tgt Ion:117 Resp: 280939

Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.1	70.7
119	33.0	26.9	40.3

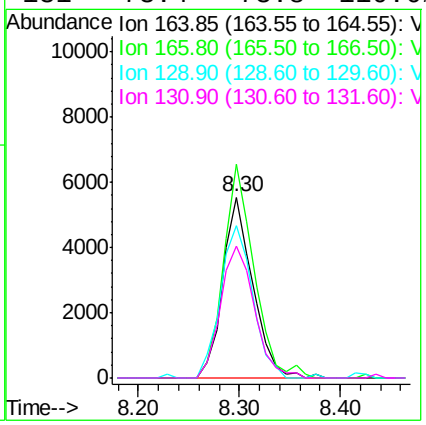


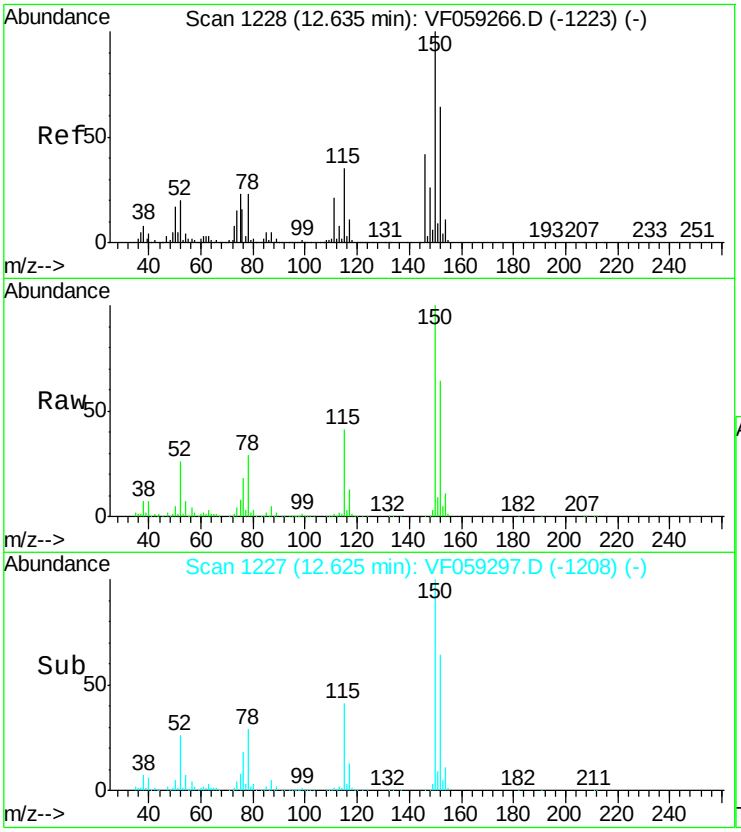


#64
Tetrachloroethene
Concen: 5.317 ug/l
RT: 8.30 min Scan# 788
Delta R.T. -0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Tgt Ion:164 Resp: 11471

Ion	Ratio	Lower	Upper
164	100		
166	118.3	101.4	152.2
129	84.4	72.2	108.4
131	73.4	73.8	110.6#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059297.D
Acq: 23 Jun 2018 2:06

Instrument :
MSVOA_F
ClientSampleId :
S-5(4-4.5)

Tgt Ion:152 Resp: 176545

Ion	Ratio	Lower	Upper
152	100		
115	63.4	27.8	83.3
150	155.5	0.0	313.8