Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081718\

Quantitation Report (Not Reviewed)

Data File : VF059985.D
Acq On : 17 Aug 2018 21:45
Operator : VA/AP
Sample : VF0817SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0817SBL01

Quant Time: Aug 18 01:26:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	140825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	186969	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.94	117	194297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	141869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	126114	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.78%			
35) Dibromofluoromethane	4.30	113	100692	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.38%			
50) Toluene-d8	7.72	98	214282	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.86%			
62) 4-Bromofluorobenzene	11.52	95	124070	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.16%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	3620	1.272	ug/l	91
10) Methyl Iodide	1.94	142	3744	1.546	ug/l #	81
11) Tert butyl alcohol	2.69	59	539	3.402	ug/l #	76
13) Acrolein	2.10	56	426	17.623	ug/l #	81
15) Acrylonitrile	3.06	53	1049	4.095	ug/l #	11
16) Acetone	2.35	43	3071	Below Cal	#	89
18) Methyl Acetate	2.49	43	1891	Below Cal	#	63
20) Methylene Chloride	2.29	84	9177	2.205	ug/l	98
37) Ethyl Acetate	4.21	43	3547	3.013	ug/l #	22
39) Methylcyclohexane	5.77	83	3398	2.127	ug/l #	31
51) 4-Methyl-2-Pentanone	8.41	43	1266	1.046	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.71	63	224	2.130	ug/l	100
59) 2-Hexanone	9.63	43	1710	1.711	ug/l	68

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

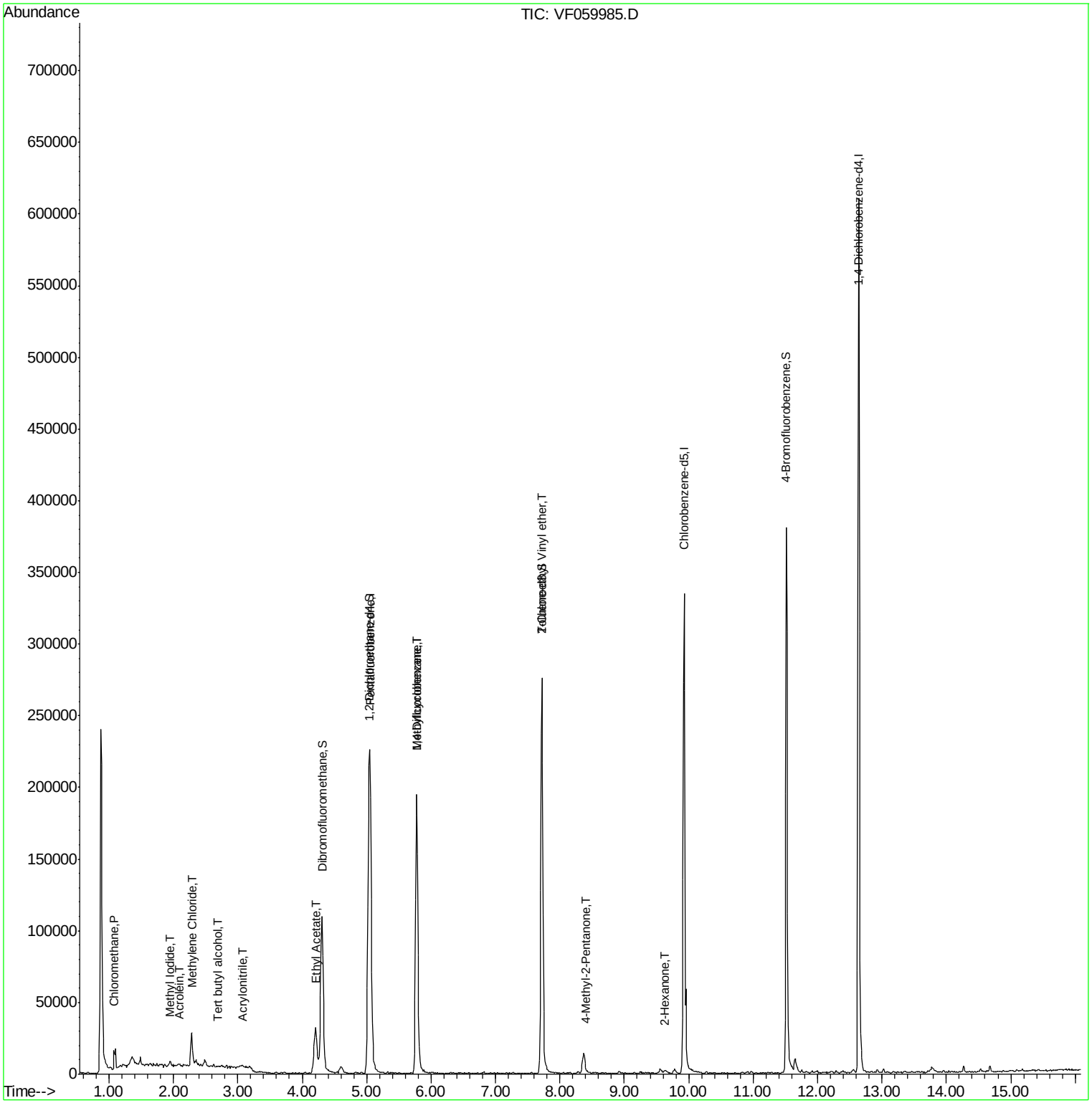
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081718\

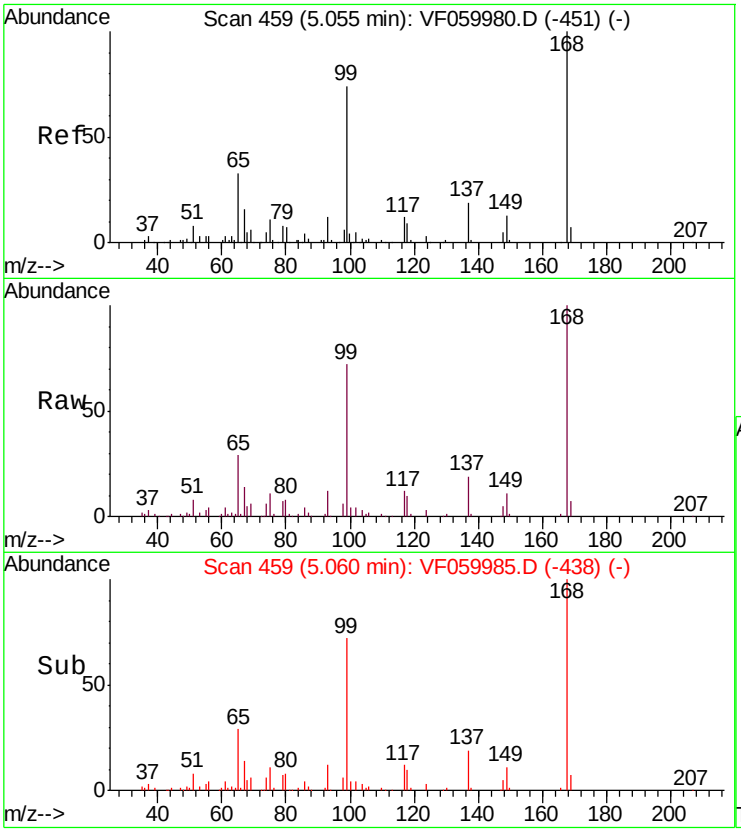
Quantitation Report (Not Reviewed)

Data File : VF059985.D
Acq On : 17 Aug 2018 21:45
Operator : VA/AP
Sample : VF0817SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0817SBL01

Quant Time: Aug 18 01:26:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration



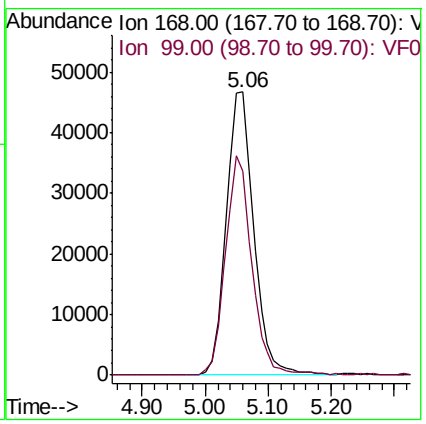


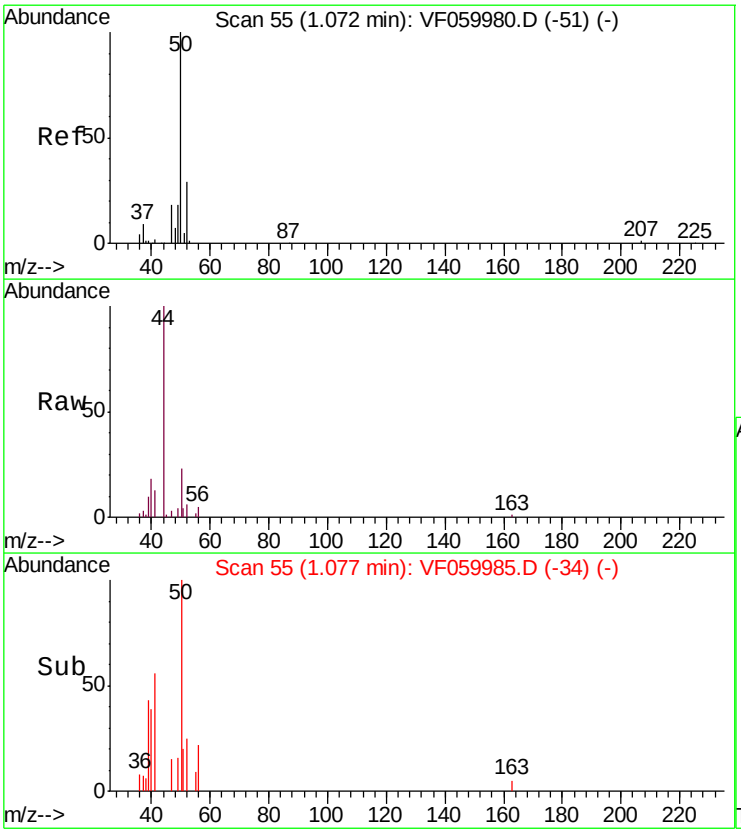
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument :
MSVOA_F
ClientSampleId :
VF0817SBL01

Tgt Ion:168 Resp: 140825

Ion	Ratio	Lower	Upper
168	100		
99	72.2	59.0	88.6

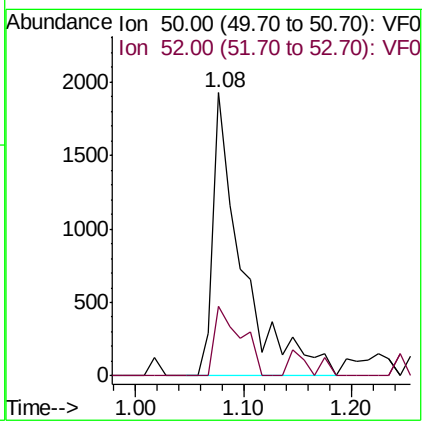


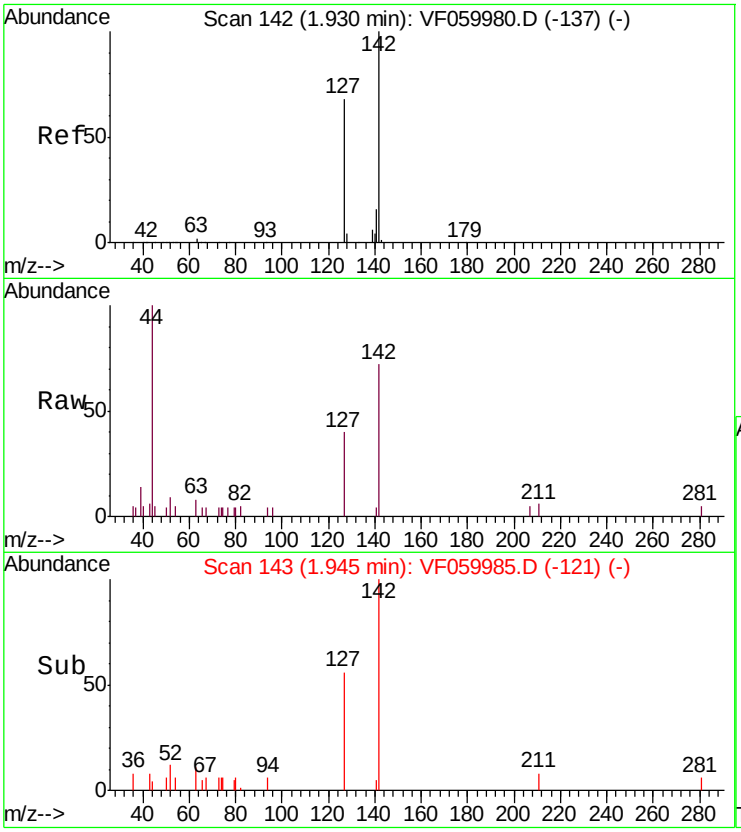


#3
Chloromethane
Concen: 1.272 ug/l
RT: 1.08 min Scan# 55
Delta R.T. 0.01 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion: 50 Resp: 3620

Ion	Ratio	Lower	Upper
50	100		
52	24.6	23.6	35.4



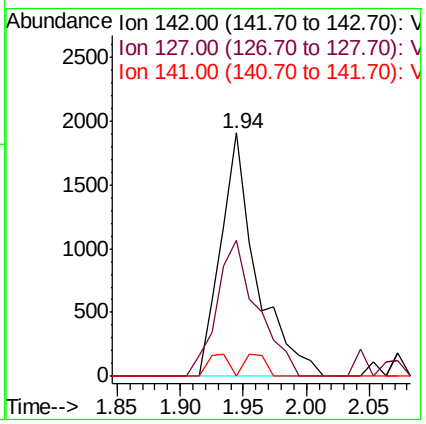


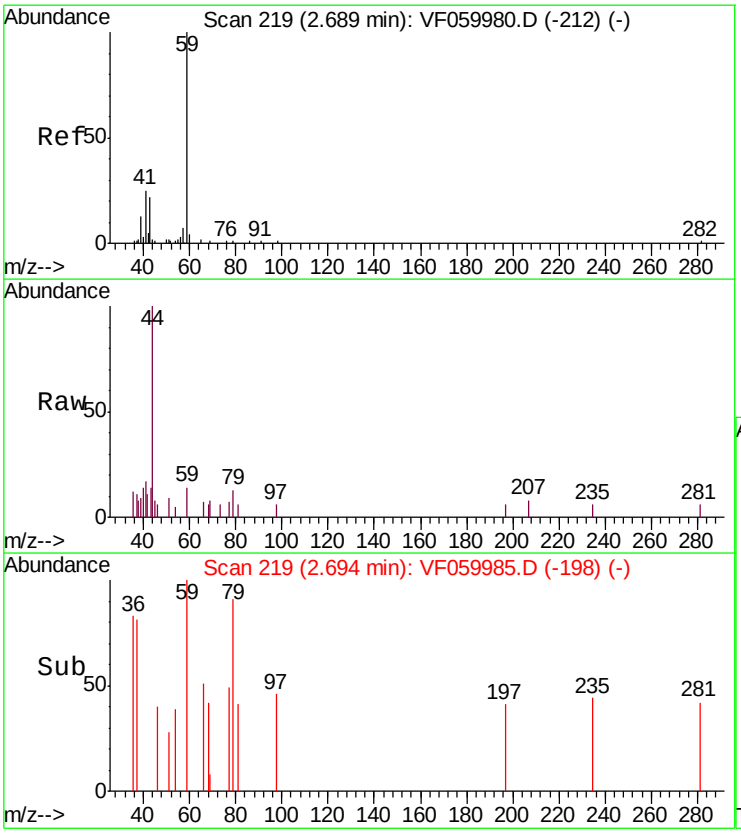
#10
Methyl Iodide
Concen: 1.546 ug/l
RT: 1.94 min Scan# 143
Delta R.T. 0.01 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument :
MSVOA_F
ClientSampleId :
VF0817SBL01

Tgt Ion:142 Resp: 3744

Ion	Ratio	Lower	Upper
142	100		
127	55.8	54.1	81.1
141	0.0	12.5	18.7#

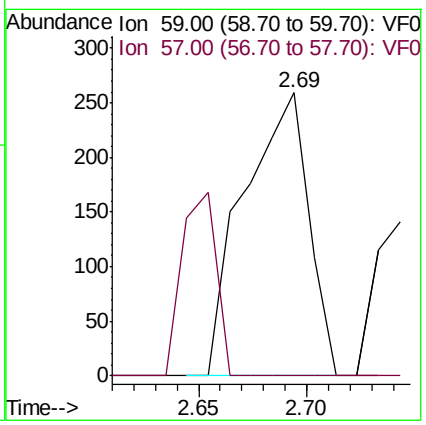


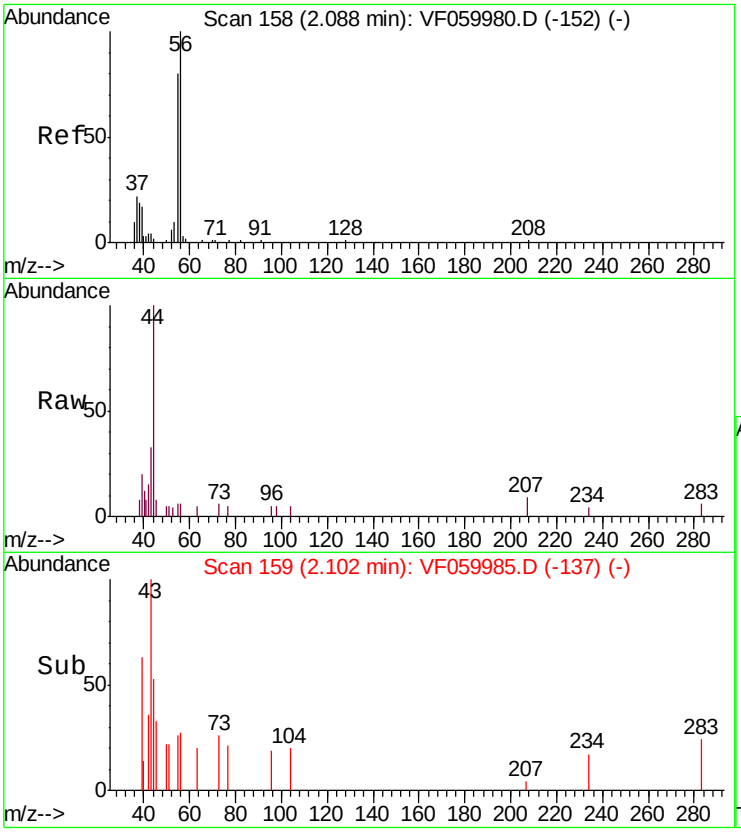


#11
Tert butyl alcohol
Concen: 3.402 ug/l
RT: 2.69 min Scan# 219
Delta R.T. 0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion: 59 Resp: 539

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.8	10.2#



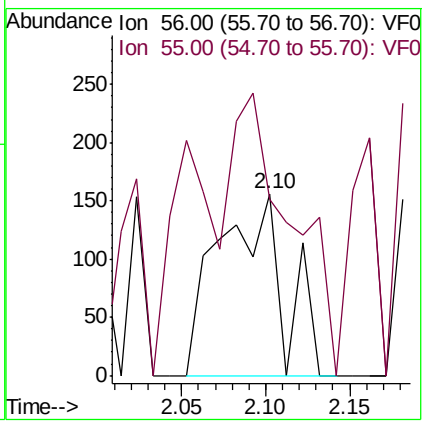


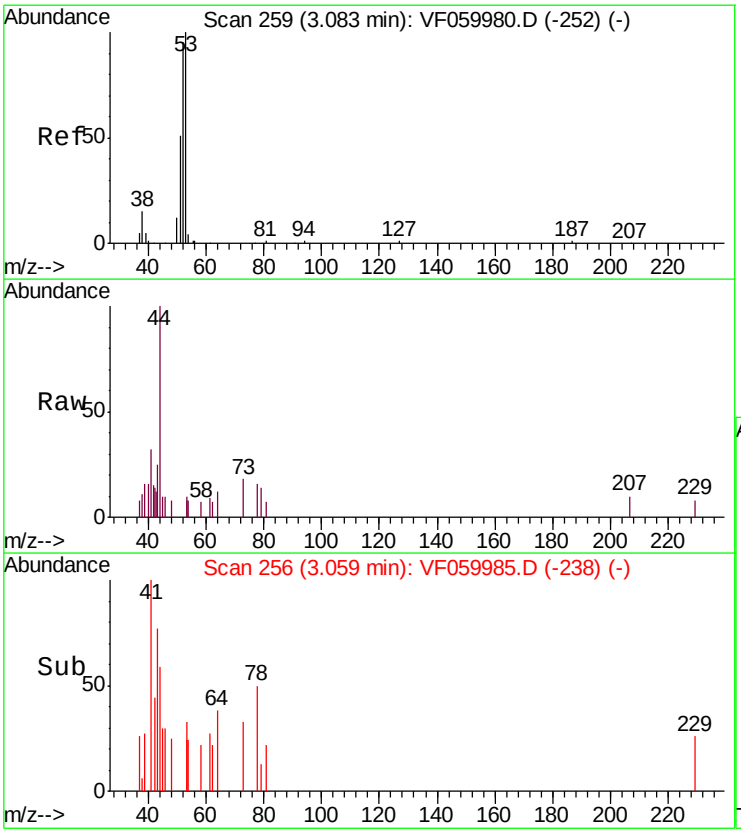
#13
Acrolein
Concen: 17.623 ug/l
RT: 2.10 min Scan# 159
Delta R.T. 0.02 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument : MSVOA_F
ClientSampleId : VF0817SBL01

Tgt Ion: 56 Resp: 426

Ion	Ratio	Lower	Upper
56	100		
55	96.8	63.8	95.6#

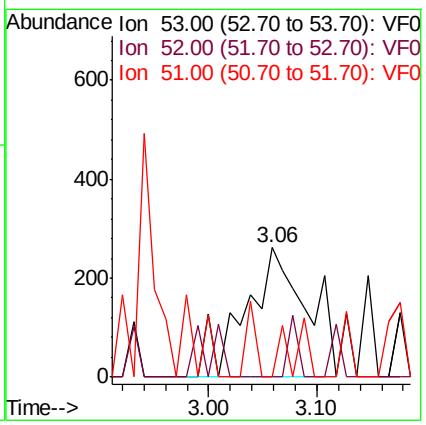


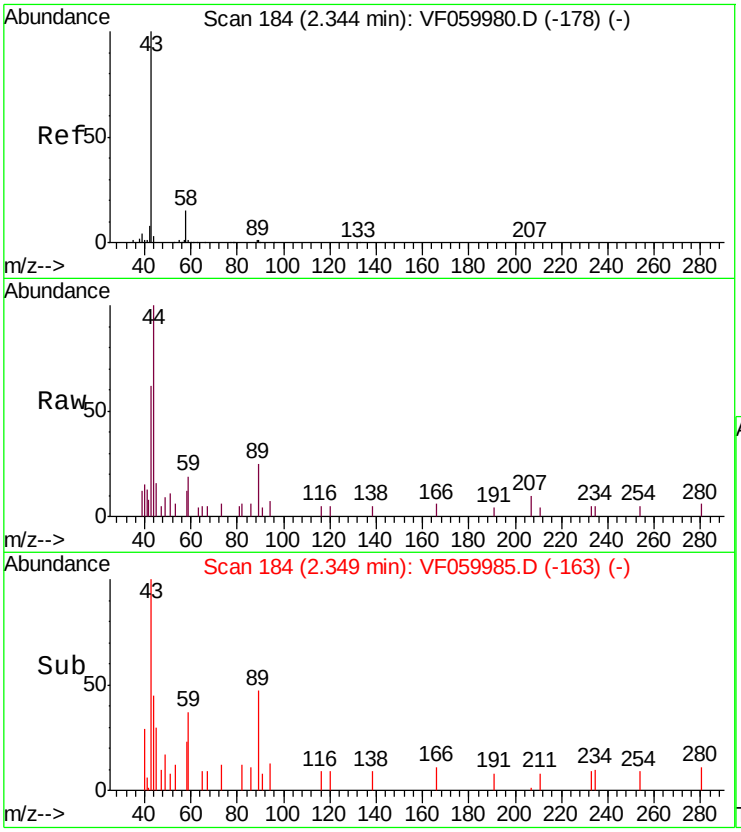


#15
Acrylonitrile
Concen: 4.095 ug/l
RT: 3.06 min Scan# 256
Delta R.T. -0.02 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion: 53 Resp: 1049

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.0	114.0#
51	0.0	41.9	62.9#



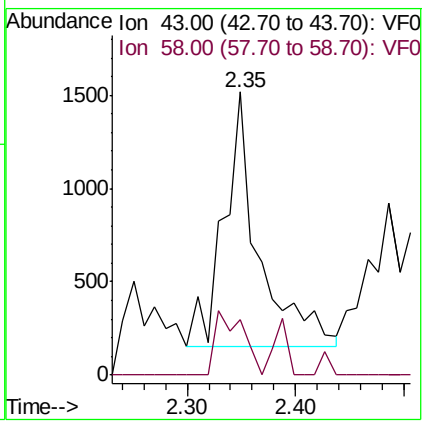


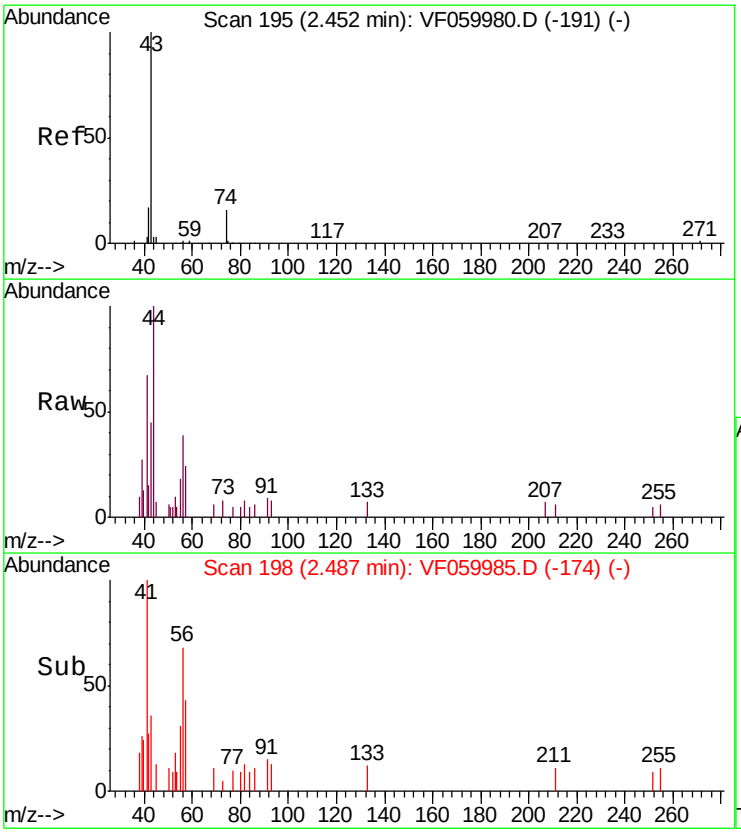
#16
Acetone
Concen: Below Cal
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument :
MSVOA_F
ClientSampleId :
VF0817SBL01

Tgt Ion: 43 Resp: 3071

Ion	Ratio	Lower	Upper
43	100		
58	19.5	11.9	17.9#

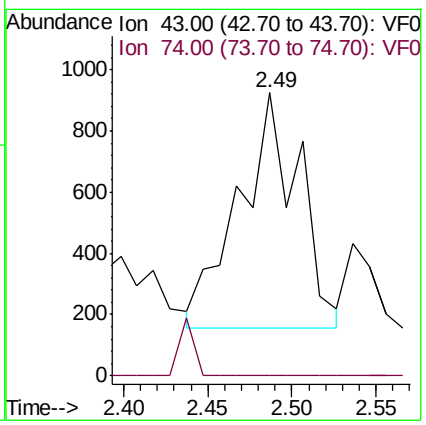


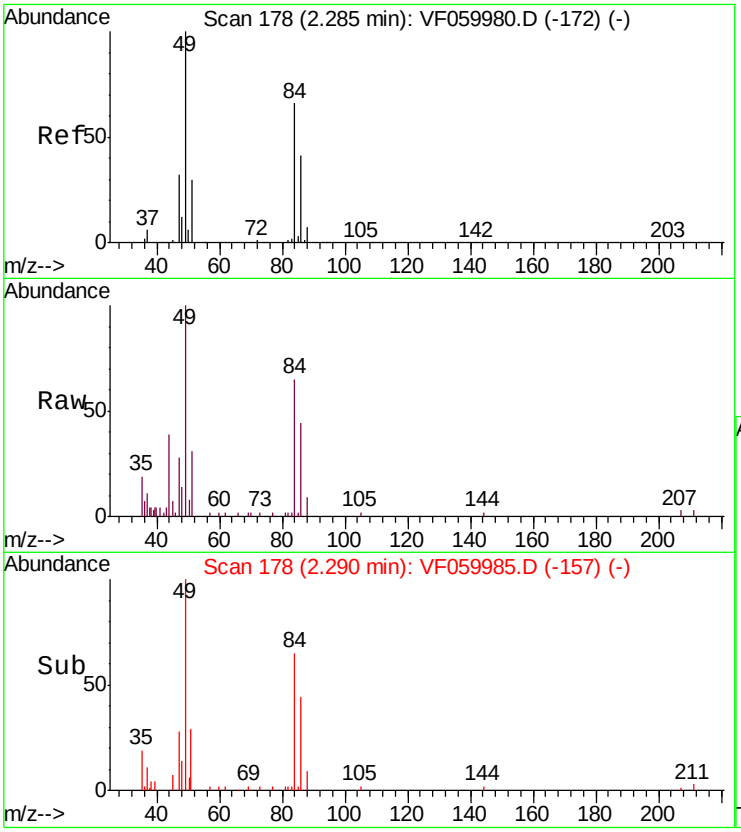


#18
Methyl Acetate
Concen: Below Cal
RT: 2.49 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion: 43 Resp: 1891

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.3	18.5#



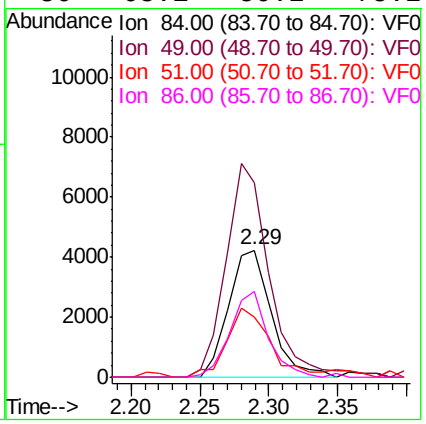


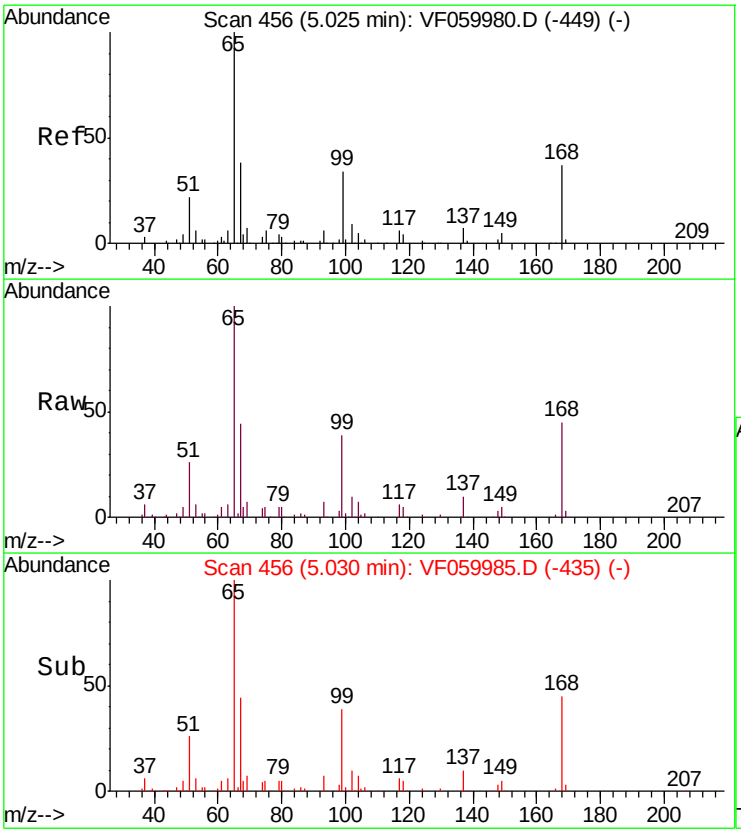
#20
Methylene Chloride
Concen: 2.205 ug/l
RT: 2.29 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument :
MSVOA_F
ClientSampleId :
VF0817SBL01

Tgt Ion: 84 Resp: 9177

Ion	Ratio	Lower	Upper
84	100		
49	153.8	122.5	183.7
51	47.4	37.1	55.7
86	68.1	50.2	75.2

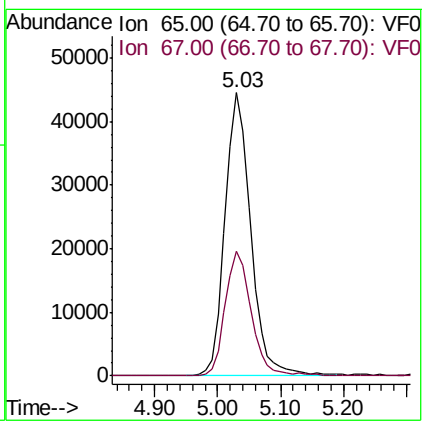


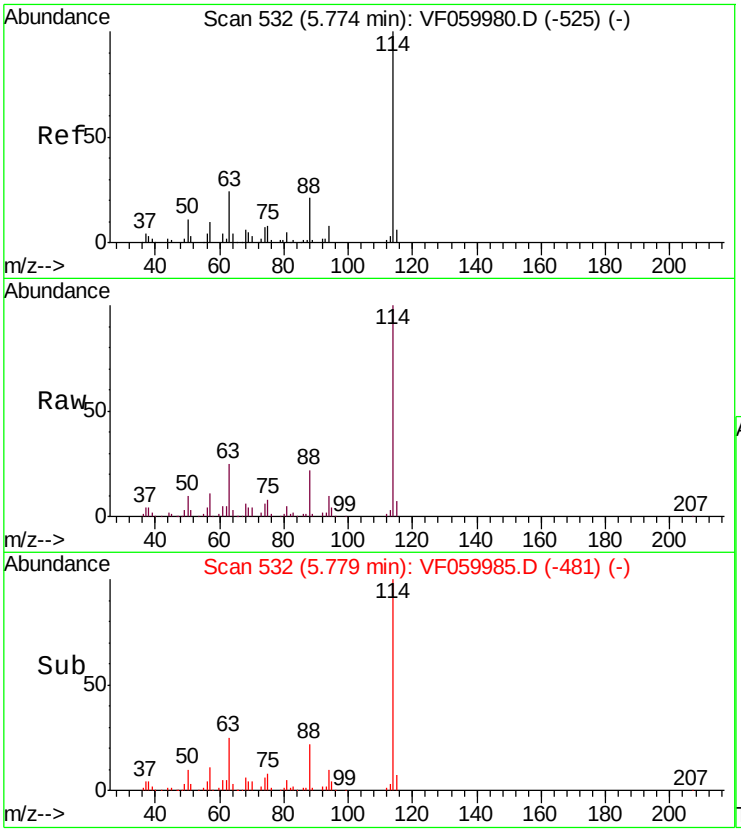


#33
1,2-Dichloroethane-d4
Concen: 46.394 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion: 65 Resp: 126114

Ion	Ratio	Lower	Upper
65	100		
67	44.0	0.0	82.6



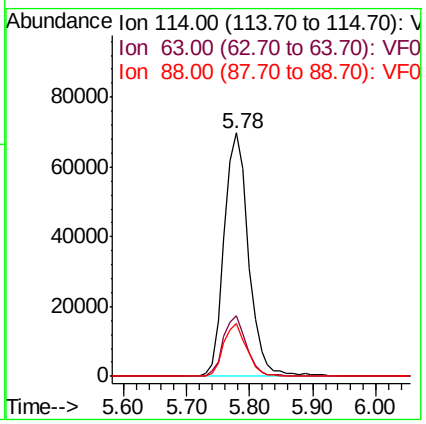


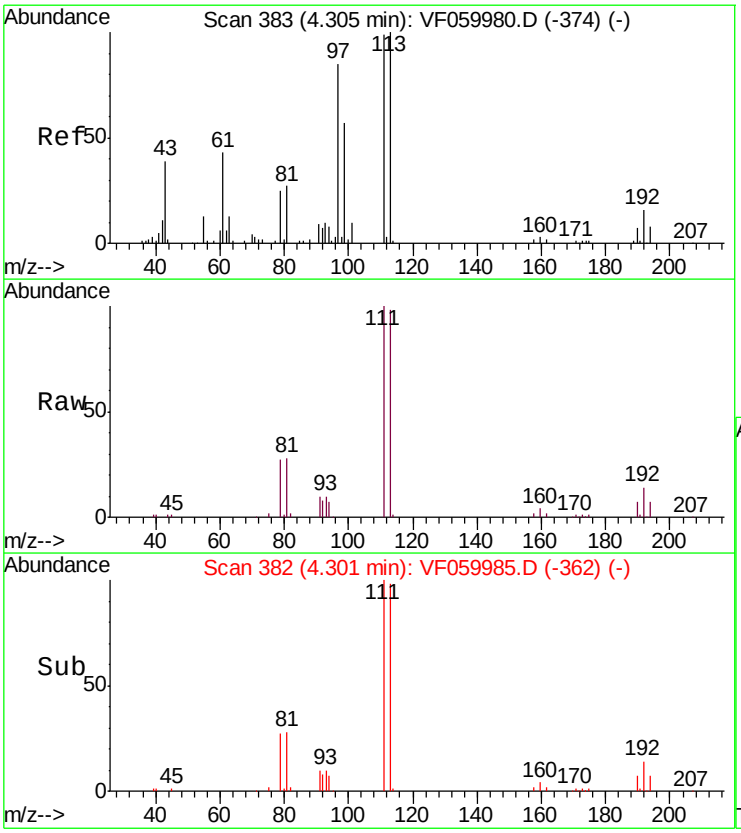
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument :
MSVOA_F
ClientSampleId :
VF0817SBL01

Tgt Ion:114 Resp: 186969

Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	48.6
88	21.7	0.0	42.8

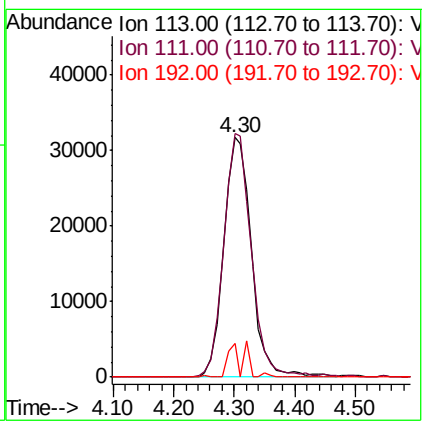


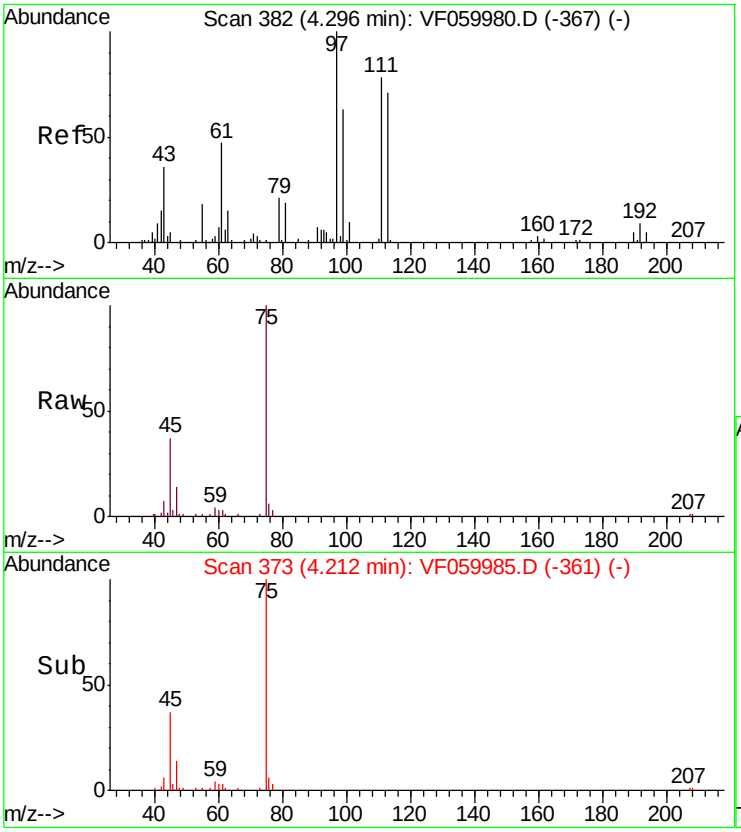


#35
Dibromofluoromethane
Concen: 52.695 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion:113 Resp: 100692

Ion	Ratio	Lower	Upper
113	100		
111	101.8	79.5	119.3
192	14.1	12.4	18.6



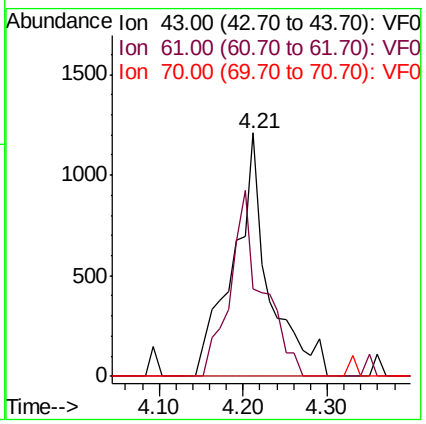


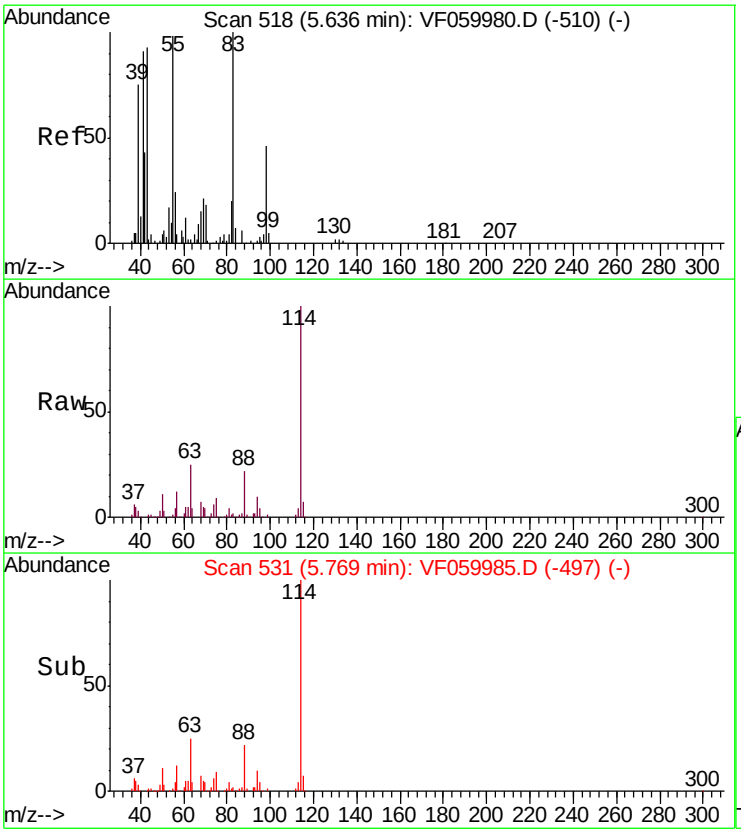
#37
Ethyl Acetate
Concen: 3.013 ug/l
RT: 4.21 min Scan# 373
Delta R.T. -0.08 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument : MSVOA_F
ClientSampleId : VF0817SBL01

Tgt Ion: 43 Resp: 3547

Ion	Ratio	Lower	Upper
43	100		
61	36.2	104.5	156.7#
70	0.0	5.9	8.9#

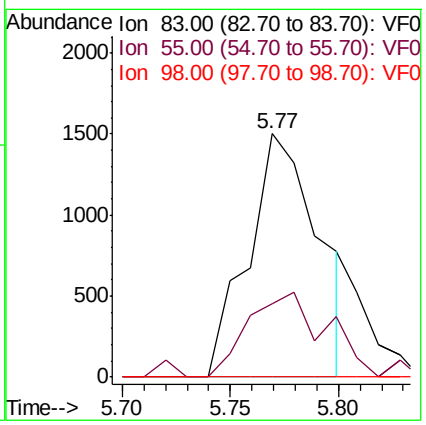


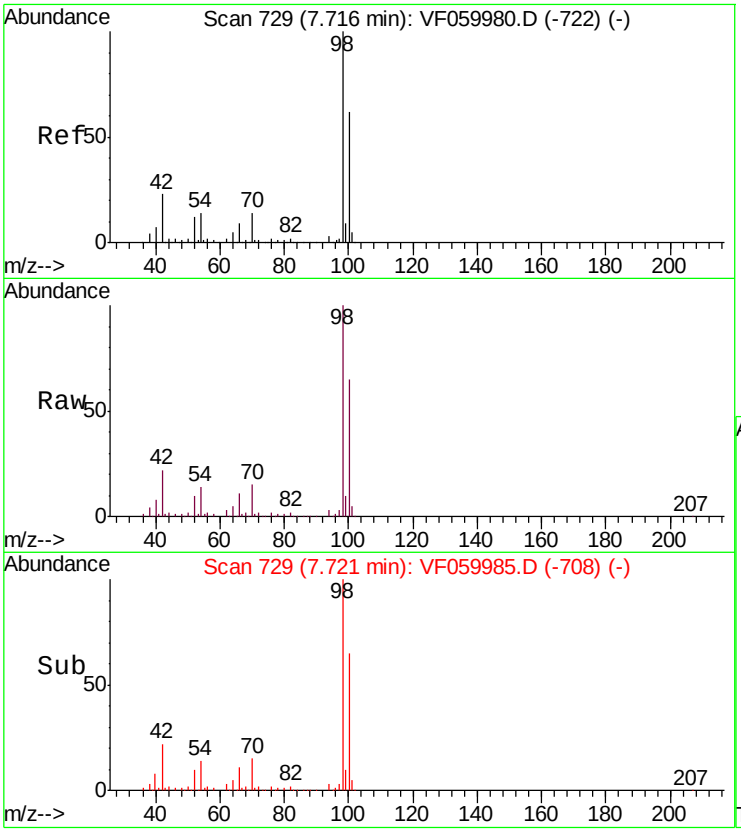


#39
Methylcyclohexane
Concen: 2.127 ug/l
RT: 5.77 min Scan# 531
Delta R.T. 0.13 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion: 83 Resp: 3398

Ion	Ratio	Lower	Upper
83	100		
55	30.1	78.8	118.2#
98	0.0	36.8	55.2#



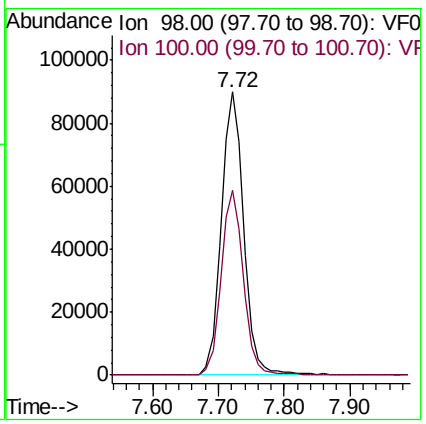


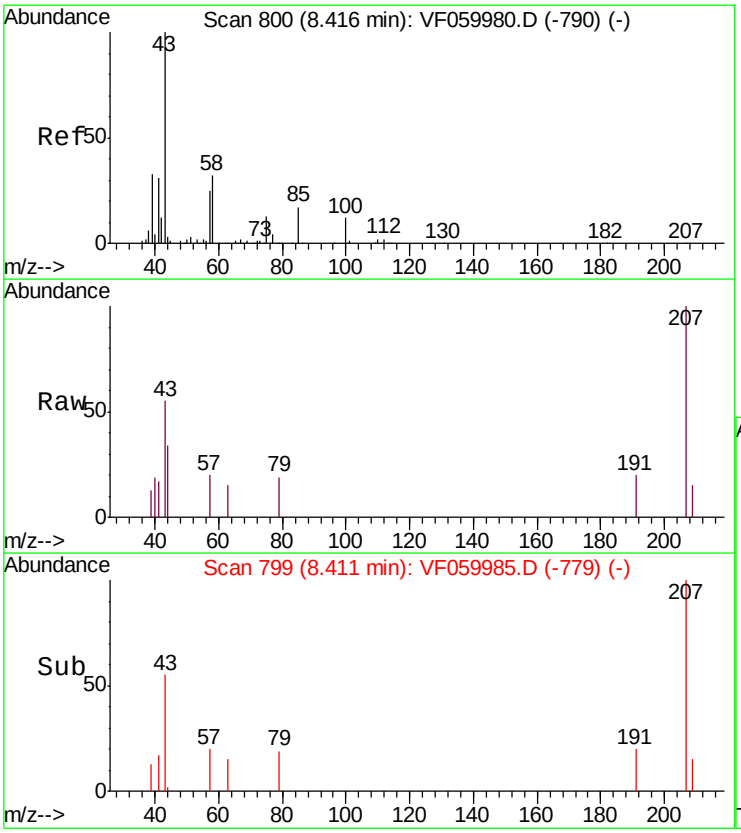
#50
Toluene-d8
Concen: 50.427 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument :
MSVOA_F
ClientSampleId :
VF0817SBL01

Tgt Ion: 98 Resp: 214282

Ion	Ratio	Lower	Upper
98	100		
100	65.4	49.8	74.8

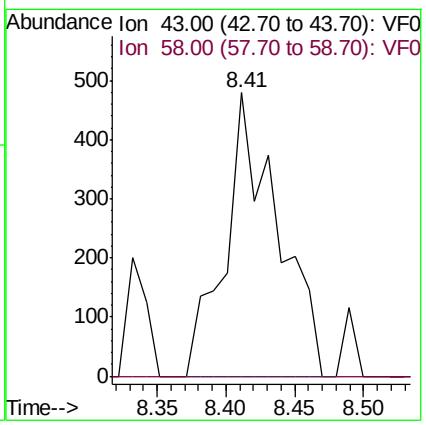


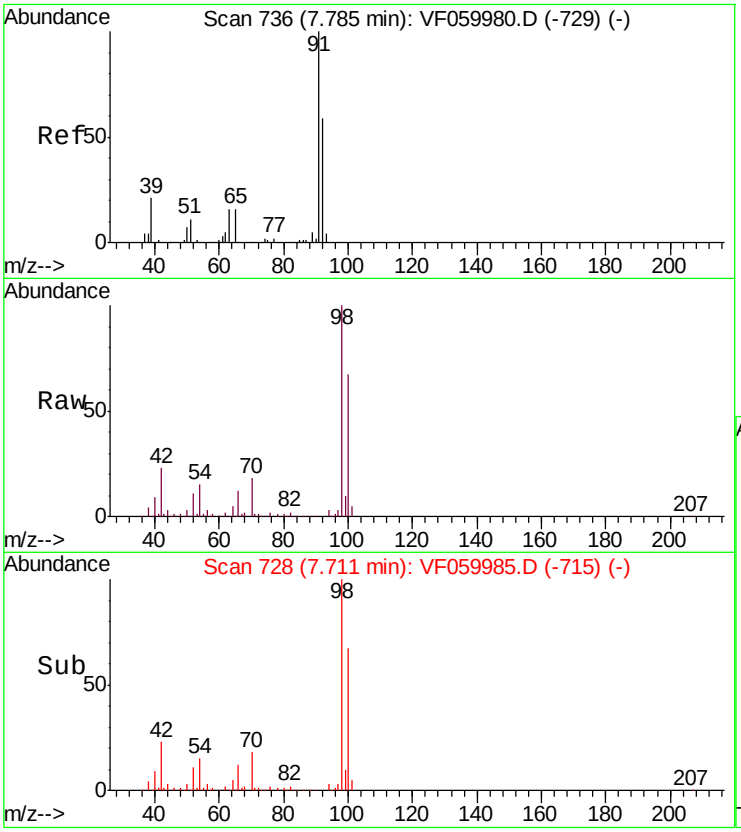


#51
4-Methyl-2-Pentanone
Concen: 1.046 ug/l
RT: 8.41 min Scan# 799
Delta R.T. -0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion: 43 Resp: 1266

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	38.4#



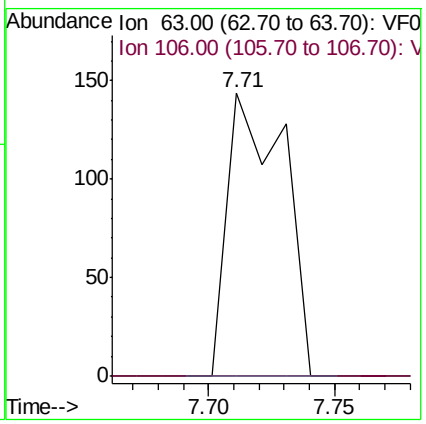


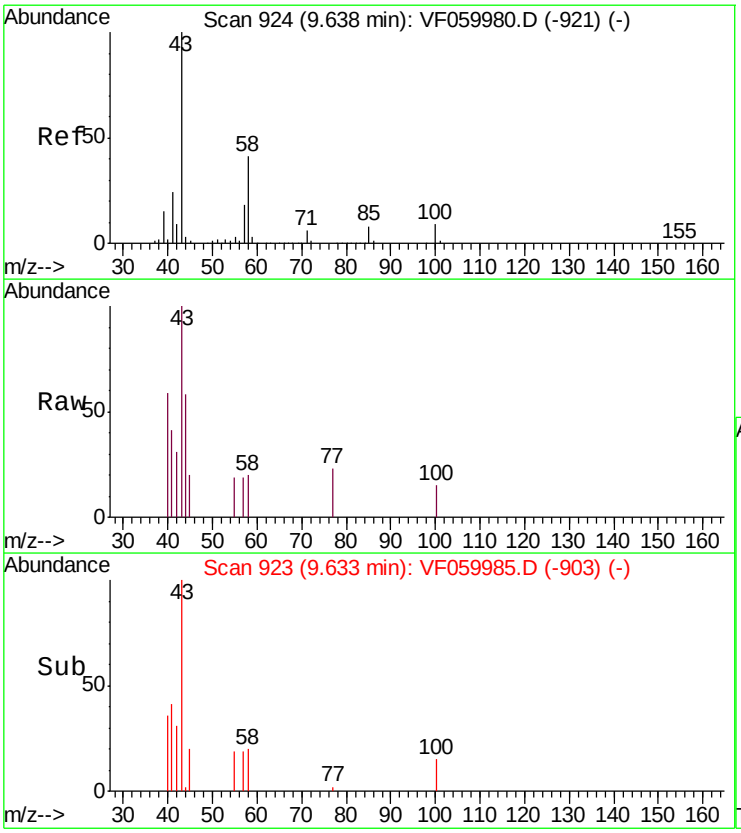
#58
2-Chloroethyl Vinyl ether
Concen: 2.130 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.07 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument :
MSVOA_F
ClientSampleId :
VF0817SBL01

Tgt Ion: 63 Resp: 224

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

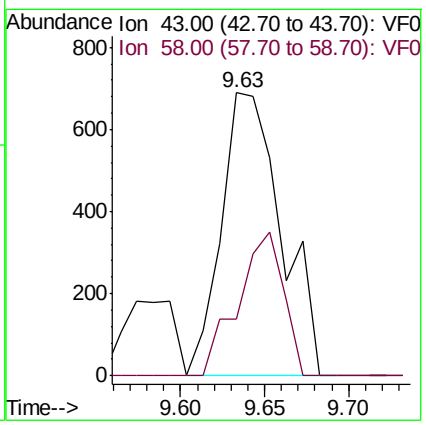


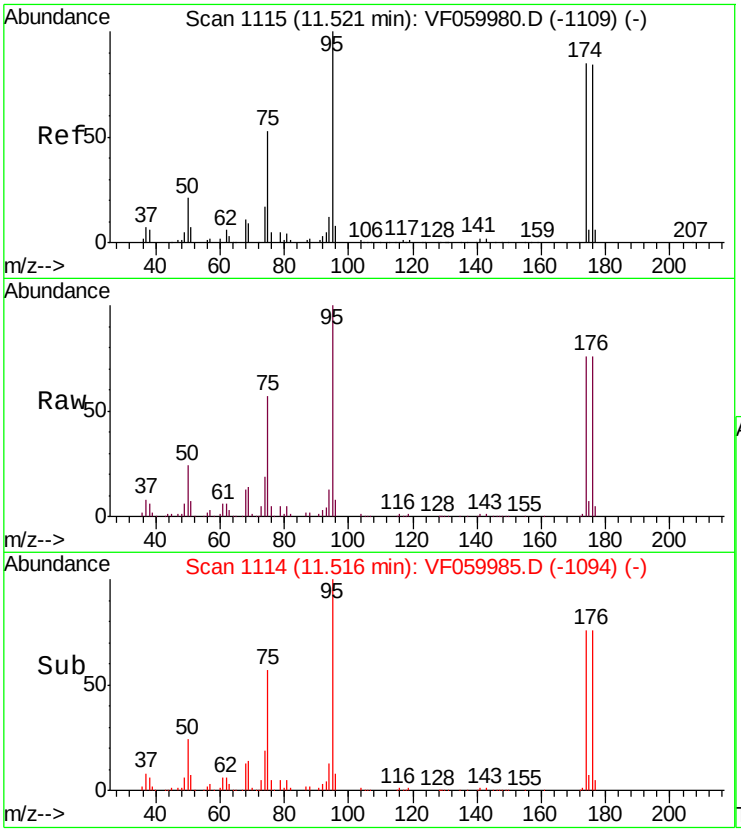


#59
2-Hexanone
Concen: 1.711 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion: 43 Resp: 1710

Ion	Ratio	Lower	Upper
43	100		
58	20.2	20.1	60.3



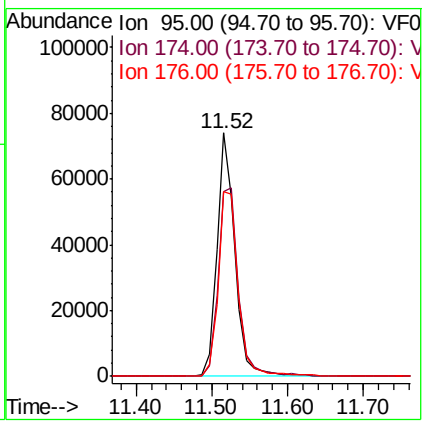


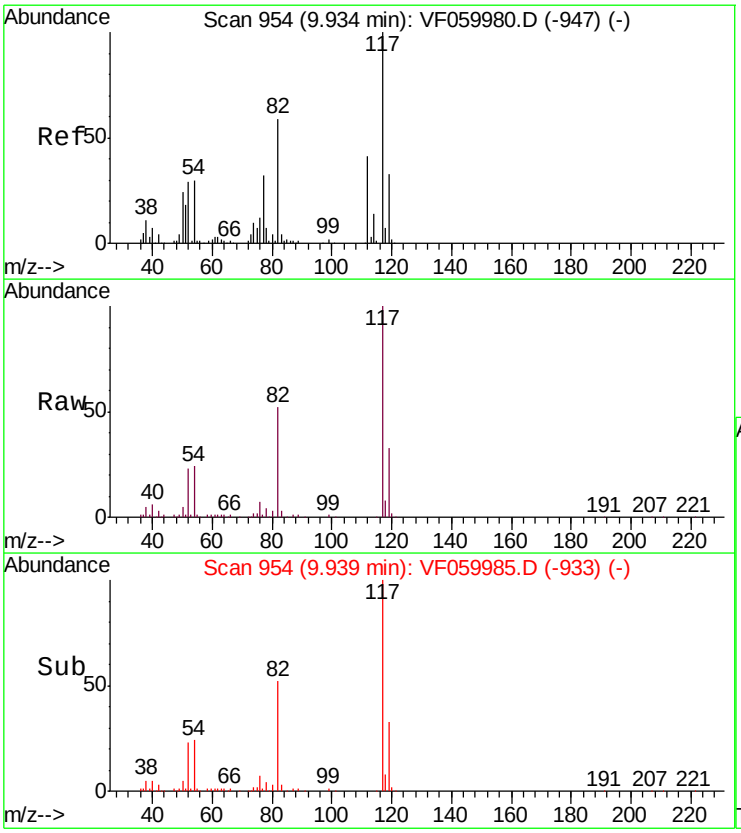
#62
4-Bromofluorobenzene
Concen: 47.578 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument : MSVOA_F
ClientSampleId : VF0817SBL01

Tgt Ion: 95 Resp: 124070

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	169.8
176	75.7	0.0	167.8

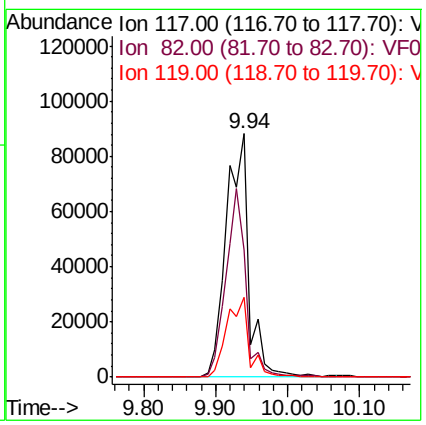


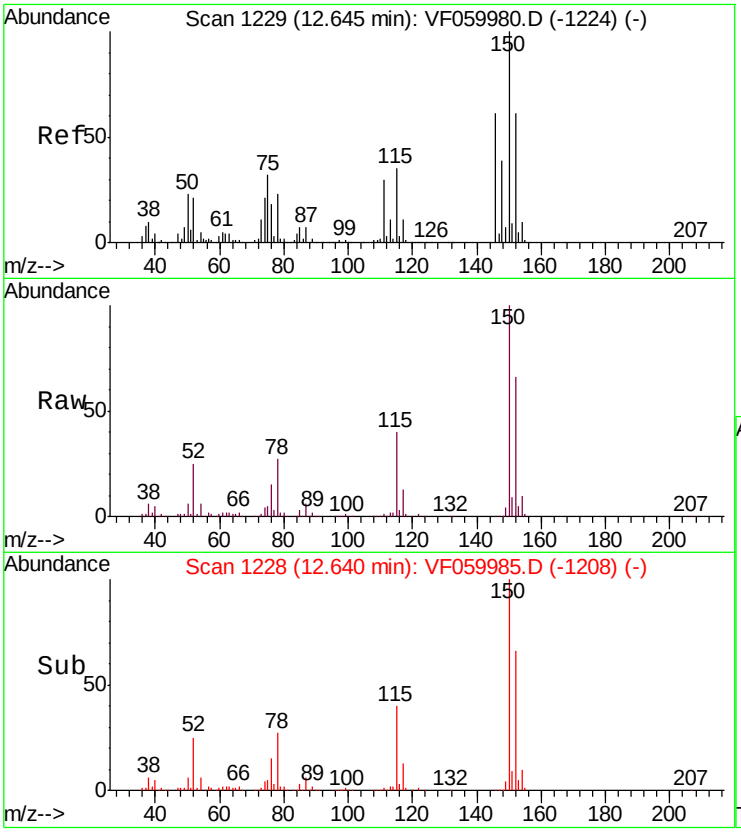


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Tgt Ion:117 Resp: 194297

Ion	Ratio	Lower	Upper
117	100		
82	52.2	47.2	70.8
119	32.5	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059985.D
Acq: 17 Aug 2018 21:45

Instrument :
MSVOA_F
ClientSampleId :
VF0817SBL01

Tgt Ion:152 Resp: 141869

Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.1	87.3
150	151.2	0.0	330.2