Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061918\
Data File : VF059217.D
Acq On : 20 Jun 2018 6:17
Operator : VA/AP
Sample : J3575-02
Misc : 12.57g/5mL/MSVOA-F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 20 06:55:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	231774	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	382175	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	363976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	205407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	171088	60.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.72%			
35) Dibromofluoromethane	4.28	113	161371	60.18	ug/l	-0.01
Spiked Amount 50.000			Recovery = 120.36%			
50) Toluene-d8	7.70	98	377000	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.70%			
62) 4-Bromofluorobenzene	11.51	95	196150	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.08%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.67	59	216	1.199	ug/l #	71
13) Acrolein	2.07	56	293	1.880	ug/l #	62
15) Acrylonitrile	3.05	53	501	1.401	ug/l #	8
16) Acetone	2.32	43	4101	6.111	ug/l	99
20) Methylene Chloride	2.27	84	5449	3.391	ug/l	91
29) Tetrahydrofuran	4.26	42	861	1.878	ug/l #	49
39) Methylcyclohexane	5.76	83	4536	1.201	ug/l #	45
49) 1,4-Dioxane	6.48	88	140	22.121	ug/l #	7
58) 2-Chloroethyl Vinyl ether	7.78	63	450	2.225	ug/l	100
89) n-Butylbenzene	12.92	91	552	Below Cal	#	63

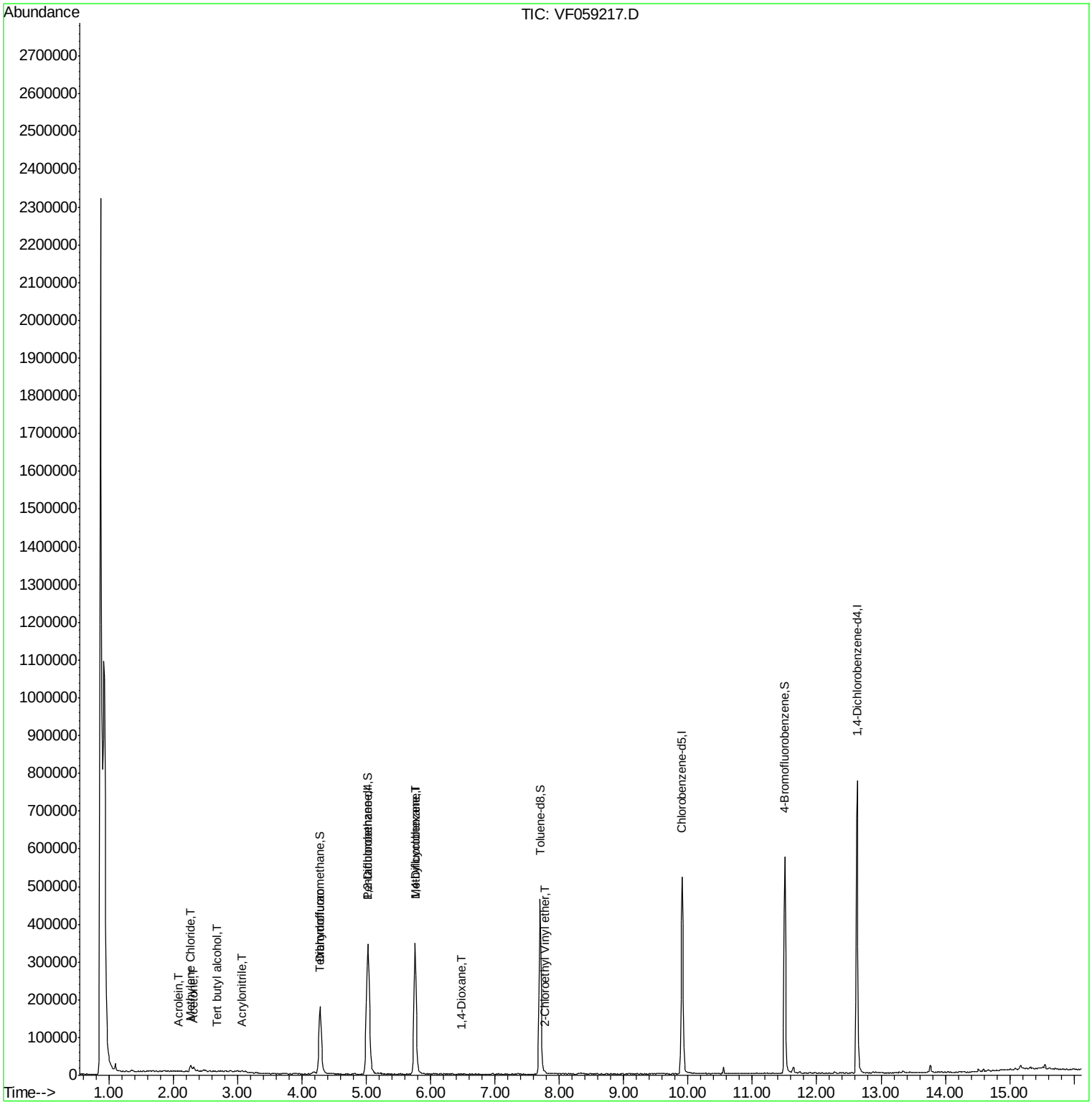
(#) = qualifier out of range (m) = manual integration (+) = signals summed

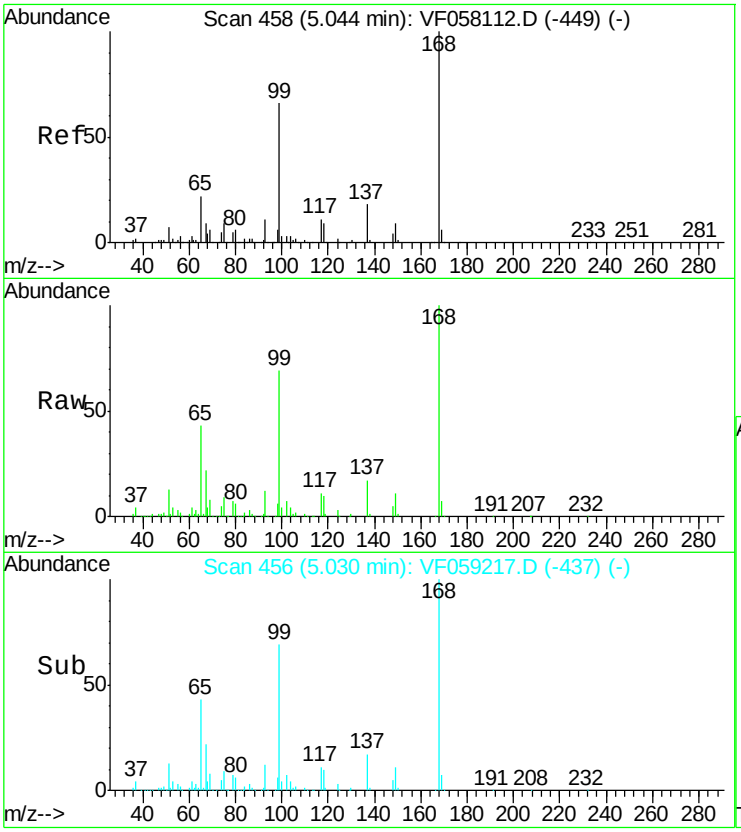
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059217.D
Acq On : 20 Jun 2018 6:17
Operator : VA/AP
Sample : J3575-02
Misc : 12.57g/5mL/MSVOA-F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 20 06:55:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration



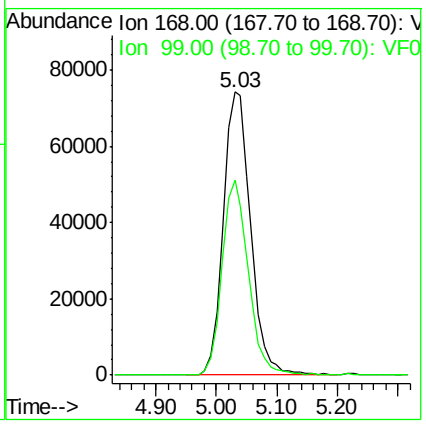


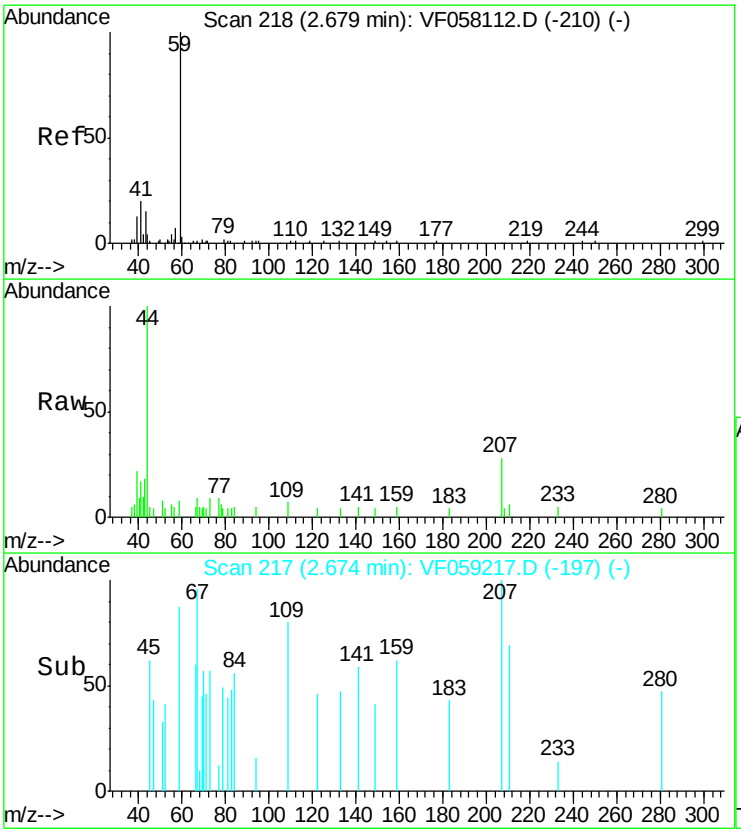
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.01 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 231774

Ion	Ratio	Lower	Upper
168	100		
99	68.9	52.9	79.3

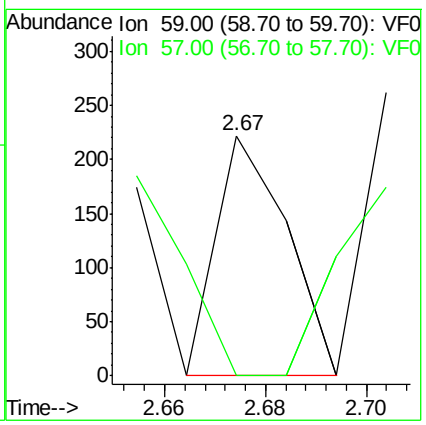


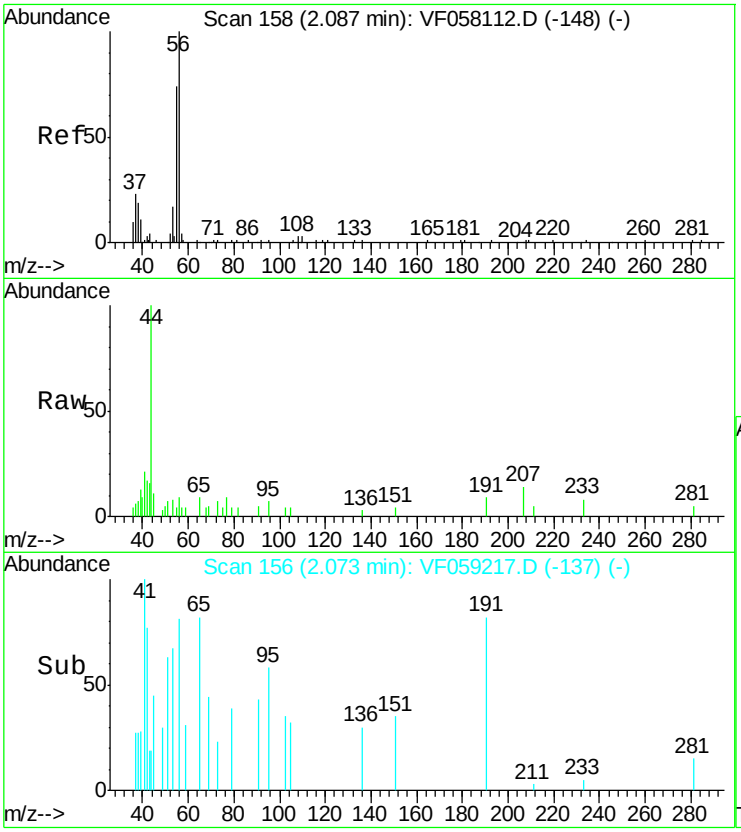


#11
Tert butyl alcohol
Concen: 1.199 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.00 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Tgt Ion: 59 Resp: 216

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



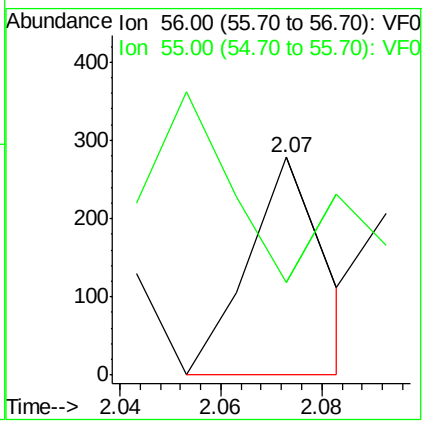


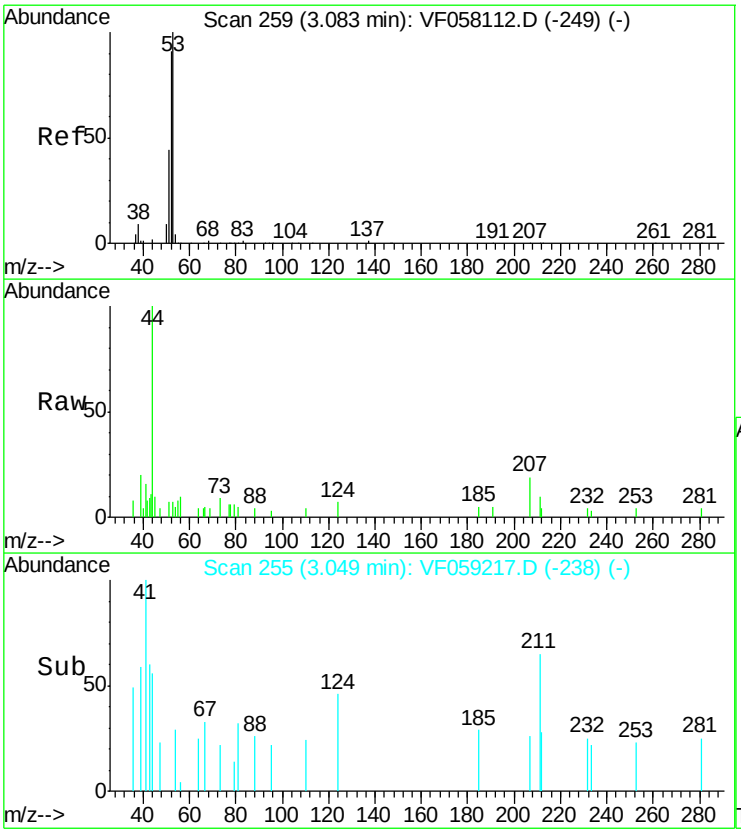
#13
Acrolein
Concen: 1.880 ug/l
RT: 2.07 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 293

Ion	Ratio	Lower	Upper
56	100		
55	42.8	60.0	90.0#

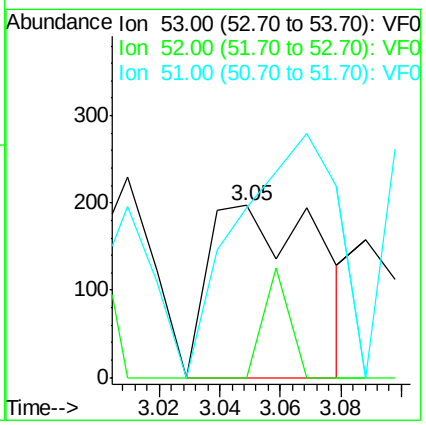


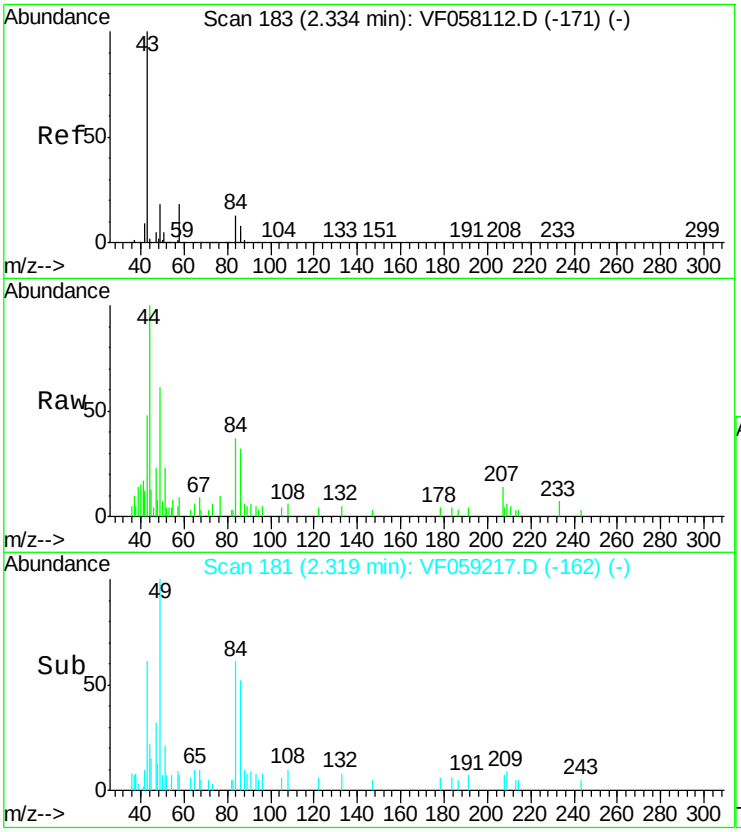


#15
Acrylonitrile
Concen: 1.401 ug/l
RT: 3.05 min Scan# 255
Delta R.T. -0.03 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Tgt Ion: 53 Resp: 501

Ion	Ratio	Lower	Upper
53	100		
52	0.0	73.2	109.8#
51	98.5	35.6	53.4#



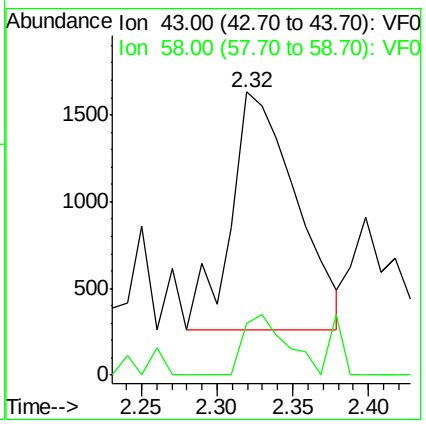


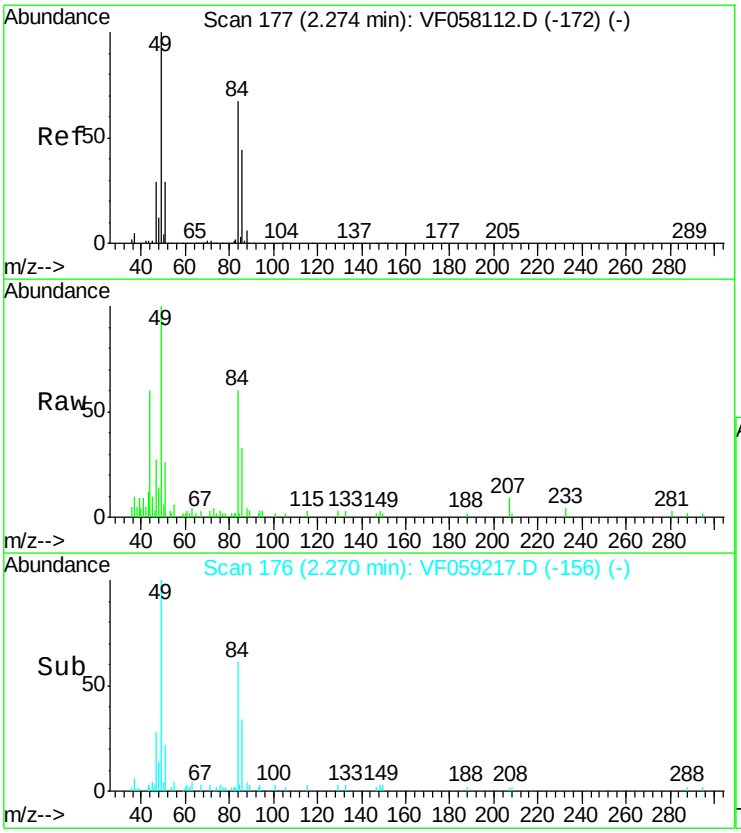
#16
Acetone
Concen: 6.111 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.01 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4101

Ion	Ratio	Lower	Upper
43	100		
58	18.4	14.4	21.6

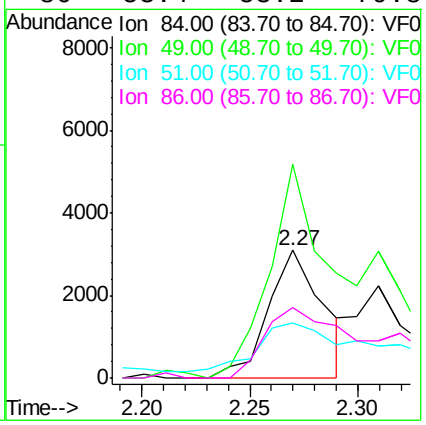


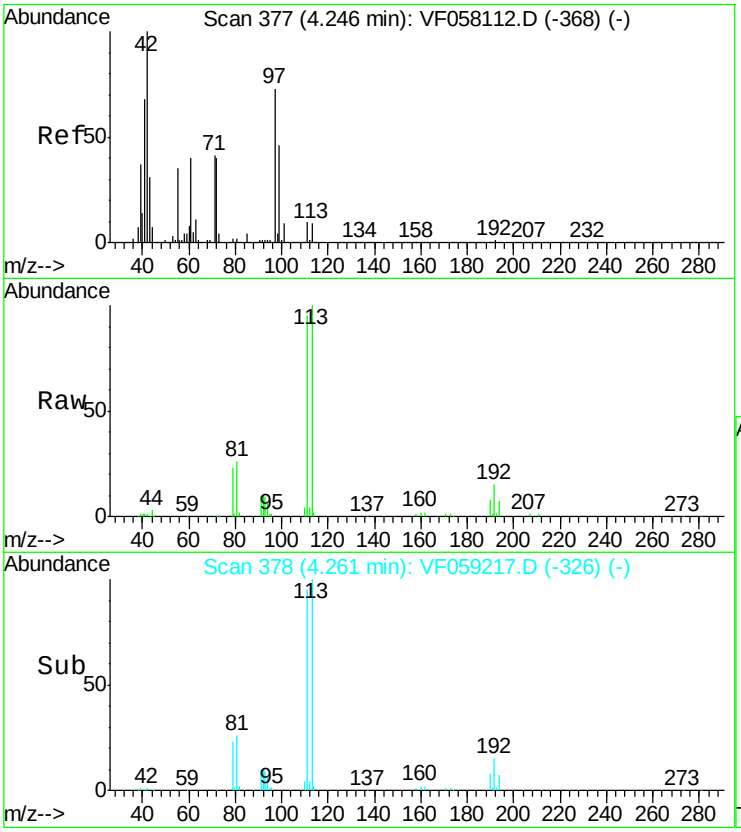


#20
Methylene Chloride
Concen: 3.391 ug/l
RT: 2.27 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Tgt Ion: 84 Resp: 5449

Ion	Ratio	Lower	Upper
84	100		
49	160.9	121.0	181.4
51	41.2	35.8	53.6
86	53.4	53.2	79.8



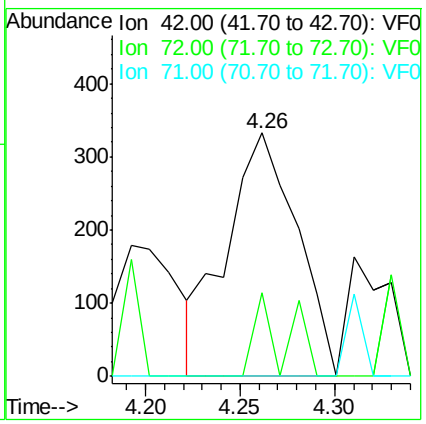


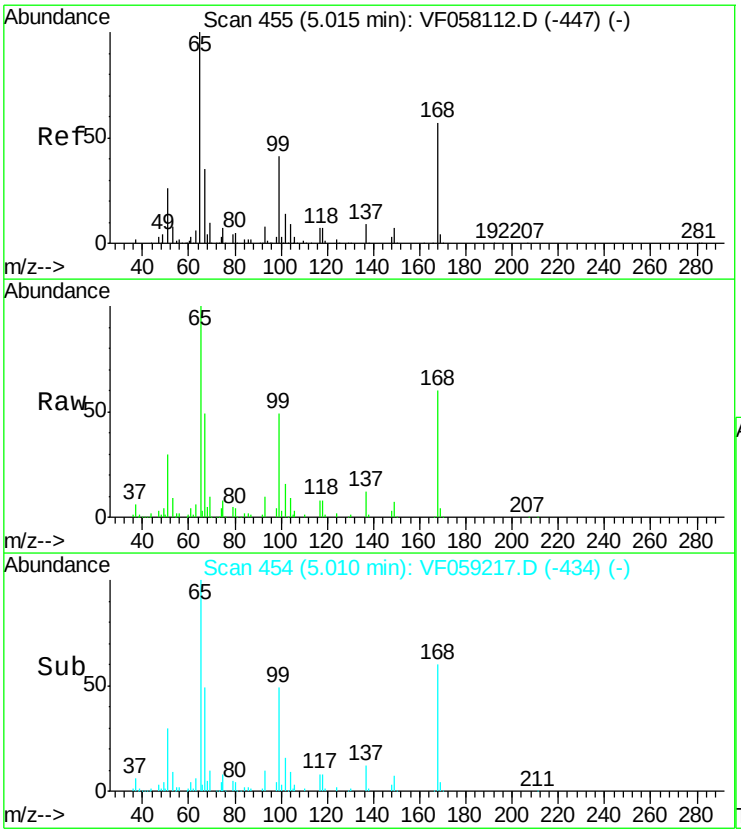
#29
Tetrahydrofuran
Concen: 1.878 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 861

Ion	Ratio	Lower	Upper
42	100		
72	15.1	30.5	45.7#
71	0.0	31.5	47.3#

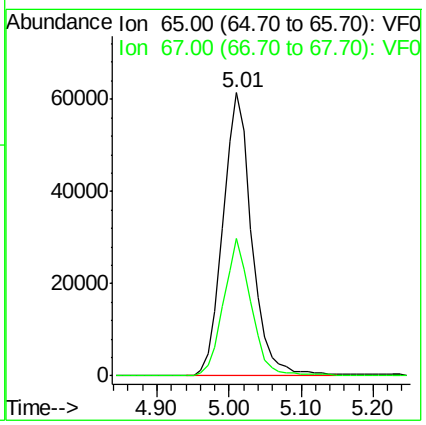


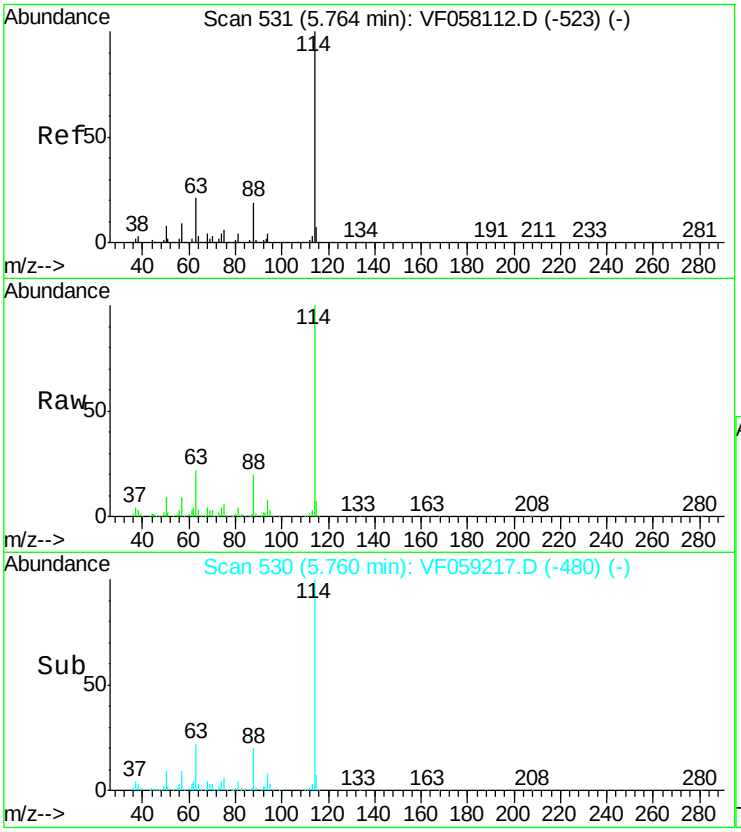


#33
1,2-Dichloroethane-d4
Concen: 60.865 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.00 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Tgt Ion: 65 Resp: 171088

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	97.0



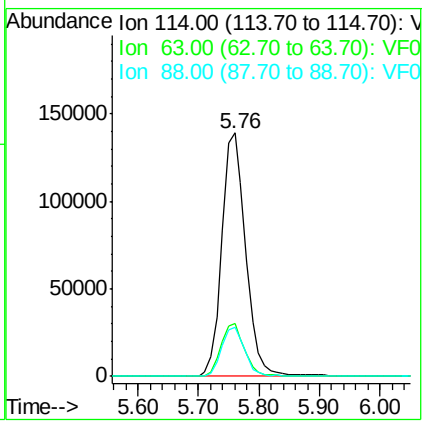


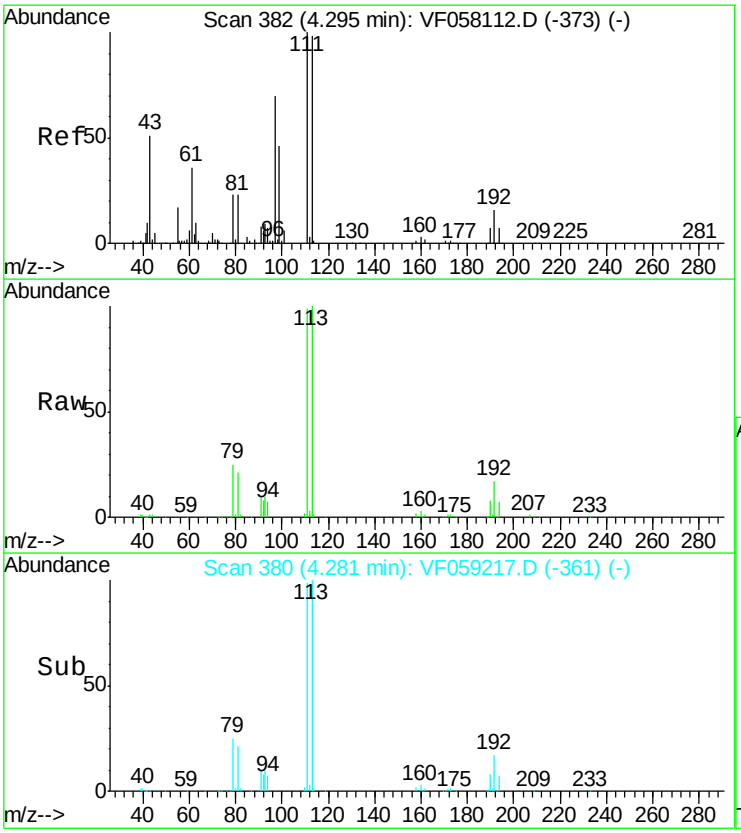
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.00 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 382175

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.6
88	20.2	0.0	38.8

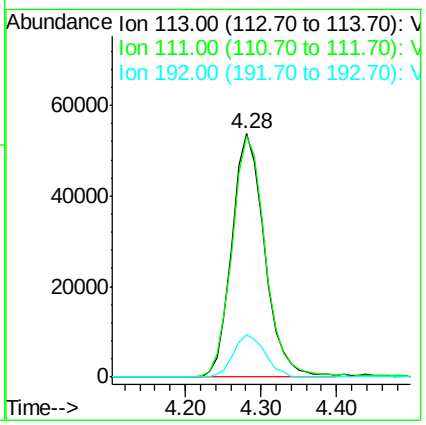


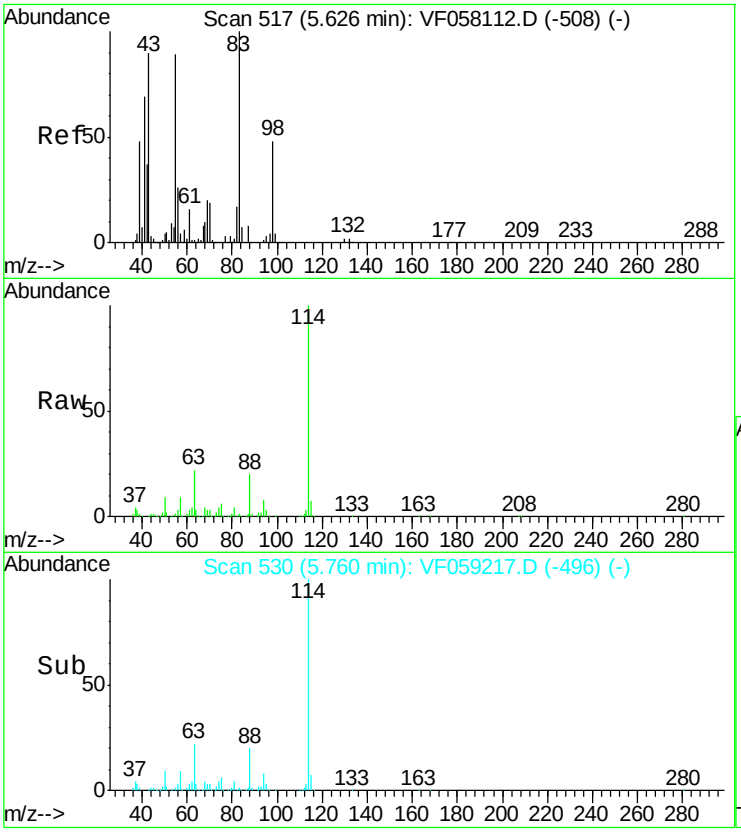


#35
Dibromofluoromethane
Concen: 60.177 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Tgt Ion:113 Resp: 161371

Ion	Ratio	Lower	Upper
113	100		
111	99.1	81.3	121.9
192	17.3	12.7	19.1



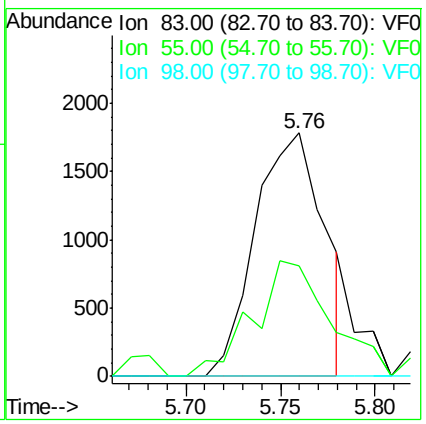


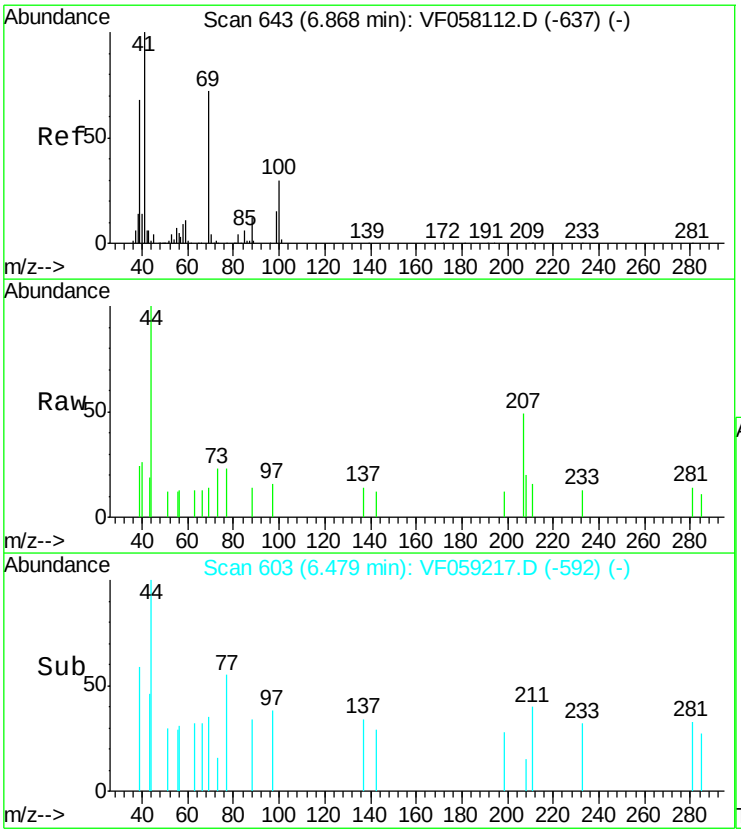
#39
Methylcyclohexane
Concen: 1.201 ug/l
RT: 5.76 min Scan# 530
Delta R.T. 0.13 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 4536

Ion	Ratio	Lower	Upper
83	100		
55	45.5	71.0	106.4#
98	0.0	38.1	57.1#

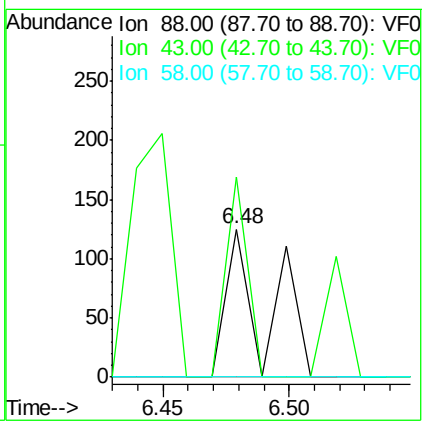


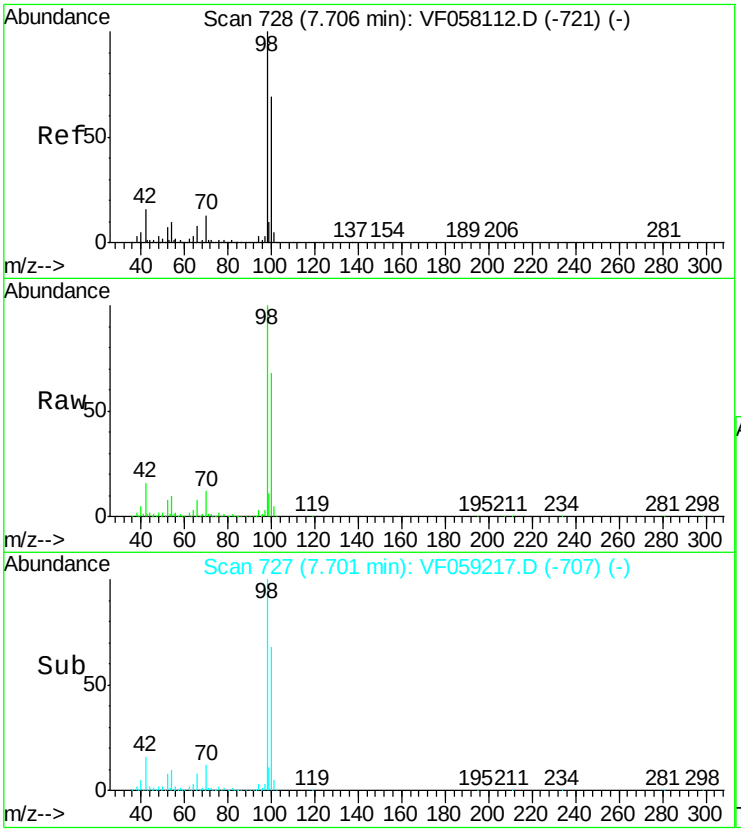


#49
1,4-Dioxane
Concen: 22.121 ug/l
RT: 6.48 min Scan# 603
Delta R.T. -0.39 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Tgt Ion: 88 Resp: 140

Ion	Ratio	Lower	Upper
88	100		
43	135.2	47.8	71.8#
58	0.0	59.4	89.0#



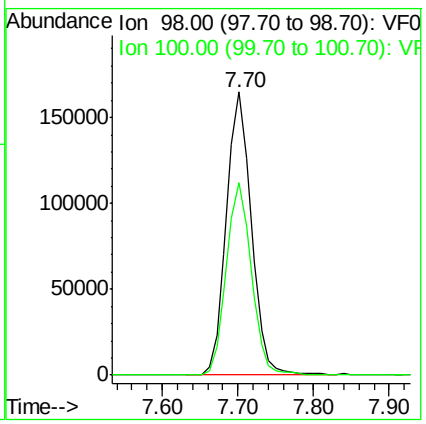


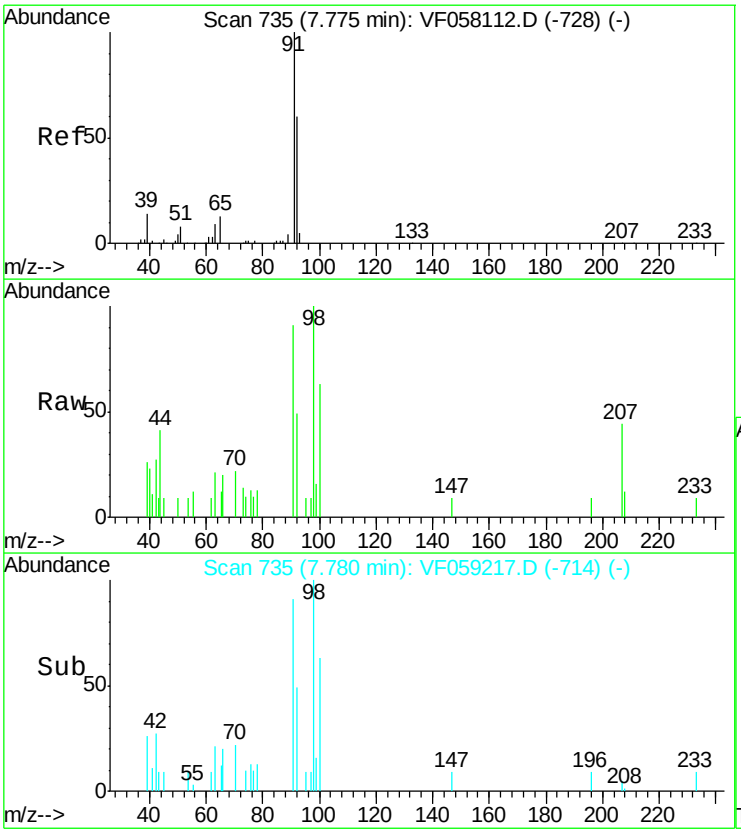
#50
Toluene-d8
Concen: 47.854 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 377000

Ion	Ratio	Lower	Upper
98	100		
100	68.1	55.6	83.4

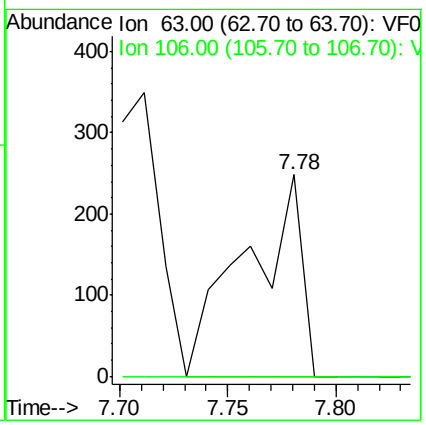


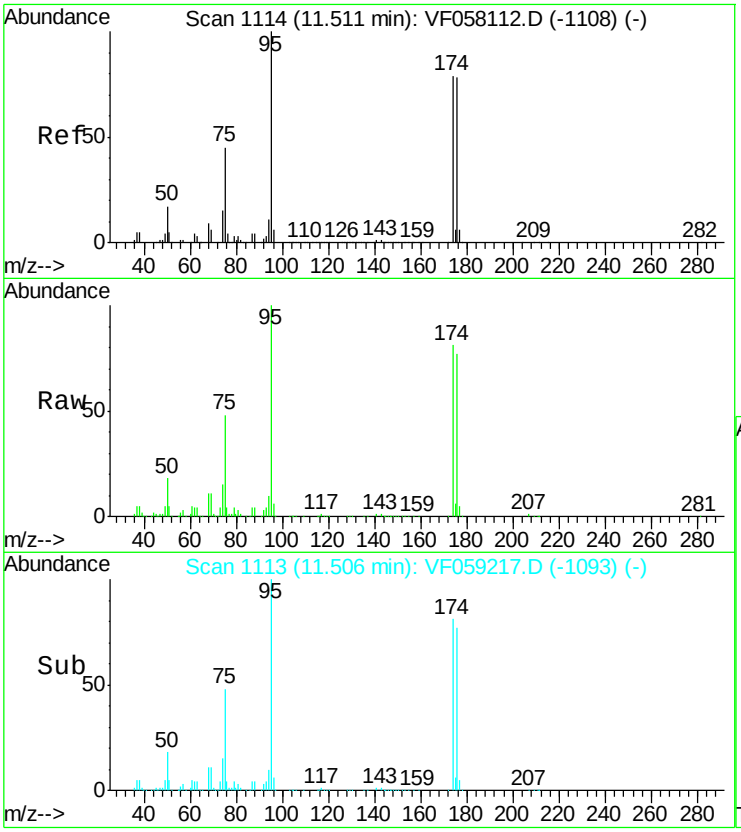


#58
2-Chloroethyl Vinyl ether
Concen: 2.225 ug/l
RT: 7.78 min Scan# 735
Delta R.T. 0.01 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Tgt Ion: 63 Resp: 450

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



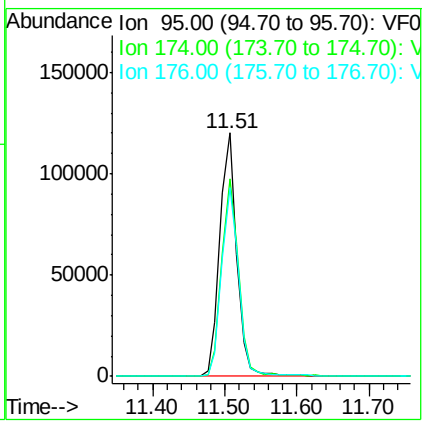


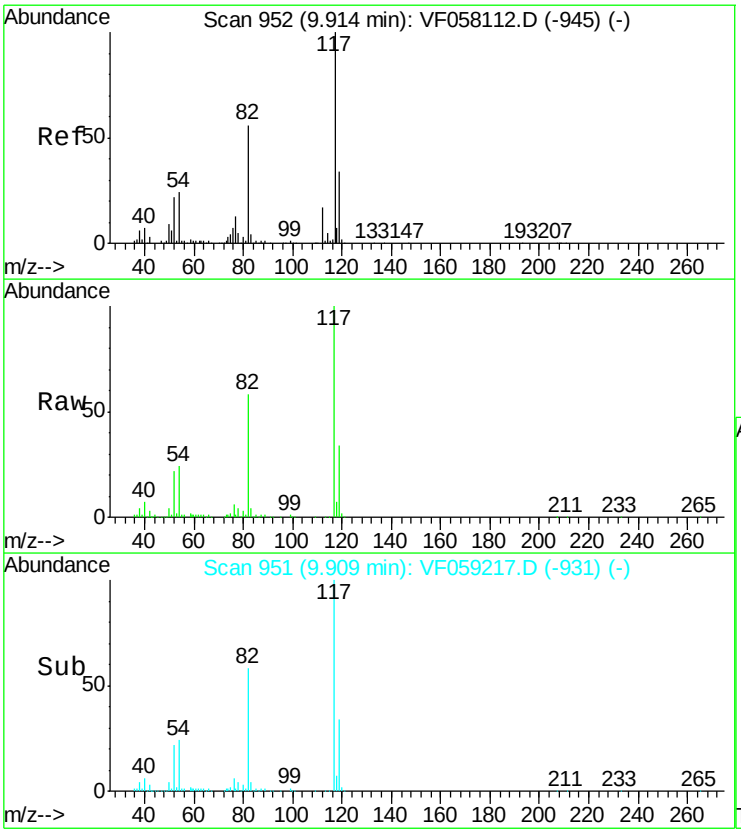
#62
4-Bromofluorobenzene
Concen: 48.544 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 196150

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	157.8
176	77.2	0.0	155.8

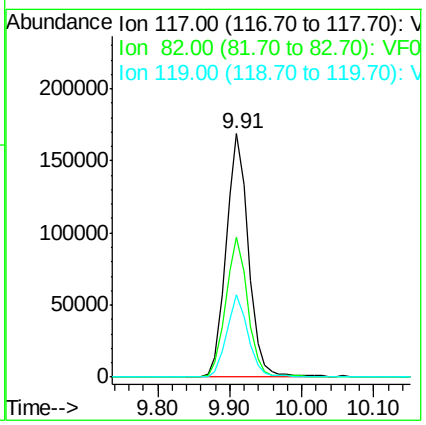


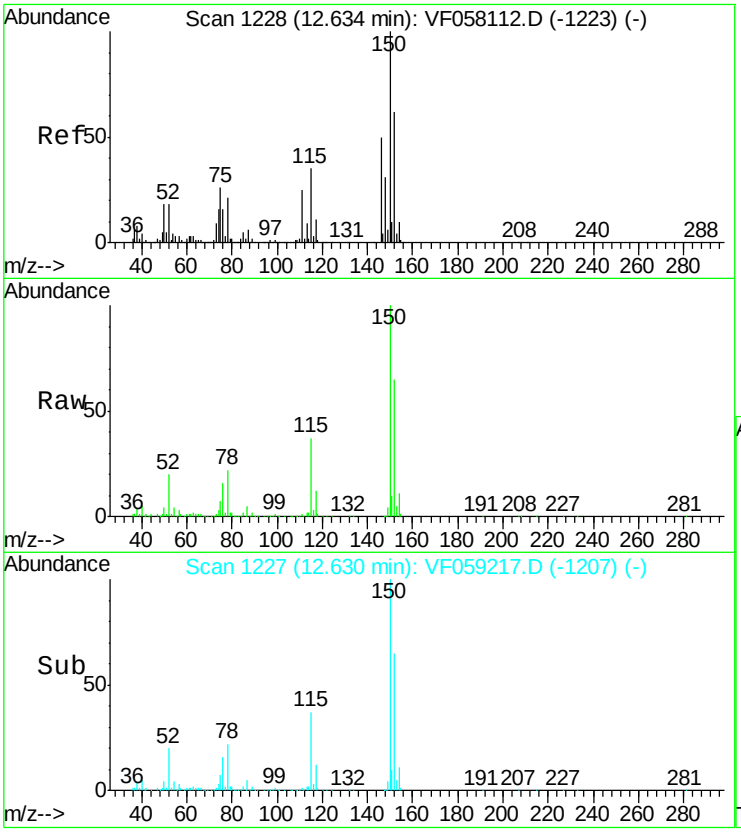


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Tgt Ion:117 Resp: 363976

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.2	67.8
119	33.8	27.5	41.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059217.D
Acq: 20 Jun 2018 6:17

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 205407

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.5	85.5
150	154.1	0.0	323.8