Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061808.D
Acq On : 1 Mar 2019 17:51
Operator : VA/AP
Sample : K1675-09
Misc : 4.71g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : Z-3-1-A

Quant Time: Mar 02 02:46:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	314779	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	478854	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	387091	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	207005	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	96171	41.66	ug/l	-0.03
Spiked Amount 50.000			Recovery = 83.32%			
35) Dibromofluoromethane	4.10	113	148087	41.64	ug/l	-0.02
Spiked Amount 50.000			Recovery = 83.28%			
50) Toluene-d8	7.53	98	358051	35.03	ug/l	-0.03
Spiked Amount 50.000			Recovery = 70.06%			
62) 4-Bromofluorobenzene	11.40	95	155936	37.70	ug/l	-0.02
Spiked Amount 50.000			Recovery = 75.40%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	149	1.115	ug/l #	1
13) Acrolein	2.04	56	450	2.680	ug/l	87
16) Acetone	2.23	43	13422	27.101	ug/l #	86
18) Methyl Acetate	2.37	43	3365	3.016	ug/l #	59
20) Methylene Chloride	2.18	84	12508	2.309	ug/l	95
29) Tetrahydrofuran	4.06	42	2424	4.930	ug/l #	71

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

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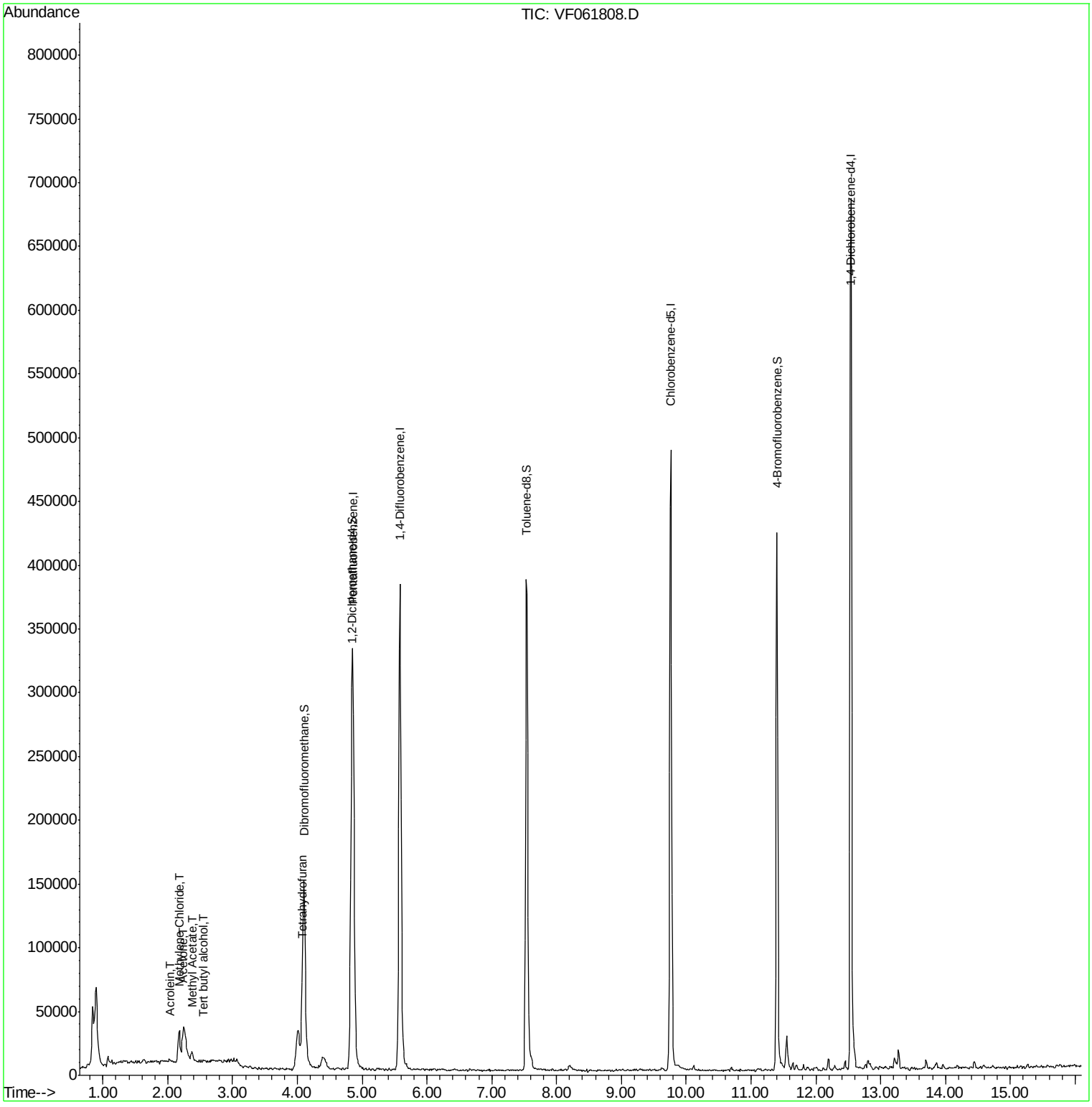
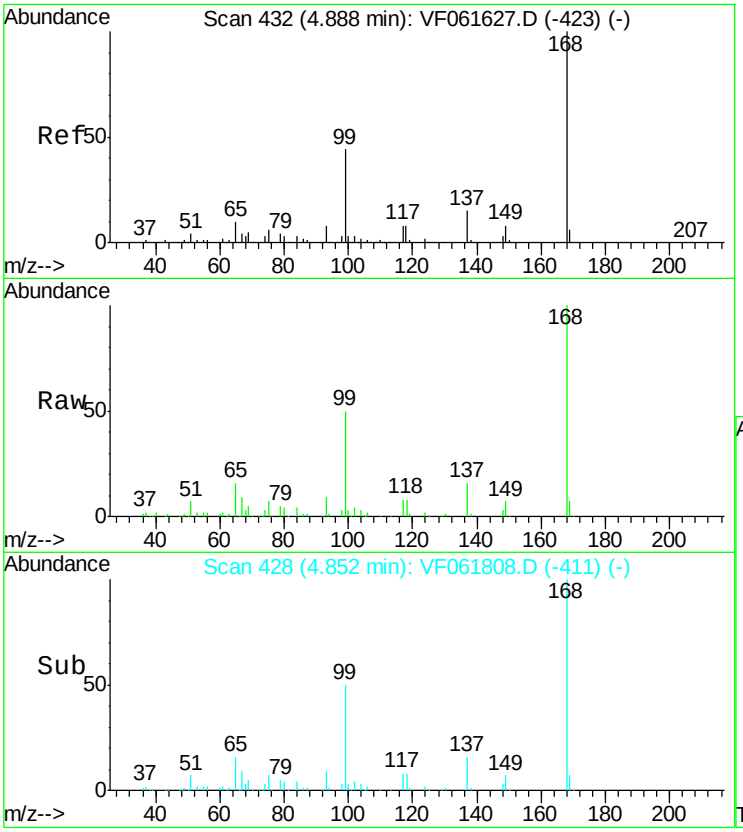


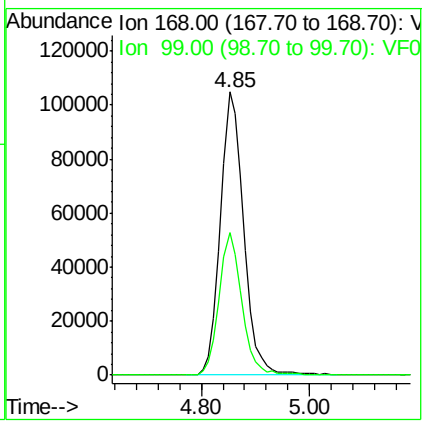


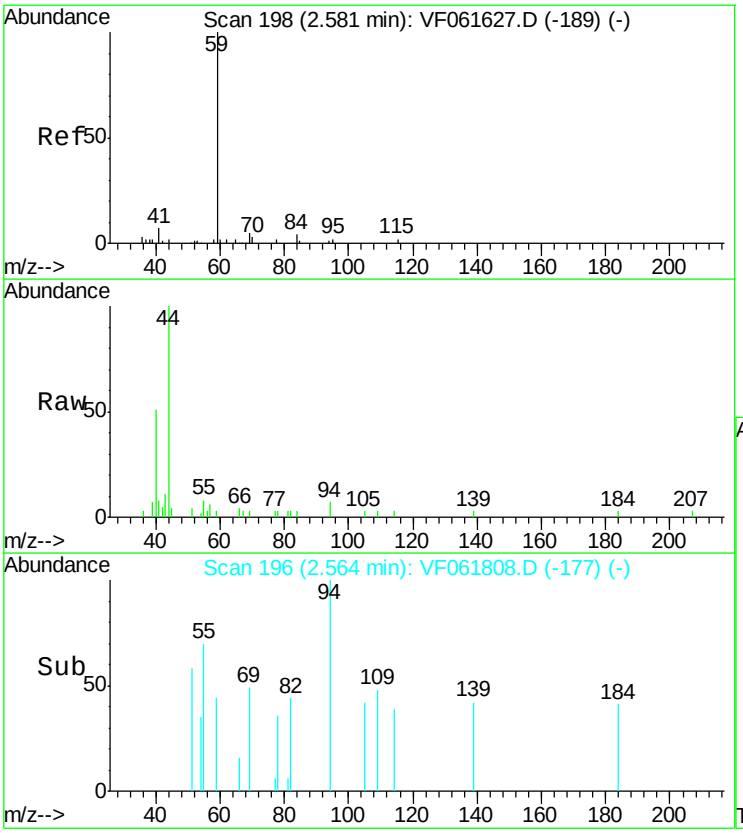
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.04 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:168 Resp: 314779

Ion	Ratio	Lower	Upper
168	100		
99	50.3	34.9	52.3

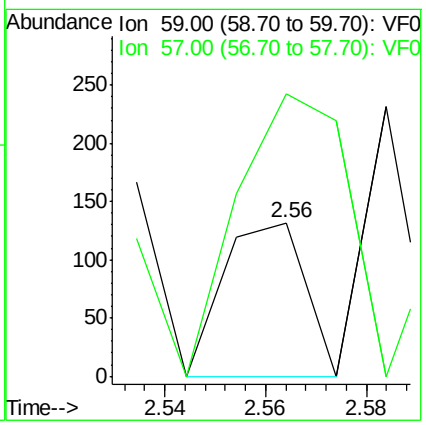


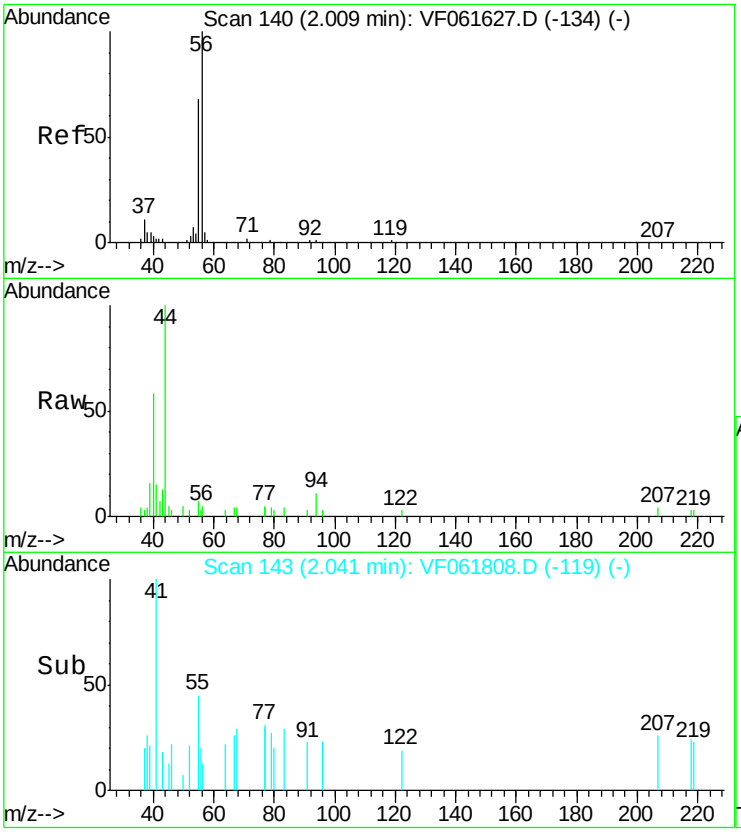


#11
Tert butyl alcohol
Concen: 1.115 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Tgt Ion: 59 Resp: 149

Ion	Ratio	Lower	Upper
59	100		
57	184.1	12.5	18.7#



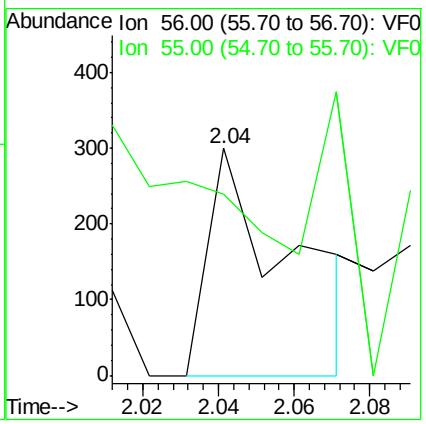


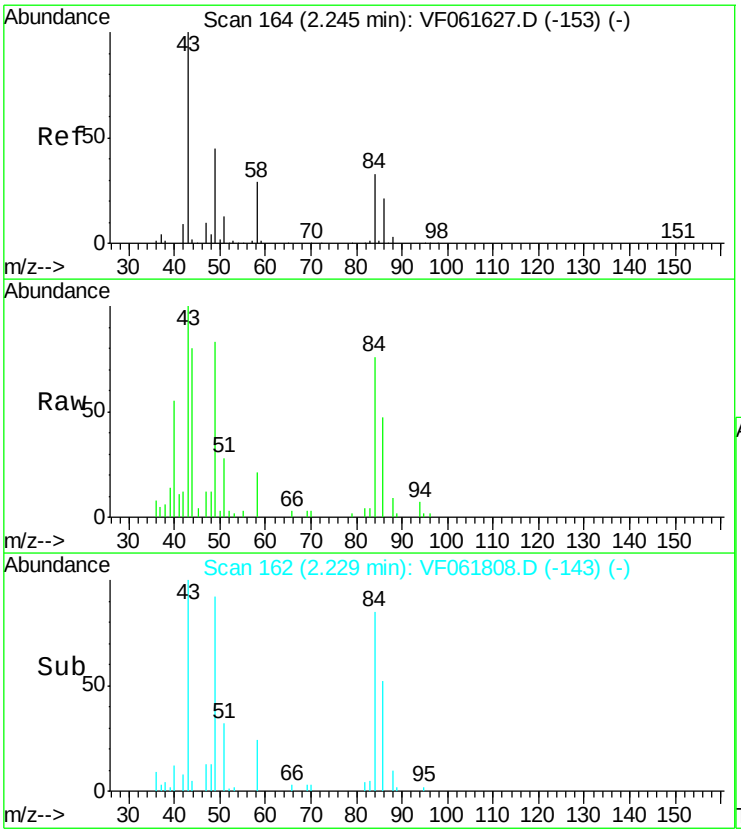
#13
Acrolein
Concen: 2.680 ug/l
RT: 2.04 min Scan# 143
Delta R.T. 0.03 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : Z-3-1-A

Tgt Ion: 56 Resp: 450

Ion	Ratio	Lower	Upper
56	100		
55	79.7	55.0	82.6

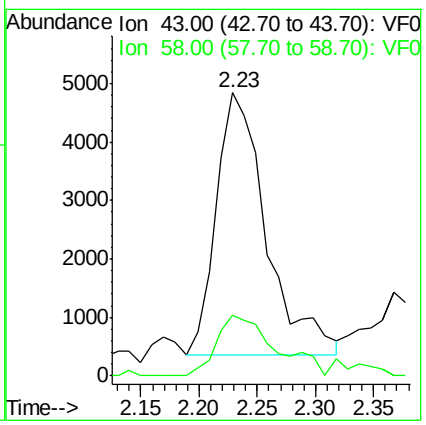


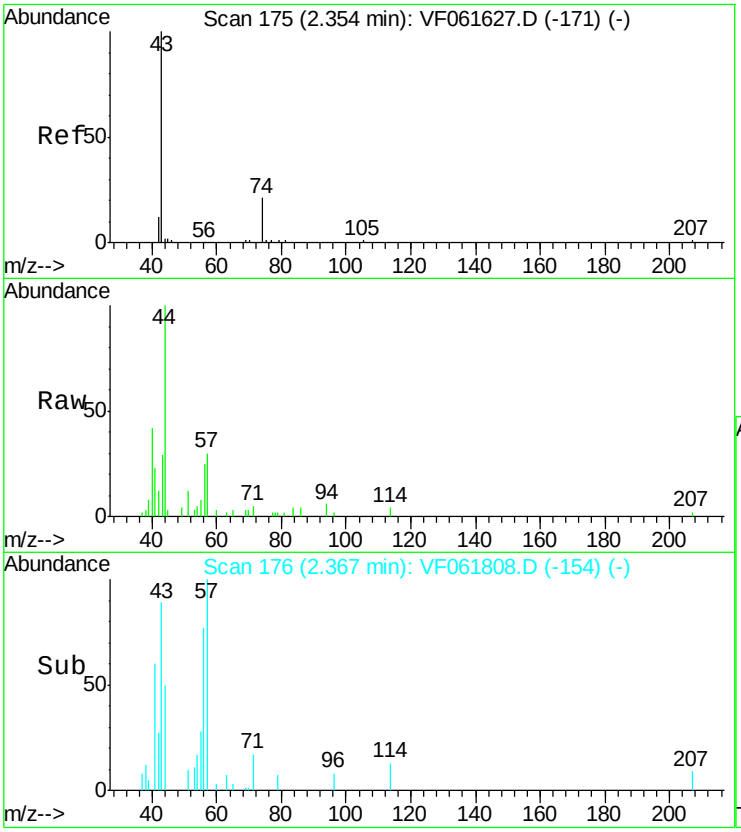


#16
Acetone
Concen: 27.101 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Tgt Ion: 43 Resp: 13422

Ion	Ratio	Lower	Upper
43	100		
58	21.2	22.9	34.3#



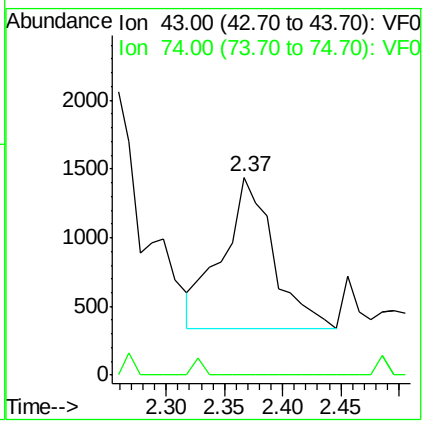


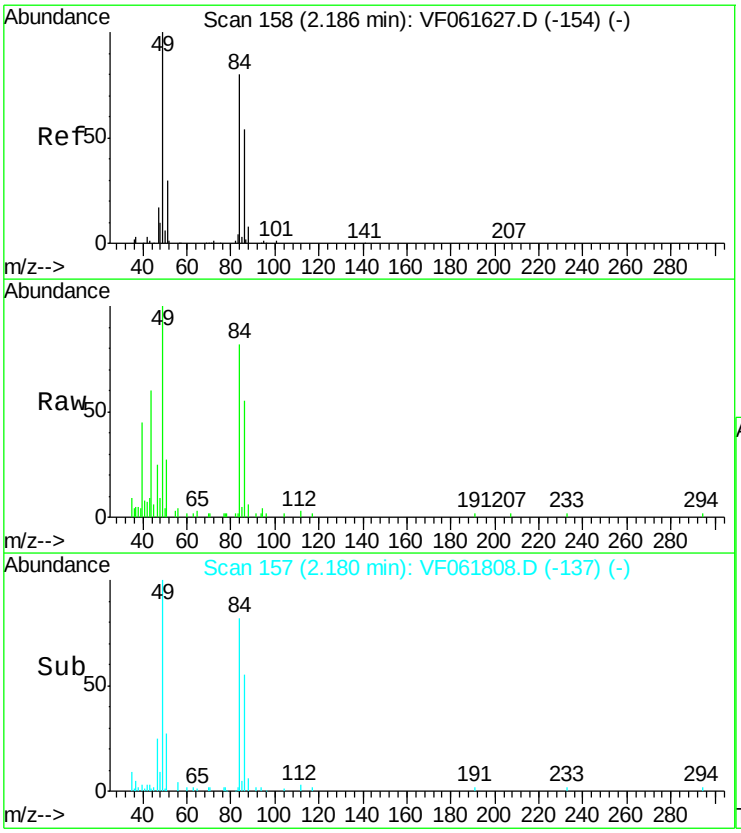
#18
Methyl Acetate
Concen: 3.016 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : Z-3-1-A

Tgt Ion: 43 Resp: 3365

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#

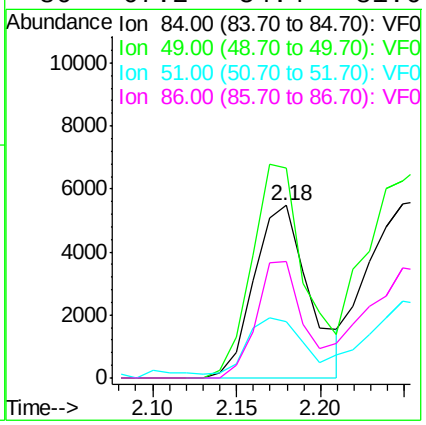


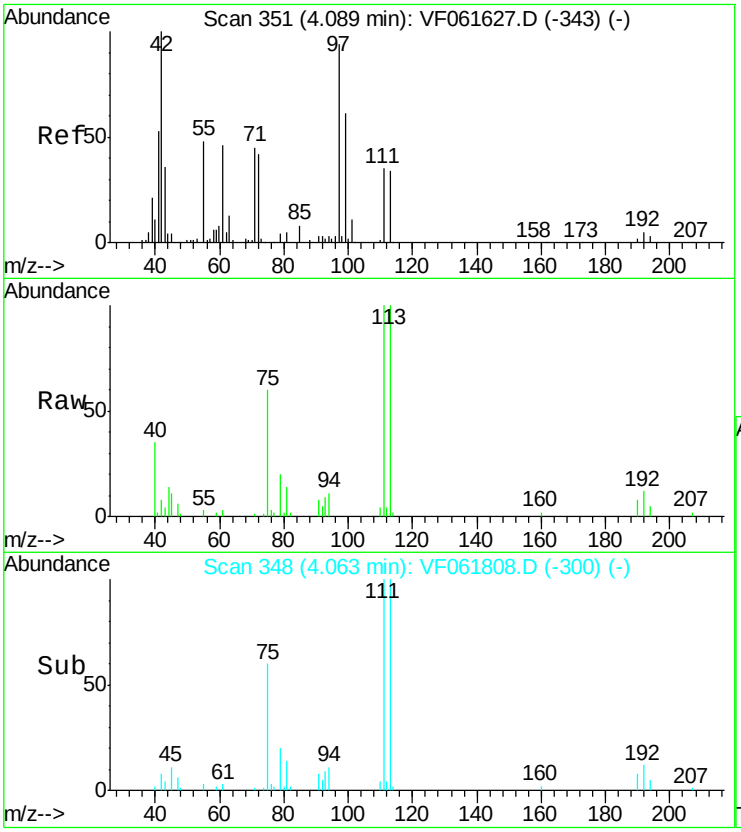


#20
Methylene Chloride
Concen: 2.309 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Tgt Ion: 84 Resp: 12508

Ion	Ratio	Lower	Upper
84	100		
49	121.5	101.8	152.8
51	32.6	31.1	46.7
86	67.2	54.4	81.6



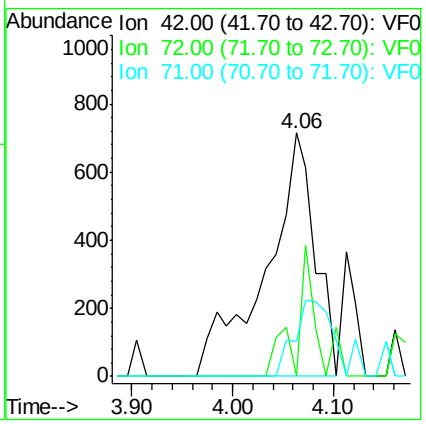


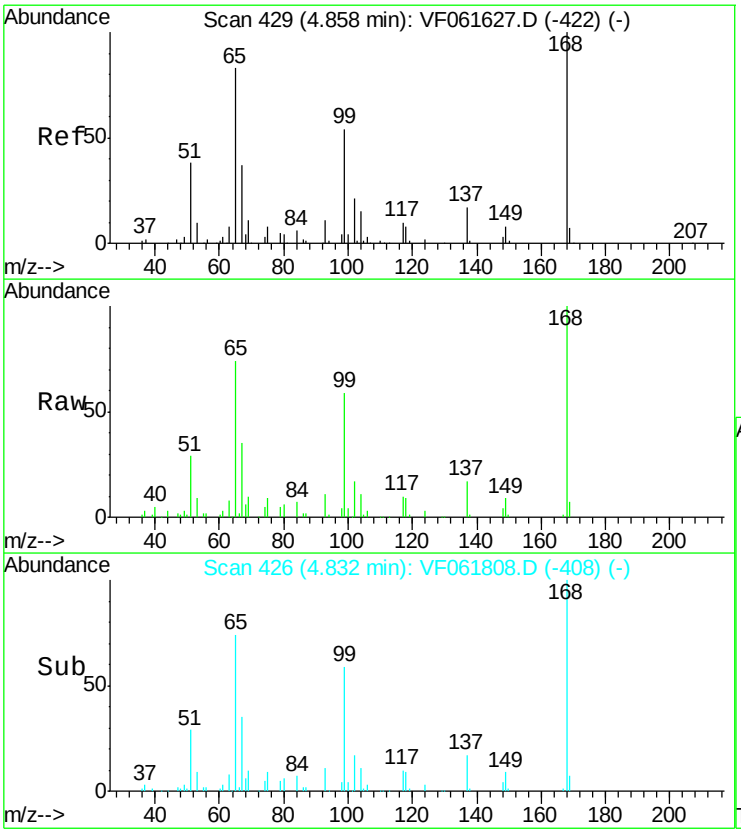
#29
Tetrahydrofuran
Concen: 4.930 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.03 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : Z-3-1-A

Tgt Ion: 42 Resp: 2424

Ion	Ratio	Lower	Upper
42	100		
72	22.6	35.2	52.8#
71	25.9	32.9	49.3#

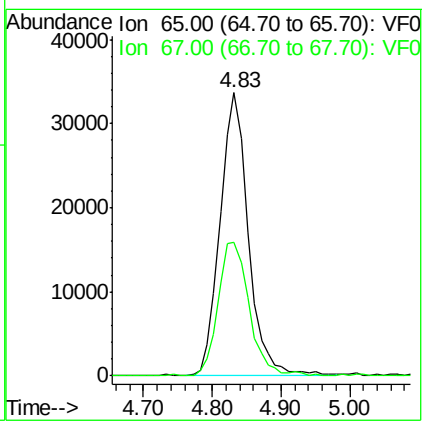


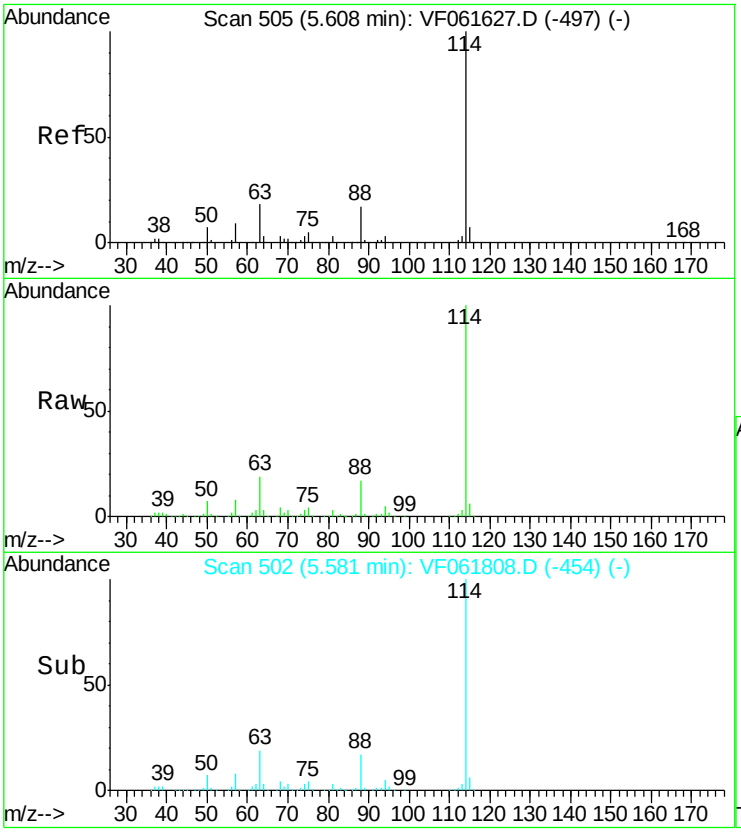


#33
1,2-Dichloroethane-d4
Concen: 41.663 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Tgt Ion: 65 Resp: 96171

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	104.0



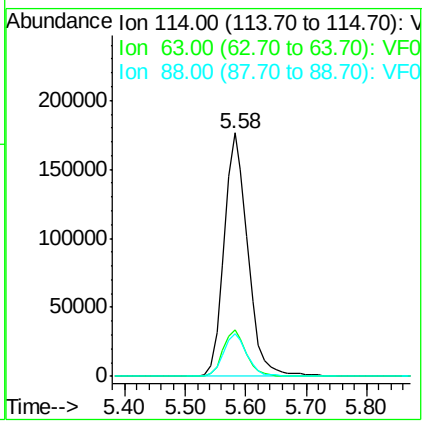


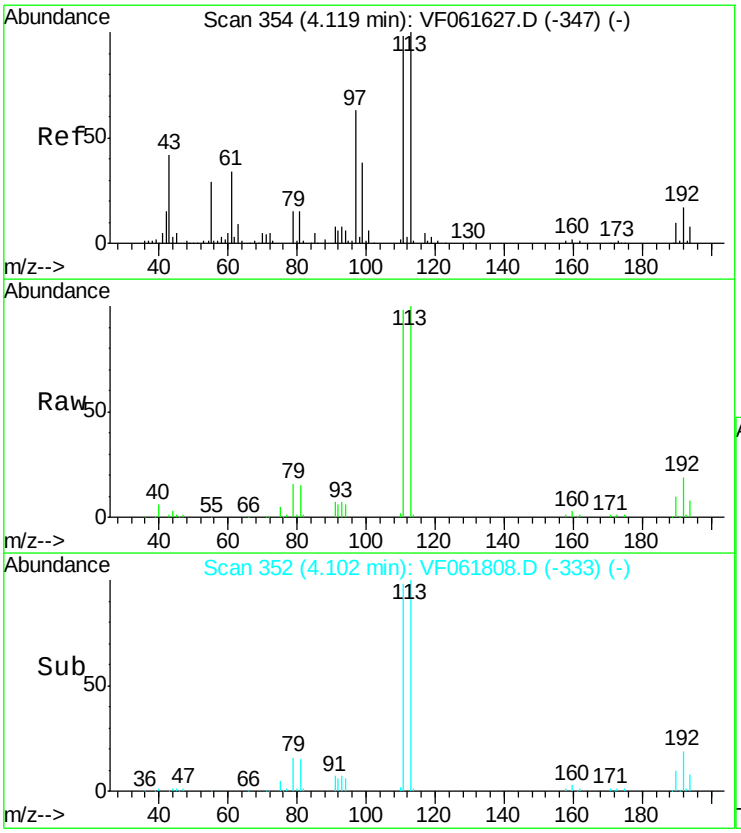
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
Z-3-1-A

Tgt Ion:114 Resp: 478854

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	36.6
88	17.3	0.0	34.4

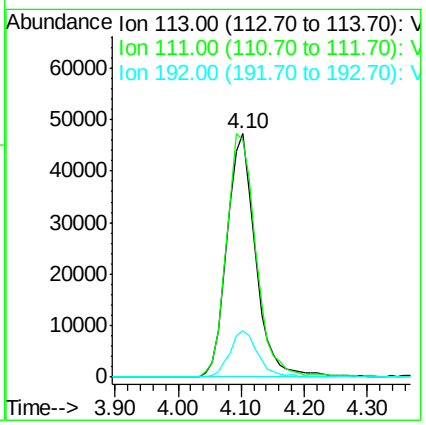


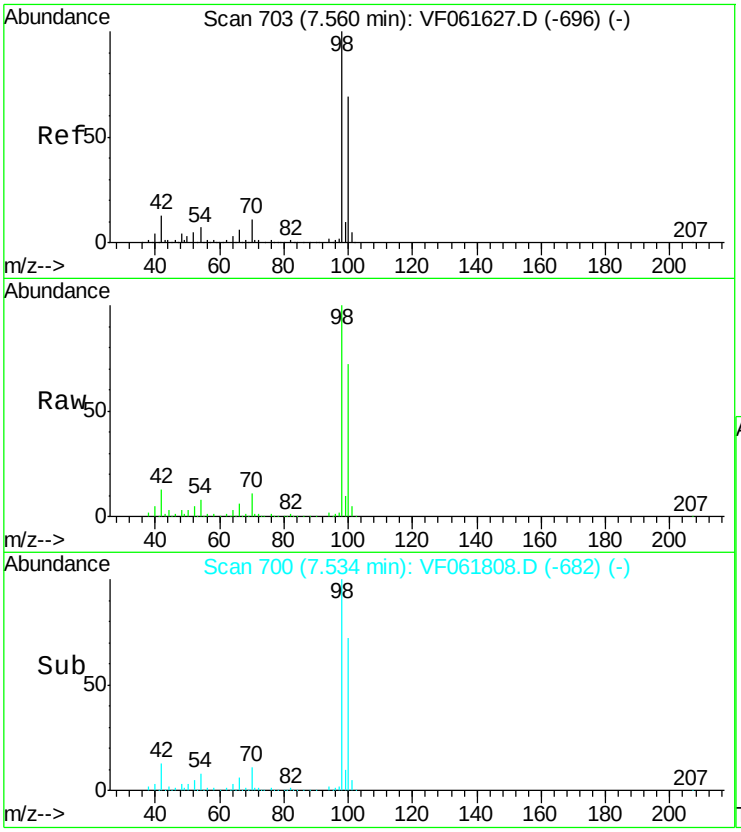


#35
Dibromofluoromethane
Concen: 41.644 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Tgt Ion:113 Resp: 148087

Ion	Ratio	Lower	Upper
113	100		
111	97.5	78.8	118.2
192	19.7	13.4	20.0



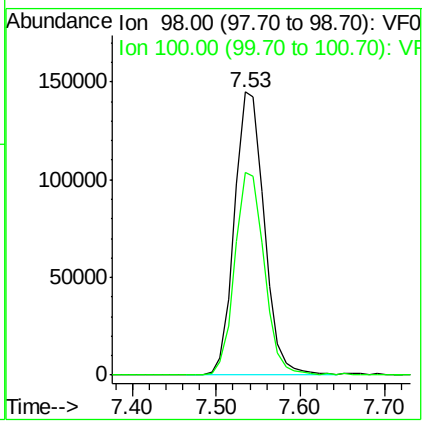


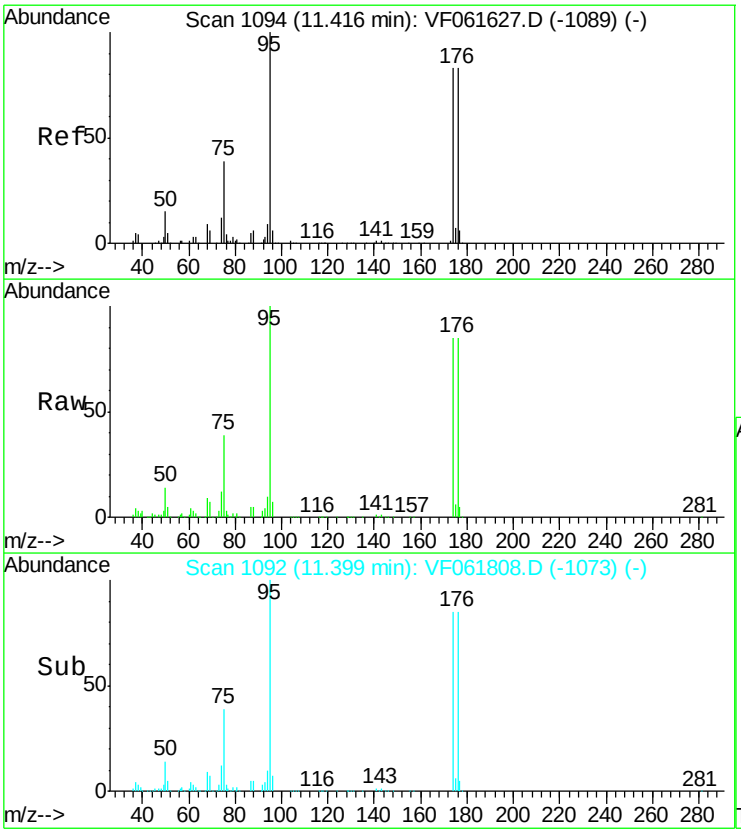
#50
Toluene-d8
Concen: 35.026 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
Z-3-1-A

Tgt Ion: 98 Resp: 358051

Ion	Ratio	Lower	Upper
98	100		
100	71.8	55.4	83.2

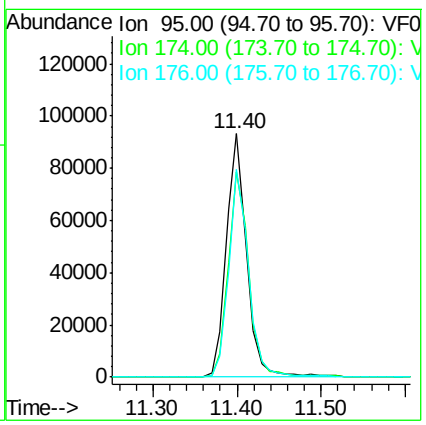


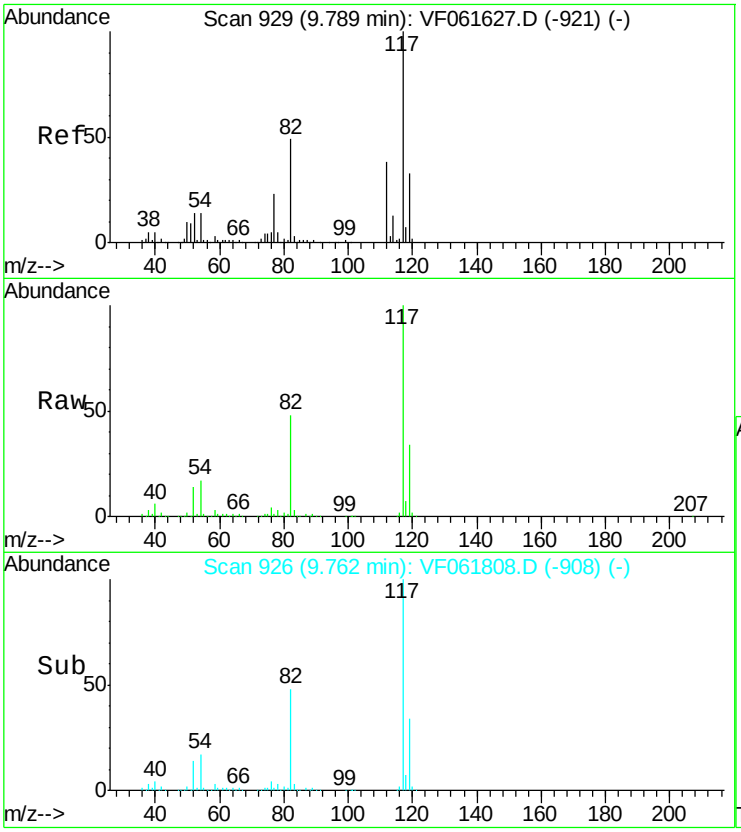


#62
4-Bromofluorobenzene
Concen: 37.700 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Tgt Ion: 95 Resp: 155936

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	165.8
176	85.3	0.0	167.0



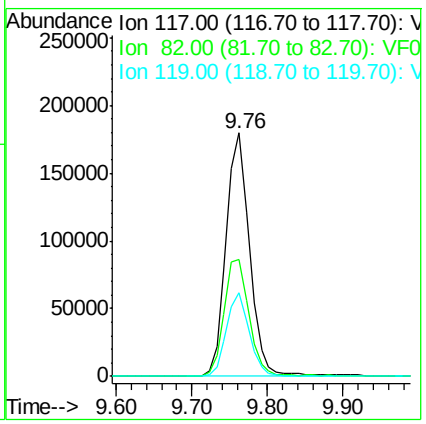


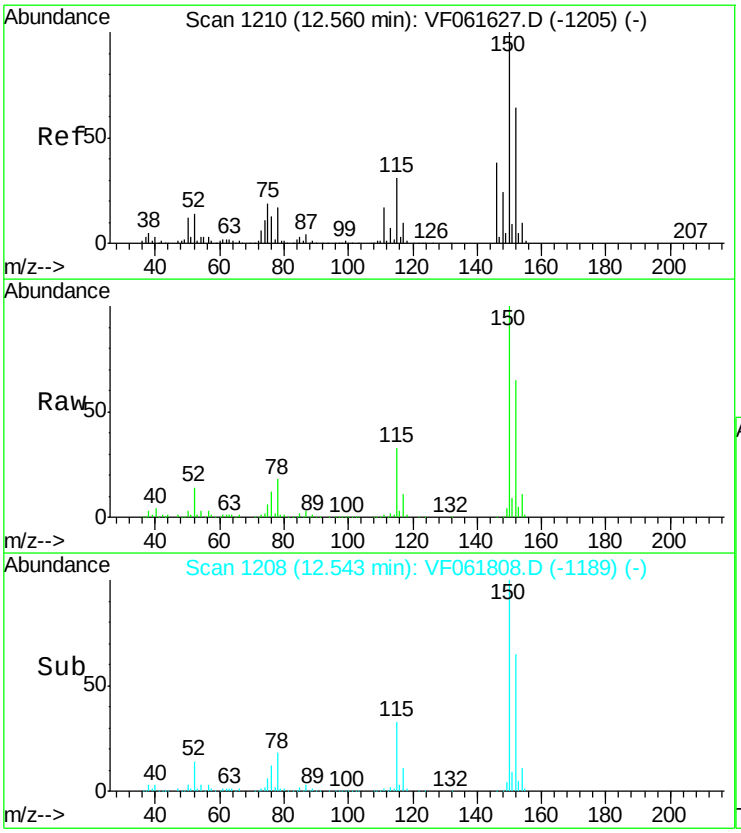
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Instrument : MSVOA_F
ClientSampleId : Z-3-1-A

Tgt Ion:117 Resp: 387091

Ion	Ratio	Lower	Upper
117	100		
82	48.0	39.3	58.9
119	34.3	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Tgt Ion:152 Resp: 207005

Ion	Ratio	Lower	Upper
152	100		
115	51.0	24.3	72.8
150	153.3	0.0	312.0