Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061148.D
Acq On : 22 Dec 2018 16:57
Operator : VA/AP
Sample : J6461-01RE
Misc : 5.06g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 24 02:57:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	160581	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	254088	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.80	117	126077	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	65373	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	128080	62.01	ug/l	0.02
Spiked Amount 50.000			Recovery = 124.02%			
35) Dibromofluoromethane	4.13	113	135906	66.77	ug/l	0.02
Spiked Amount 50.000			Recovery = 133.54%			
50) Toluene-d8	7.58	98	113160	19.62	ug/l	0.02
Spiked Amount 50.000			Recovery = 39.24%			
62) 4-Bromofluorobenzene	11.42	95	98431	37.02	ug/l	0.01
Spiked Amount 50.000			Recovery = 74.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	268	3.216	ug/l #	65
13) Acrolein	1.97	56	288	4.782	ug/l	89
15) Acrylonitrile	2.93	53	284	1.474	ug/l #	1
16) Acetone	2.12	43	657	1.591	ug/l	100
18) Methyl Acetate	2.40	43	6769	7.924	ug/l #	66
20) Methylene Chloride	2.24	84	11253	4.436	ug/l	91
51) 4-Methyl-2-Pentanone	8.29	43	1875	1.846	ug/l #	75
59) 2-Hexanone	9.53	43	1198	1.631	ug/l #	27
70) Styrene	10.80	104	92	Below Cal	#	30
78) n-propylbenzene	11.60	91	494	Below Cal	#	55
87) 1,3-Dichlorobenzene	12.50	146	147	Below Cal	#	25

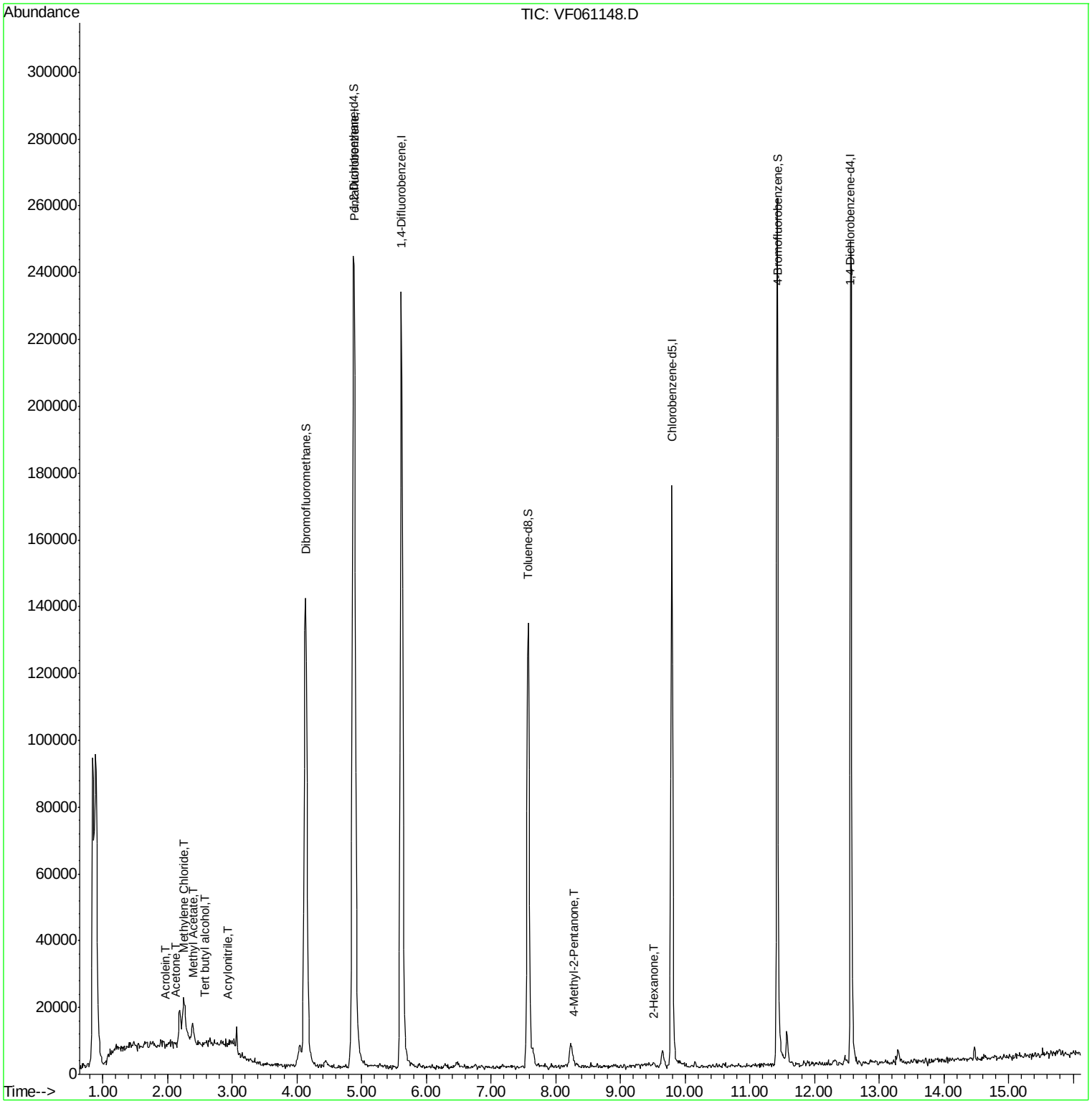
(#) = qualifier out of range (m) = manual integration (+) = signals summed

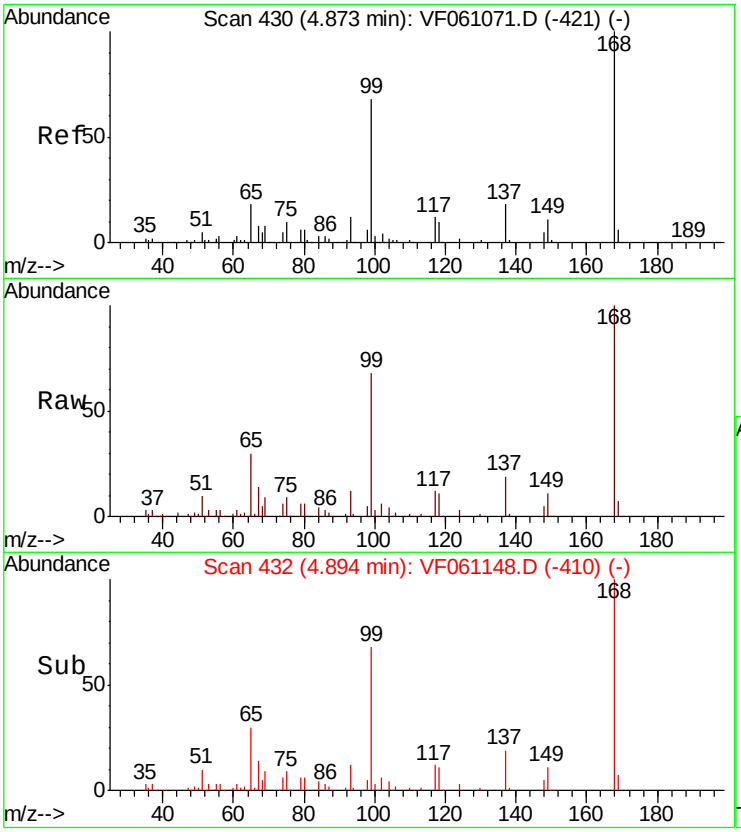
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122218\
Data File : VF061148.D
Acq On : 22 Dec 2018 16:57
Operator : VA/AP
Sample : J6461-01RE
Misc : 5.06g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 24 02:57:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



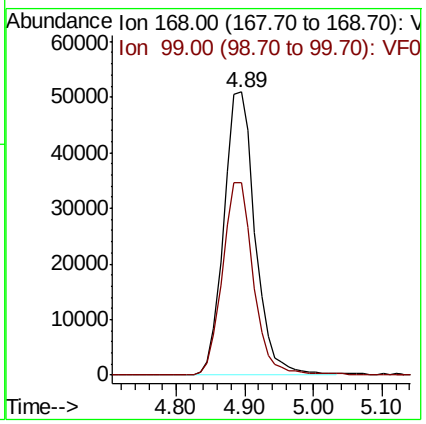


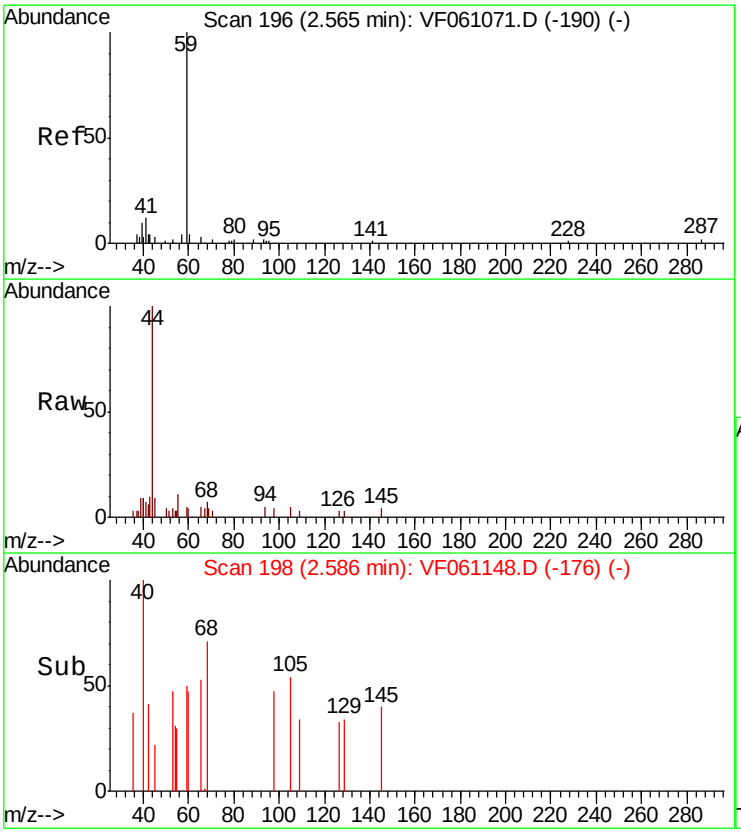
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 160581

Ion	Ratio	Lower	Upper
168	100		
99	68.1	54.4	81.6

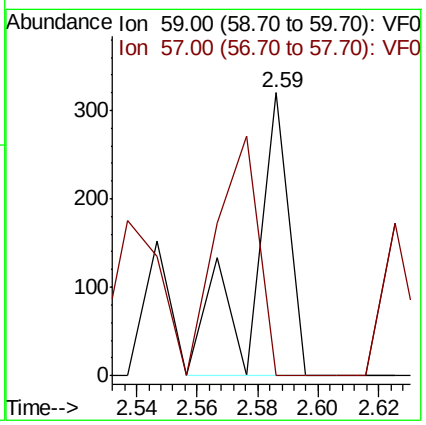


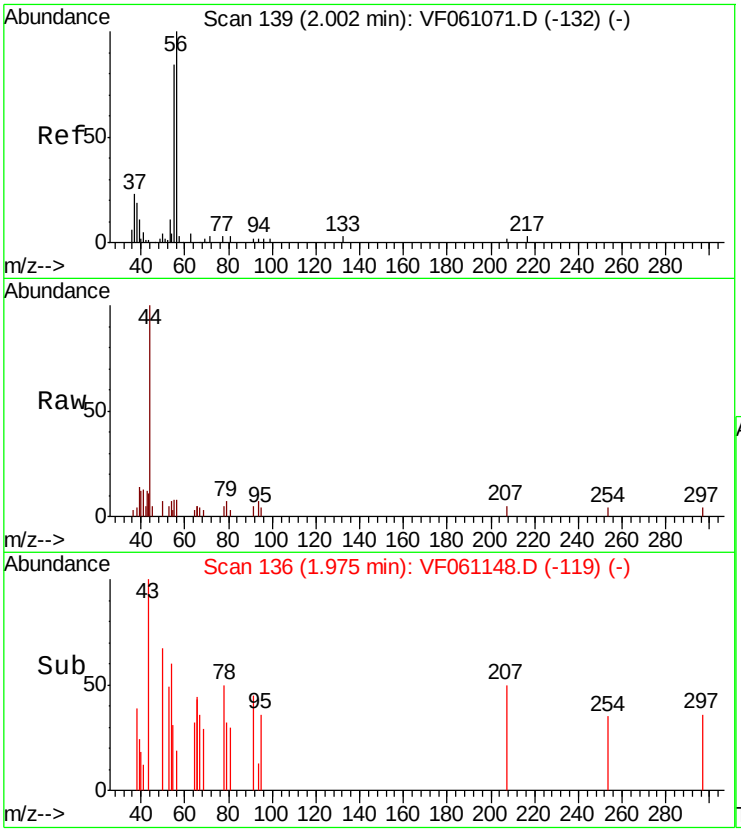


#11
Tert butyl alcohol
Concen: 3.216 ug/l
RT: 2.59 min Scan# 198
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion: 59 Resp: 268

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.5	17.3#



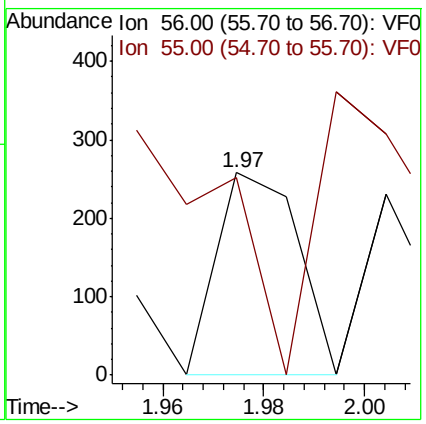


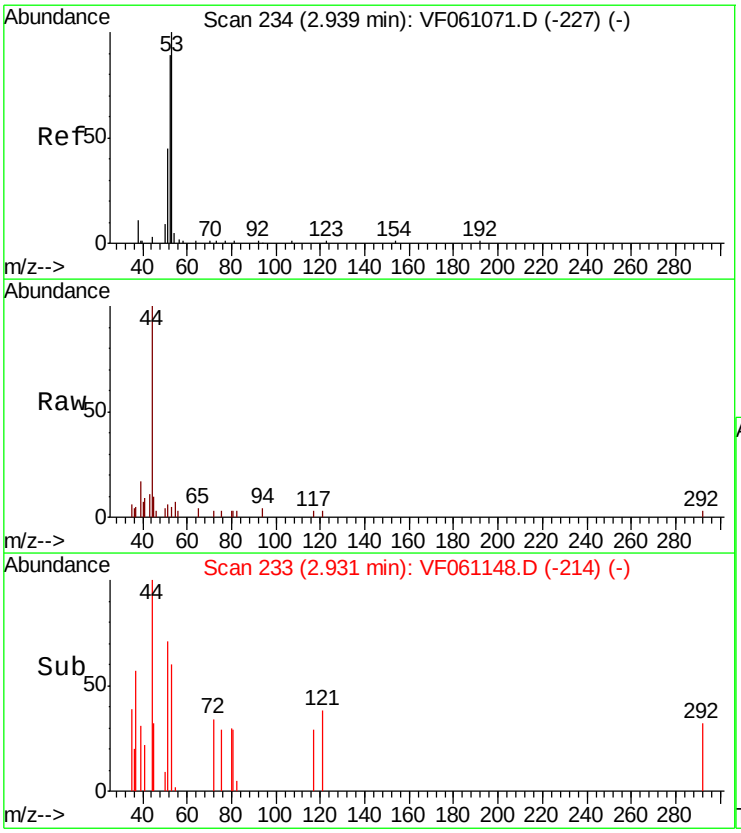
#13
Acrolein
Concen: 4.782 ug/l
RT: 1.97 min Scan# 136
Delta R.T. -0.03 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 288

Ion	Ratio	Lower	Upper
56	100		
55	97.7	70.2	105.2

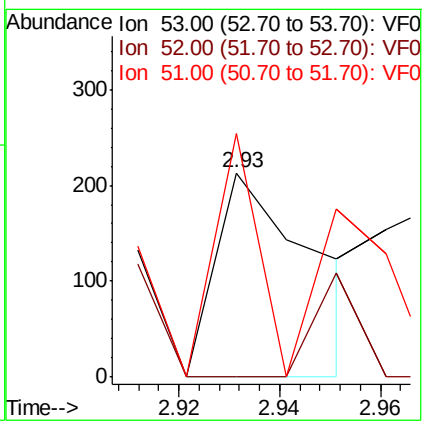


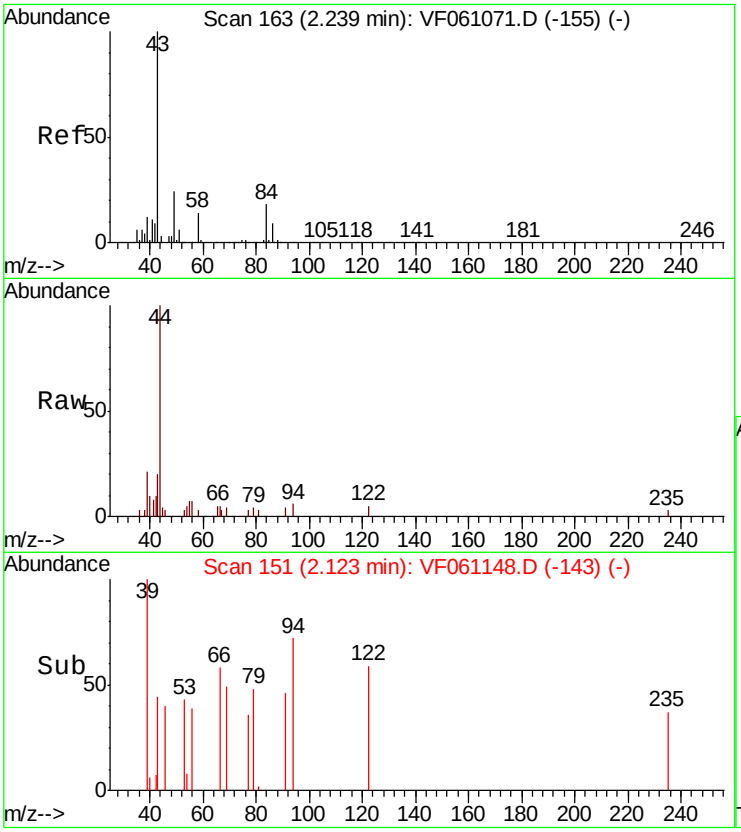


#15
Acrylonitrile
Concen: 1.474 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.01 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion: 53 Resp: 284

Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	119.2	36.8	55.2#



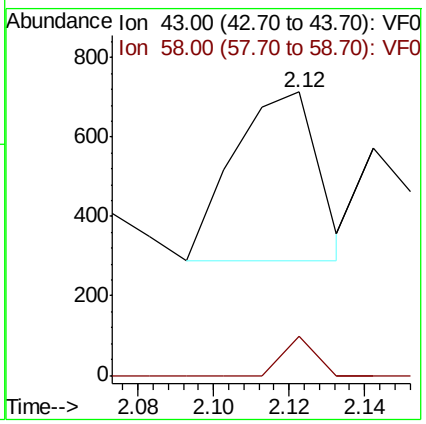


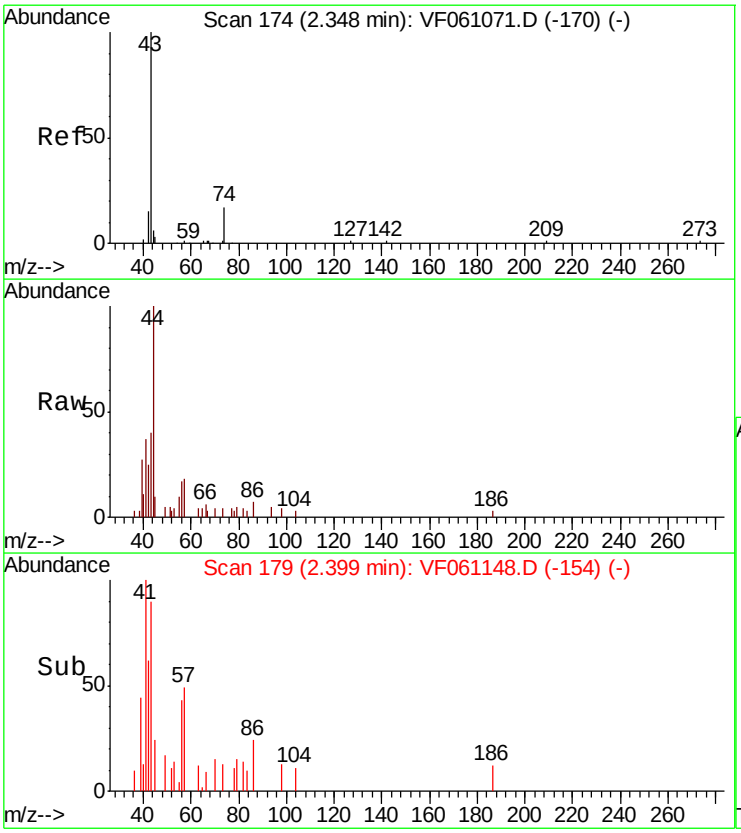
#16
Acetone
Concen: 1.591 ug/l
RT: 2.12 min Scan# 151
Delta R.T. -0.12 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 657

Ion	Ratio	Lower	Upper
43	100		
58	14.0	11.1	16.7

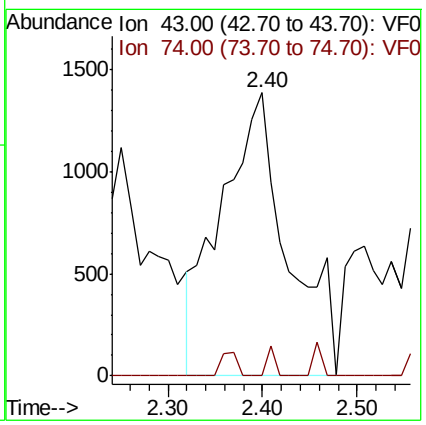


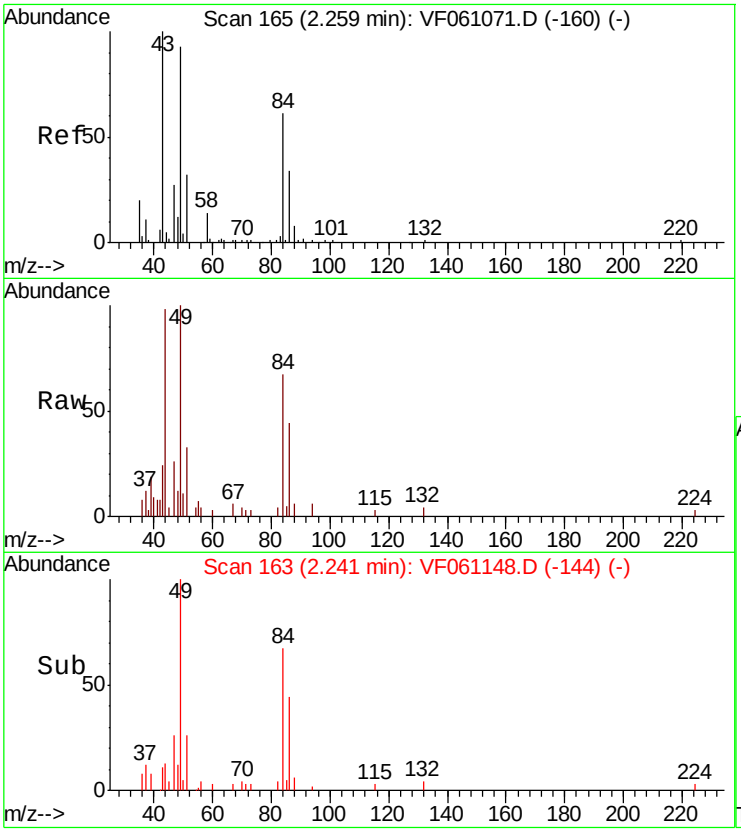


#18
Methyl Acetate
Concen: 7.924 ug/l
RT: 2.40 min Scan# 179
Delta R.T. 0.05 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion: 43 Resp: 6769

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#



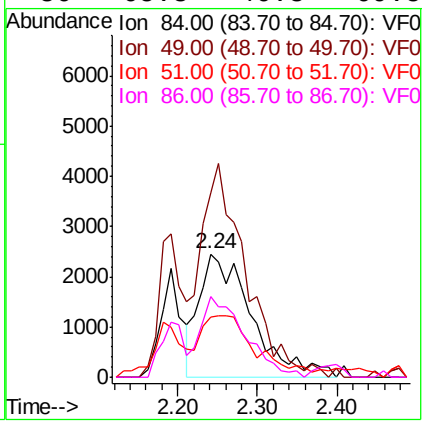


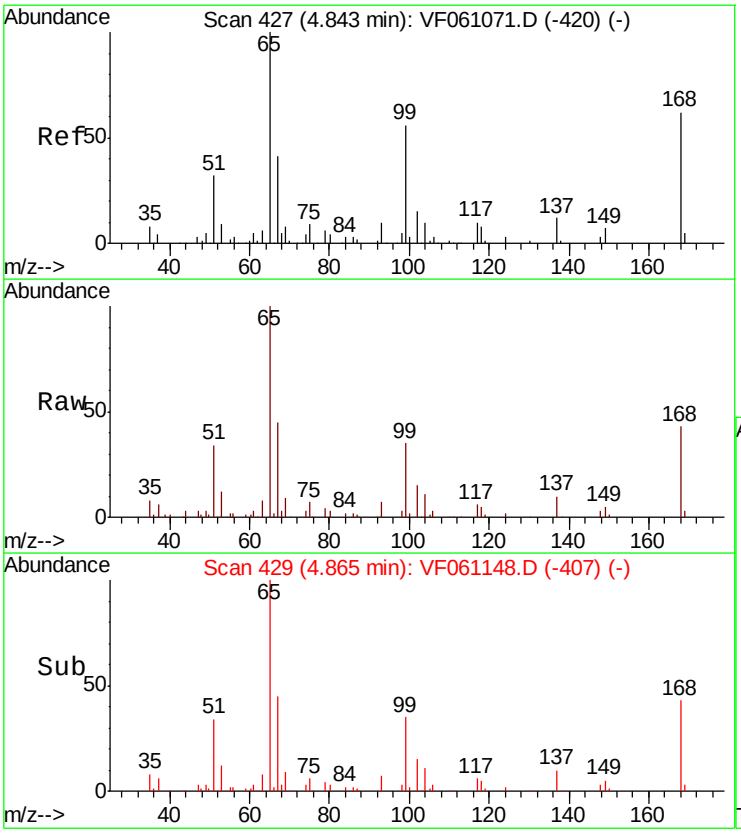
#20
Methylene Chloride
Concen: 4.436 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 11253

Ion	Ratio	Lower	Upper
84	100		
49	150.0	129.4	194.2
51	49.0	44.0	66.0
86	65.3	46.3	69.5

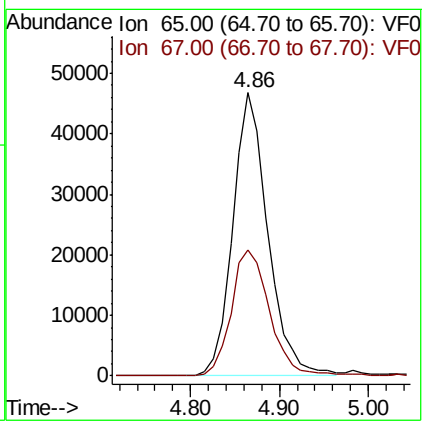


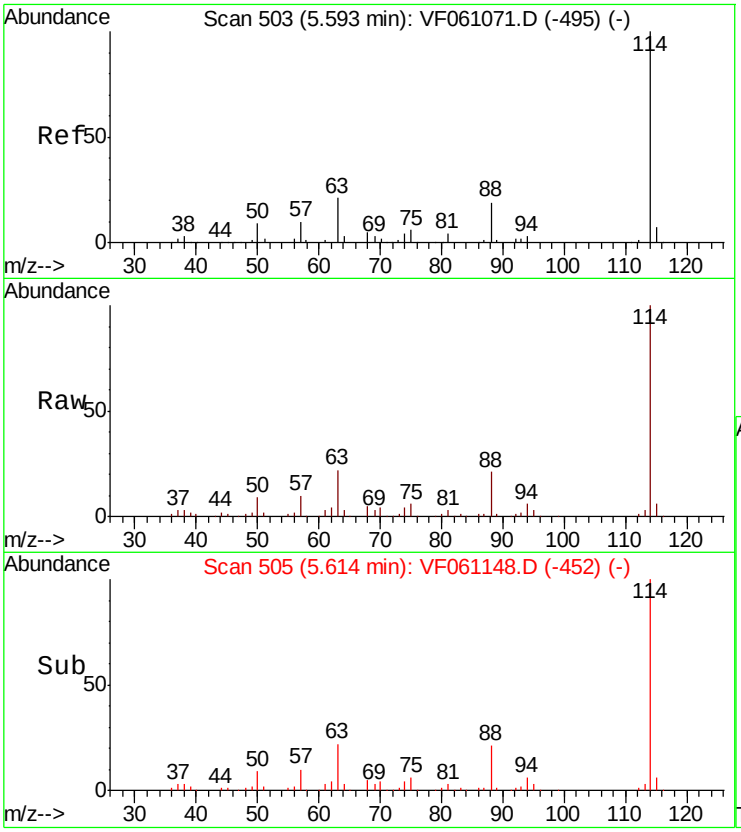


#33
1,2-Dichloroethane-d4
Concen: 62.014 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion: 65 Resp: 128080

Ion	Ratio	Lower	Upper
65	100		
67	44.5	0.0	94.6



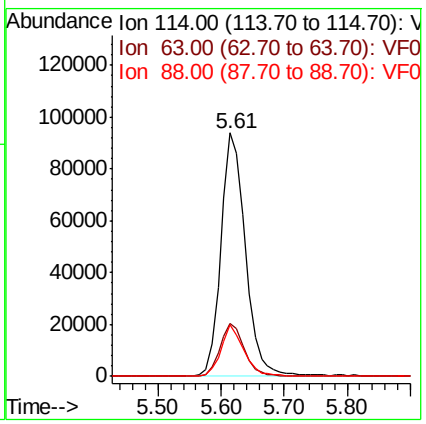


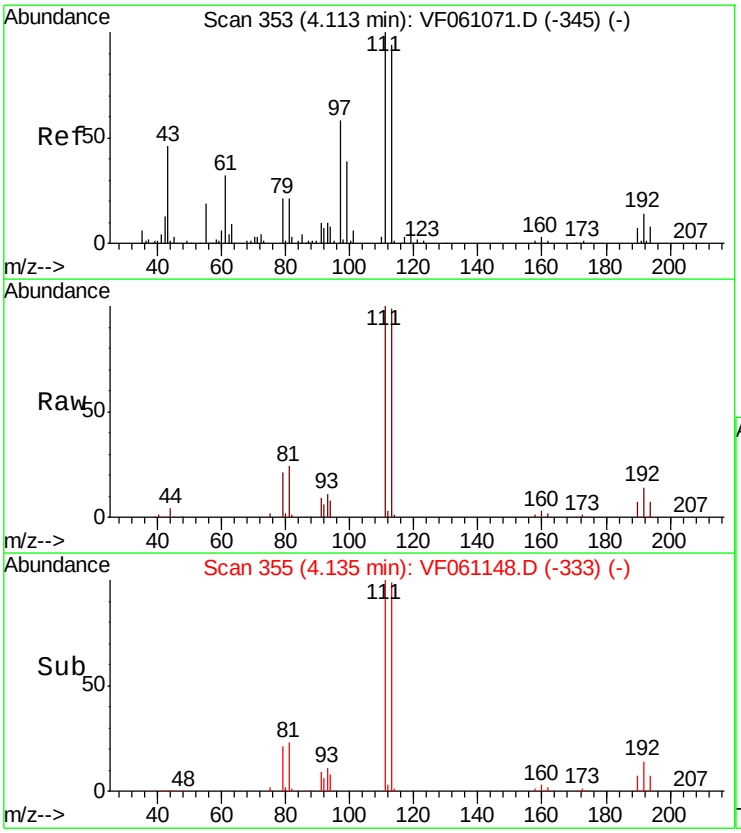
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 254088

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.6
88	21.5	0.0	38.0

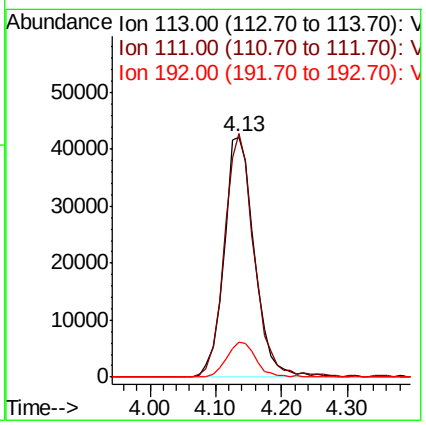


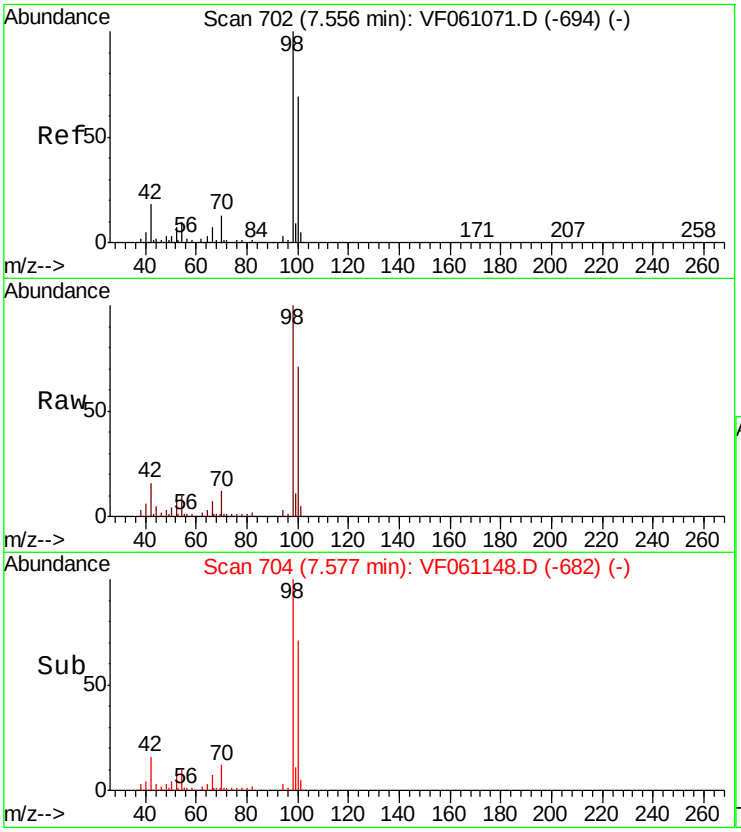


#35
Dibromofluoromethane
Concen: 66.771 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion:113 Resp: 135906

Ion	Ratio	Lower	Upper
113	100		
111	101.3	85.2	127.8
192	14.6	12.8	19.2



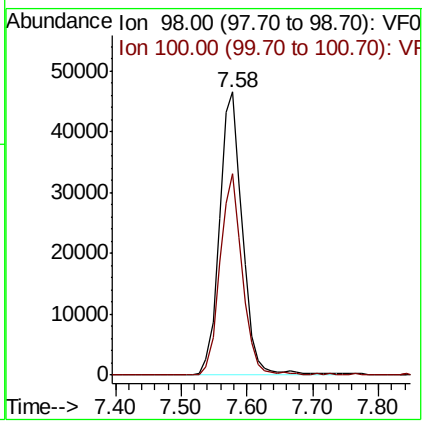


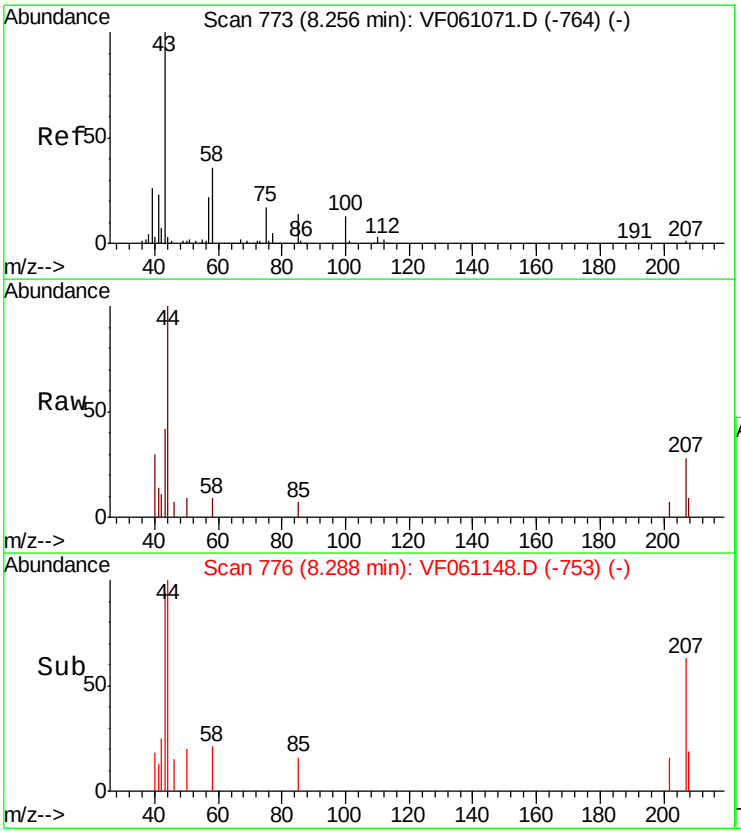
#50
Toluene-d8
Concen: 19.618 ug/l
RT: 7.58 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 113160

Ion	Ratio	Lower	Upper
98	100		
100	71.2	55.3	82.9

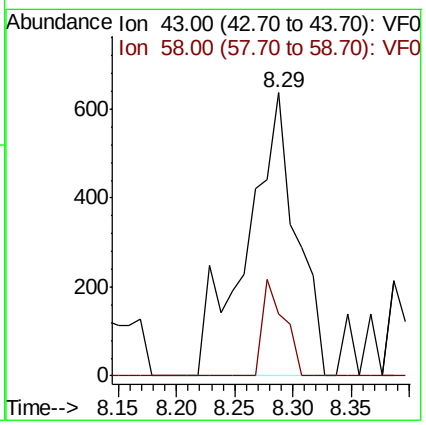


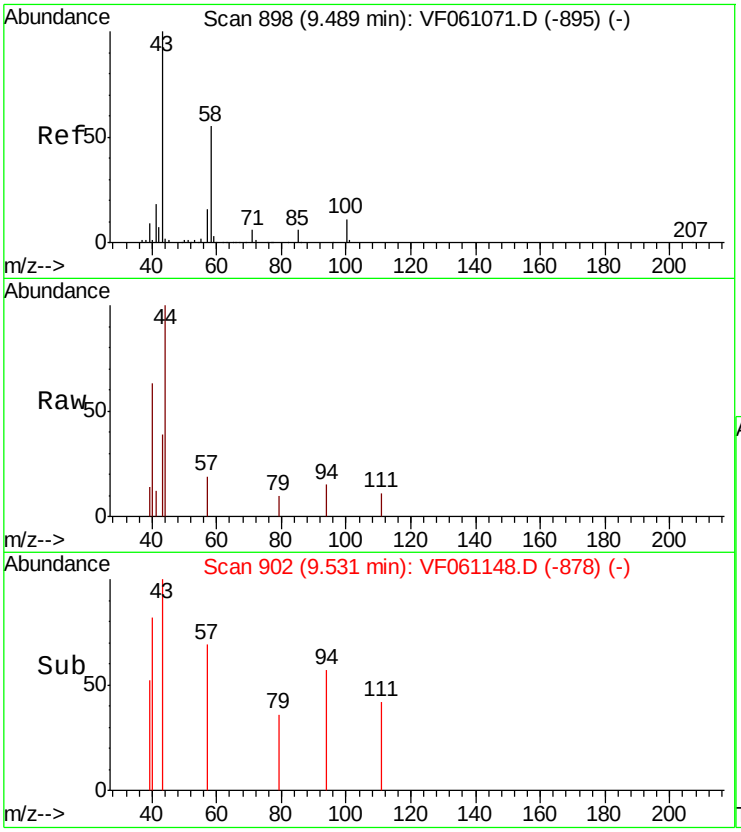


#51
4-Methyl-2-Pentanone
Concen: 1.846 ug/l
RT: 8.29 min Scan# 776
Delta R.T. 0.03 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion: 43 Resp: 1875

Ion	Ratio	Lower	Upper
43	100		
58	21.8	29.1	43.7#



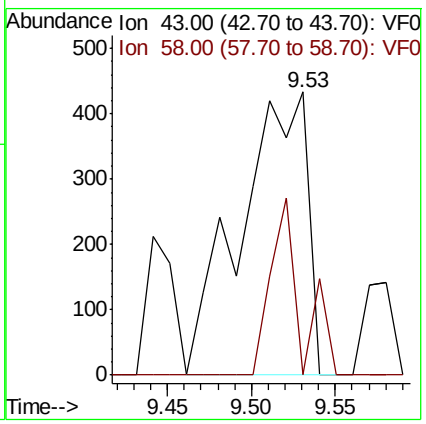


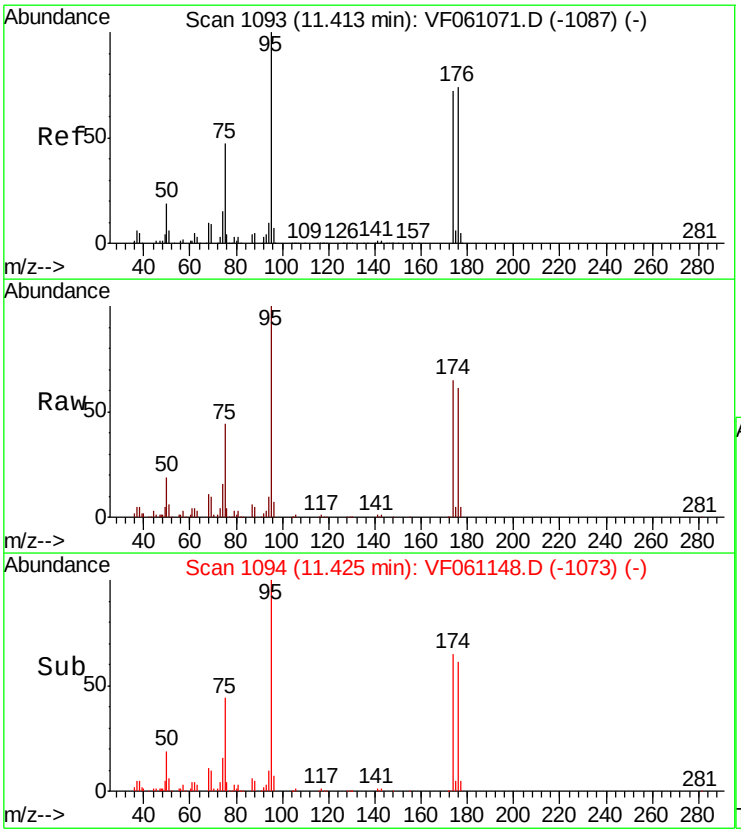
#59
2-Hexanone
Concen: 1.631 ug/l
RT: 9.53 min Scan# 902
Delta R.T. 0.04 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1198

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.2#

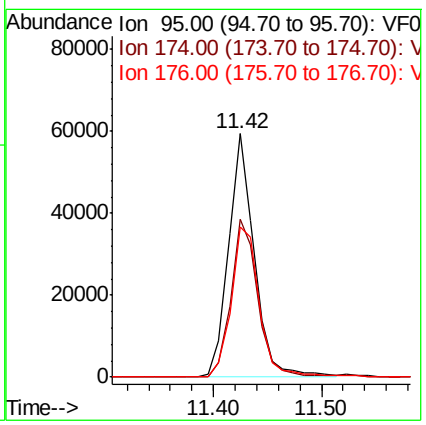


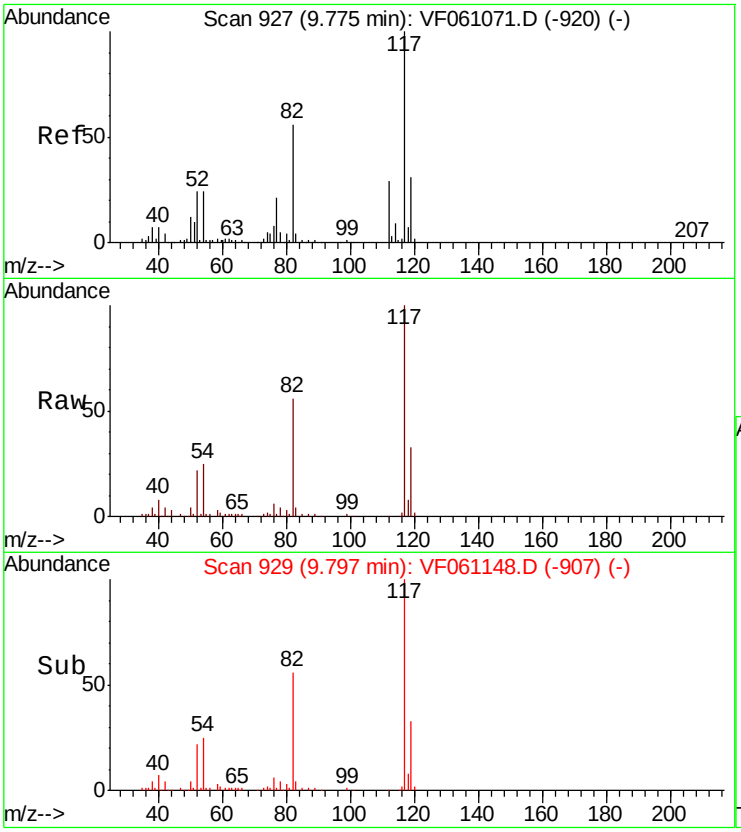


#62
4-Bromofluorobenzene
Concen: 37.016 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion: 95 Resp: 98431

Ion	Ratio	Lower	Upper
95	100		
174	64.6	0.0	143.8
176	61.4	0.0	147.6



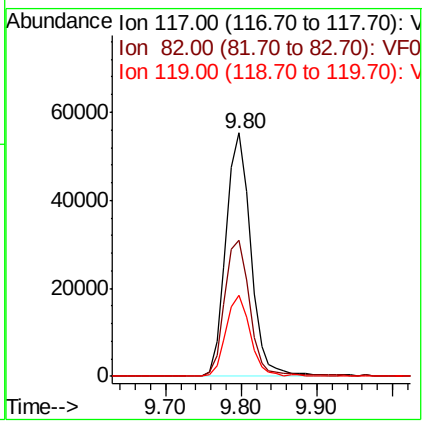


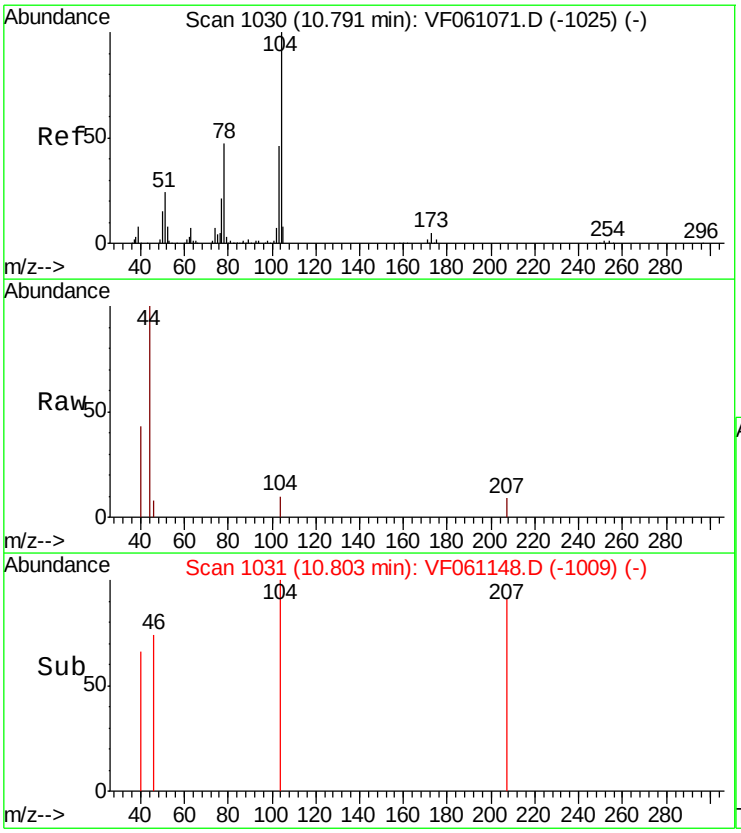
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 126077

Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.0	67.4
119	33.4	24.8	37.2

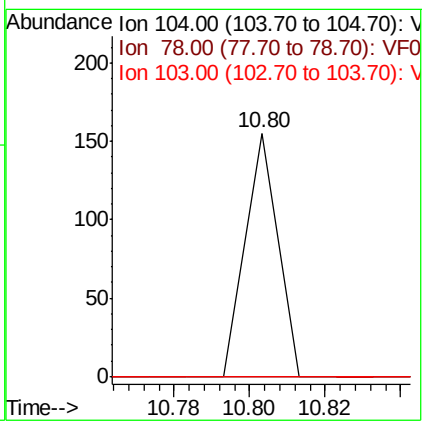


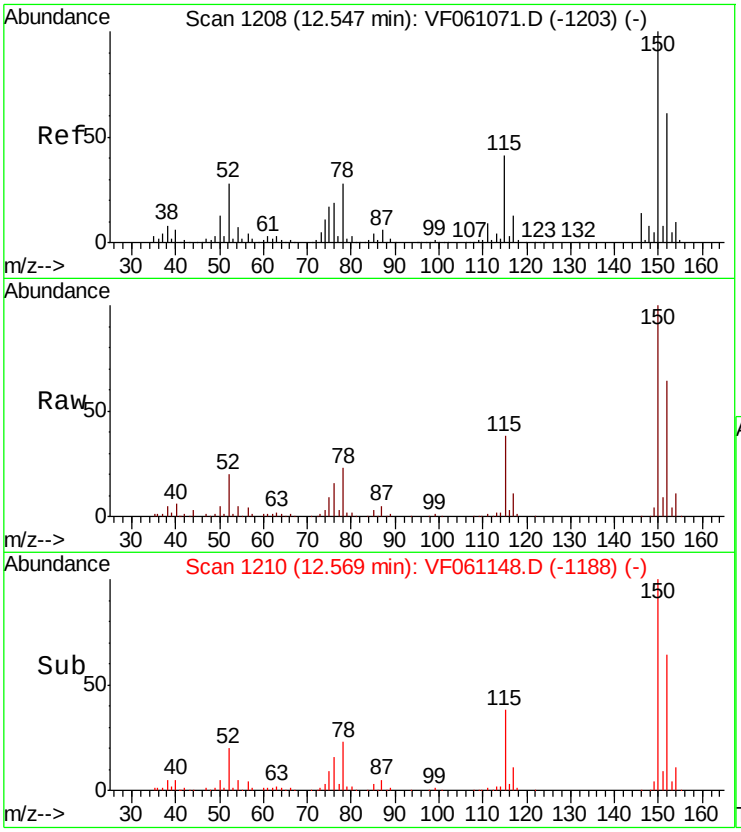


#70
Styrene
Concen: Below Cal
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion:104 Resp: 92

Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.4	57.6#
103	0.0	37.0	55.6#



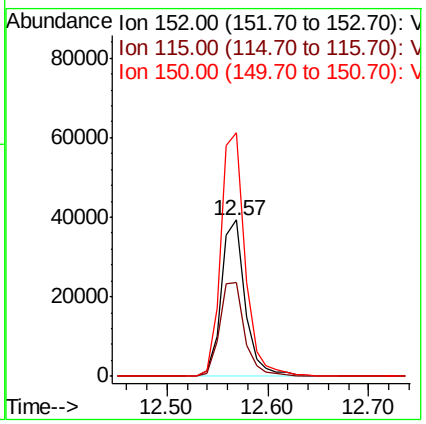


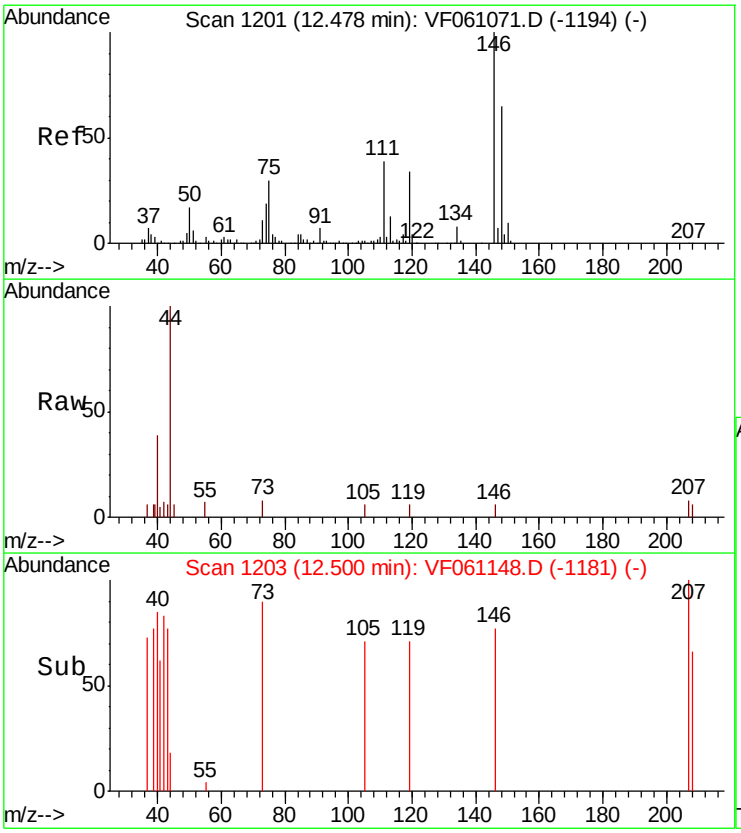
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 65373

Ion	Ratio	Lower	Upper
152	100		
115	59.8	33.3	99.9
150	155.9	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.50 min Scan# 1203
Delta R.T. 0.02 min
Lab File: VF061148.D
Acq: 22 Dec 2018 16:57

Tgt Ion:146 Resp: 147

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.9#
148	0.0	32.4	97.2#