Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061132.D
Acq On : 21 Dec 2018 18:10
Operator : VA/AP
Sample : J6377-11RE
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD004-0006-01RE

Quant Time: Dec 21 23:47:14 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	4.91	168	178197	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.64	114	295526	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.81	117	220091	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.58	152	79300	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.89	65	77339	33.74	ug/l	0.04
Spiked Amount 50.000			Recovery = 67.48%			
35) Dibromofluoromethane	4.15	113	88291	37.30	ug/l	0.03
Spiked Amount 50.000			Recovery = 74.60%			
50) Toluene-d8	7.59	98	199230	29.70	ug/l	0.03
Spiked Amount 50.000			Recovery = 59.40%			
62) 4-Bromofluorobenzene	11.44	95	76043	24.59	ug/l	0.02
Spiked Amount 50.000			Recovery = 49.18%			
Target Compounds						Qvalue
13) Acrolein	2.02	56	504	7.541	ug/l #	56
15) Acrylonitrile	2.98	53	444	2.076	ug/l #	88
16) Acetone	2.27	43	14525	31.702	ug/l	96
18) Methyl Acetate	2.40	43	5833	6.153	ug/l #	66
20) Methylene Chloride	2.28	84	5078	Below Cal #		83
25) 2-Butanone	4.38	43	9572	12.882	ug/l	97
49) 1,4-Dioxane	6.60	88	62	7.106	ug/l #	1
51) 4-Methyl-2-Pentanone	8.30	43	2474	2.094	ug/l #	71
59) 2-Hexanone	9.53	43	2892	3.385	ug/l #	59
70) Styrene	10.83	104	93	Below Cal #		30
78) n-propylbenzene	11.62	91	797	Below Cal #		55
87) 1,3-Dichlorobenzene	12.49	146	870	Below Cal		84
88) 1,4-Dichlorobenzene	12.59	146	4511	1.670	ug/l	98

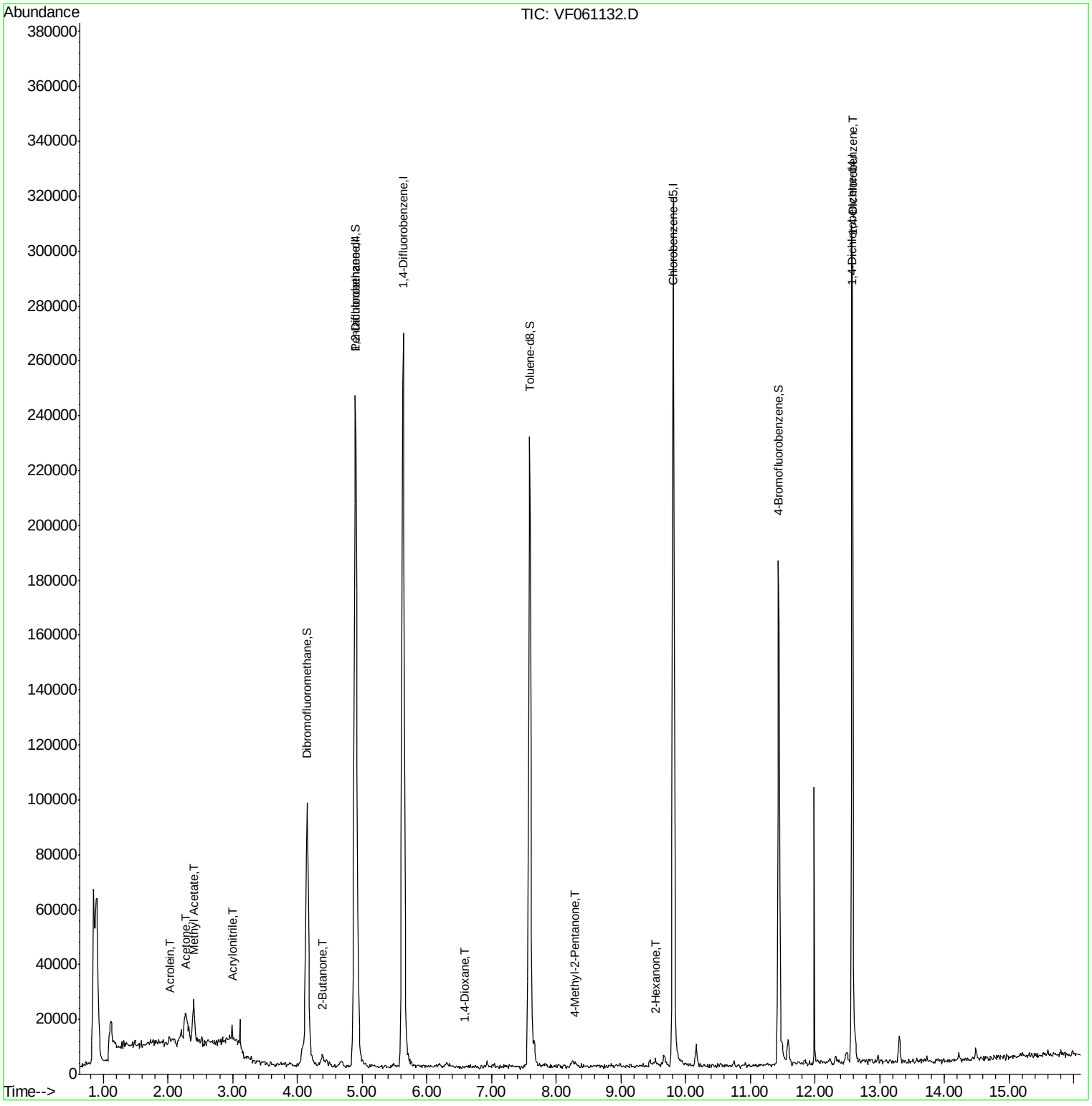
(#) = qualifier out of range (m) = manual integration (+) = signals summed

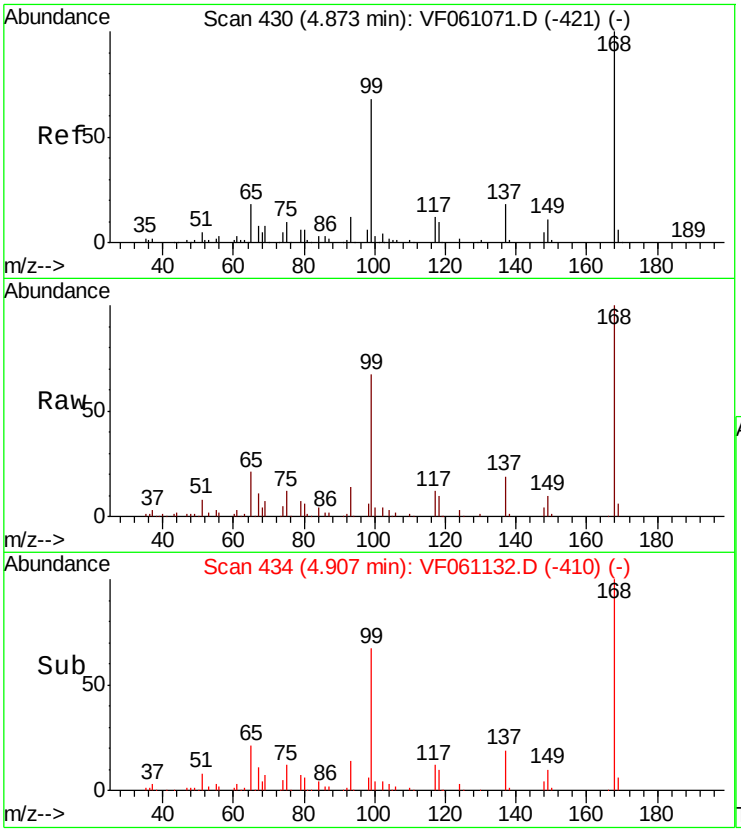
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122118\
Data File : VF061132.D
Acq On : 21 Dec 2018 18:10
Operator : VA/AP
Sample : J6377-11RE
Misc : 2.78g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0006-01RE

Quant Time: Dec 21 23:47:14 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



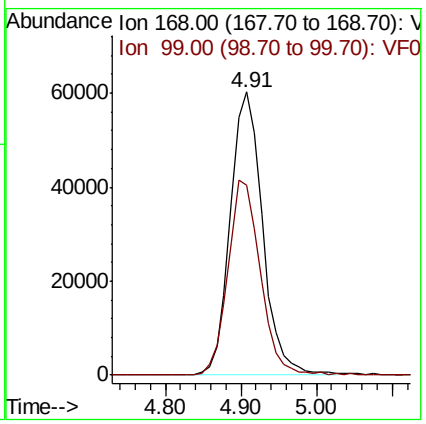


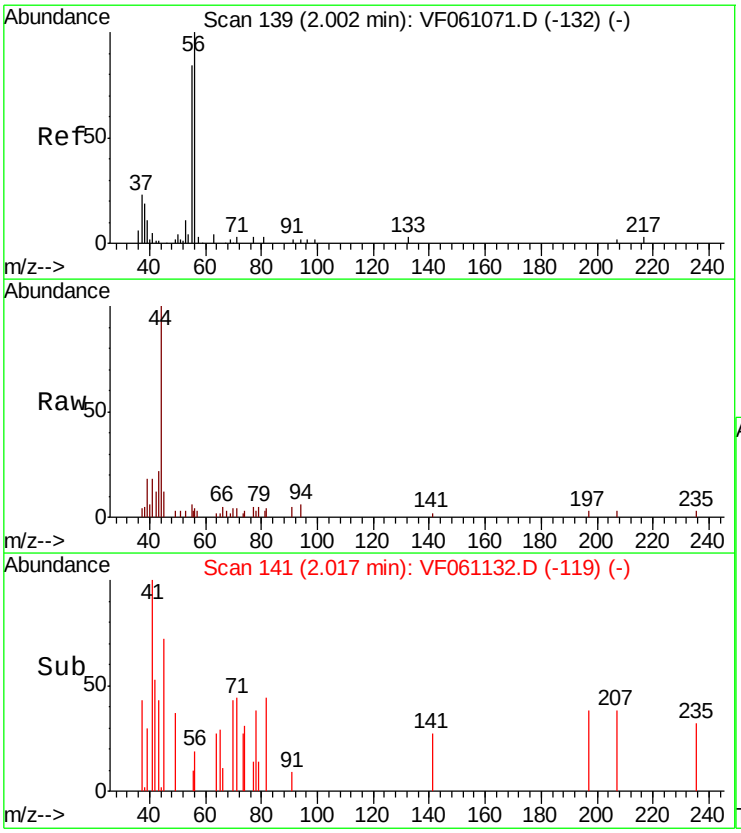
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.91 min Scan# 434
Delta R.T. 0.03 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0006-01RE

Tgt Ion:168 Resp: 178197

Ion	Ratio	Lower	Upper
168	100		
99	67.2	54.4	81.6

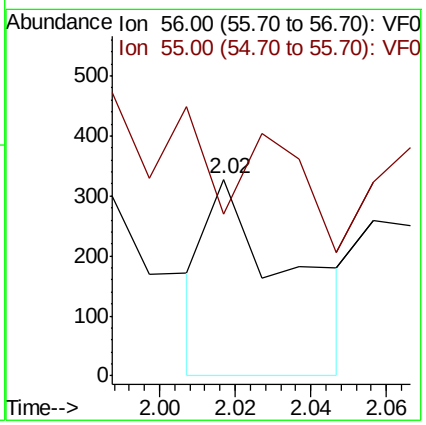


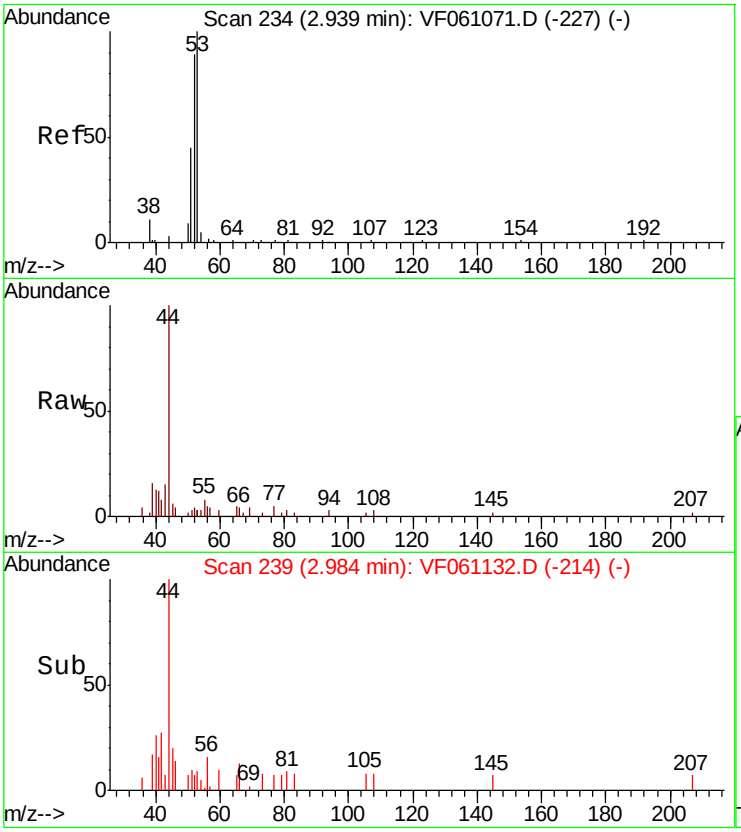


#13
Acrolein
Concen: 7.541 ug/l
RT: 2.02 min Scan# 141
Delta R.T. 0.02 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion: 56 Resp: 504

Ion	Ratio	Lower	Upper
56	100		
55	128.4	70.2	105.2#



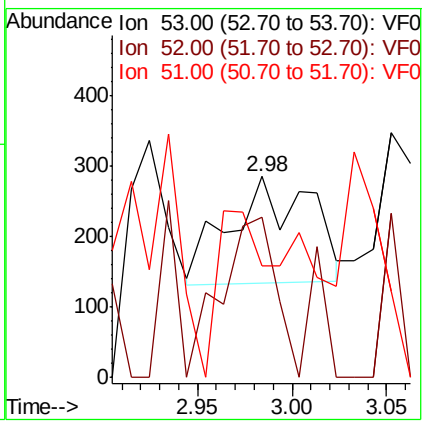


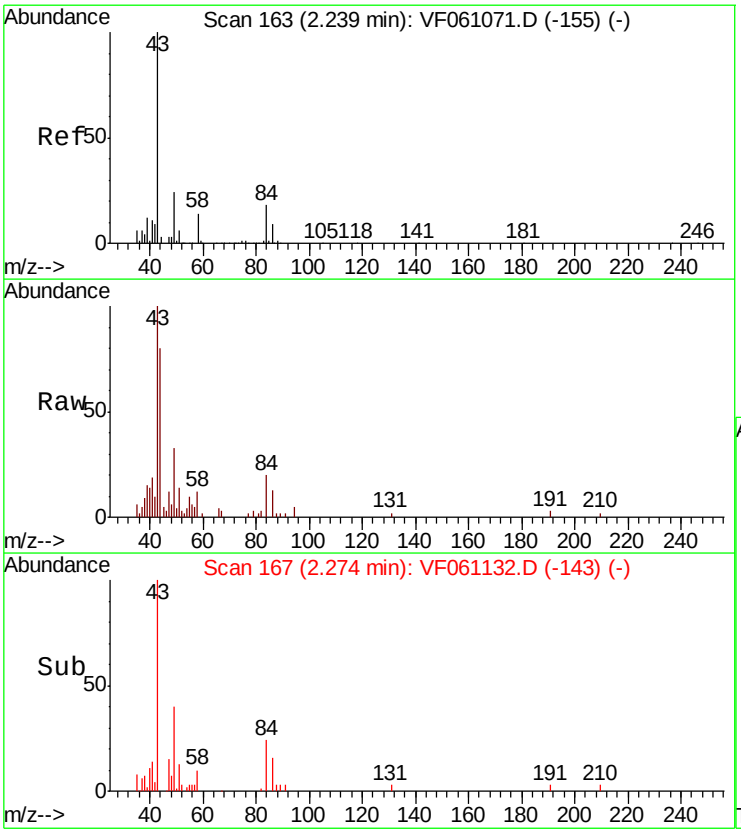
#15
Acrylonitrile
Concen: 2.076 ug/l
RT: 2.98 min Scan# 239
Delta R.T. 0.04 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument : MSVOA_F
ClientSampleId : P001-SD004-0006-01RE

Tgt Ion: 53 Resp: 444

Ion	Ratio	Lower	Upper
53	100		
52	79.6	71.3	106.9
51	55.4	36.8	55.2#

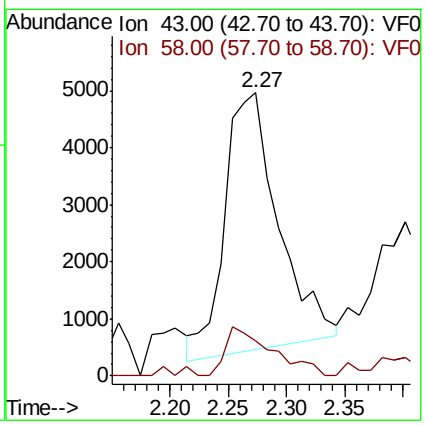


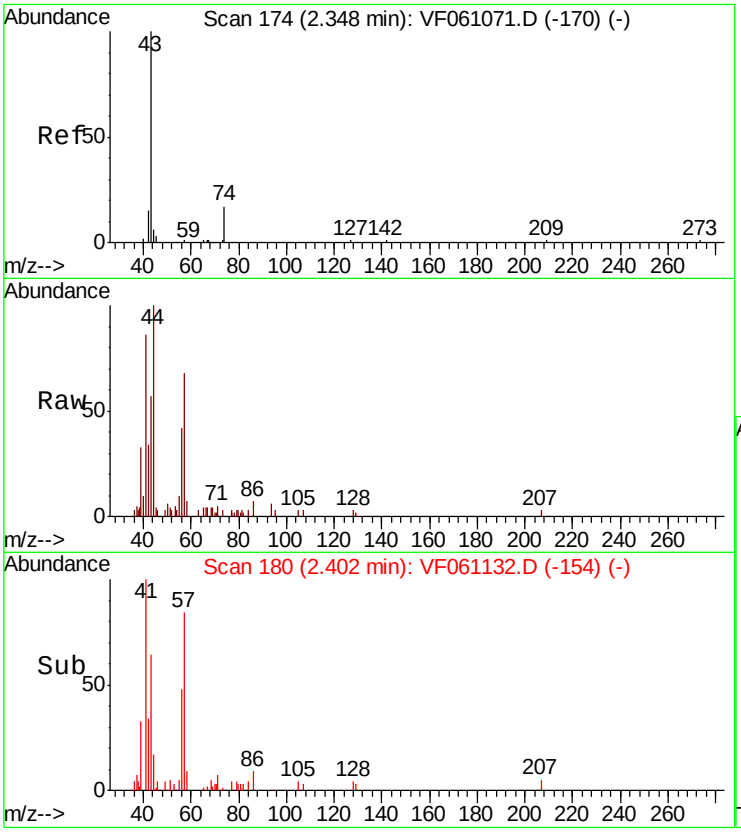


#16
Acetone
Concen: 31.702 ug/l
RT: 2.27 min Scan# 167
Delta R.T. 0.03 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion: 43 Resp: 14525

Ion	Ratio	Lower	Upper
43	100		
58	12.4	11.1	16.7



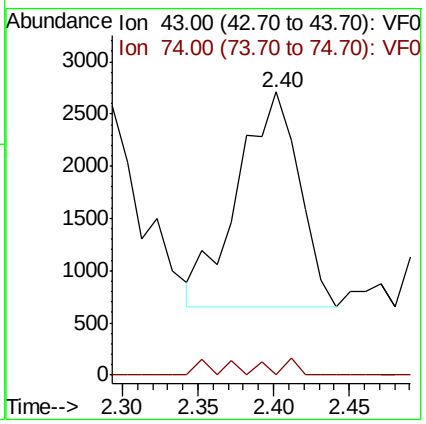


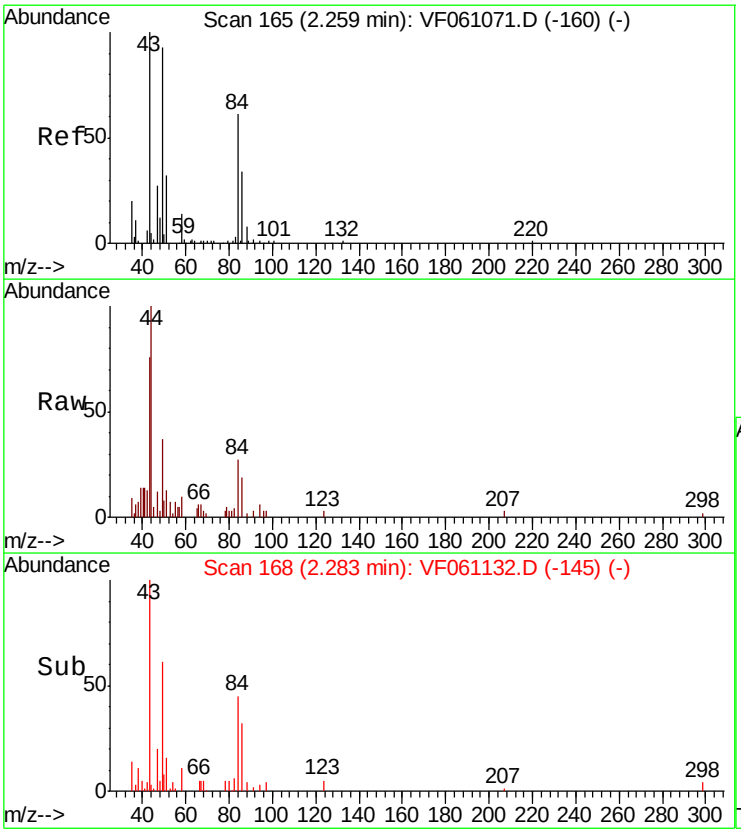
#18
Methyl Acetate
Concen: 6.153 ug/l
RT: 2.40 min Scan# 180
Delta R.T. 0.05 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument : MSVOA_F
ClientSampleId : P001-SD004-0006-01RE

Tgt Ion: 43 Resp: 5833

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#

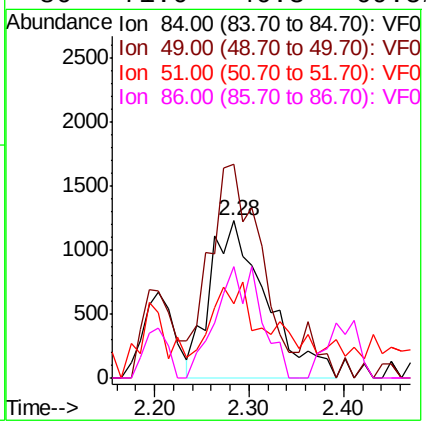


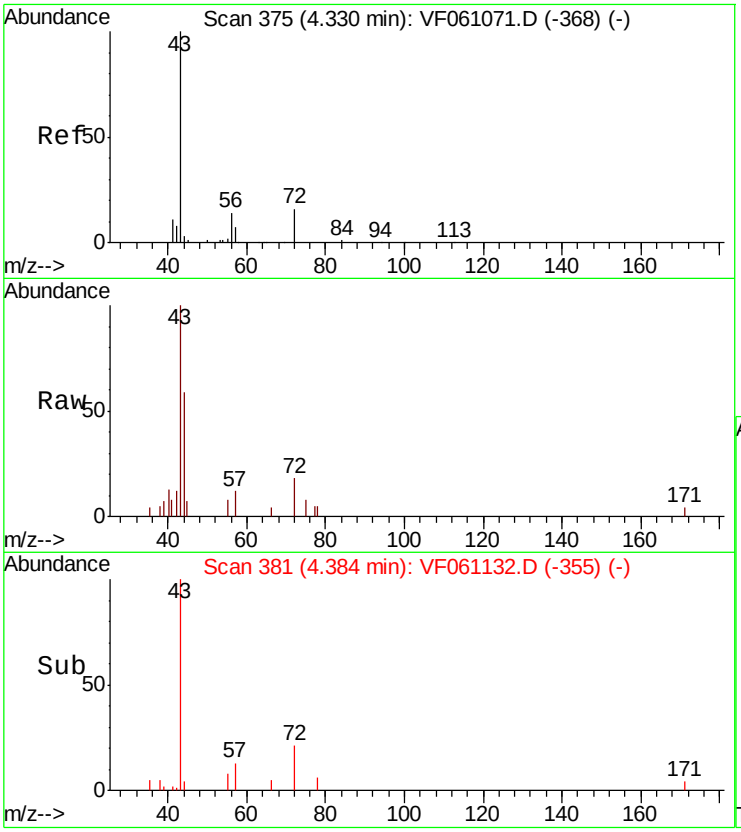


#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 168
Delta R.T. 0.03 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion: 84 Resp: 5078

Ion	Ratio	Lower	Upper
84	100		
49	136.1	129.4	194.2
51	47.7	44.0	66.0
86	71.0	46.3	69.5#



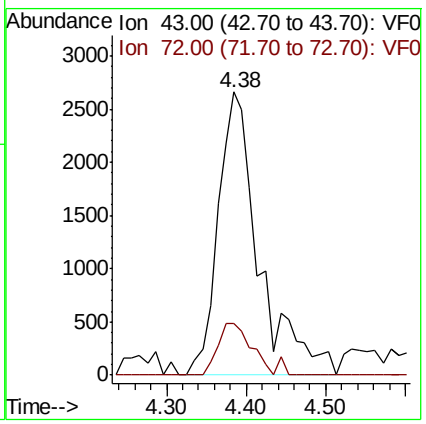


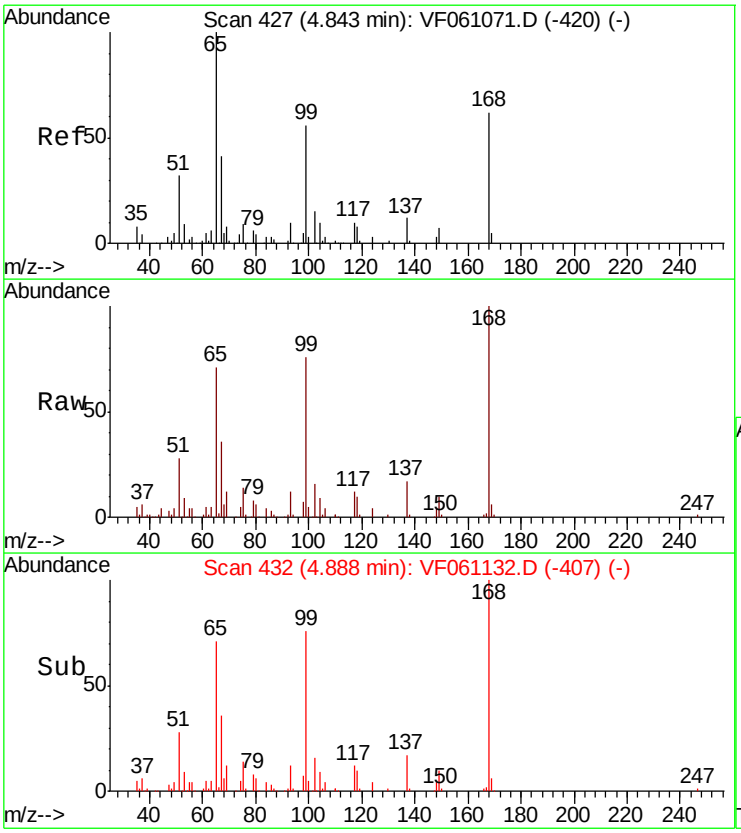
#25
2-Butanone
Concen: 12.882 ug/l
RT: 4.38 min Scan# 381
Delta R.T. 0.05 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0006-01RE

Tgt Ion: 43 Resp: 9572

Ion	Ratio	Lower	Upper
43	100		
72	18.3	15.6	23.4

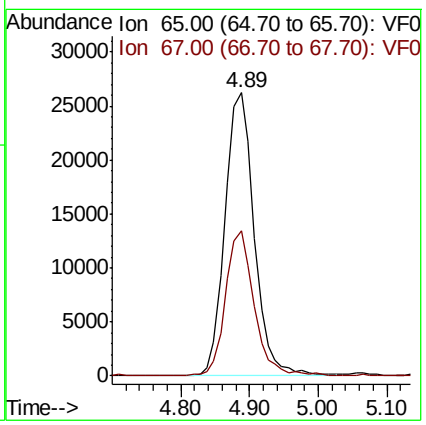


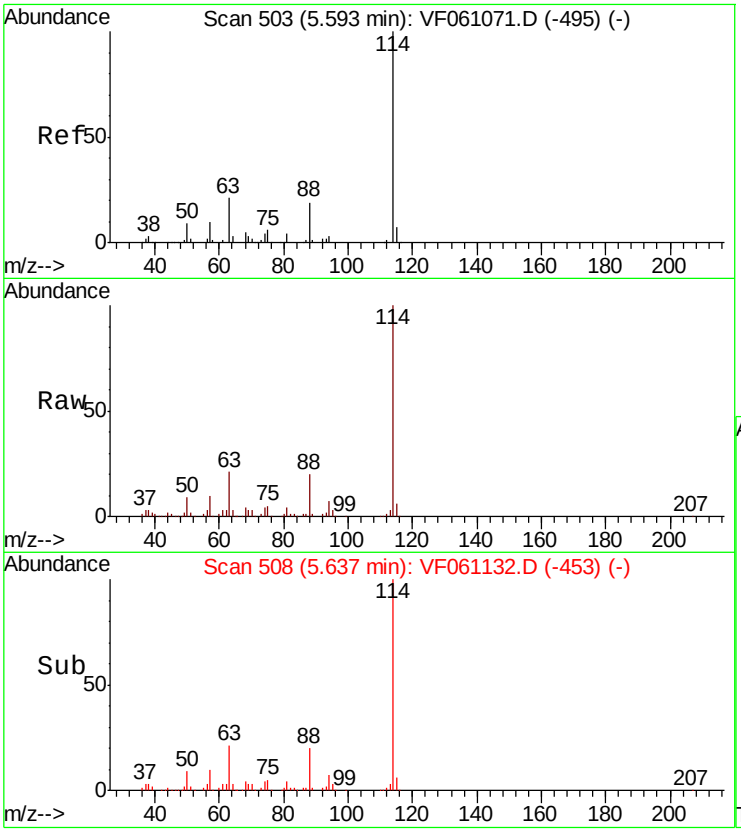


#33
1,2-Dichloroethane-d4
Concen: 33.744 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.04 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion: 65 Resp: 77339

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	94.6



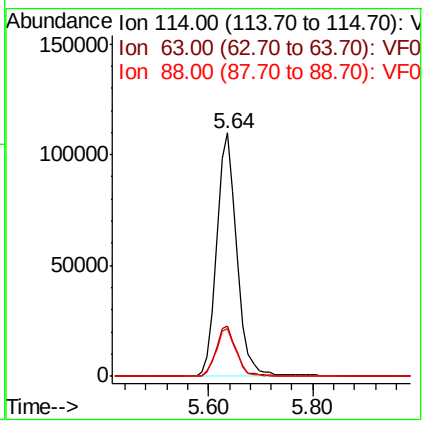


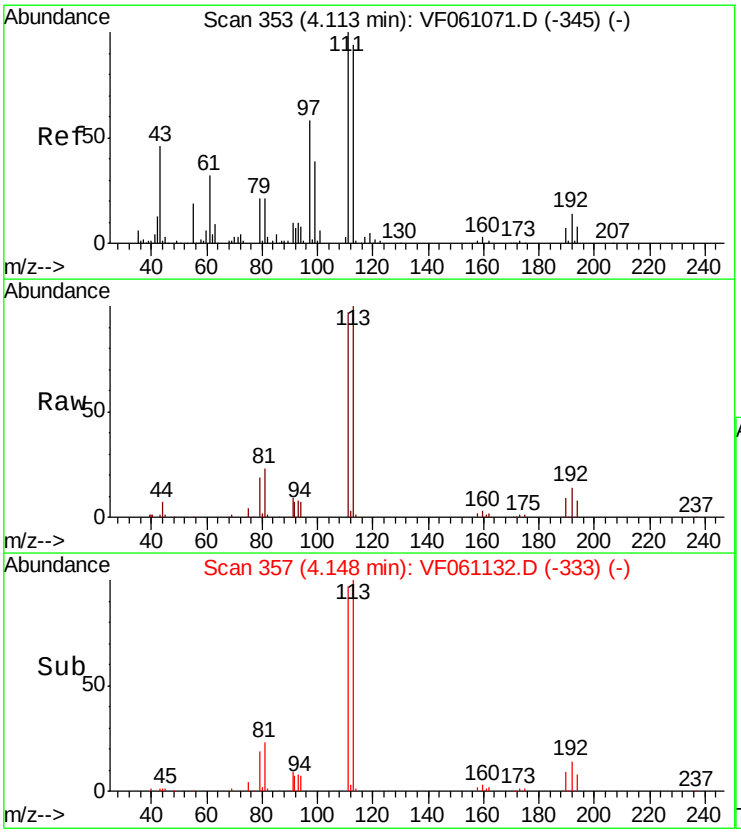
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 508
Delta R.T. 0.04 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0006-01RE

Tgt Ion:114 Resp: 295526

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.6
88	19.6	0.0	38.0

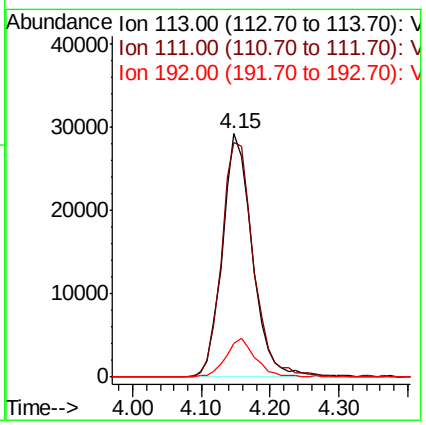


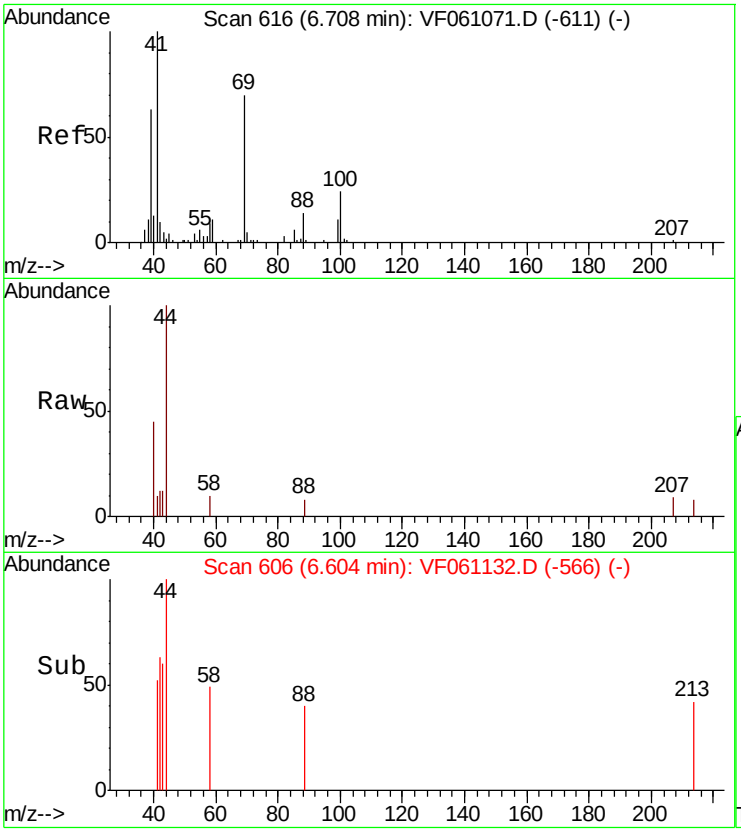


#35
Dibromofluoromethane
Concen: 37.296 ug/l
RT: 4.15 min Scan# 357
Delta R.T. 0.03 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion:113 Resp: 88291

Ion	Ratio	Lower	Upper
113	100		
111	96.6	85.2	127.8
192	13.7	12.8	19.2



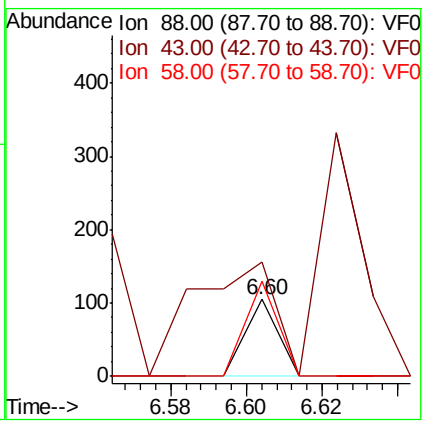


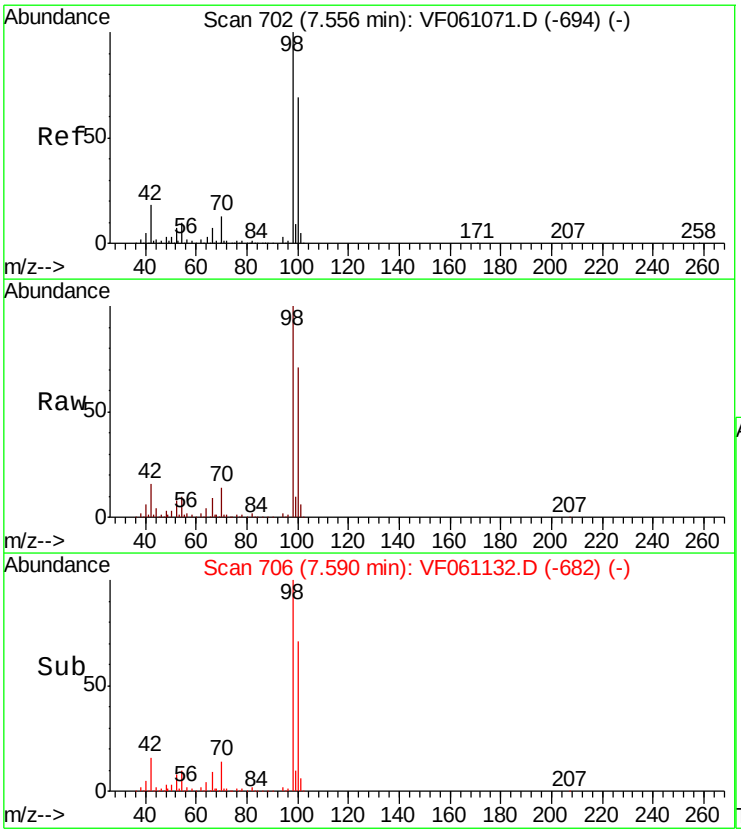
#49
1,4-Dioxane
Concen: 7.106 ug/l
RT: 6.60 min Scan# 606
Delta R.T. -0.10 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument : MSVOA_F
ClientSampleId : P001-SD004-0006-01RE

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	148.6	33.3	49.9#
58	122.9	53.2	79.8#

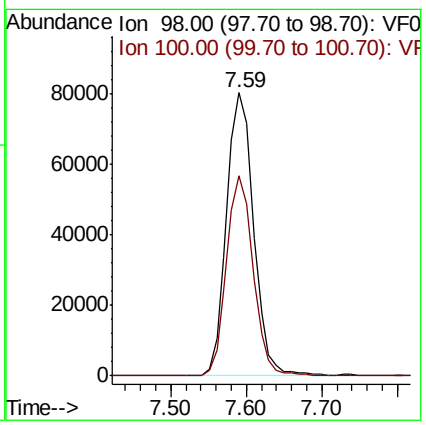


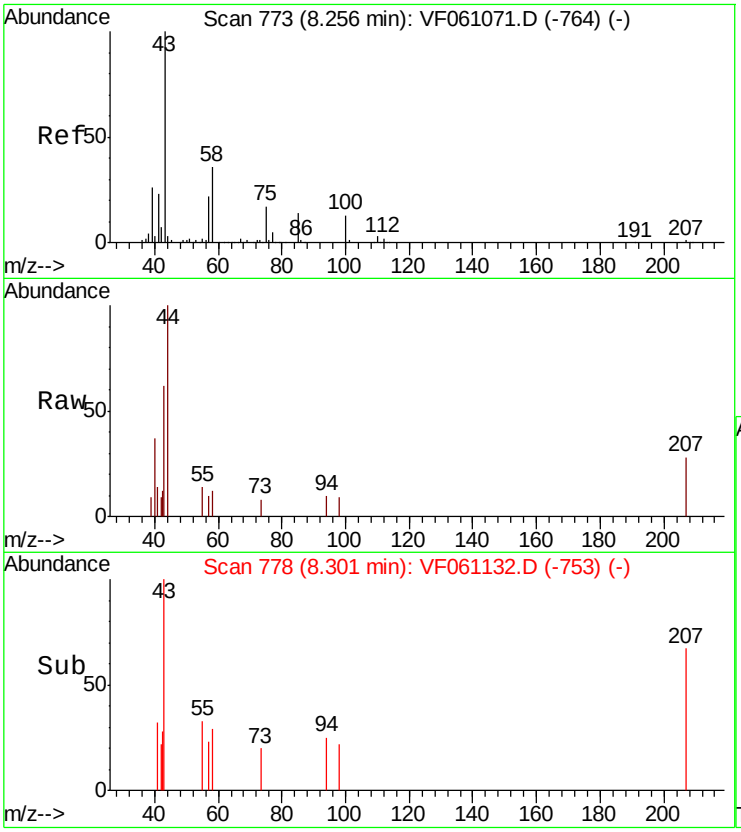


#50
Toluene-d8
Concen: 29.697 ug/l
RT: 7.59 min Scan# 706
Delta R.T. 0.03 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion: 98 Resp: 199230

Ion	Ratio	Lower	Upper
98	100		
100	70.5	55.3	82.9



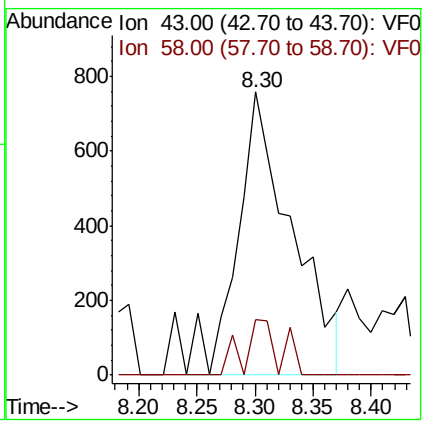


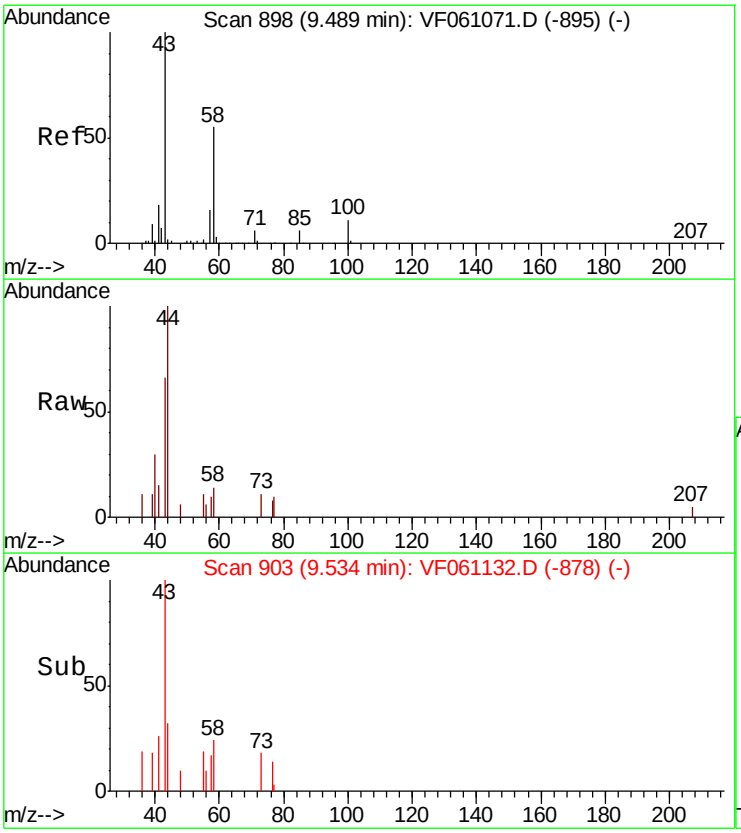
#51
4-Methyl-2-Pentanone
Concen: 2.094 ug/l
RT: 8.30 min Scan# 778
Delta R.T. 0.04 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument : MSVOA_F
ClientSampleId : P001-SD004-0006-01RE

Tgt Ion: 43 Resp: 2474

Ion	Ratio	Lower	Upper
43	100		
58	19.5	29.1	43.7#

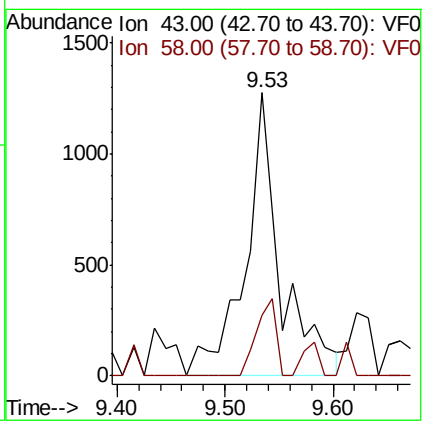


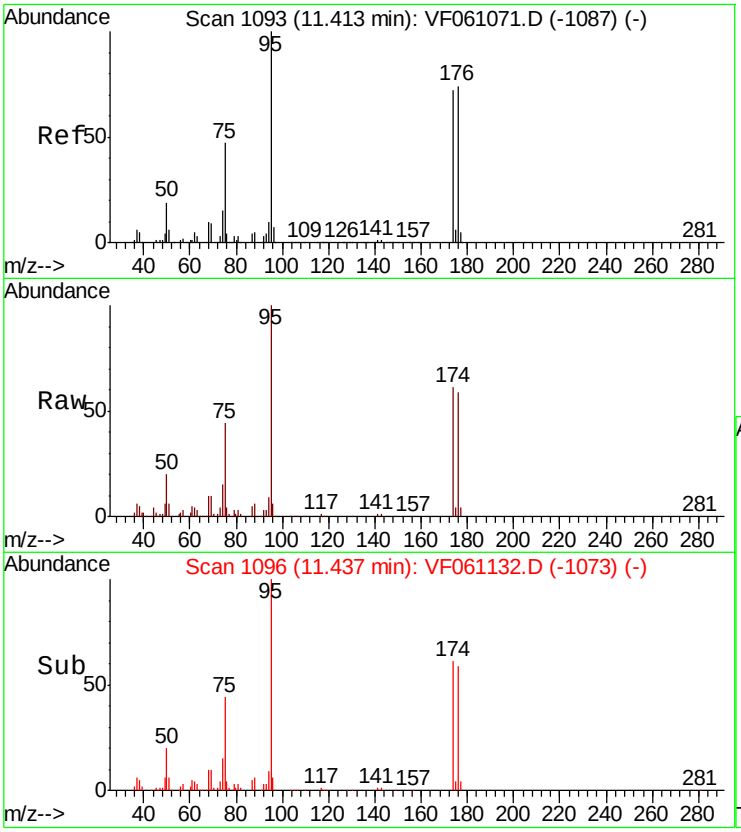


#59
2-Hexanone
Concen: 3.385 ug/l
RT: 9.53 min Scan# 903
Delta R.T. 0.04 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion: 43 Resp: 2892

Ion	Ratio	Lower	Upper
43	100		
58	21.6	25.1	75.2#



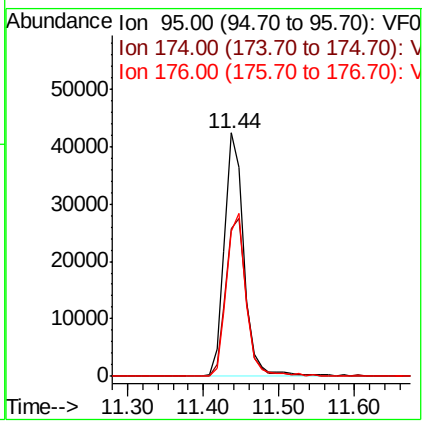


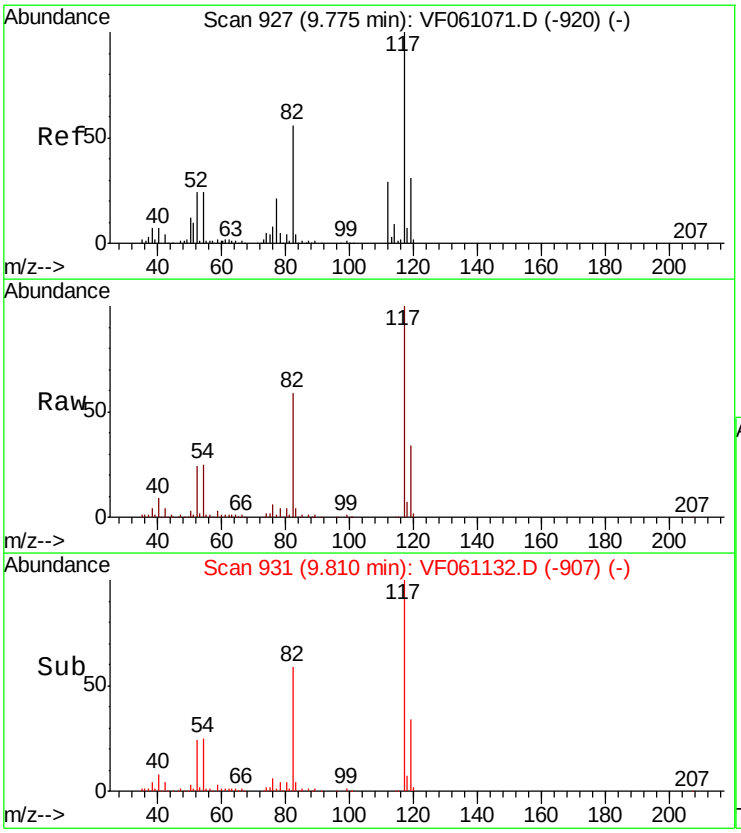
#62
4-Bromofluorobenzene
Concen: 24.587 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. 0.02 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0006-01RE

Tgt Ion: 95 Resp: 76043

Ion	Ratio	Lower	Upper
95	100		
174	60.7	0.0	143.8
176	59.4	0.0	147.6

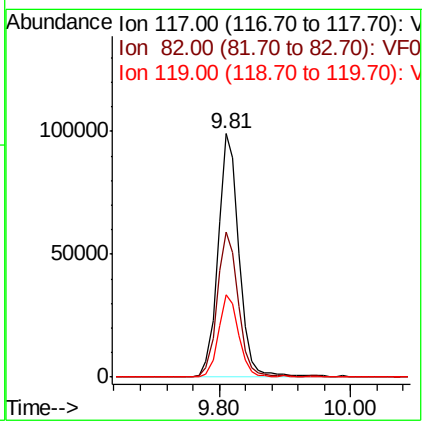


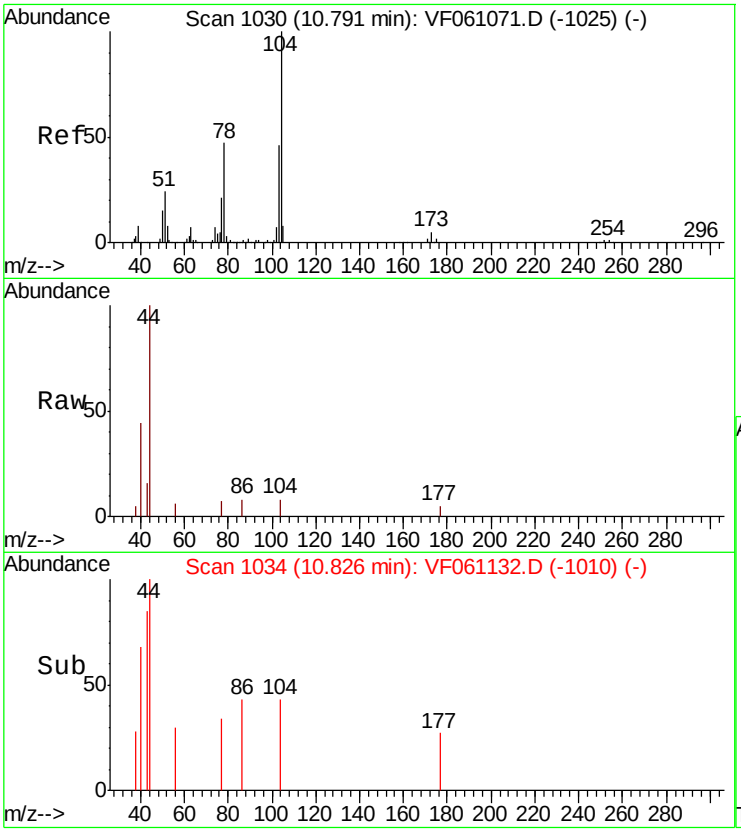


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.03 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion:117 Resp: 220091

Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.0	67.4
119	34.0	24.8	37.2



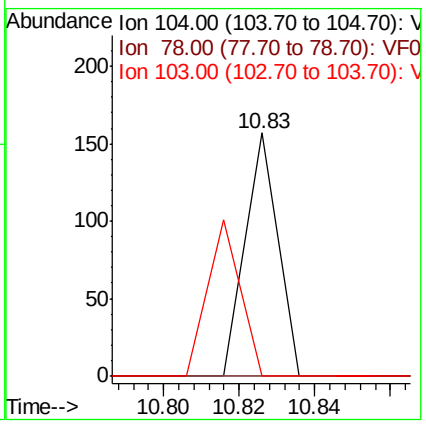


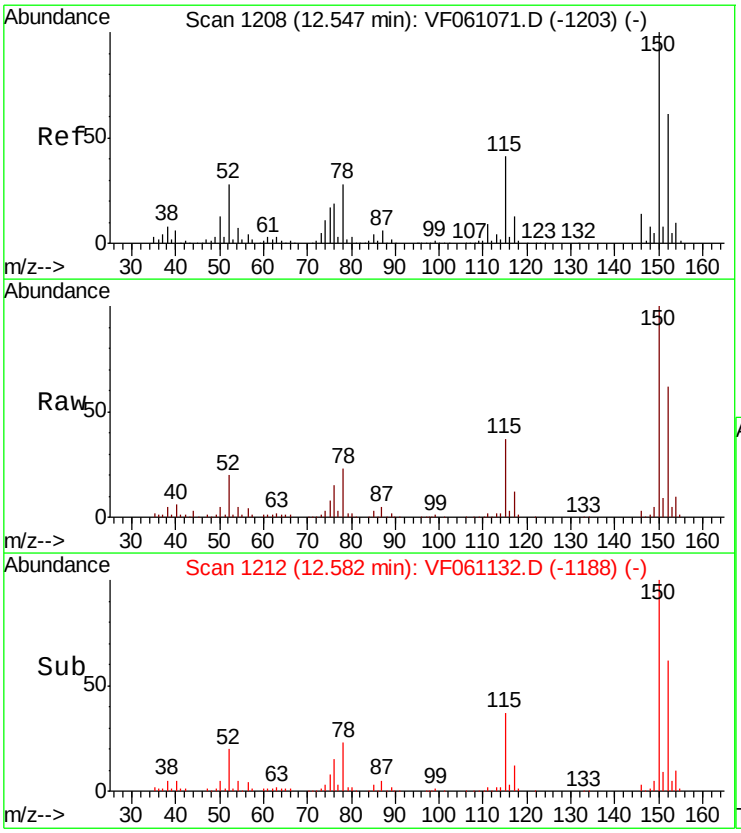
#70
Stvrene
Concen: Below Cal
RT: 10.83 min Scan# 1034
Delta R.T. 0.03 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0006-01RE

Tgt Ion:104 Resp: 93

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

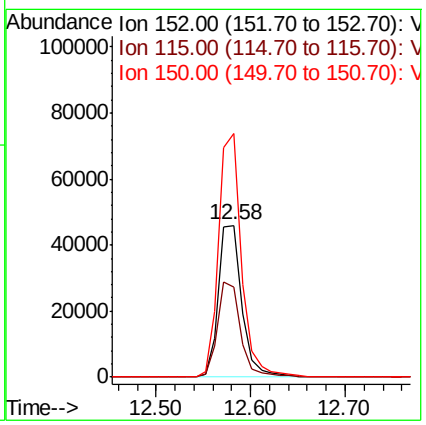


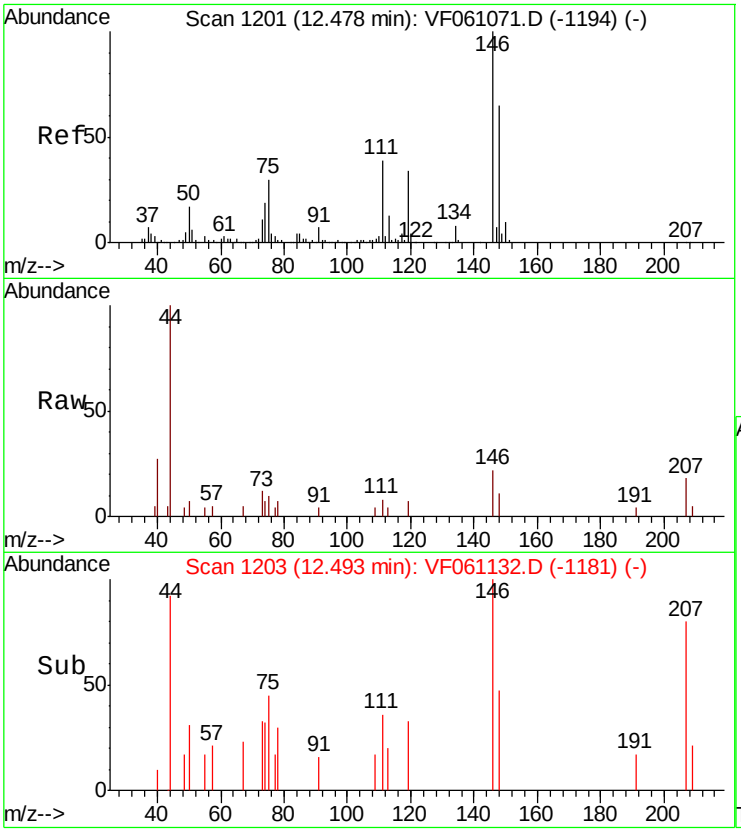


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1212
Delta R.T. 0.03 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion:152 Resp: 79300

Ion	Ratio	Lower	Upper
152	100		
115	59.4	33.3	99.9
150	160.3	0.0	328.2



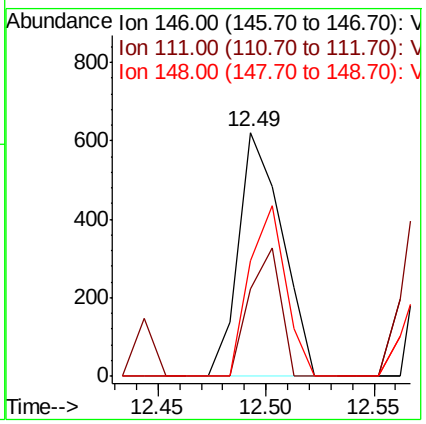


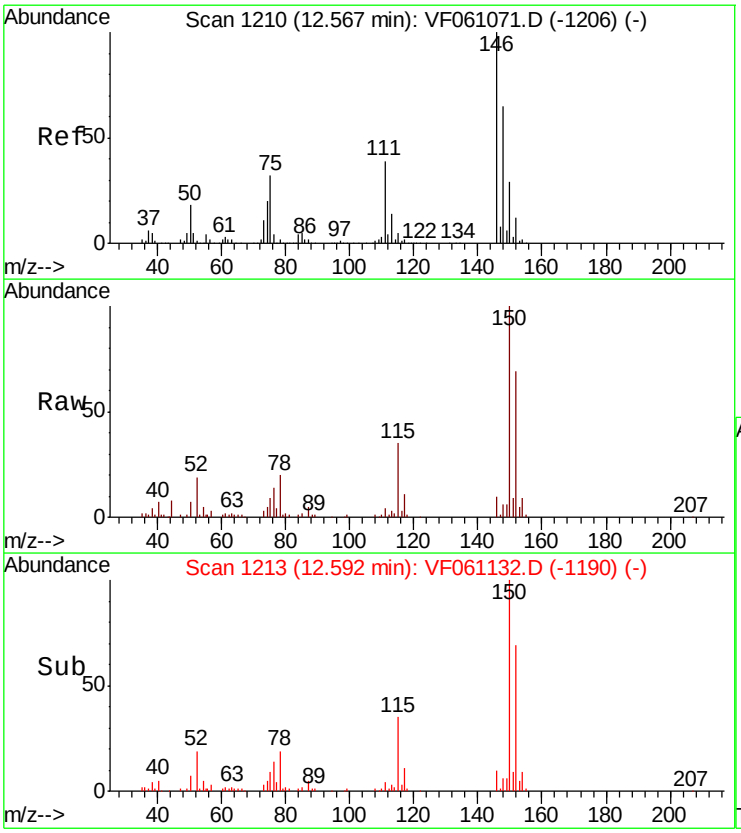
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.49 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Instrument : MSVOA_F
ClientSampleId : P001-SD004-0006-01RE

Tgt Ion:146 Resp: 870

Ion	Ratio	Lower	Upper
146	100		
111	35.7	19.3	57.9
148	47.2	32.4	97.2





#88
1,4-Dichlorobenzene
Concen: 1.670 ug/l
RT: 12.59 min Scan# 1213
Delta R.T. 0.02 min
Lab File: VF061132.D
Acq: 21 Dec 2018 18:10

Tgt Ion:146 Resp: 4511

Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.4	58.4
148	64.1	32.4	97.0