Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061133.D
Acq On : 21 Dec 2018 18:39
Operator : VA/AP
Sample : J6377-12RE
Misc : 3.70g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD004-0612-01

Quant Time: Dec 21 23:47:25 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	185804	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.64	114	335580	50.00	ug/l	0.05
63) Chlorobenzene-d5	9.81	117	267114	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.58	152	104807	50.00	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.89	65	85878	35.94	ug/l	0.05
Spiked Amount 50.000			Recovery = 71.88%			
35) Dibromofluoromethane	4.16	113	103466	38.49	ug/l	0.05
Spiked Amount 50.000			Recovery = 76.98%			
50) Toluene-d8	7.59	98	258426	33.92	ug/l	0.04
Spiked Amount 50.000			Recovery = 67.84%			
62) 4-Bromofluorobenzene	11.44	95	103724	29.53	ug/l	0.03
Spiked Amount 50.000			Recovery = 59.06%			
Target Compounds						Qvalue
13) Acrolein	2.06	56	428	6.142	ug/l	85
15) Acrylonitrile	2.92	53	613	2.749	ug/l #	73
16) Acetone	2.26	43	11880	24.867	ug/l #	90
18) Methyl Acetate	2.39	43	5191	5.252	ug/l #	66
20) Methylene Chloride	2.28	84	4840	Below Cal #		82
25) 2-Butanone	4.39	43	5960	7.692	ug/l	96
29) Tetrahydrofuran	4.11	42	518	1.643	ug/l #	37
49) 1,4-Dioxane	6.99	88	67	6.763	ug/l #	1
51) 4-Methyl-2-Pentanone	8.31	43	1763	1.314	ug/l	91
59) 2-Hexanone	9.53	43	2729	2.813	ug/l	99
70) Styrene	10.82	104	205	Below Cal #		43
78) n-propylbenzene	11.63	91	421	Below Cal #		55
87) 1,3-Dichlorobenzene	12.50	146	1069	Below Cal		96
88) 1,4-Dichlorobenzene	12.59	146	5283	1.480	ug/l	93

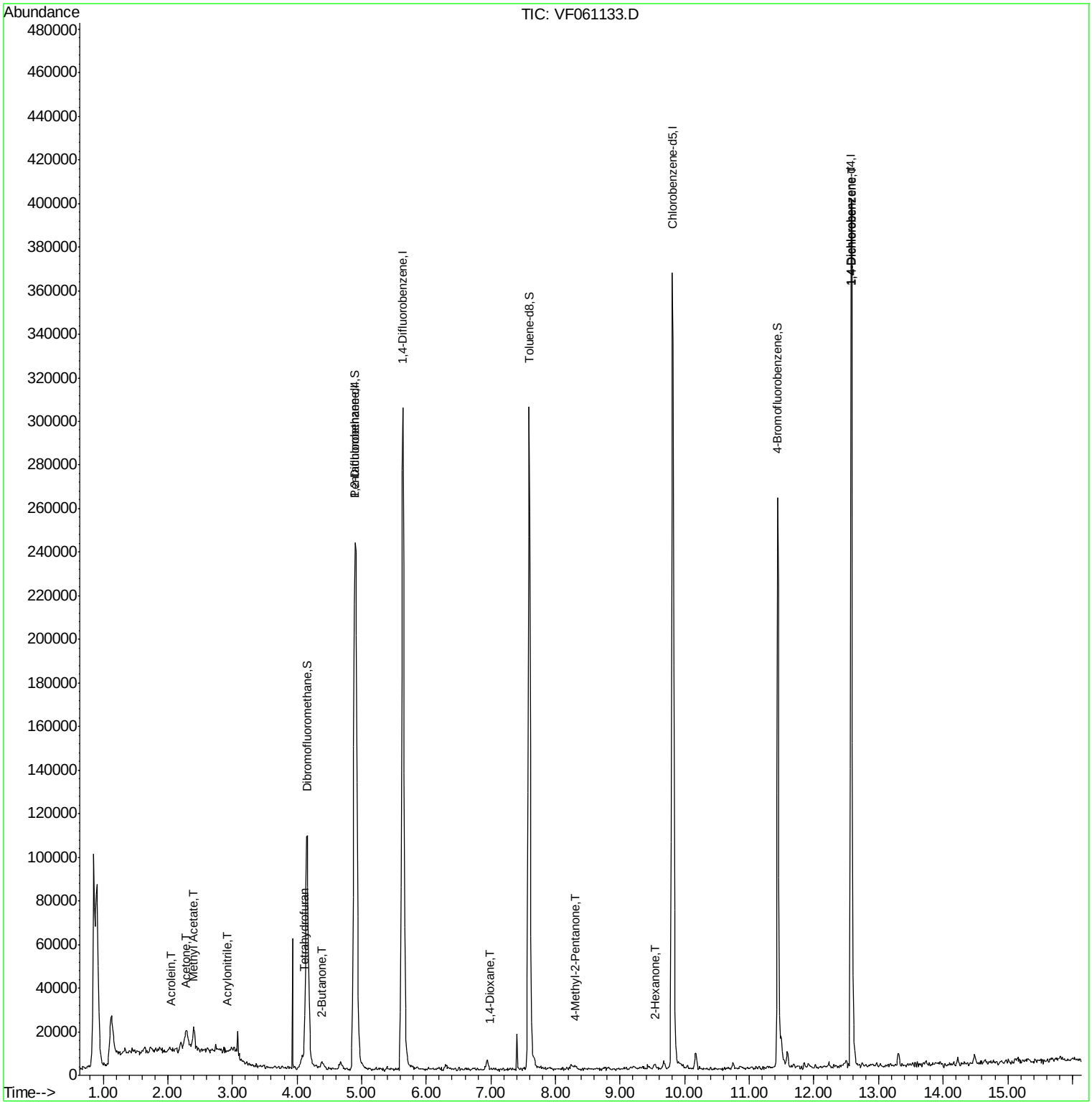
(#) = qualifier out of range (m) = manual integration (+) = signals summed

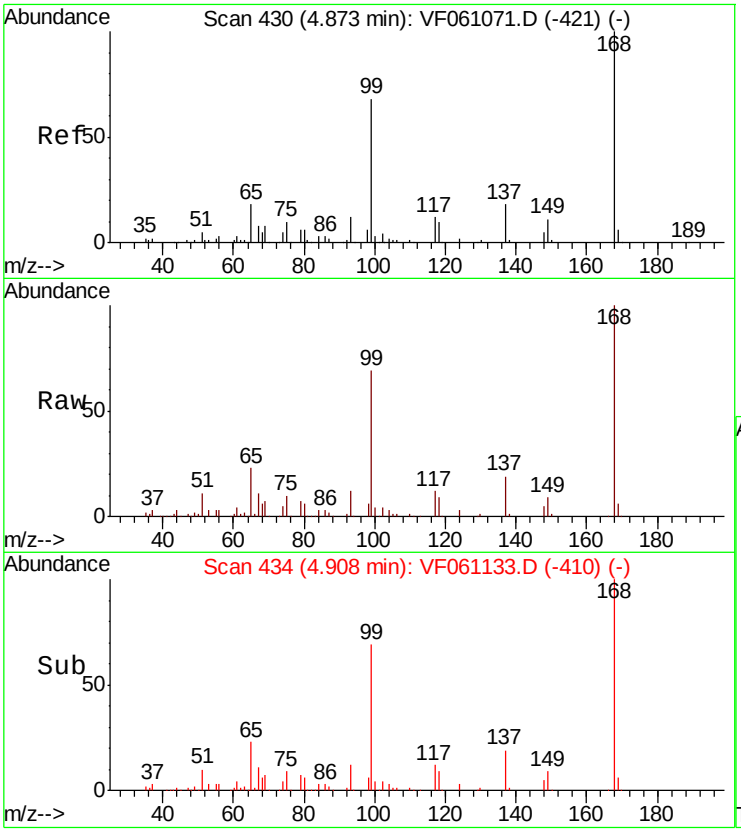
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122118\
Data File : VF061133.D
Acq On : 21 Dec 2018 18:39
Operator : VA/AP
Sample : J6377-12RE
Misc : 3.70g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Quant Time: Dec 21 23:47:25 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



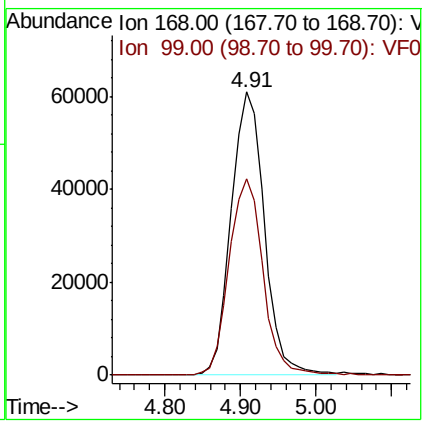


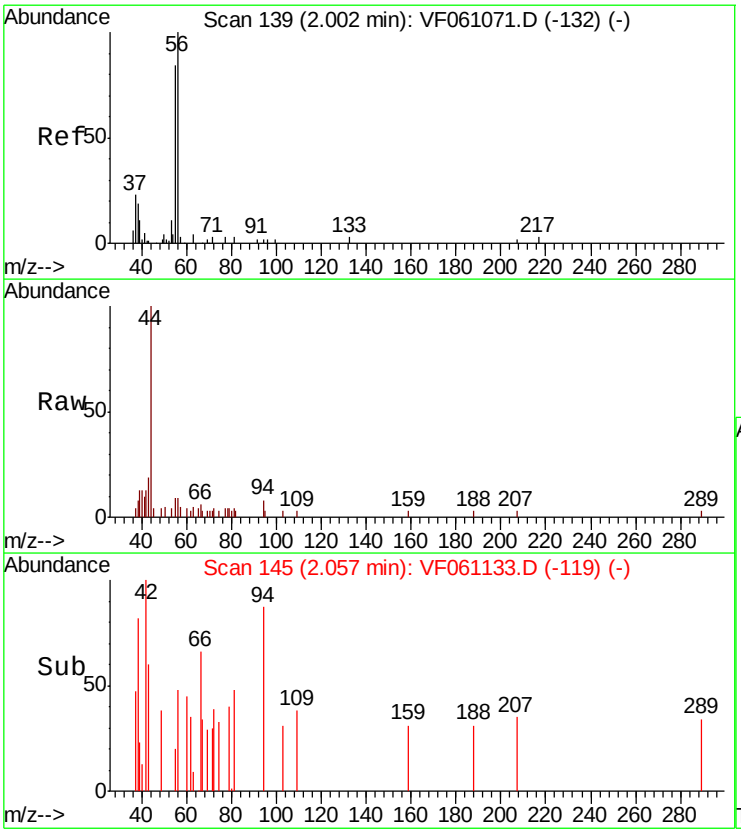
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.91 min Scan# 434
Delta R.T. 0.04 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:168 Resp: 185804

Ion	Ratio	Lower	Upper
168	100		
99	69.4	54.4	81.6

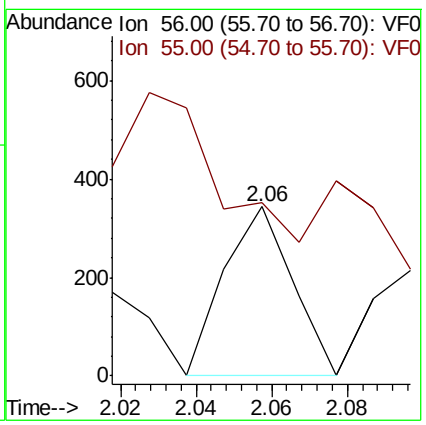


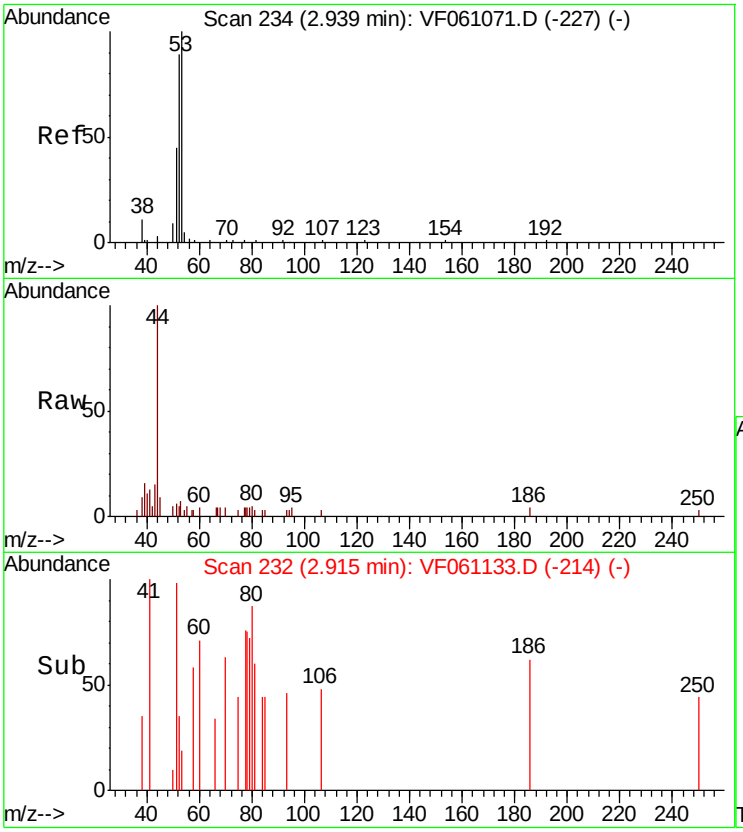


#13
Acrolein
Concen: 6.142 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.06 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 56 Resp: 428

Ion	Ratio	Lower	Upper
56	100		
55	102.0	70.2	105.2



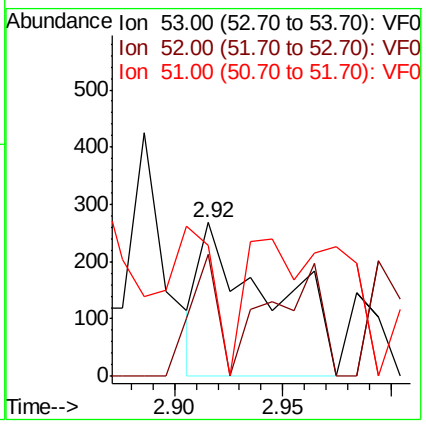


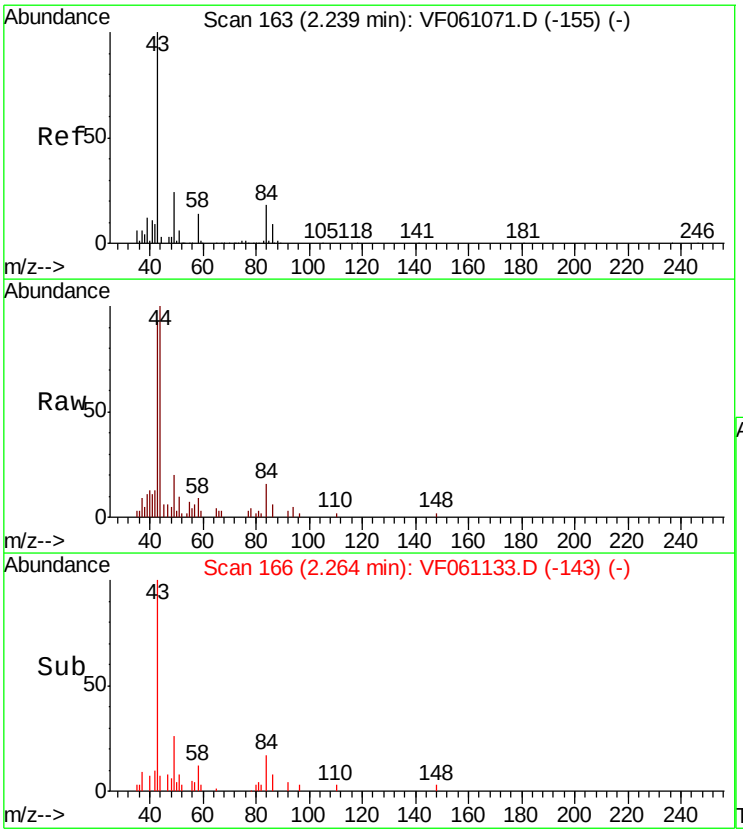
#15
Acrylonitrile
Concen: 2.749 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.02 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion: 53 Resp: 613

Ion	Ratio	Lower	Upper
53	100		
52	79.1	71.3	106.9
51	85.1	36.8	55.2#

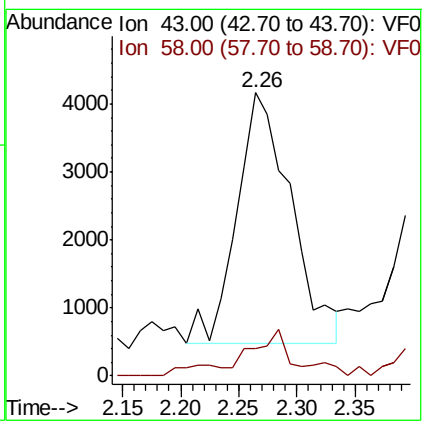


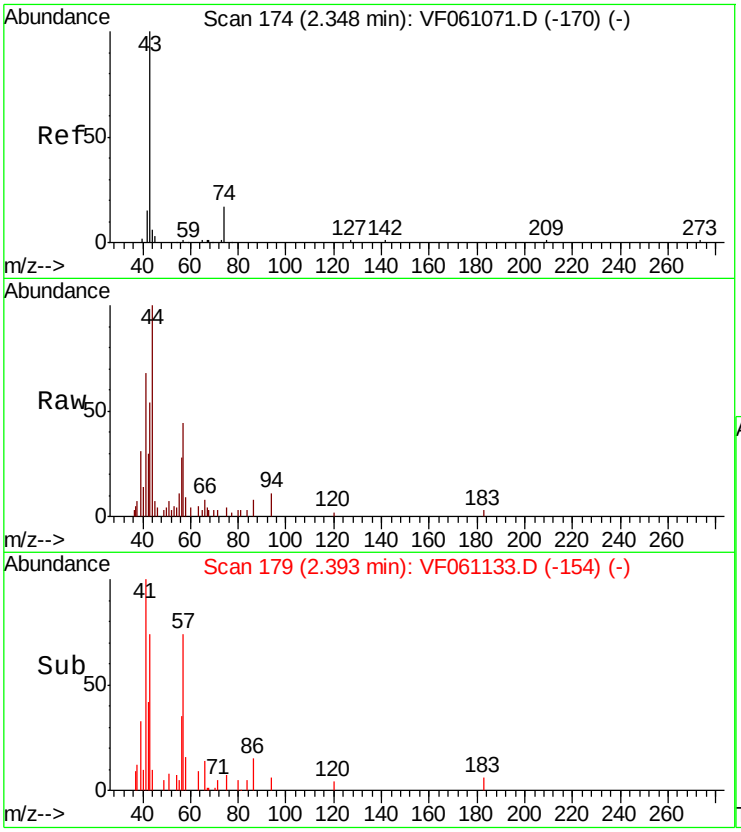


#16
Acetone
Concen: 24.867 ug/l
RT: 2.26 min Scan# 166
Delta R.T. 0.03 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 43 Resp: 11880

Ion	Ratio	Lower	Upper
43	100		
58	9.9	11.1	16.7#



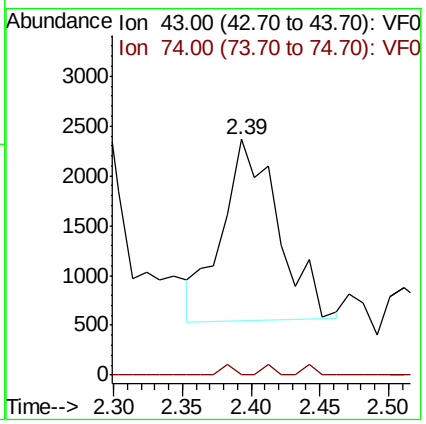


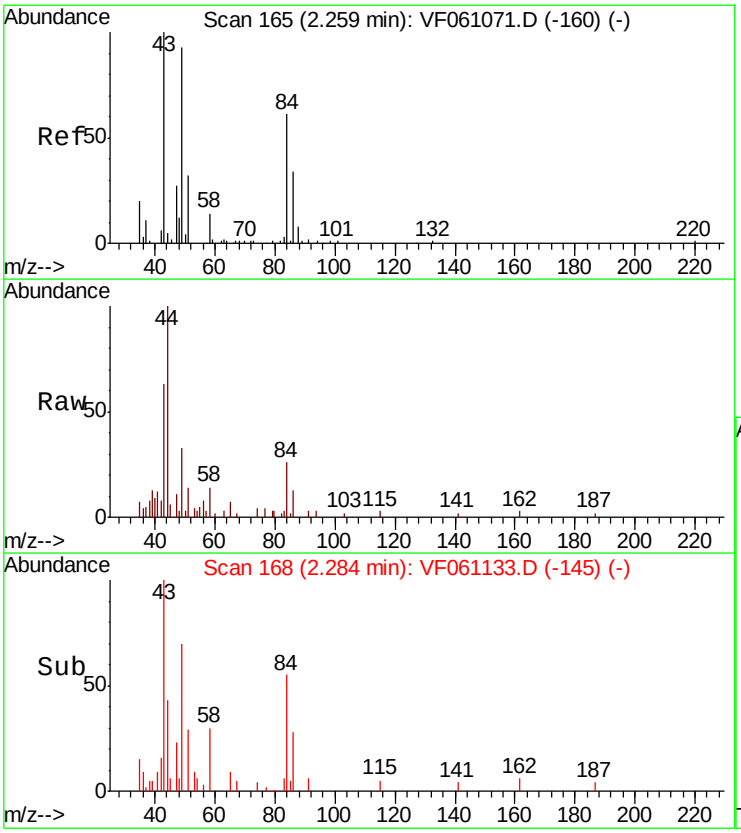
#18
Methyl Acetate
Concen: 5.252 ug/l
RT: 2.39 min Scan# 179
Delta R.T. 0.05 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion: 43 Resp: 5191

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#

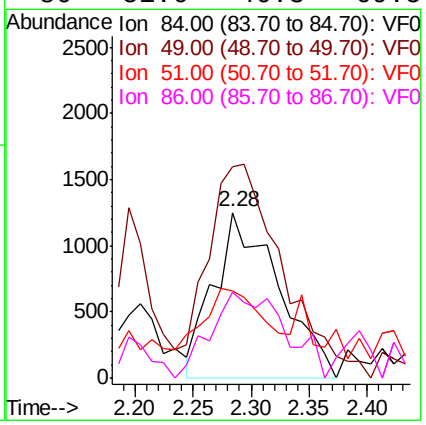


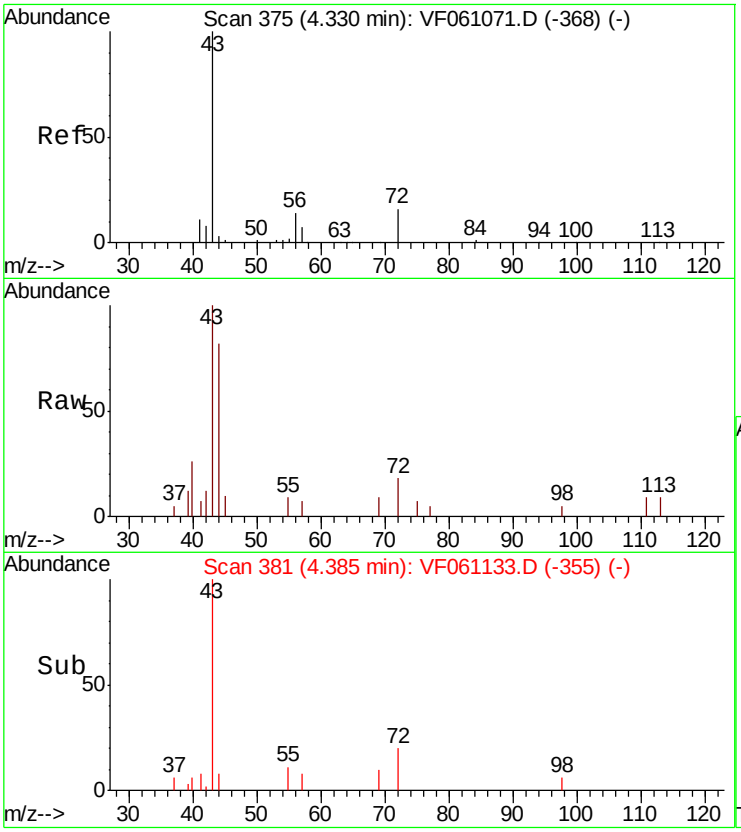


#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 168
Delta R.T. 0.03 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 84 Resp: 4840

Ion	Ratio	Lower	Upper
84	100		
49	127.4	129.4	194.2#
51	52.2	44.0	66.0
86	51.6	46.3	69.5



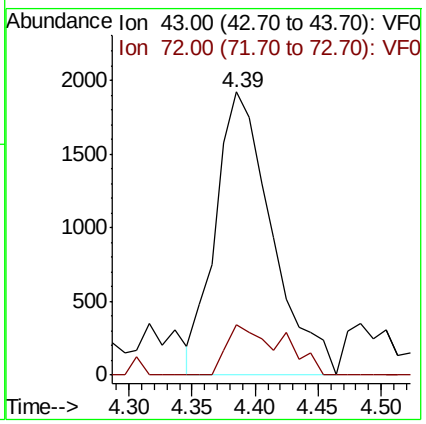


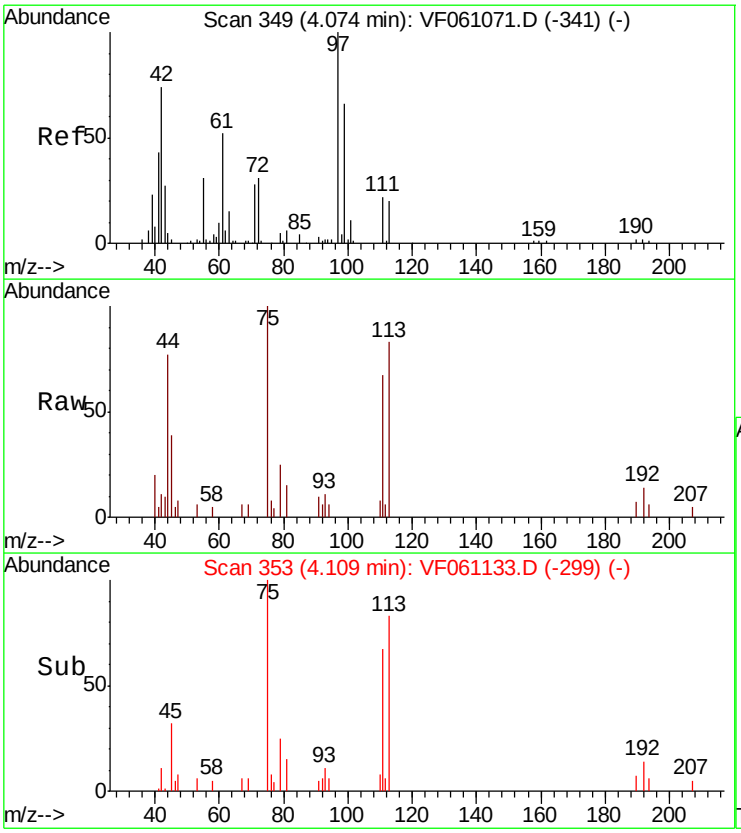
#25
2-Butanone
Concen: 7.692 ug/l
RT: 4.39 min Scan# 381
Delta R.T. 0.05 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion: 43 Resp: 5960

Ion	Ratio	Lower	Upper
43	100		
72	17.6	15.6	23.4

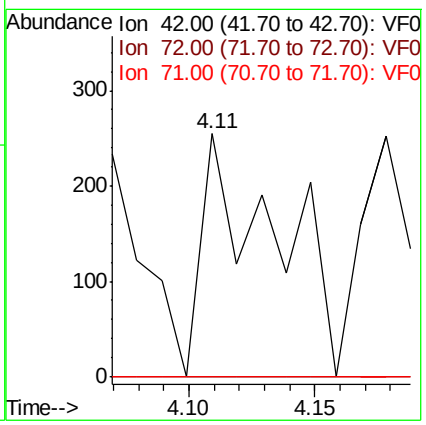


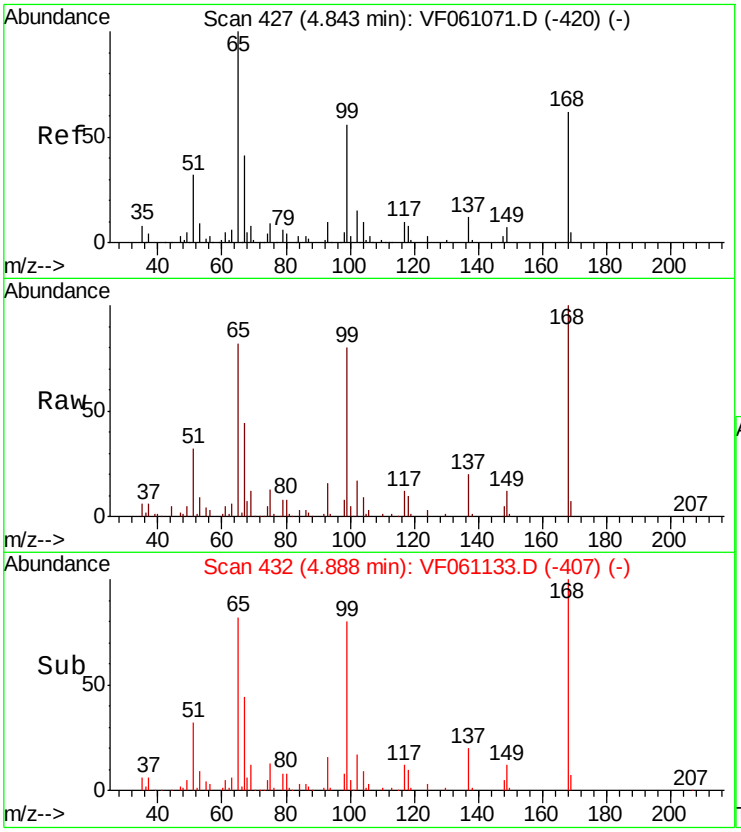


#29
Tetrahydrofuran
Concen: 1.643 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.04 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 42 Resp: 518

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	0.0	29.7	44.5#



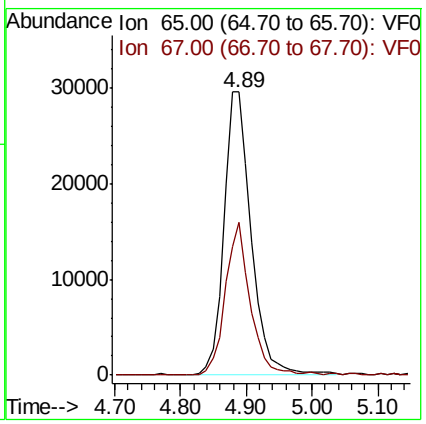


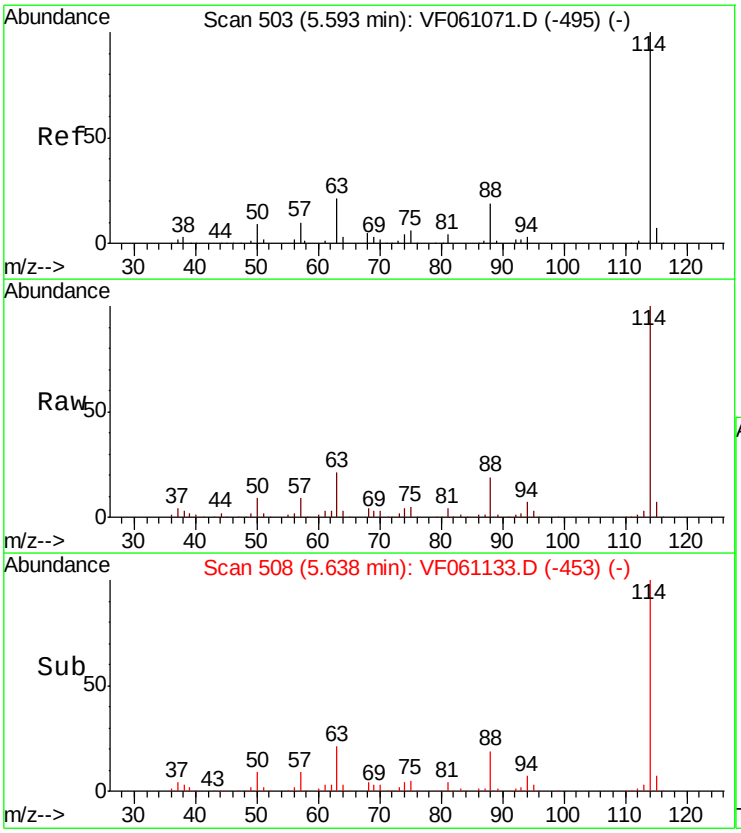
#33
1,2-Dichloroethane-d4
Concen: 35.936 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.05 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion: 65 Resp: 85878

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	94.6

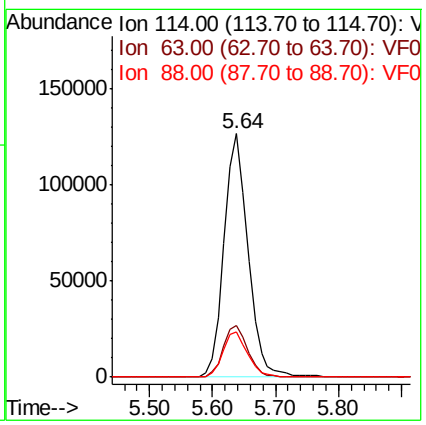


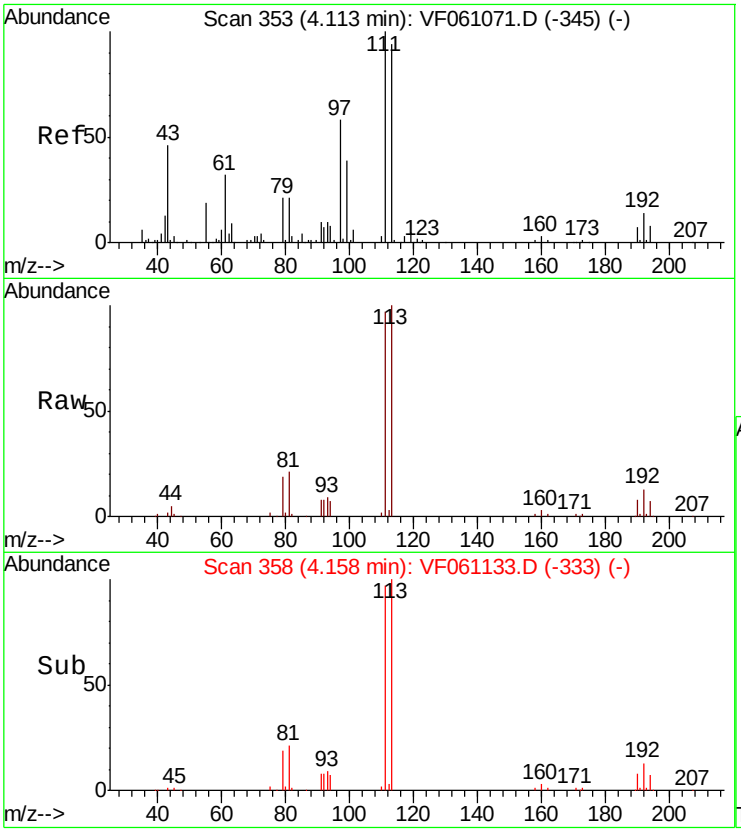


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 508
Delta R.T. 0.05 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion:114 Resp: 335580

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	18.8	0.0	38.0



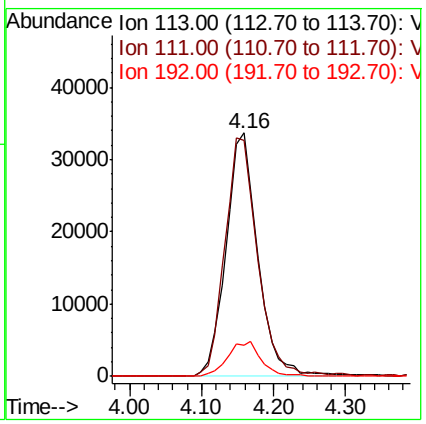


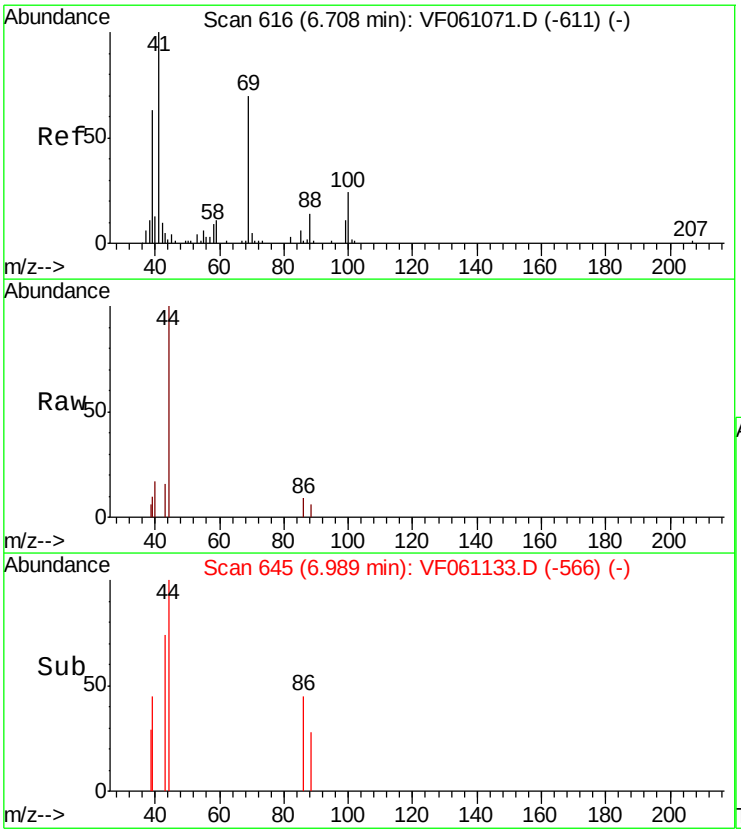
#35
Dibromofluoromethane
Concen: 38.489 ug/l
RT: 4.16 min Scan# 358
Delta R.T. 0.05 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:113 Resp: 103466

Ion	Ratio	Lower	Upper
113	100		
111	96.7	85.2	127.8
192	13.4	12.8	19.2

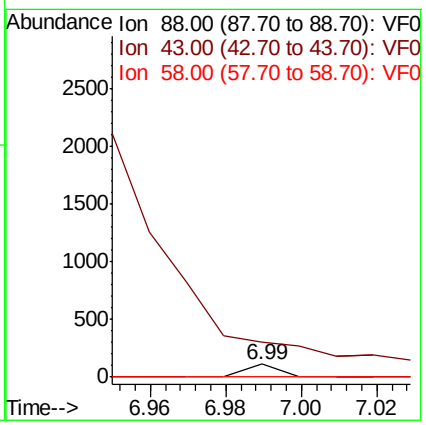


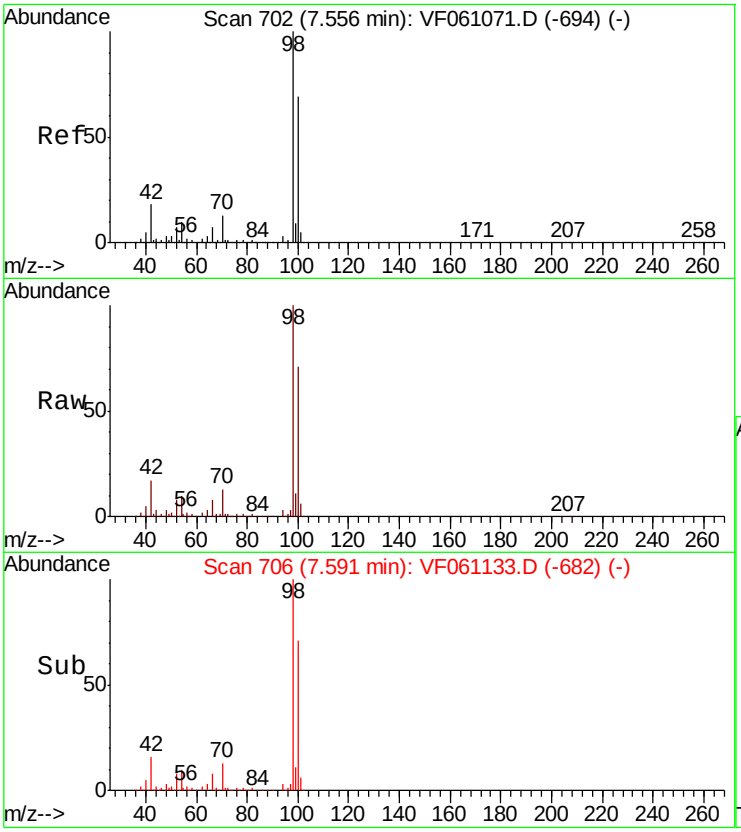


#49
1,4-Dioxane
Concen: 6.763 ug/l
RT: 6.99 min Scan# 645
Delta R.T. 0.28 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	265.5	33.3	49.9#
58	0.0	53.2	79.8#



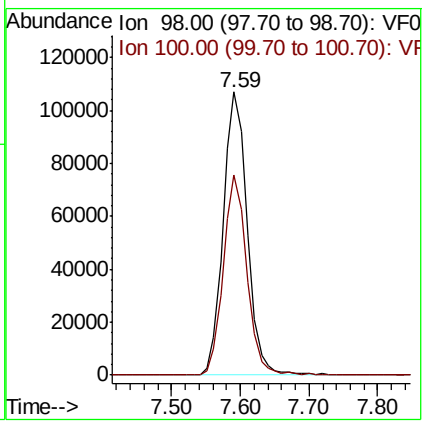


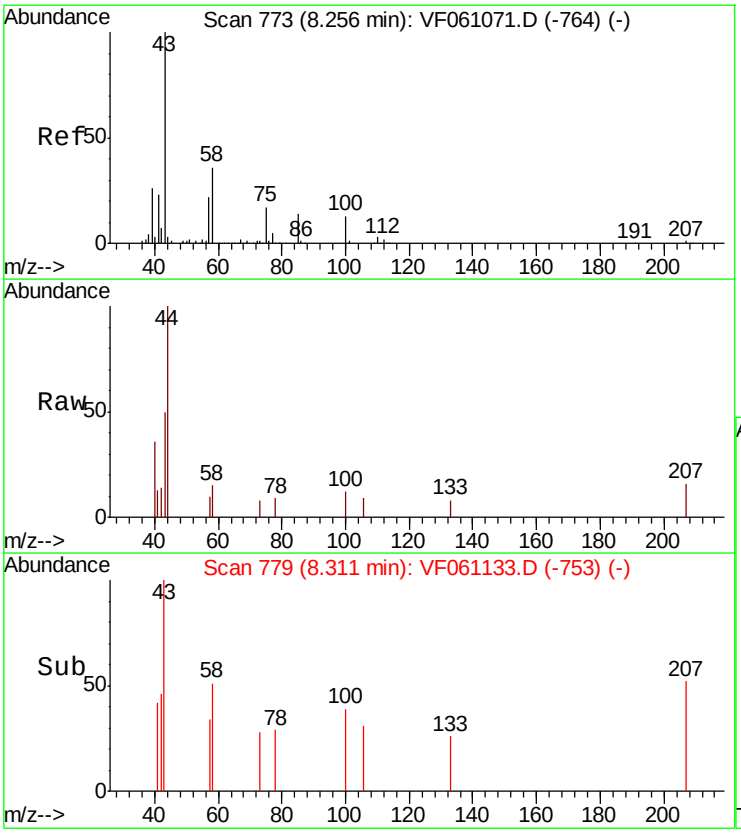
#50
Toluene-d8
Concen: 33.923 ug/l
RT: 7.59 min Scan# 706
Delta R.T. 0.04 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion: 98 Resp: 258426

Ion	Ratio	Lower	Upper
98	100		
100	70.8	55.3	82.9

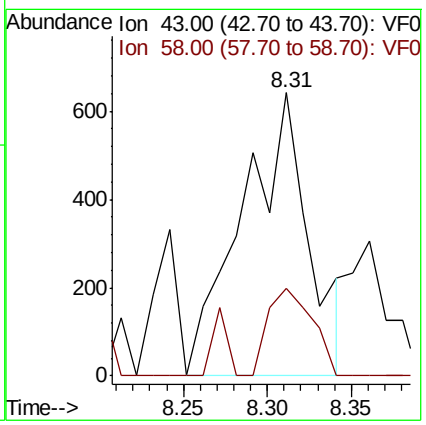


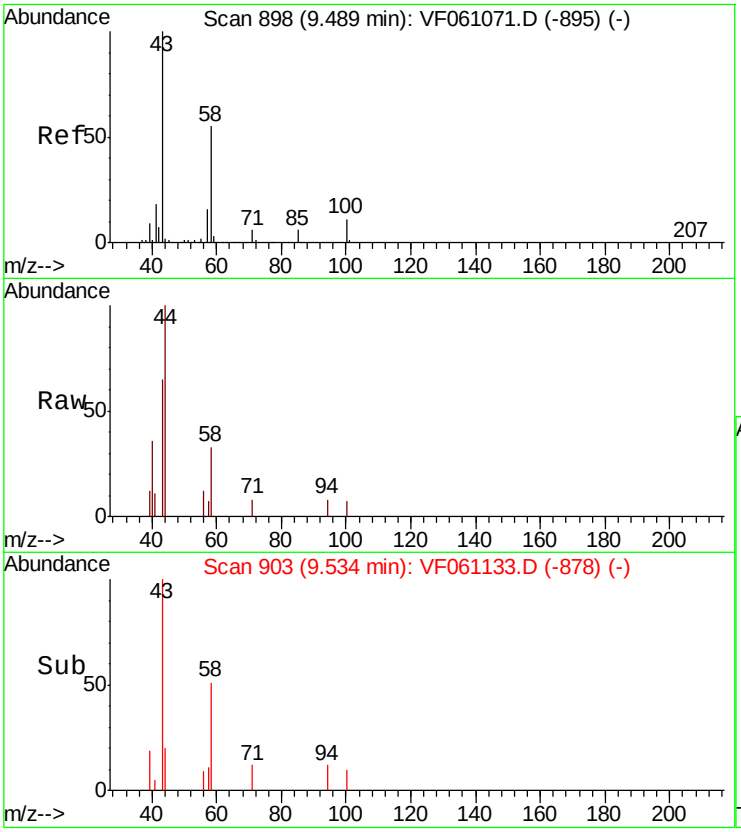


#51
4-Methyl-2-Pentanone
Concen: 1.314 ug/l
RT: 8.31 min Scan# 779
Delta R.T. 0.05 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 43 Resp: 1763

Ion	Ratio	Lower	Upper
43	100		
58	31.0	29.1	43.7



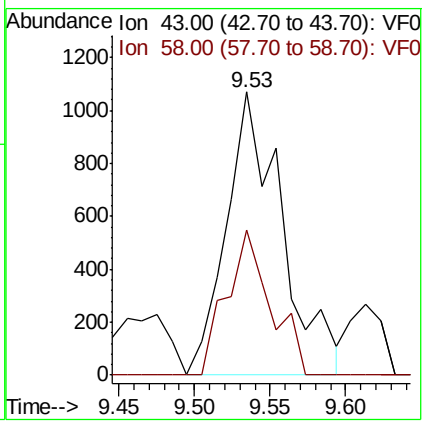


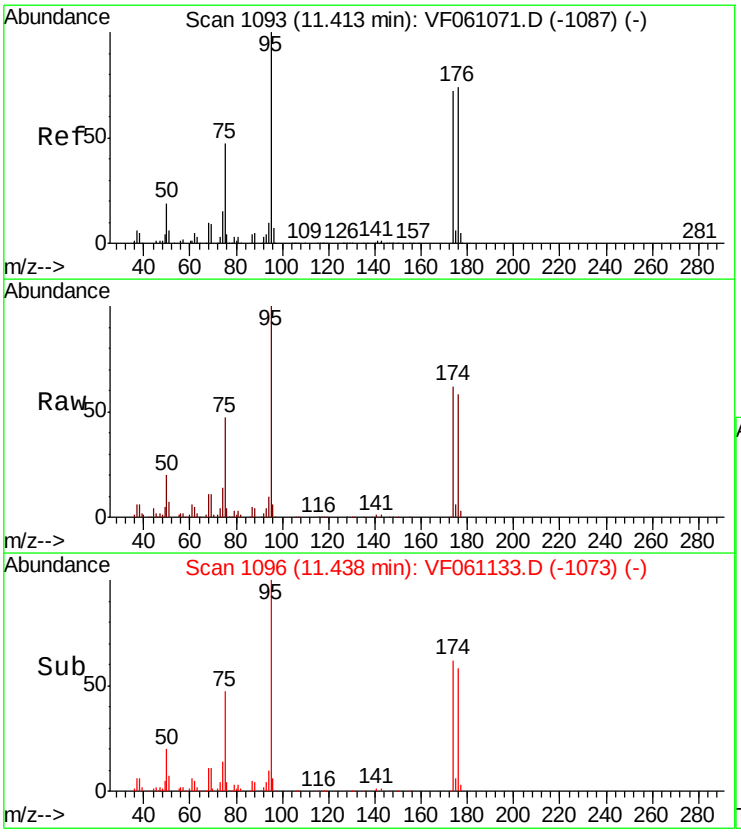
#59
2-Hexanone
Concen: 2.813 ug/l
RT: 9.53 min Scan# 903
Delta R.T. 0.05 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion: 43 Resp: 2729

Ion	Ratio	Lower	Upper
43	100		
58	51.1	25.1	75.2

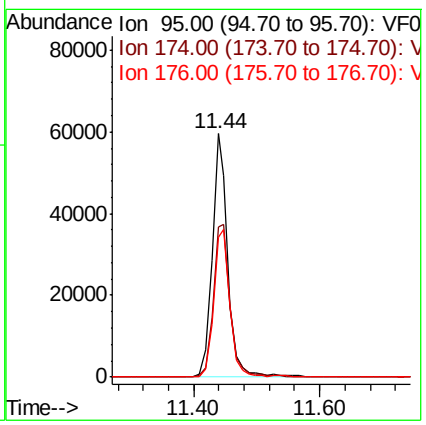


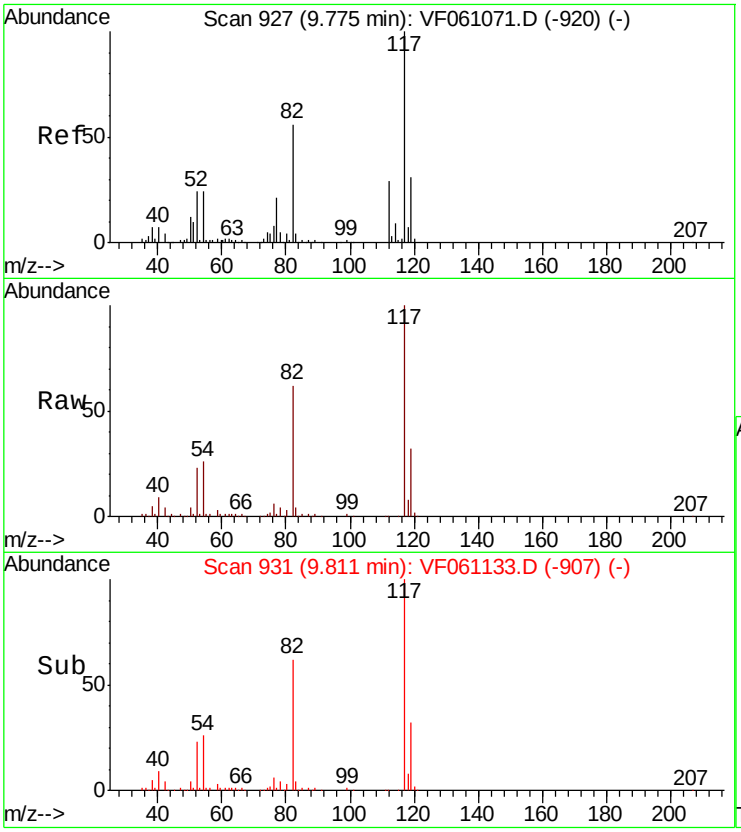


#62
4-Bromofluorobenzene
Concen: 29.534 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. 0.03 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion: 95 Resp: 103724

Ion	Ratio	Lower	Upper
95	100		
174	61.9	0.0	143.8
176	57.7	0.0	147.6



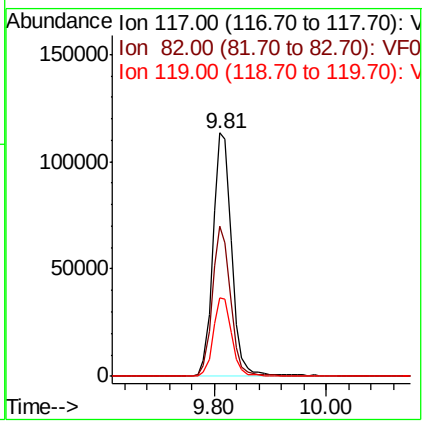


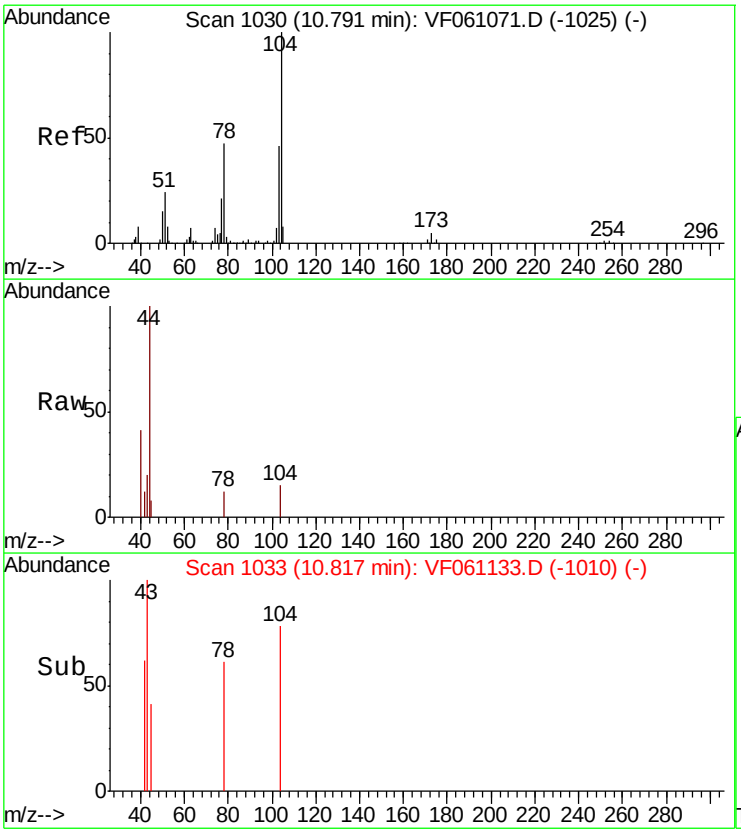
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.04 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:117 Resp: 267114

Ion	Ratio	Lower	Upper
117	100		
82	61.7	45.0	67.4
119	32.0	24.8	37.2

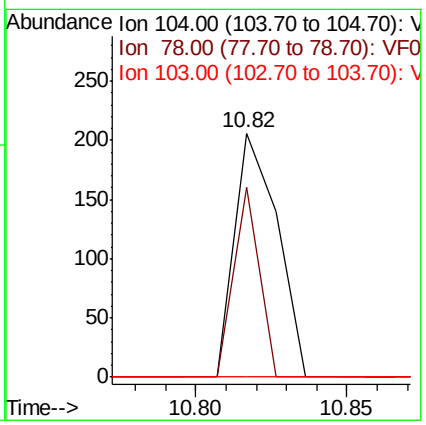


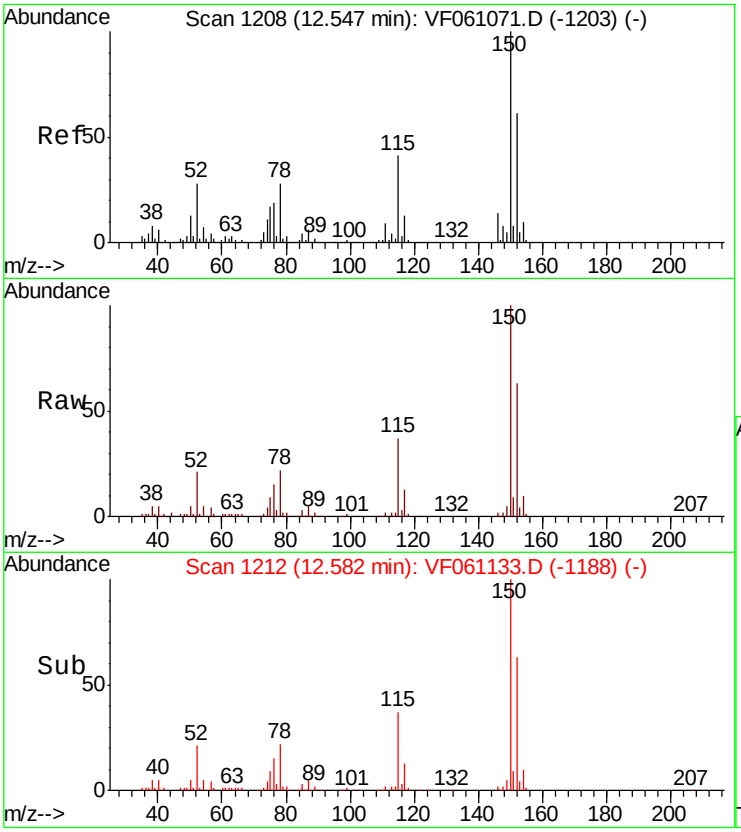


#70
Styrene
Concen: Below Cal
RT: 10.82 min Scan# 1033
Delta R.T. 0.03 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion:104 Resp: 205

Ion	Ratio	Lower	Upper
104	100		
78	77.7	38.4	57.6#
103	0.0	37.0	55.6#



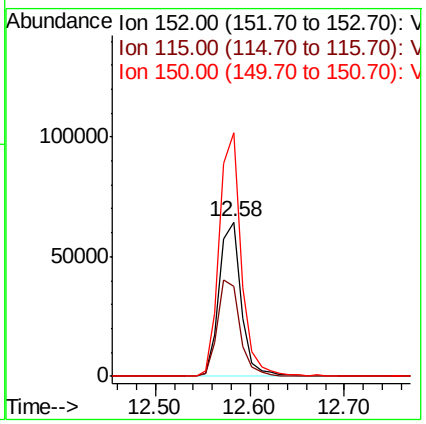


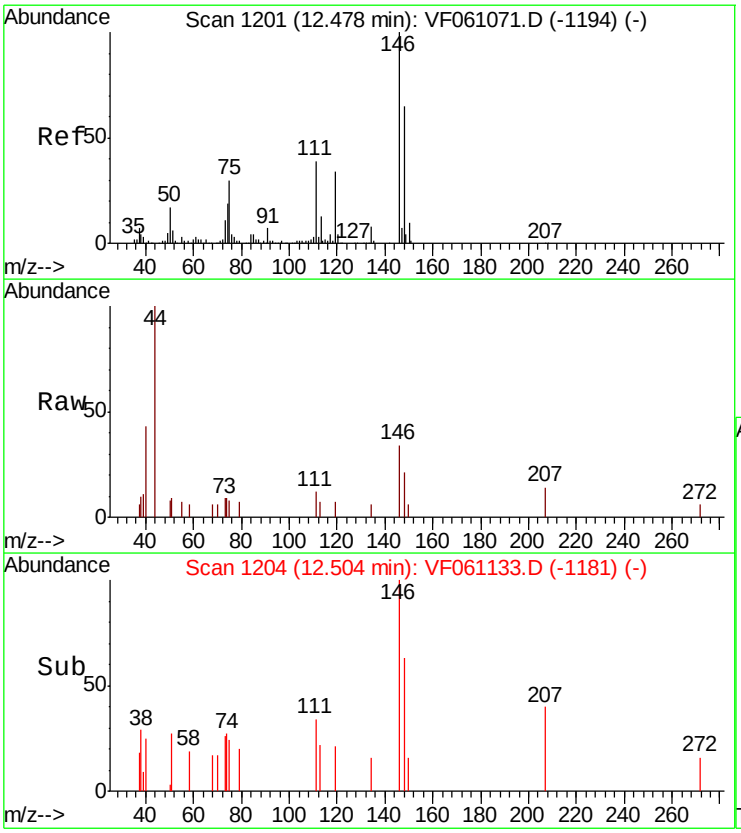
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1212
Delta R.T. 0.04 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:152 Resp: 104807

Ion	Ratio	Lower	Upper
152	100		
115	58.3	33.3	99.9
150	157.7	0.0	328.2

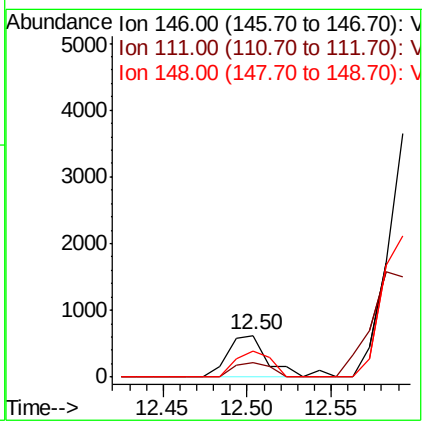


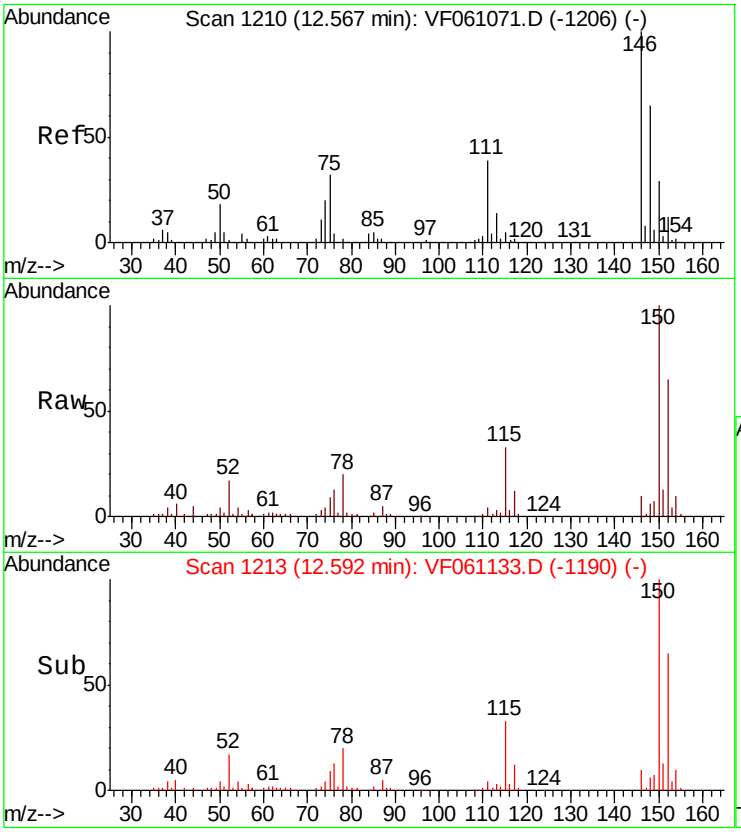


#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.50 min Scan# 1204
Delta R.T. 0.03 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Tgt Ion:146 Resp: 1069

Ion	Ratio	Lower	Upper
146	100		
111	34.4	19.3	57.9
148	63.4	32.4	97.2





#88
1,4-Dichlorobenzene
Concen: 1.480 ug/l
RT: 12.59 min Scan# 1213
Delta R.T. 0.03 min
Lab File: VF061133.D
Acq: 21 Dec 2018 18:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SD004-0612-01

Tgt Ion:146 Resp: 5283

Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.4	58.4
148	57.8	32.4	97.0