Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122618\
Data File : VF061187.D
Acq On : 26 Dec 2018 14:39
Operator : VA/AP
Sample : J6447-07
Misc : 4.36g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SS025-0612-01

Quant Time: Dec 26 23:52:08 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	4.85	168	154967	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	247790	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	160299	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	45877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	86439	43.37	ug/l	-0.02
Spiked Amount 50.000			Recovery = 86.74%			
35) Dibromofluoromethane	4.09	113	90375	45.53	ug/l	-0.02
Spiked Amount 50.000			Recovery = 91.06%			
50) Toluene-d8	7.53	98	172678	30.70	ug/l	-0.02
Spiked Amount 50.000			Recovery = 61.40%			
62) 4-Bromofluorobenzene	11.40	95	52305	20.17	ug/l	-0.01
Spiked Amount 50.000			Recovery = 40.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.54	59	175	2.176	ug/l #	65
13) Acrolein	1.98	56	1068	18.376	ug/l	95
15) Acrylonitrile	2.92	53	949	5.102	ug/l #	50
16) Acetone	2.23	43	1892	4.748	ug/l #	66
18) Methyl Acetate	2.35	43	4907	5.952	ug/l #	66
20) Methylene Chloride	2.23	84	2323	Below Cal #		62
25) 2-Butanone	4.32	43	694	1.074	ug/l #	57
29) Tetrahydrofuran	4.07	42	590	2.243	ug/l #	45
49) 1,4-Dioxane	6.67	88	120	16.403	ug/l #	1
52) Toluene	7.61	92	22481	5.280	ug/l	86
59) 2-Hexanone	9.49	43	910	1.270	ug/l	73
70) Styrene	10.78	104	86	Below Cal #		46
78) n-propylbenzene	11.59	91	630	Below Cal #		55
87) 1,3-Dichlorobenzene	12.46	146	243	Below Cal #		25

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

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P001-SS025-0612-01

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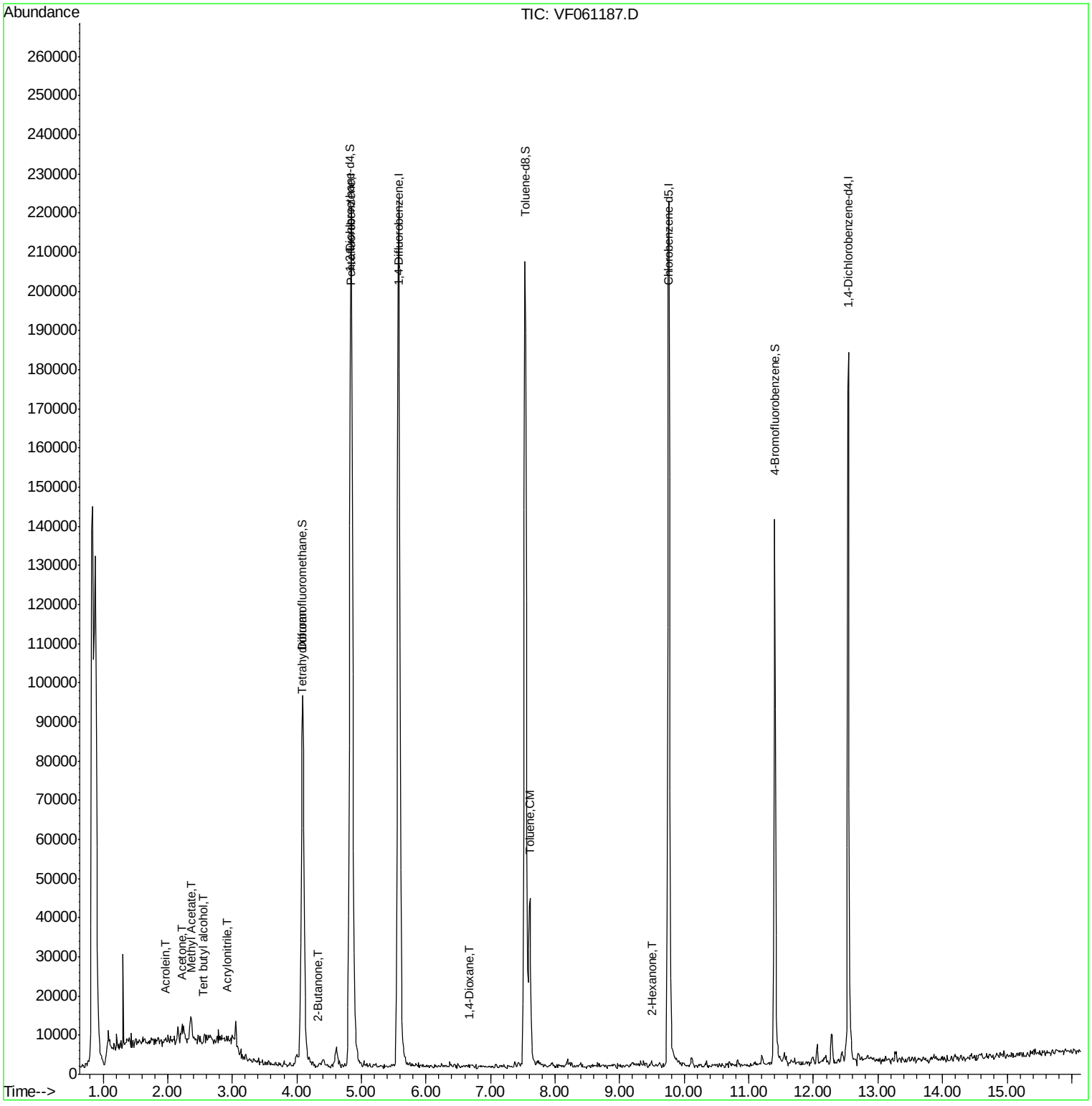
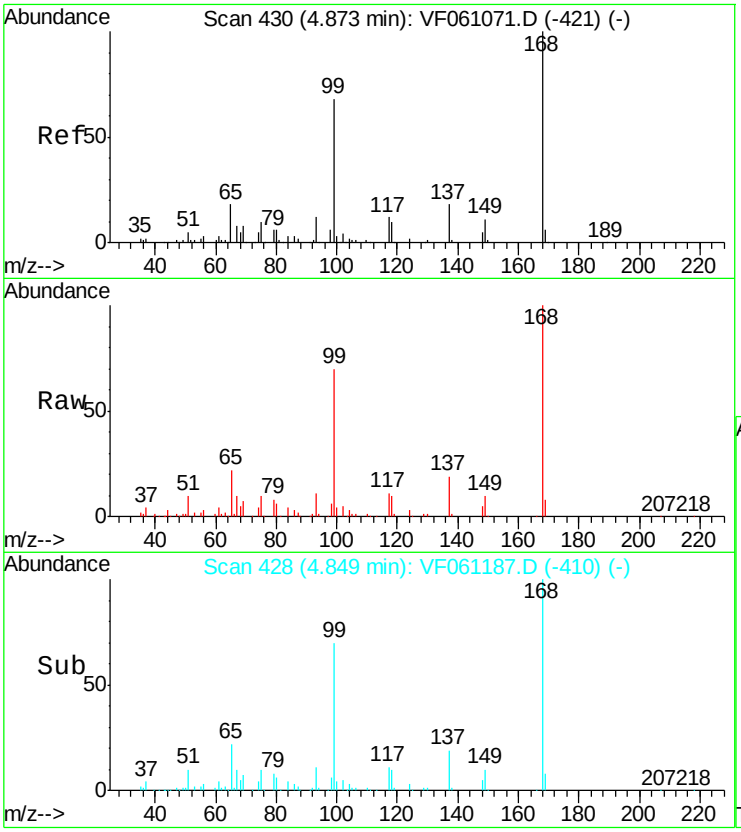


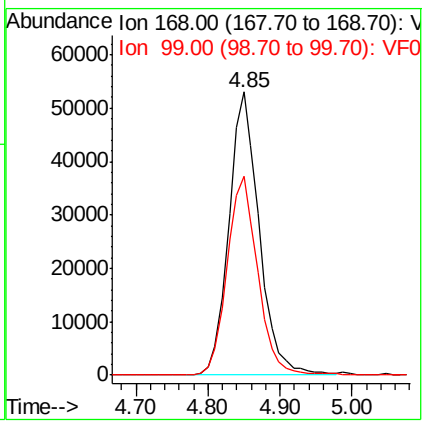


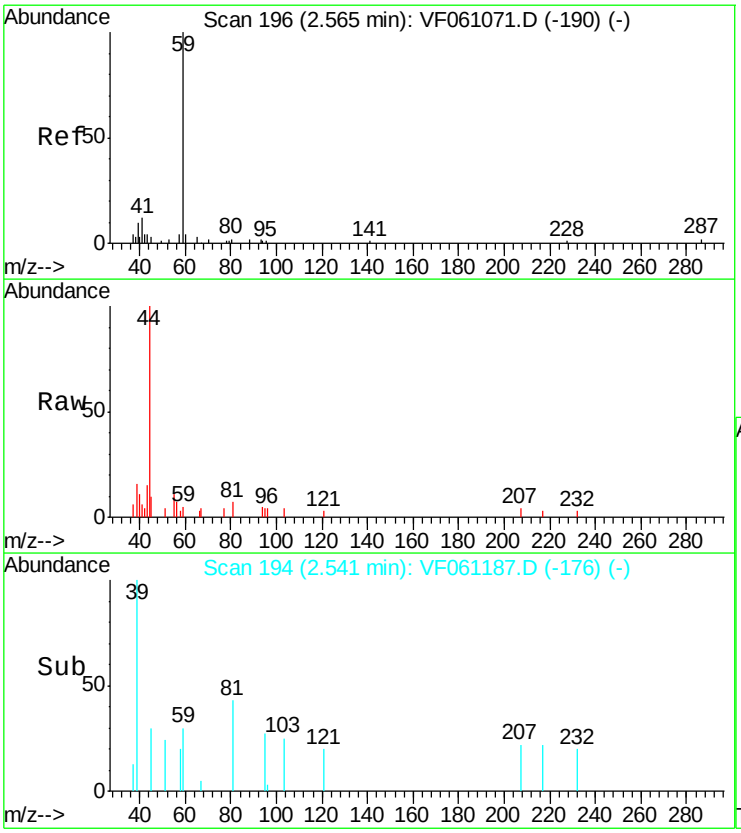
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:168 Resp: 154967

Ion	Ratio	Lower	Upper
168	100		
99	70.5	54.4	81.6

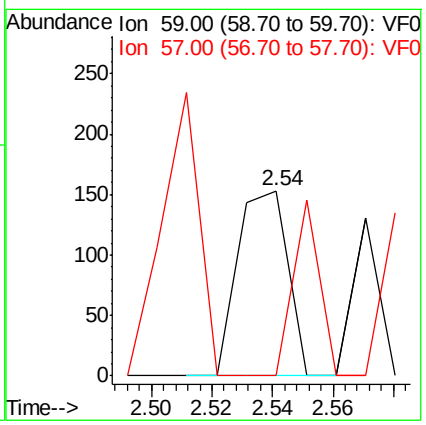


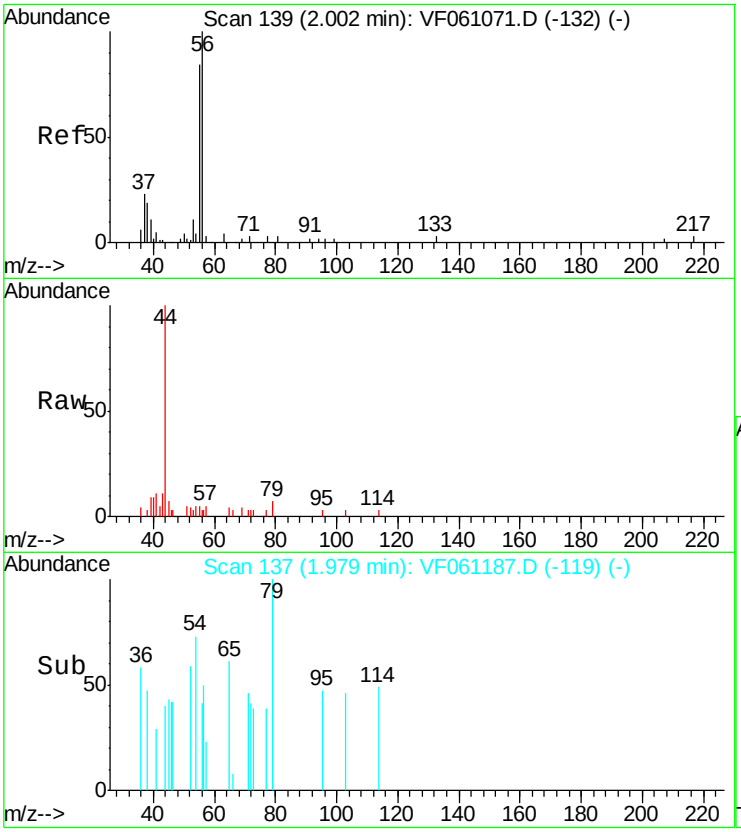


#11
Tert butyl alcohol
Concen: 2.176 ug/l
RT: 2.54 min Scan# 194
Delta R.T. -0.02 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion: 59 Resp: 175

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.5	17.3#



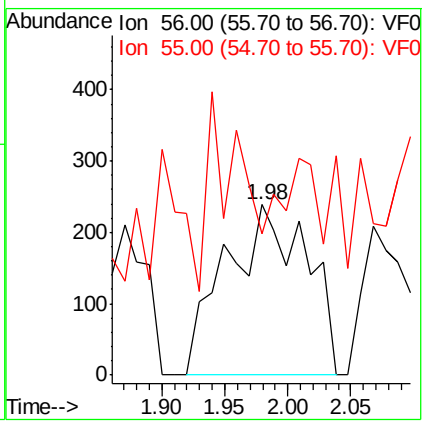


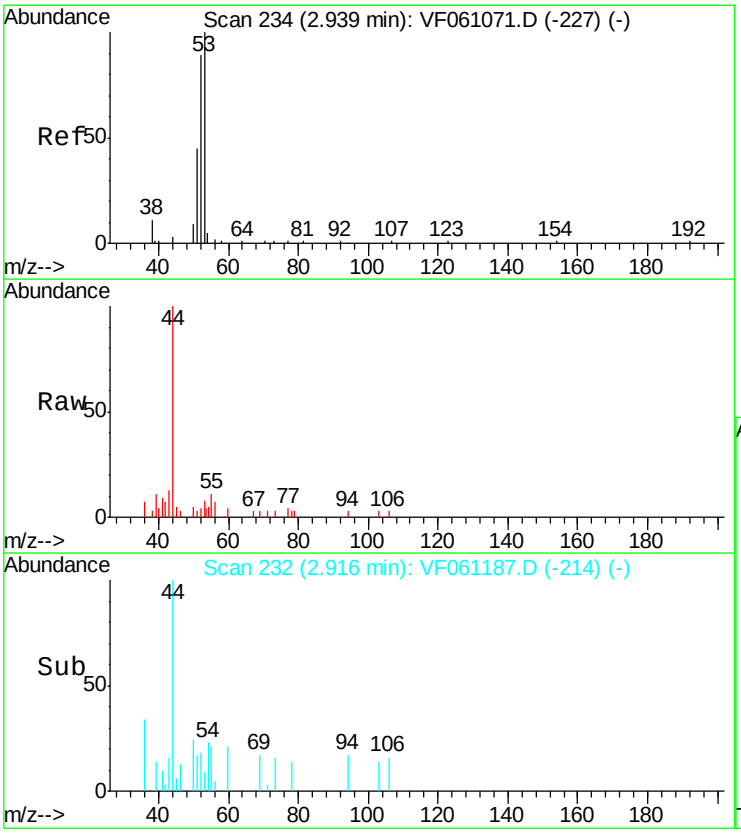
#13
Acrolein
Concen: 18.376 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.02 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 56 Resp: 1068

Ion	Ratio	Lower	Upper
56	100		
55	82.8	70.2	105.2

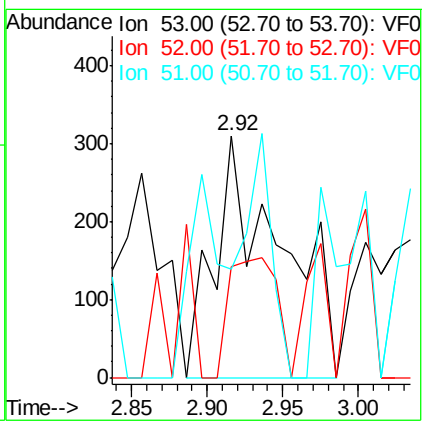


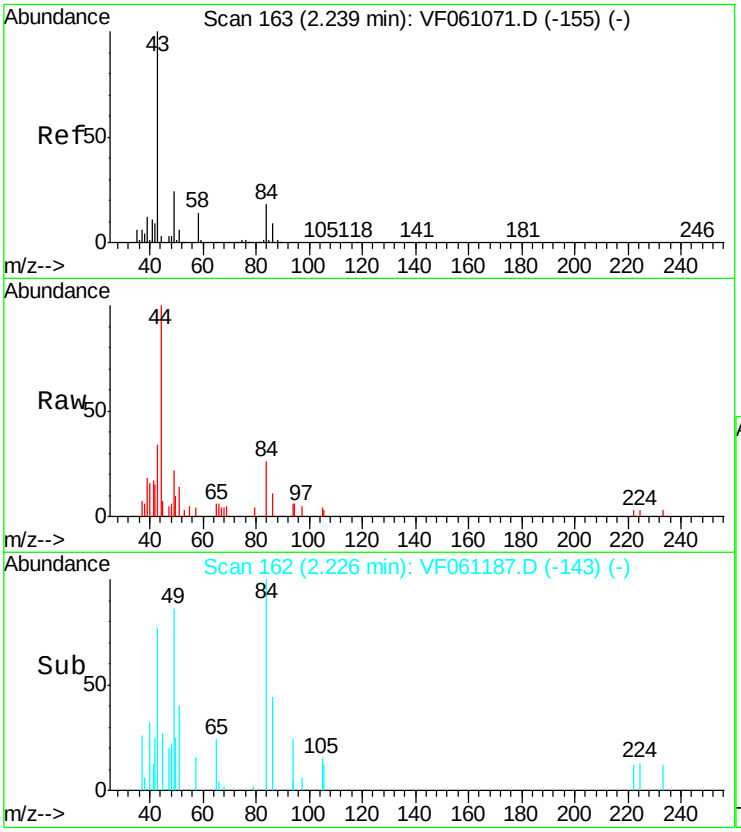


#15
Acrylonitrile
Concen: 5.102 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.02 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion: 53 Resp: 949

Ion	Ratio	Lower	Upper
53	100		
52	30.2	71.3	106.9#
51	29.3	36.8	55.2#



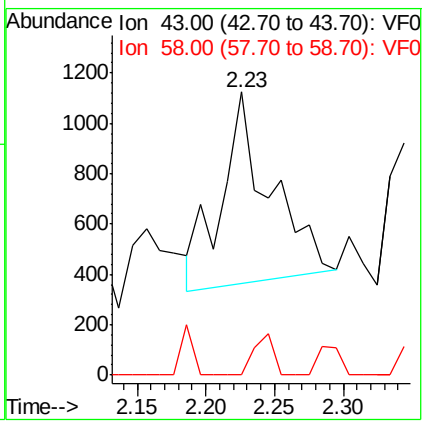


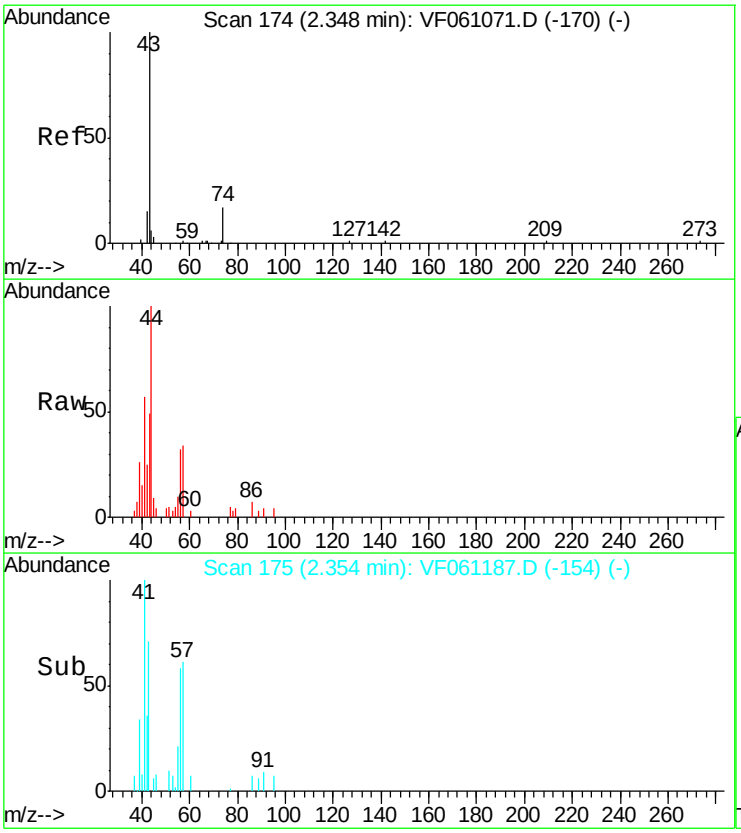
#16
Acetone
Concen: 4.748 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 43 Resp: 1892

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.1	16.7#

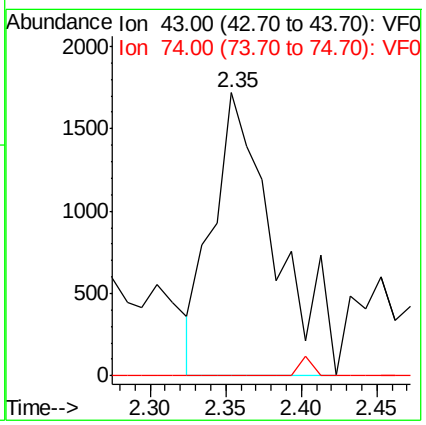


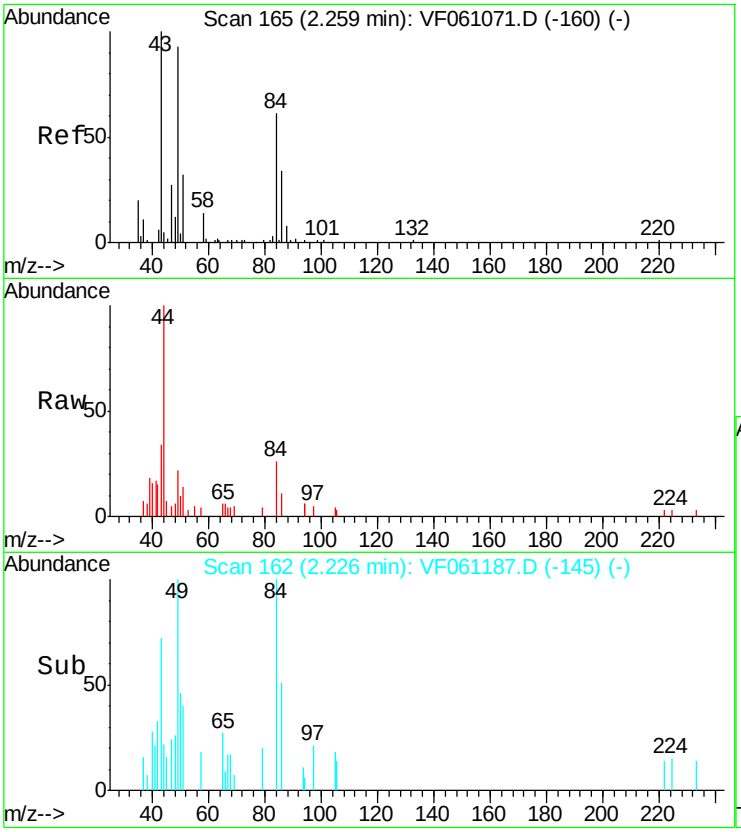


#18
Methyl Acetate
Concen: 5.952 ug/l
RT: 2.35 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion: 43 Resp: 4907

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#



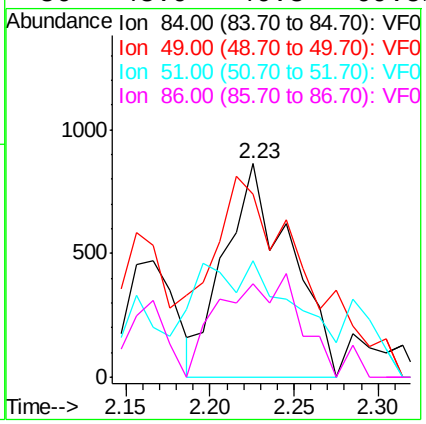


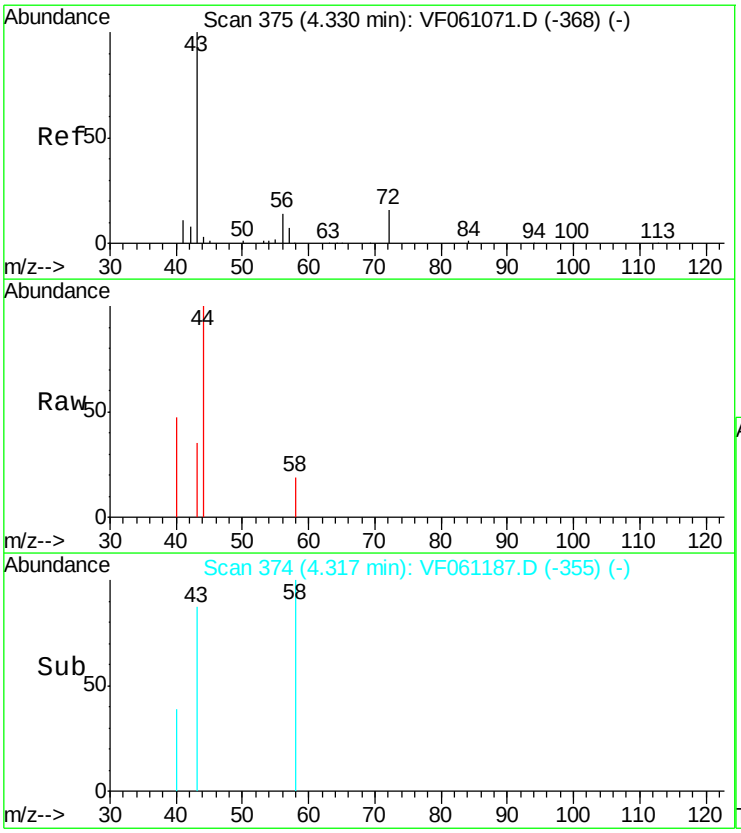
#20
Methylene Chloride
Concen: Below Cal
RT: 2.23 min Scan# 162
Delta R.T. -0.03 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 84 Resp: 2323

Ion	Ratio	Lower	Upper
84	100		
49	85.6	129.4	194.2#
51	54.3	44.0	66.0
86	43.9	46.3	69.5#

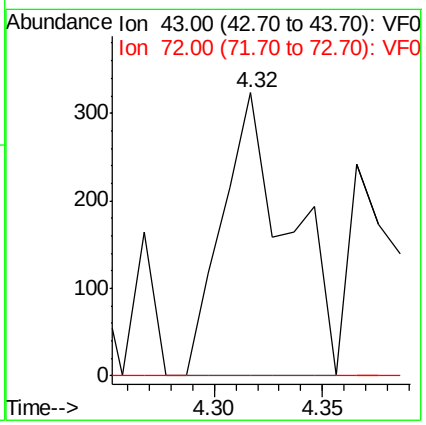


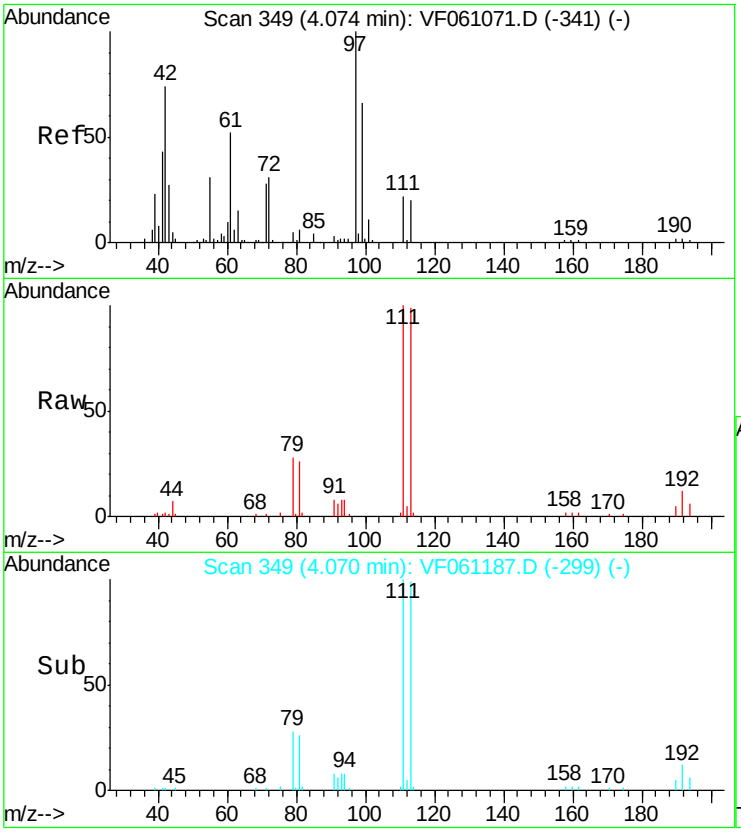


#25
2-Butanone
Concen: 1.074 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.01 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion: 43 Resp: 694

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#



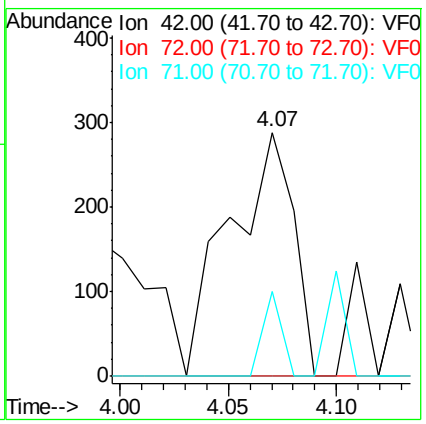


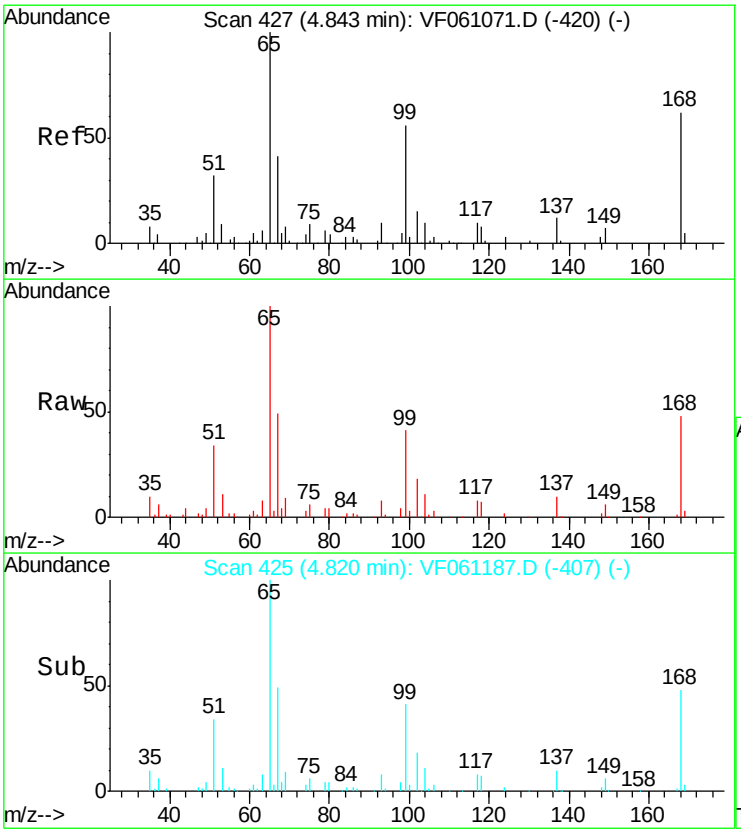
#29
Tetrahydrofuran
Concen: 2.243 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.00 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 42 Resp: 590

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	10.0	29.7	44.5#

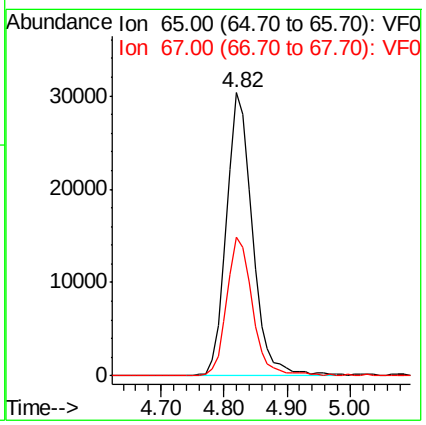


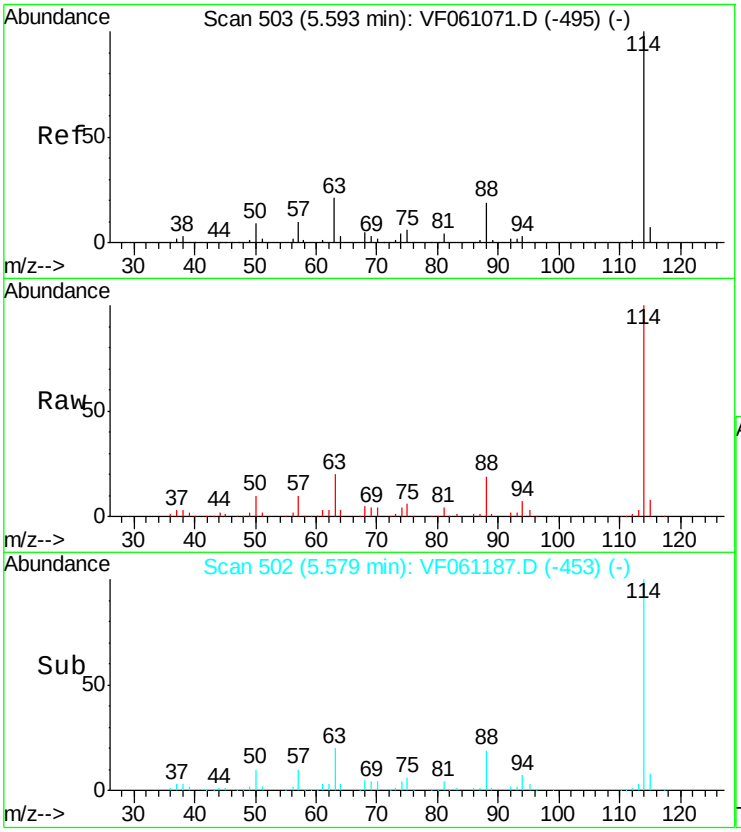


#33
1,2-Dichloroethane-d4
Concen: 43.368 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.02 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion: 65 Resp: 86439

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	94.6



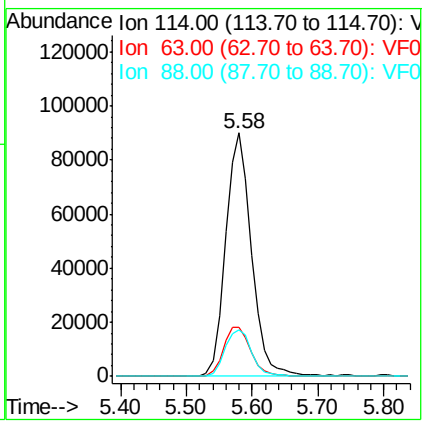


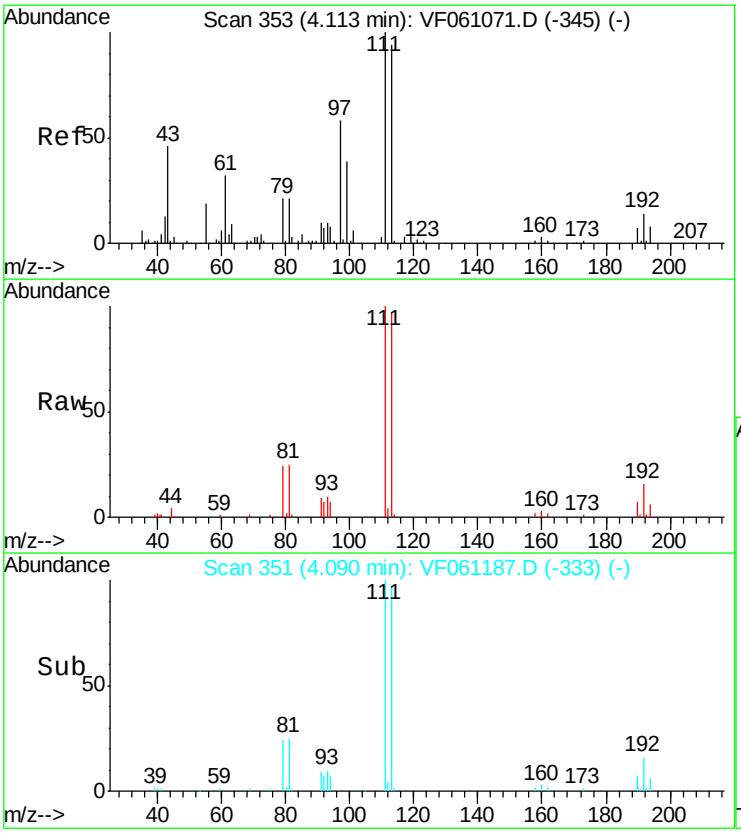
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:114 Resp: 247790

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.6
88	19.2	0.0	38.0

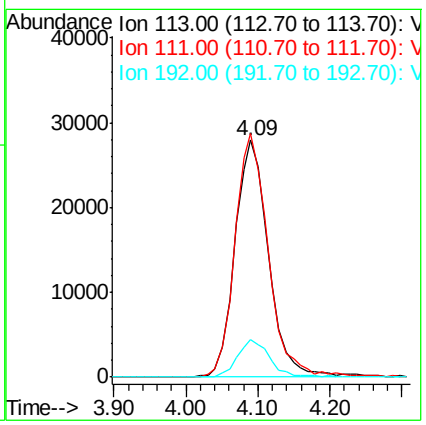


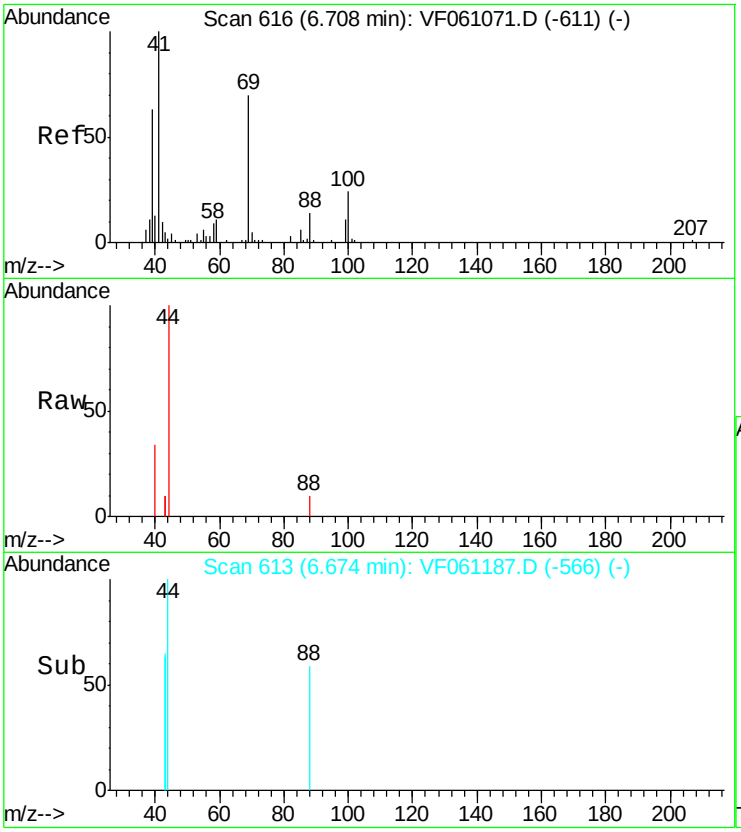


#35
Dibromofluoromethane
Concen: 45.530 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion:113 Resp: 90375

Ion	Ratio	Lower	Upper
113	100		
111	102.7	85.2	127.8
192	16.8	12.8	19.2



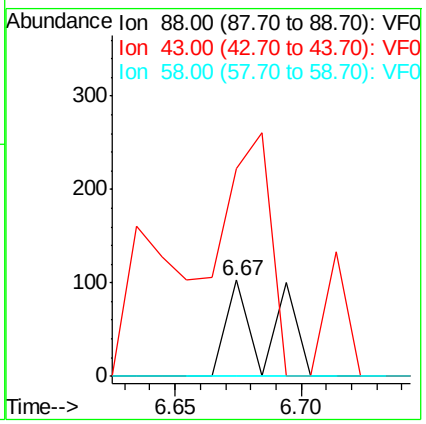


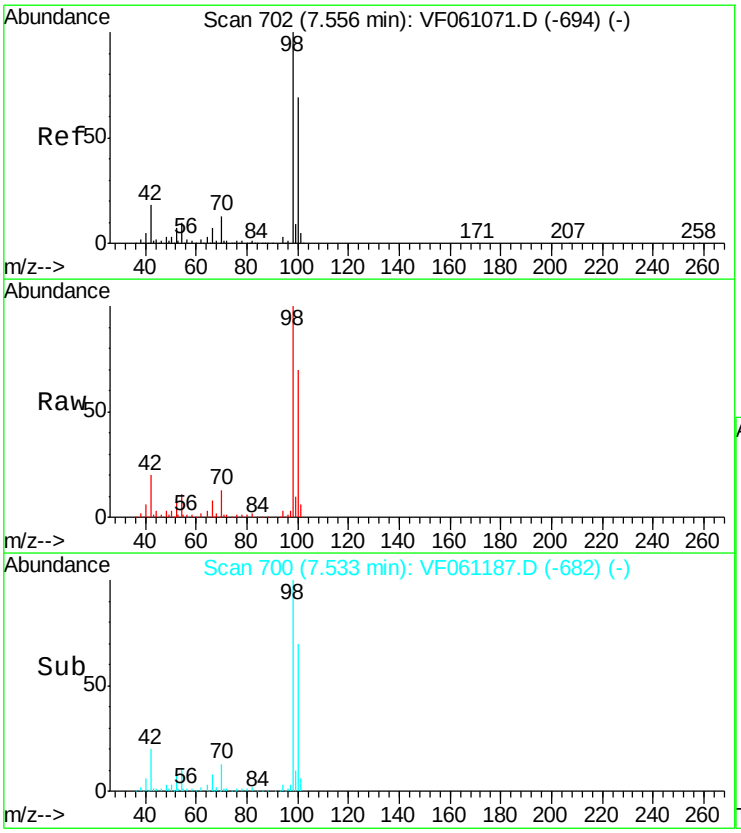
#49
1,4-Dioxane
Concen: 16.403 ug/l
RT: 6.67 min Scan# 613
Delta R.T. -0.03 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 88 Resp: 120

Ion	Ratio	Lower	Upper
88	100		
43	216.5	33.3	49.9#
58	0.0	53.2	79.8#

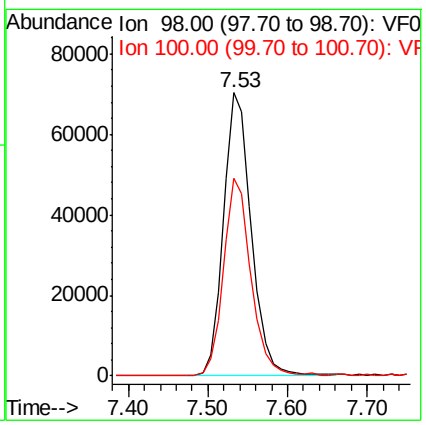


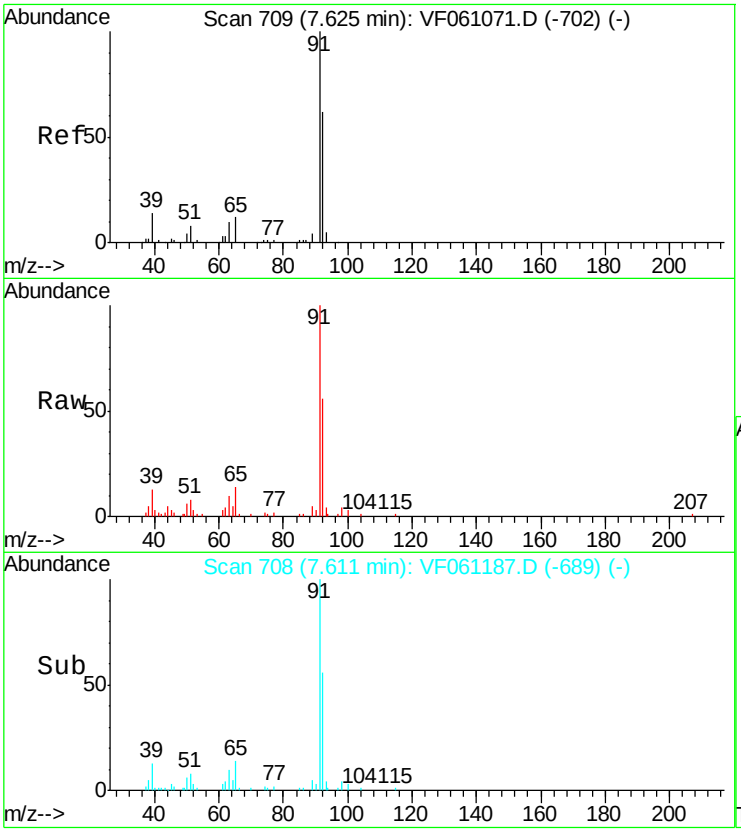


#50
Toluene-d8
Concen: 30.698 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion: 98 Resp: 172678

Ion	Ratio	Lower	Upper
98	100		
100	69.9	55.3	82.9



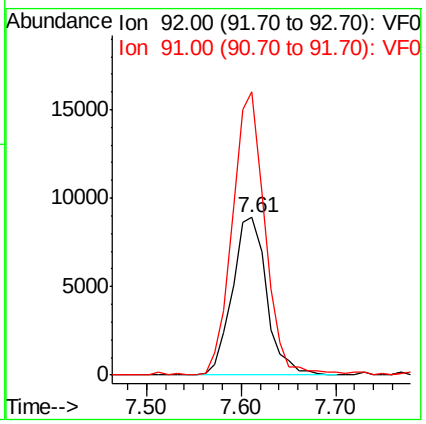


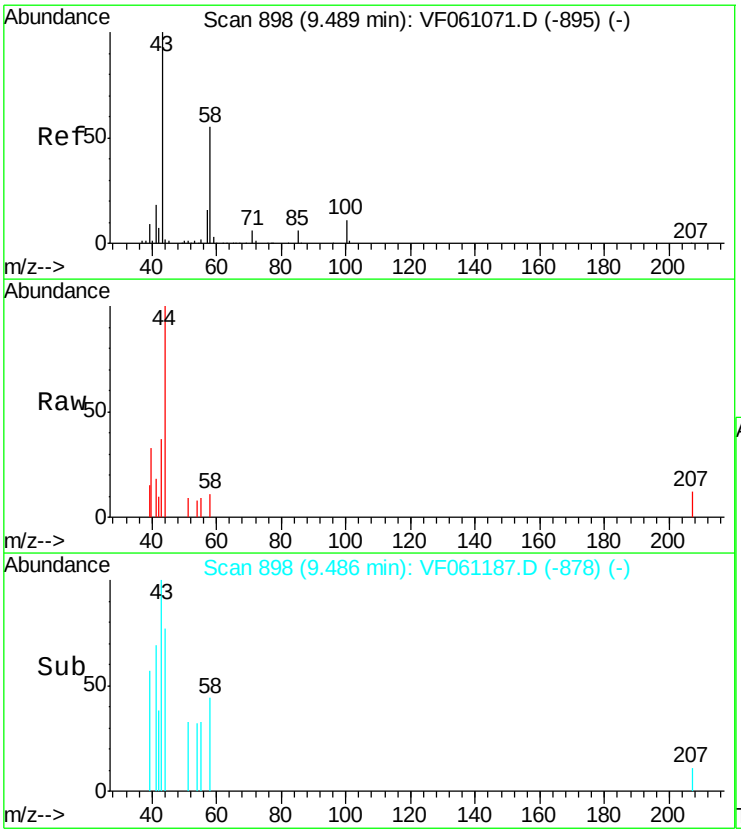
#52
Toluene
Concen: 5.280 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.01 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 92 Resp: 22481

Ion	Ratio	Lower	Upper
92	100		
91	179.4	128.8	193.2

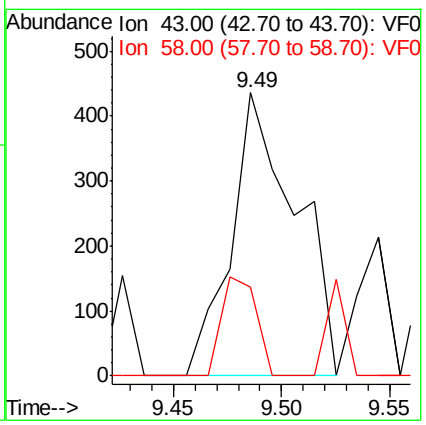


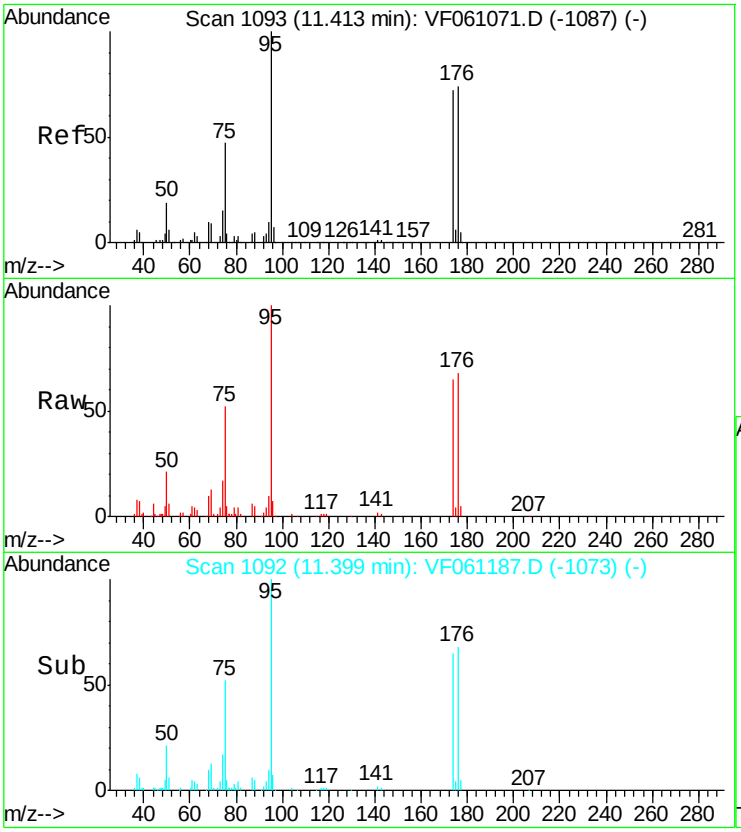


#59
2-Hexanone
Concen: 1.270 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.00 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion: 43 Resp: 910

Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.1	75.2



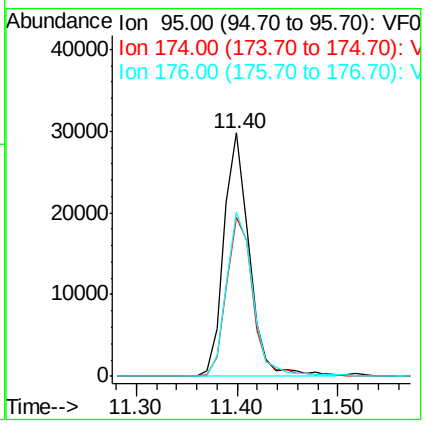


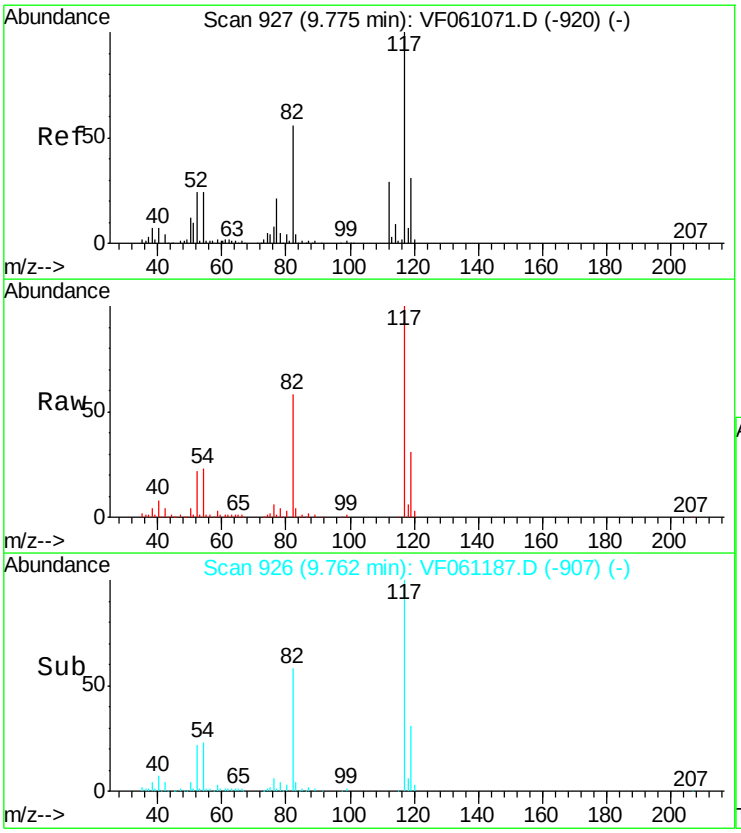
#62
4-Bromofluorobenzene
Concen: 20.170 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion: 95 Resp: 52305

Ion	Ratio	Lower	Upper
95	100		
174	65.2	0.0	143.8
176	67.5	0.0	147.6

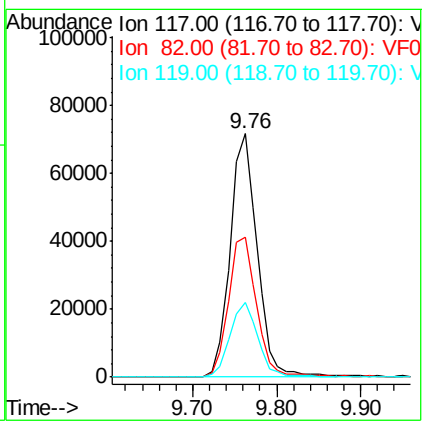


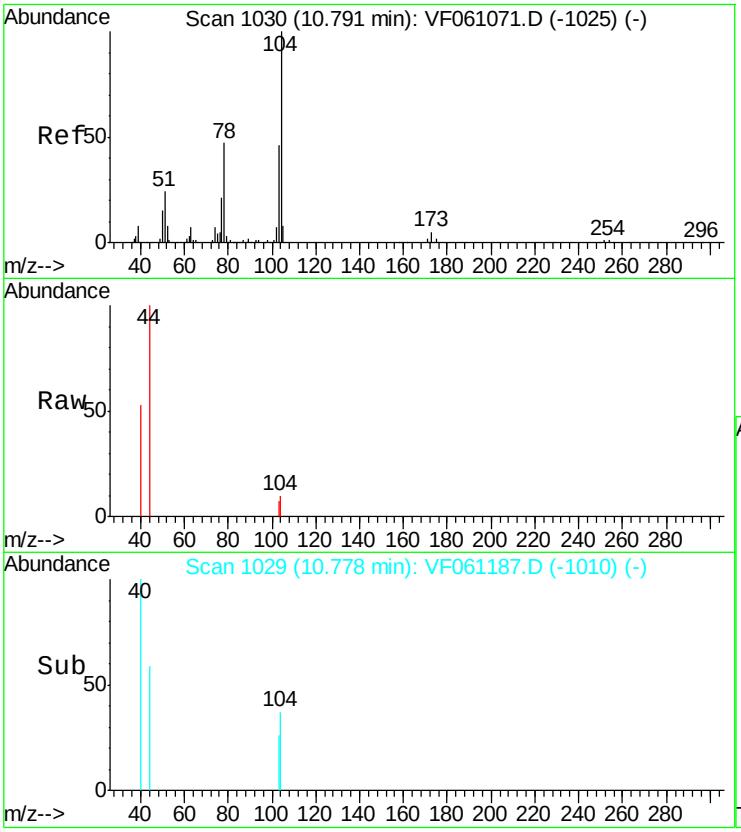


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion:117 Resp: 160299

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.0	67.4
119	30.7	24.8	37.2



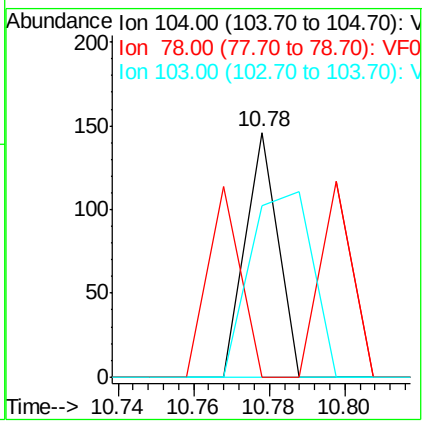


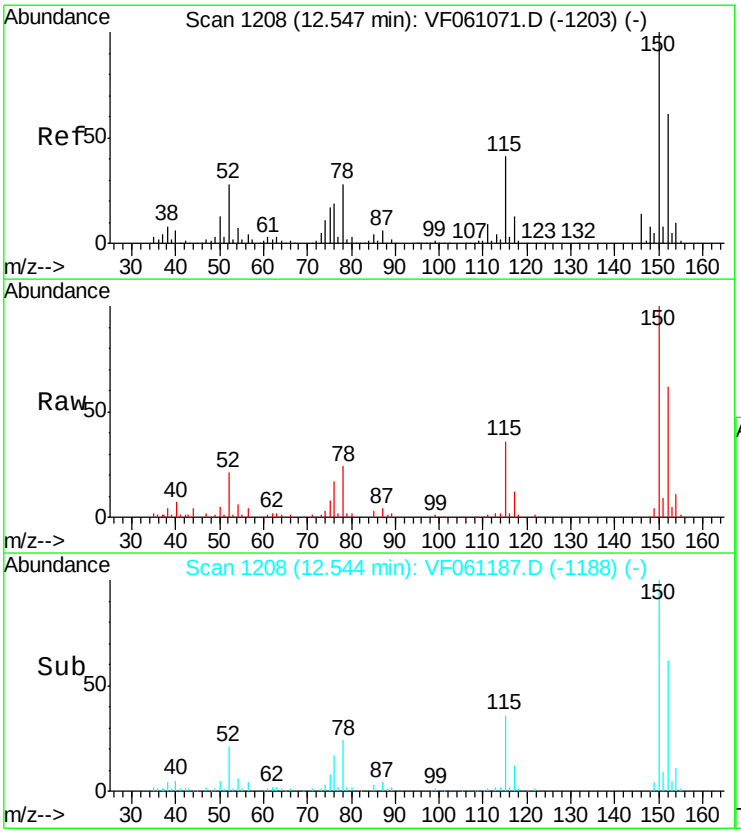
#70
Styrene
Concen: Below Cal
RT: 10.78 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument : MSVOA_F
ClientSampleId : P001-SS025-0612-01

Tgt Ion:104 Resp: 86

Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.4	57.6#
103	69.9	37.0	55.6#

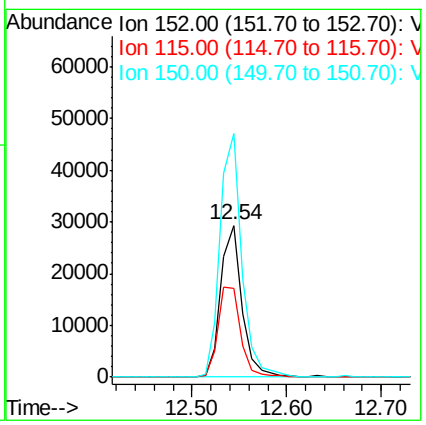


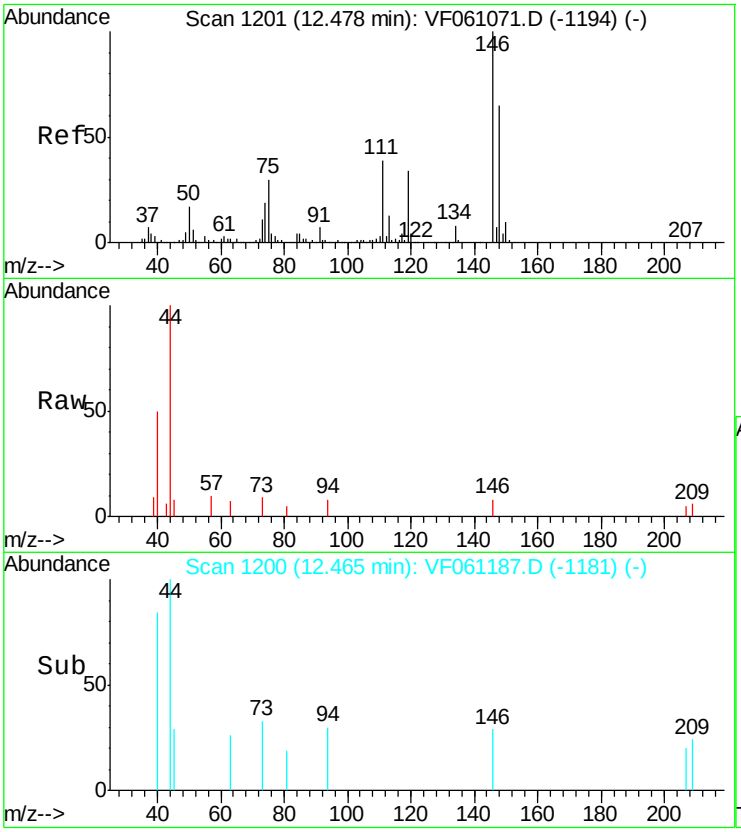


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Tgt Ion:152 Resp: 45877

Ion	Ratio	Lower	Upper
152	100		
115	58.3	33.3	99.9
150	160.5	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.46 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VF061187.D
Acq: 26 Dec 2018 14:39

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-0612-01

Tgt Ion:146 Resp: 243

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