Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122618\
Data File : VF061199.D
Acq On : 26 Dec 2018 20:25
Operator : VA/AP
Sample : J6446-04RE
Misc : 6.20g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SS026-0612-01RE

Quant Time: Dec 26 23:55:50 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	135202	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	240021	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	166208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	52739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	98645	56.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.46%			
35) Dibromofluoromethane	4.09	113	99439	51.72	ug/l	-0.02
Spiked Amount 50.000			Recovery = 103.44%			
50) Toluene-d8	7.54	98	203300	37.31	ug/l	-0.02
Spiked Amount 50.000			Recovery = 74.62%			
62) 4-Bromofluorobenzene	11.40	95	67414	26.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 53.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	170	2.423	ug/l #	1
13) Acrolein	2.10	56	234	4.615	ug/l	95
15) Acrylonitrile	2.93	53	255	1.571	ug/l #	26
16) Acetone	2.38	43	5329	15.329	ug/l	96
18) Methyl Acetate	2.38	43	5912	8.220	ug/l #	66
20) Methylene Chloride	2.26	84	3275	Below Cal	#	61
37) Ethyl Acetate	4.14	43	199	Below Cal	#	21
39) Methylcyclohexane	5.58	83	2665	1.025	ug/l #	42
49) 1,4-Dioxane	7.03	88	133	18.769	ug/l #	23
52) Toluene	7.61	92	4157	1.008	ug/l	91
59) 2-Hexanone	9.49	43	997	1.437	ug/l	85
70) Styrene	10.77	104	272	Below Cal	#	88
78) n-propylbenzene	11.58	91	264	Below Cal	#	55
87) 1,3-Dichlorobenzene	12.55	146	72	Below Cal	#	1

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122618\
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Operator : VA/AP
Sample : J6446-04RE
Misc : 6.20g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Quant Time: Dec 26 23:55:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
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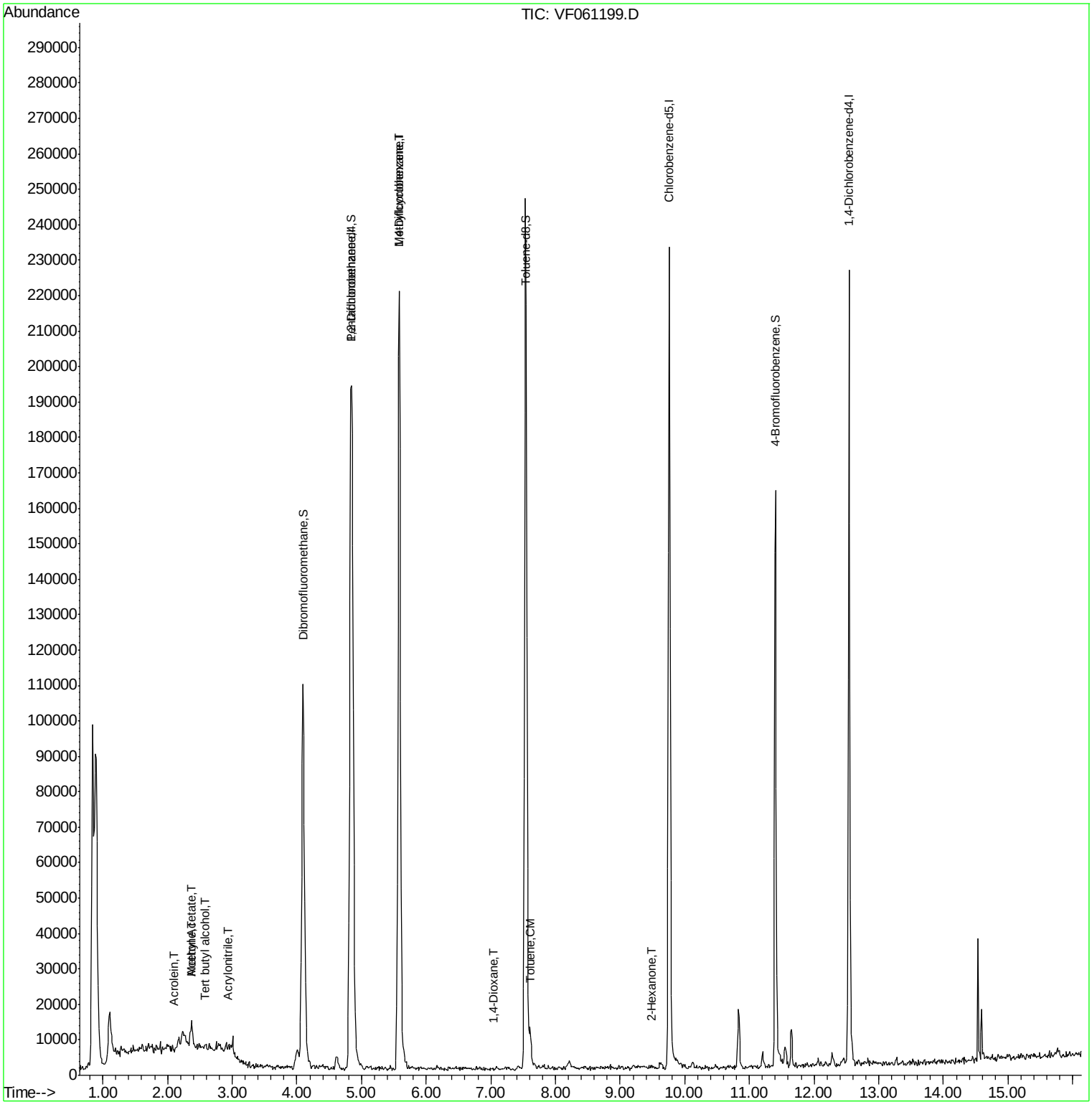
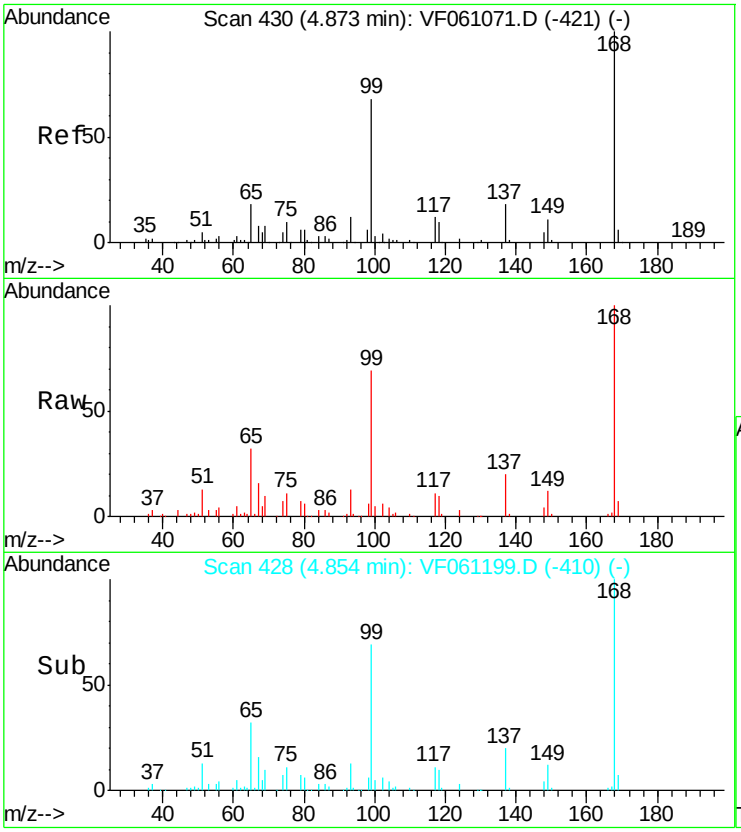


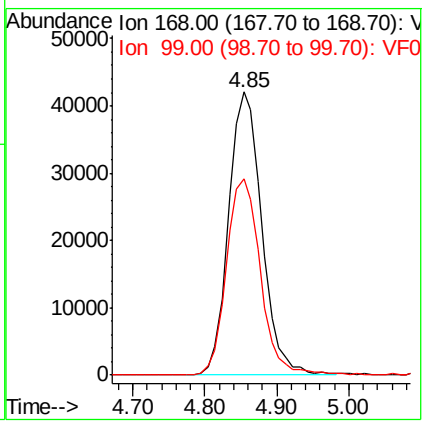


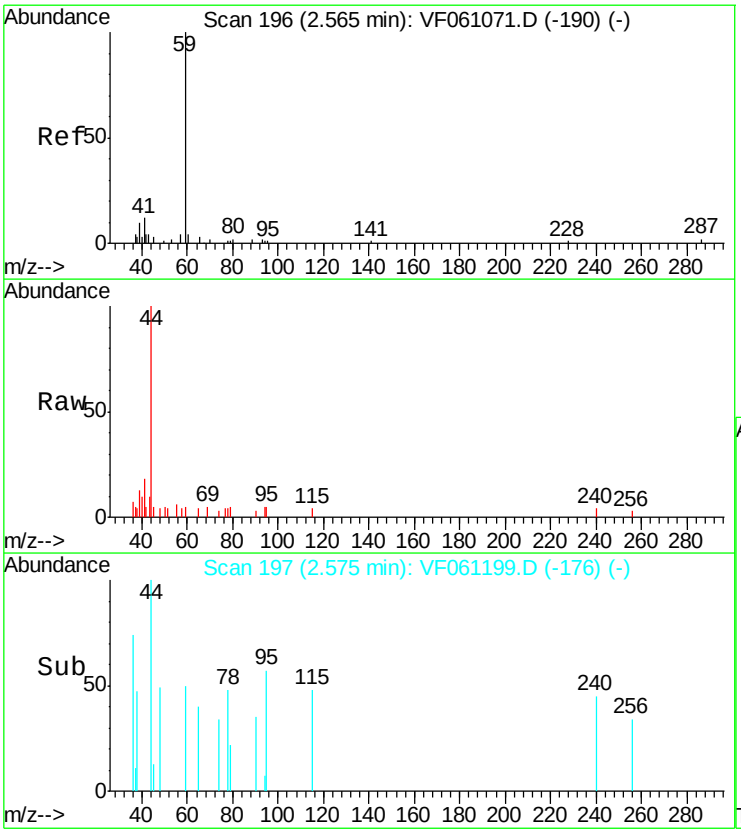
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion:168 Resp: 135202

Ion	Ratio	Lower	Upper
168	100		
99	69.2	54.4	81.6

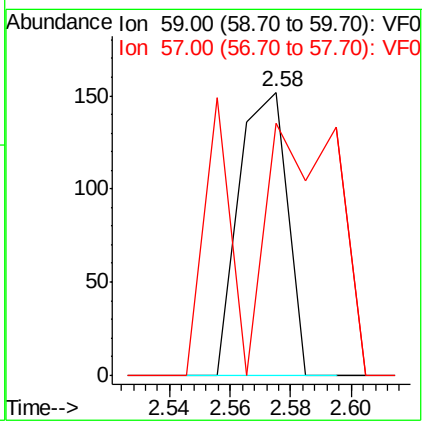


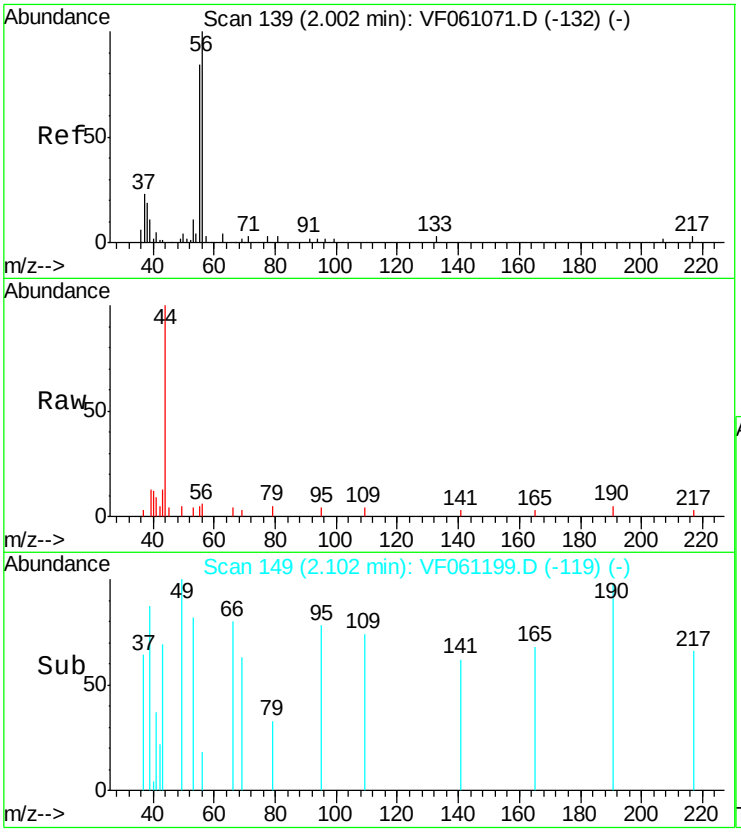


#11
Tert butyl alcohol
Concen: 2.423 ug/l
RT: 2.58 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion: 59 Resp: 170

Ion	Ratio	Lower	Upper
59	100		
57	88.8	11.5	17.3#



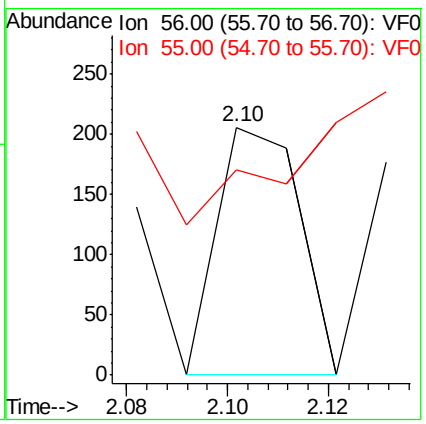


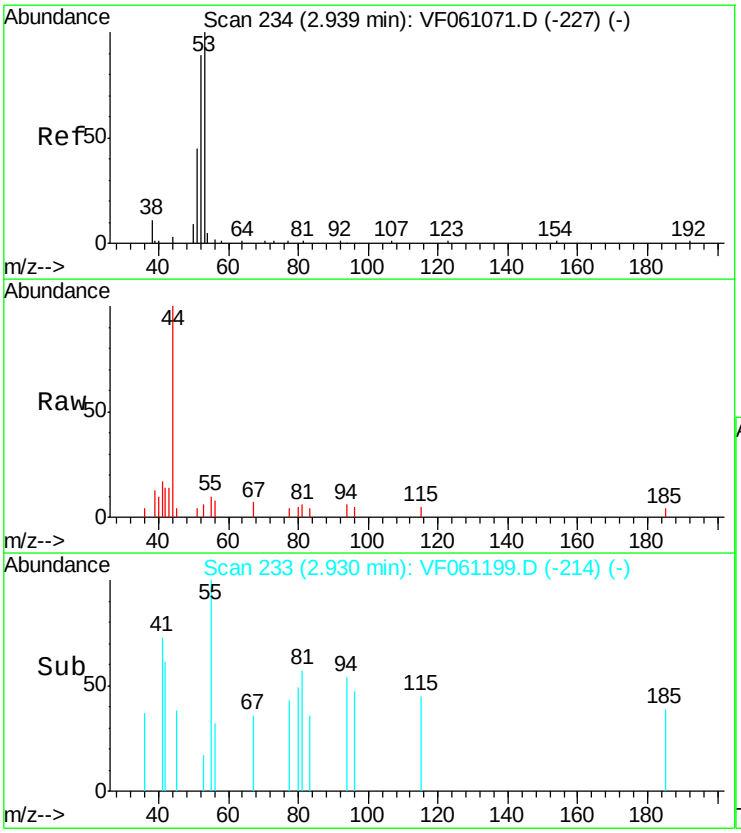
#13
Acrolein
Concen: 4.615 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.10 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion: 56 Resp: 234

Ion	Ratio	Lower	Upper
56	100		
55	83.0	70.2	105.2

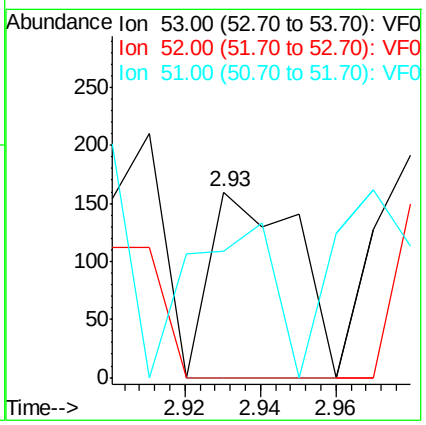


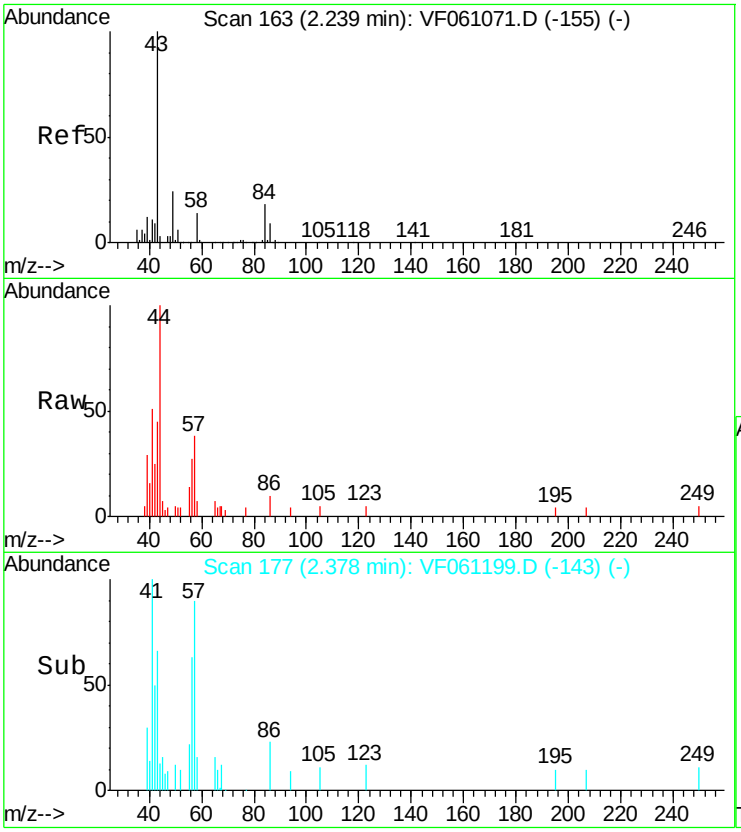


#15
Acrylonitrile
Concen: 1.571 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.01 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion: 53 Resp: 255

Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	68.1	36.8	55.2#



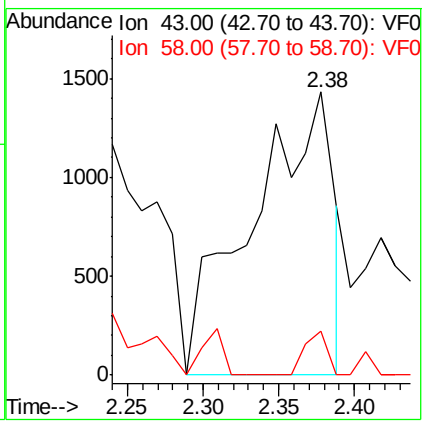


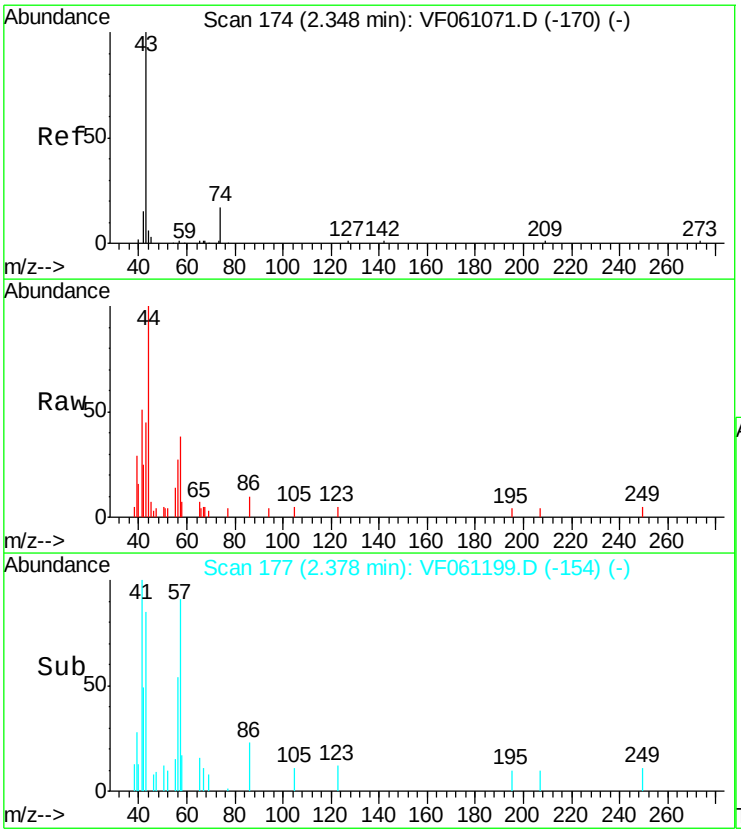
#16
Acetone
Concen: 15.329 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.14 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion: 43 Resp: 5329

Ion	Ratio	Lower	Upper
43	100		
58	15.4	11.1	16.7

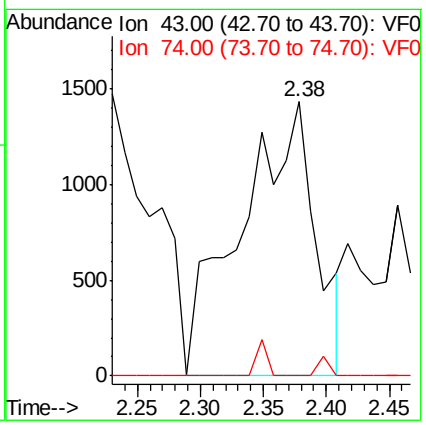


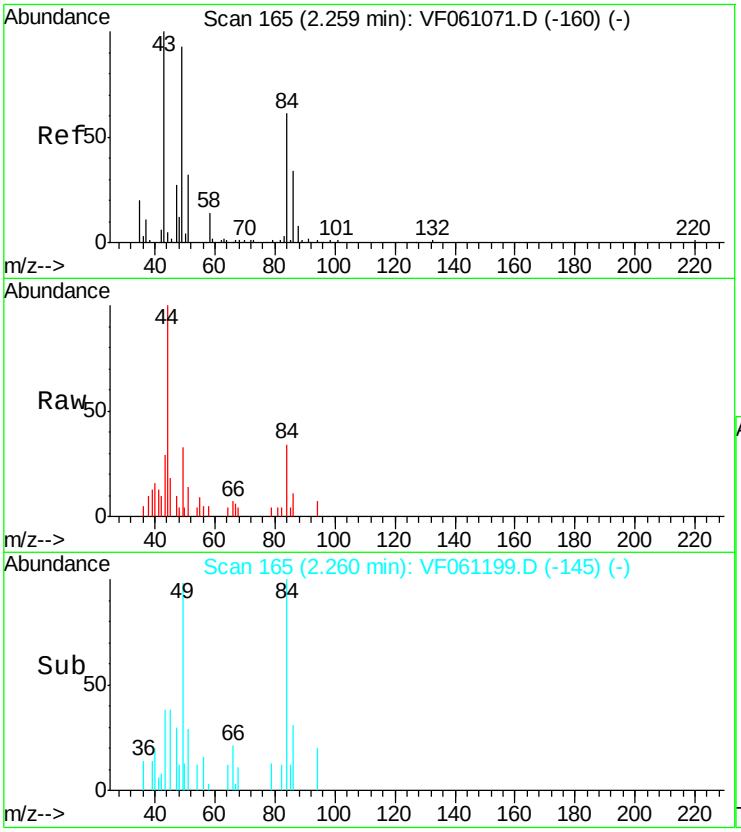


#18
Methyl Acetate
Concen: 8.220 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion: 43 Resp: 5912

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#



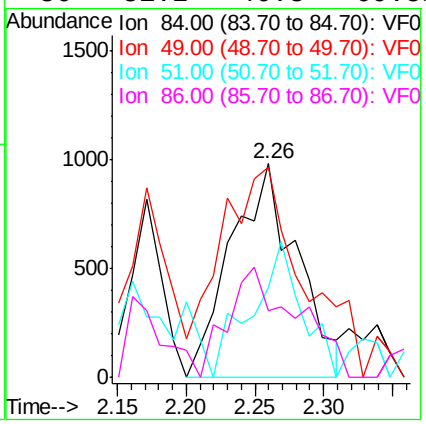


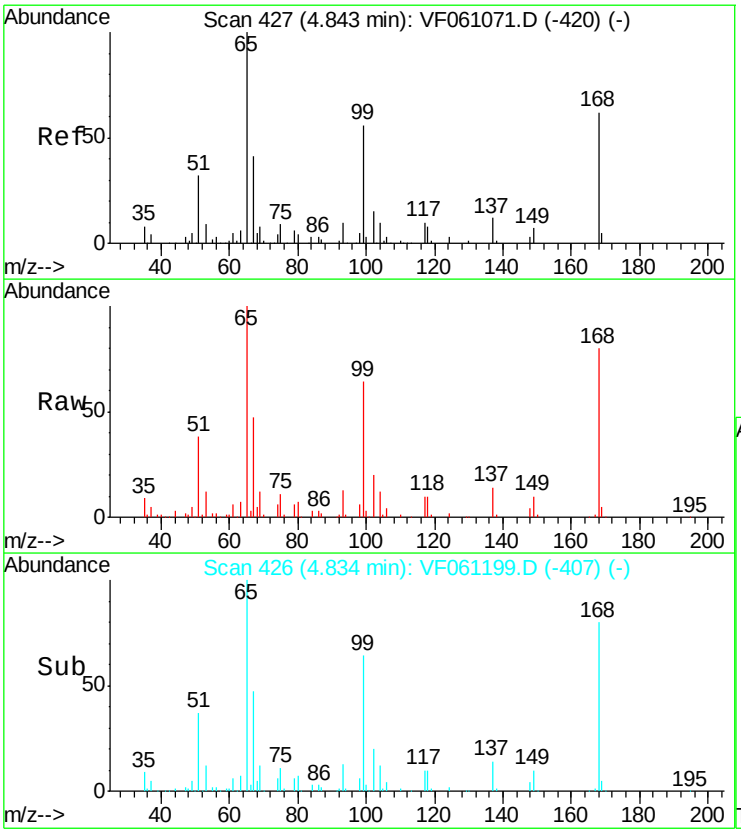
#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 165
Delta R.T. 0.00 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion: 84 Resp: 3275

Ion	Ratio	Lower	Upper
84	100		
49	98.1	129.4	194.2#
51	42.3	44.0	66.0#
86	31.2	46.3	69.5#

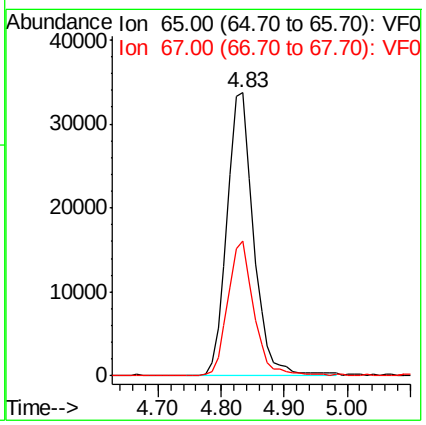


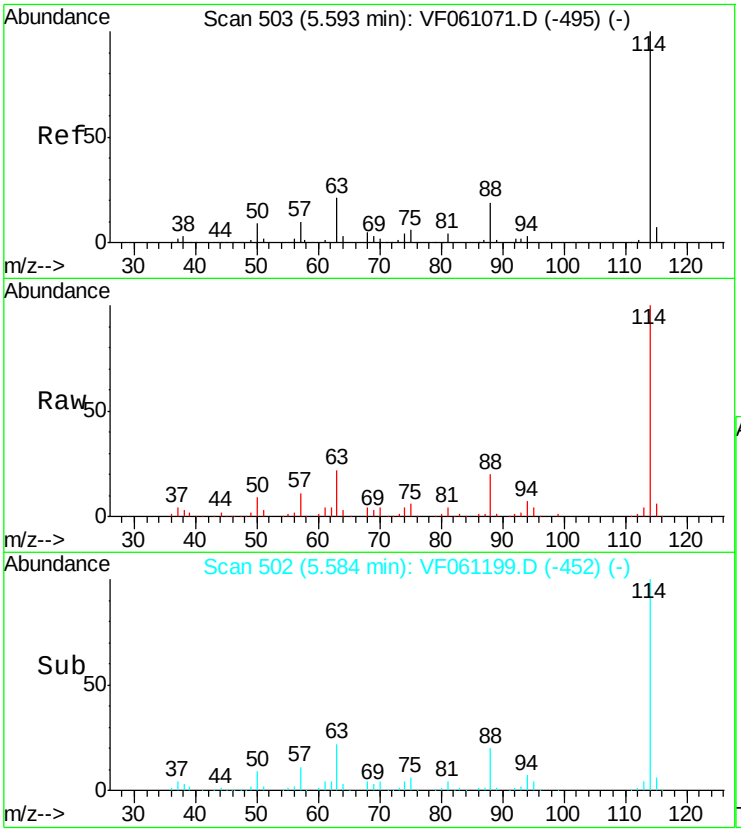


#33
1,2-Dichloroethane-d4
Concen: 56.727 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion: 65 Resp: 98645

Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	94.6



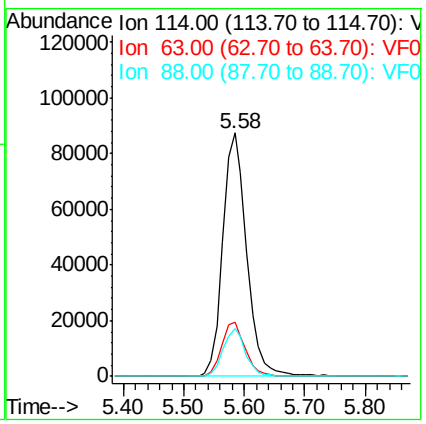


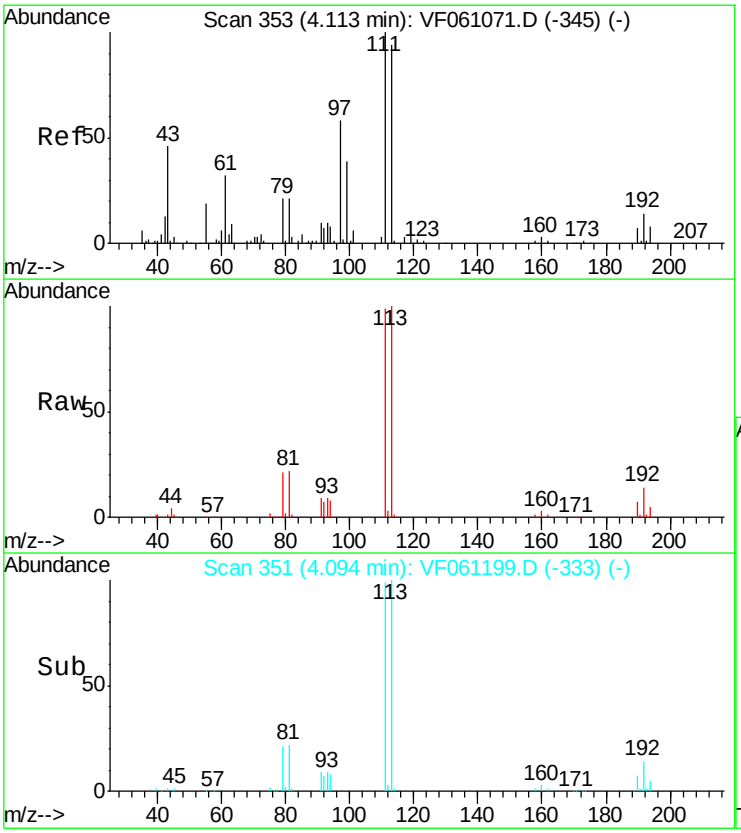
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion:114 Resp: 240021

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	41.6
88	19.7	0.0	38.0

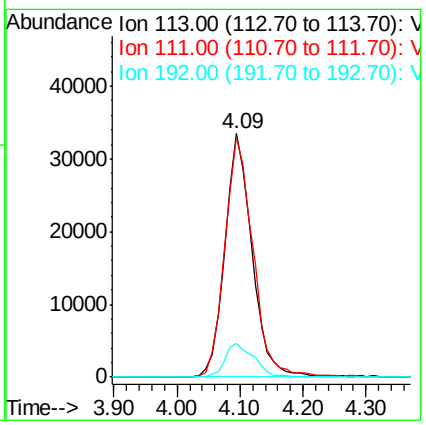


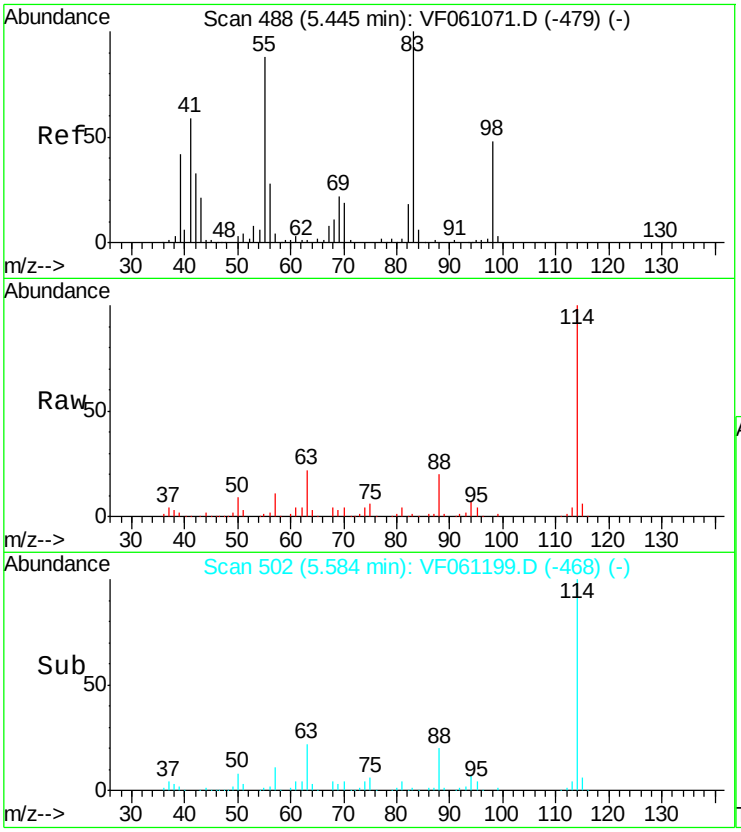


#35
Dibromofluoromethane
Concen: 51.718 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion:113 Resp: 99439

Ion	Ratio	Lower	Upper
113	100		
111	98.6	85.2	127.8
192	14.7	12.8	19.2



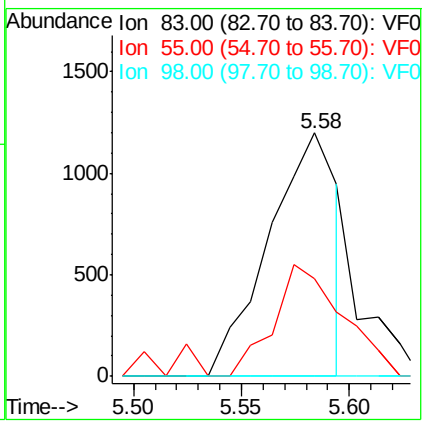


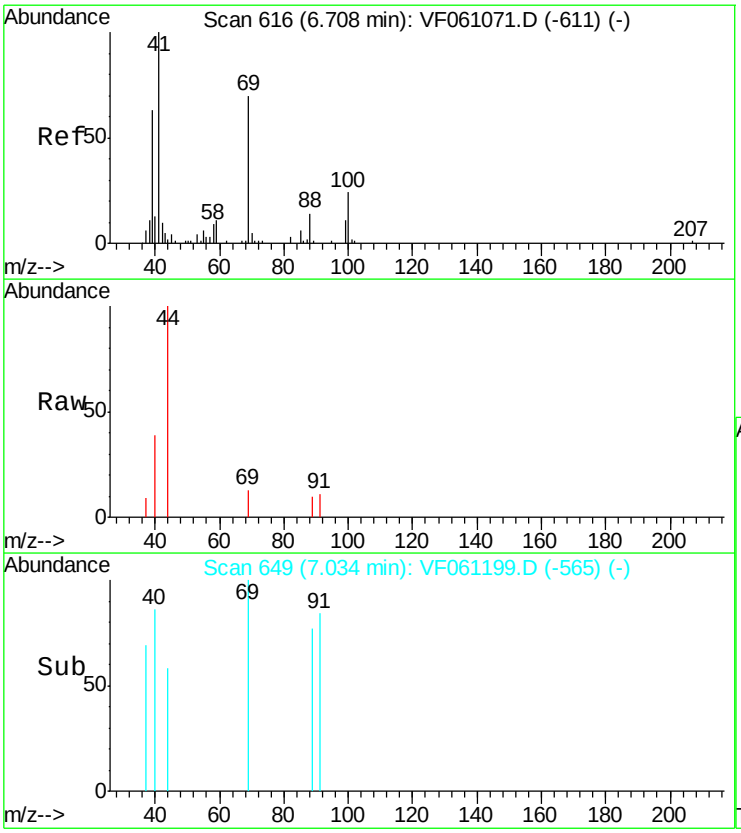
#39
Methylcyclohexane
Concen: 1.025 ug/l
RT: 5.58 min Scan# 502
Delta R.T. 0.14 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion: 83 Resp: 2665

Ion	Ratio	Lower	Upper
83	100		
55	40.3	70.6	105.8#
98	0.0	38.5	57.7#

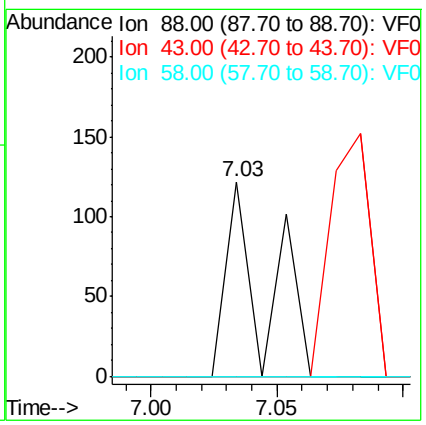


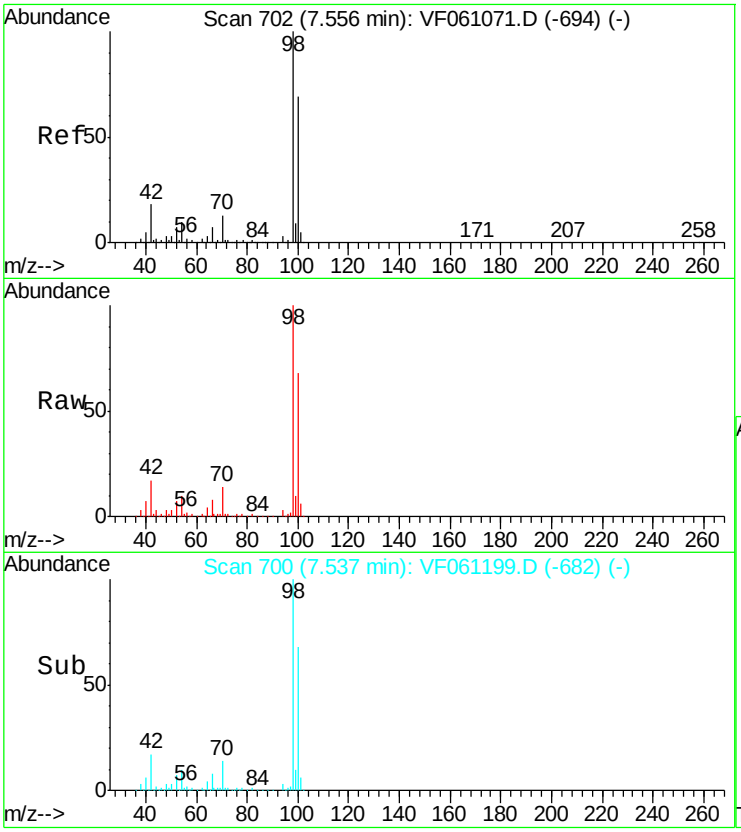


#49
1,4-Dioxane
Concen: 18.769 ug/l
RT: 7.03 min Scan# 649
Delta R.T. 0.33 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion: 88 Resp: 133

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



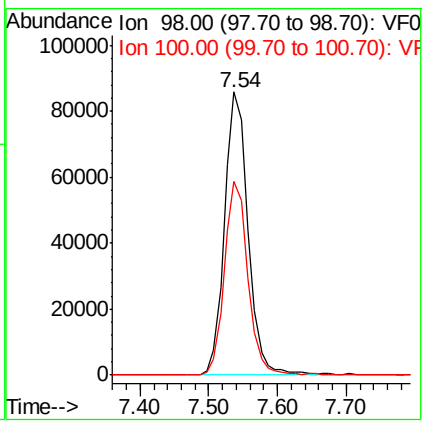


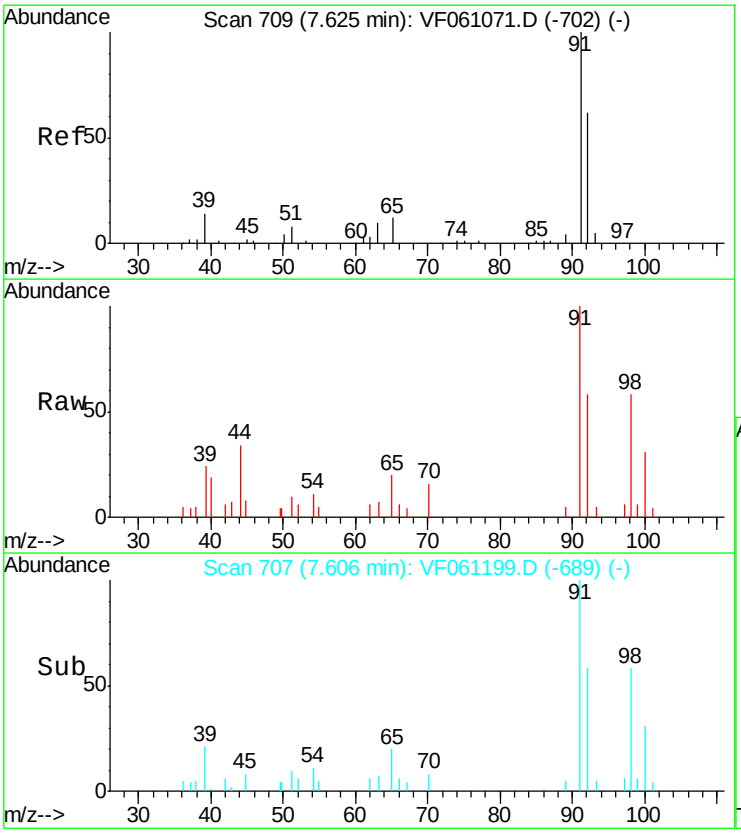
#50
Toluene-d8
Concen: 37.312 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion: 98 Resp: 203300

Ion	Ratio	Lower	Upper
98	100		
100	68.3	55.3	82.9

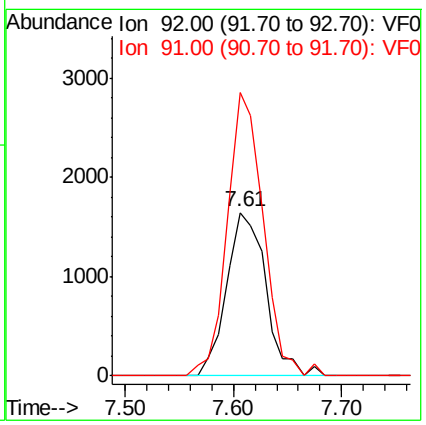


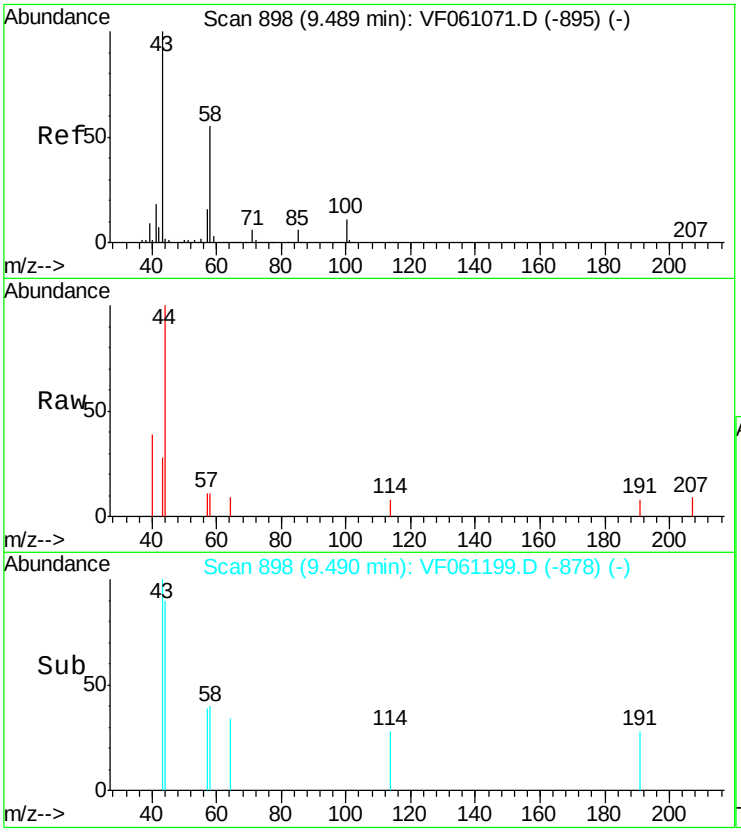


#52
Toluene
Concen: 1.008 ug/l
RT: 7.61 min Scan# 707
Delta R.T. -0.02 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion: 92 Resp: 4157

Ion	Ratio	Lower	Upper
92	100		
91	173.4	128.8	193.2



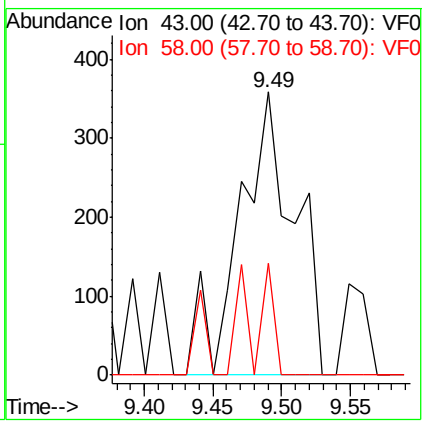


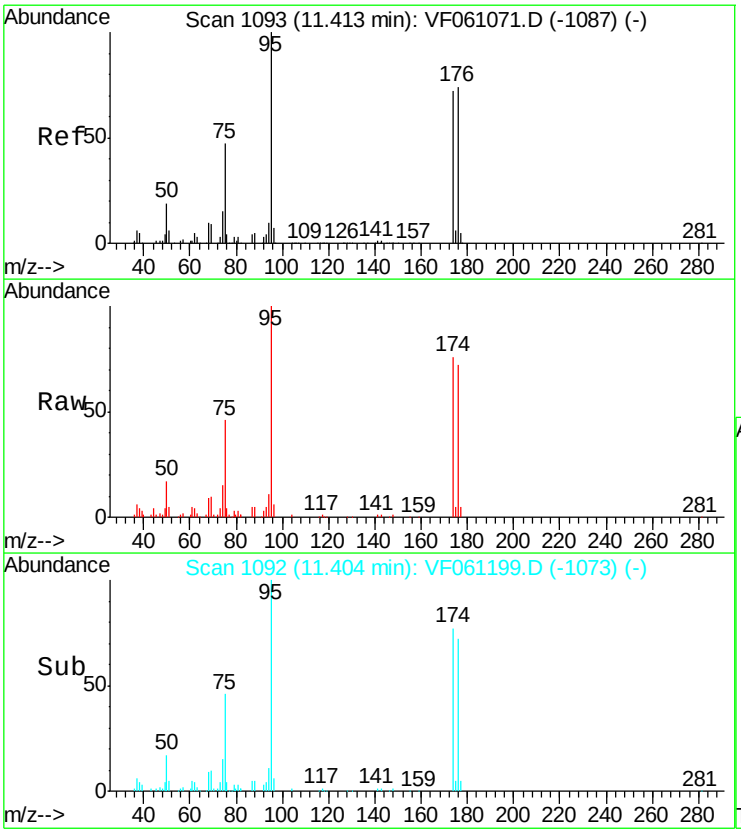
#59
2-Hexanone
Concen: 1.437 ug/l
RT: 9.49 min Scan# 898
Delta R.T. 0.00 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion: 43 Resp: 997

Ion	Ratio	Lower	Upper
43	100		
58	39.7	25.1	75.2

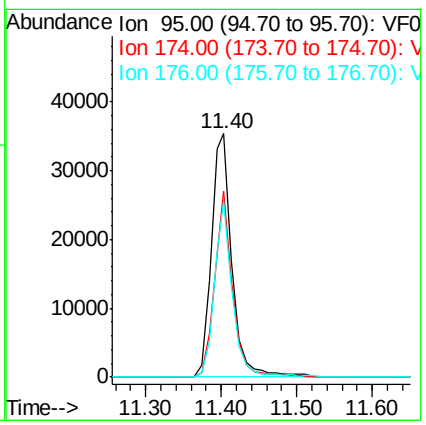


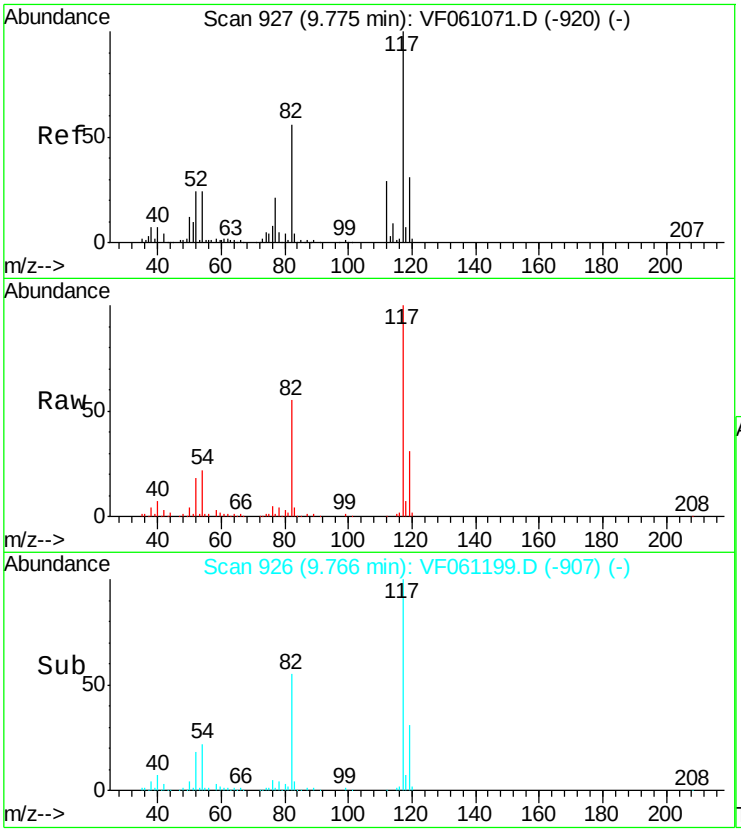


#62
4-Bromofluorobenzene
Concen: 26.838 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion: 95 Resp: 67414

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	143.8
176	72.0	0.0	147.6



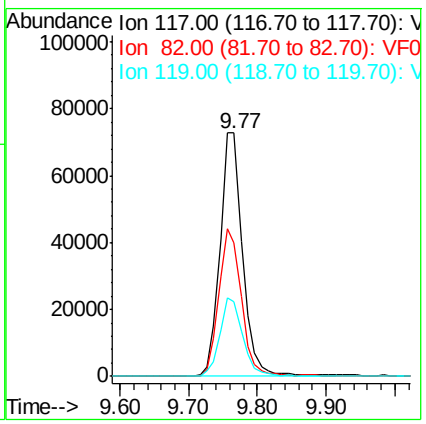


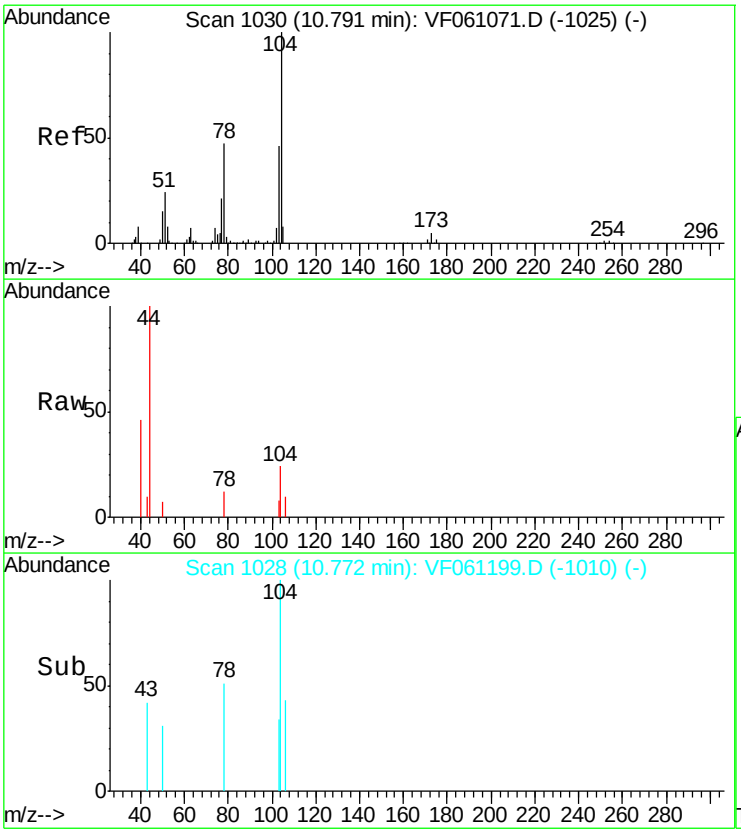
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion:117 Resp: 166208

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.4
119	30.8	24.8	37.2

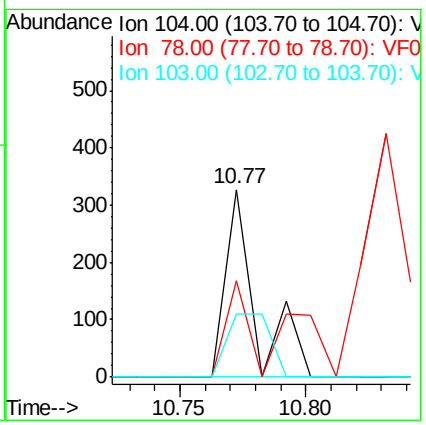


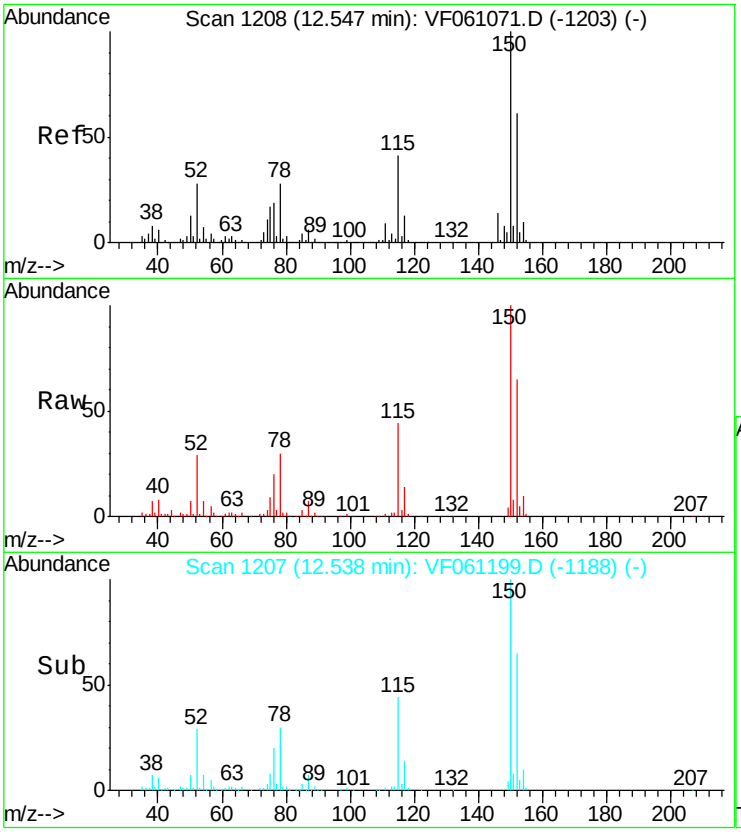


#70
Styrene
Concen: Below Cal
RT: 10.77 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion:104 Resp: 272

Ion	Ratio	Lower	Upper
104	100		
78	51.4	38.4	57.6
103	33.6	37.0	55.6#



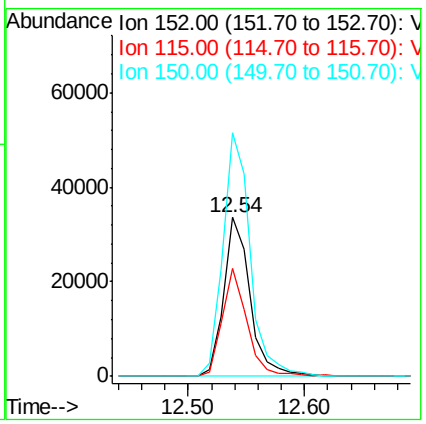


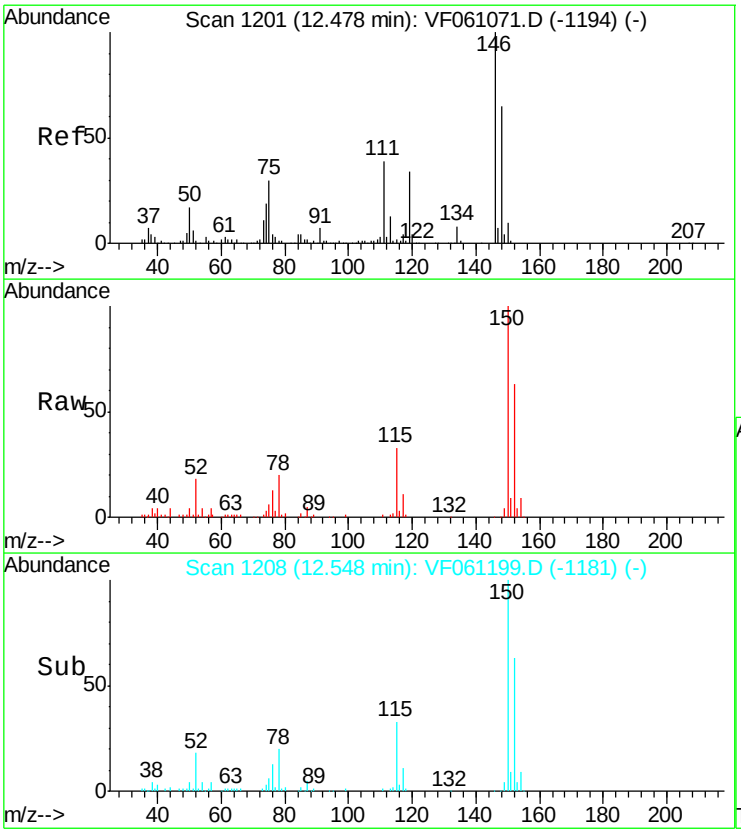
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS026-0612-01RE

Tgt Ion:152 Resp: 52739

Ion	Ratio	Lower	Upper
152	100		
115	68.0	33.3	99.9
150	153.3	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.55 min Scan# 1208
Delta R.T. 0.07 min
Lab File: VF061199.D
Acq: 26 Dec 2018 20:25

Tgt Ion:146 Resp: 72

Ion	Ratio	Lower	Upper
146	100		
111	356.6	19.3	57.9#
148	132.0	32.4	97.2#