Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122618\
Data File : VF061181.D
Acq On : 26 Dec 2018 11:40
Operator : VA/AP
Sample : VF1226SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1226SBL01

Quant Time: Dec 26 23:50:13 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	193107	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	347822	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	324604	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	186265	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	128833	51.87	ug/l	-0.02
Spiked Amount 50.000			Recovery = 103.74%			
35) Dibromofluoromethane	4.09	113	143859	51.63	ug/l	-0.02
Spiked Amount 50.000			Recovery = 103.26%			
50) Toluene-d8	7.54	98	362229	45.88	ug/l	-0.02
Spiked Amount 50.000			Recovery = 91.76%			
62) 4-Bromofluorobenzene	11.39	95	183109	50.30	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.60%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	342	3.412	ug/l #	65
13) Acrolein	1.99	56	134	1.850	ug/l	91
15) Acrylonitrile	2.92	53	894	3.857	ug/l #	66
16) Acetone	2.23	43	2057	4.143	ug/l	97
18) Methyl Acetate	2.37	43	4196	4.085	ug/l #	66
20) Methylene Chloride	2.24	84	17754	7.359	ug/l #	78
29) Tetrahydrofuran	4.06	42	793	2.420	ug/l #	66
37) Ethyl Acetate	4.13	43	181	Below Cal	#	21
49) 1,4-Dioxane	7.13	88	72	7.012	ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	3897	2.803	ug/l	93
59) 2-Hexanone	9.48	43	4446	4.422	ug/l	97
70) Styrene	10.77	104	847	Below Cal	#	86
74) N-amyl acetate	11.36	43	4950	1.389	ug/l #	84
78) n-propylbenzene	11.58	91	2027	Below Cal		96
87) 1,3-Dichlorobenzene	12.47	146	861	Below Cal		72
95) Naphthalene	14.44	128	9233	1.154	ug/l #	96

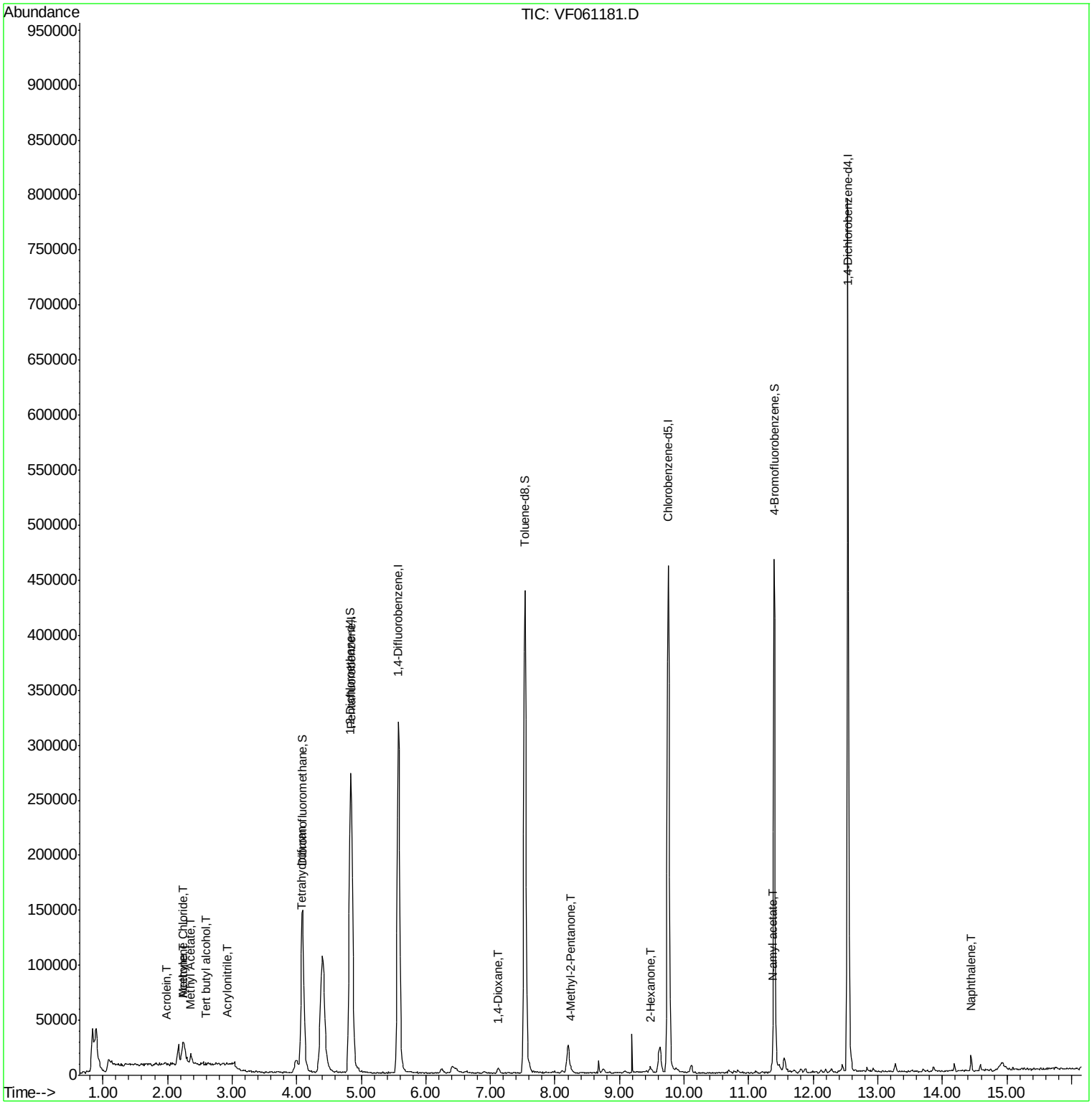
(#) = qualifier out of range (m) = manual integration (+) = signals summed

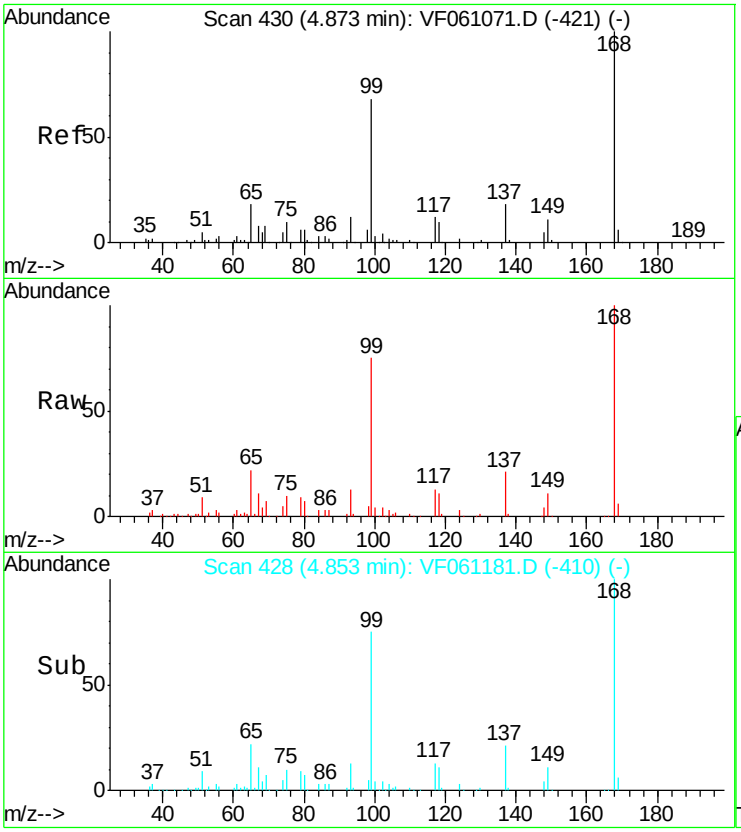
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122618\
Data File : VF061181.D
Acq On : 26 Dec 2018 11:40
Operator : VA/AP
Sample : VF1226SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1226SBL01

Quant Time: Dec 26 23:50:13 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



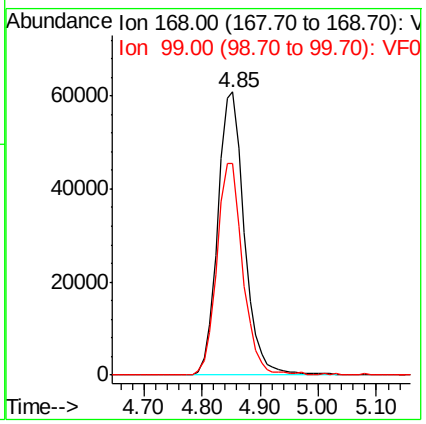


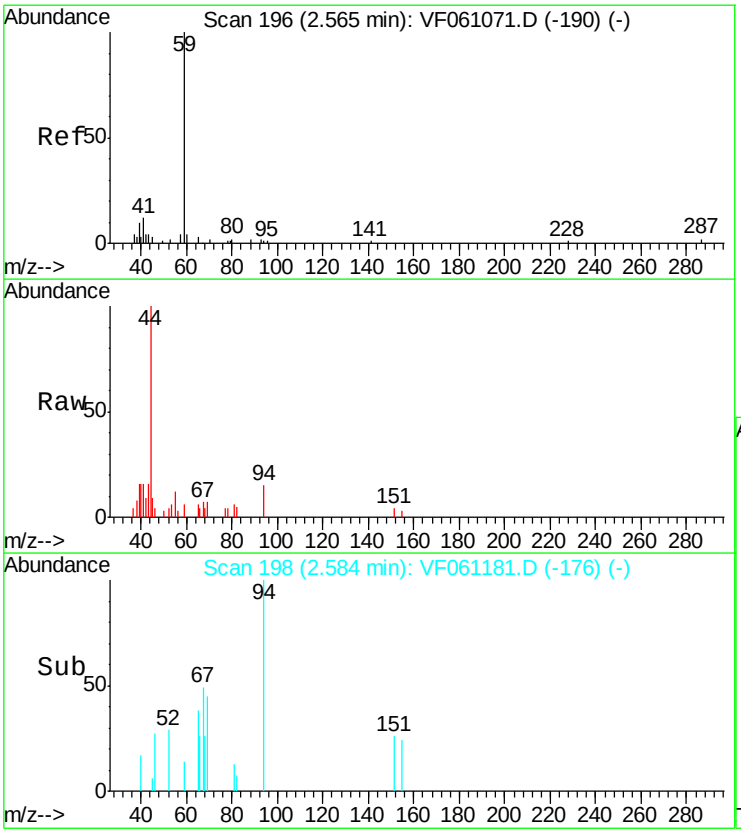
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument :
MSVOA_F
ClientSampleId :
VF1226SBL01

Tgt Ion:168 Resp: 193107

Ion	Ratio	Lower	Upper
168	100		
99	74.8	54.4	81.6

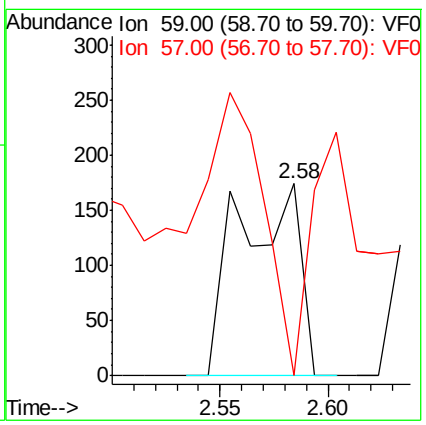


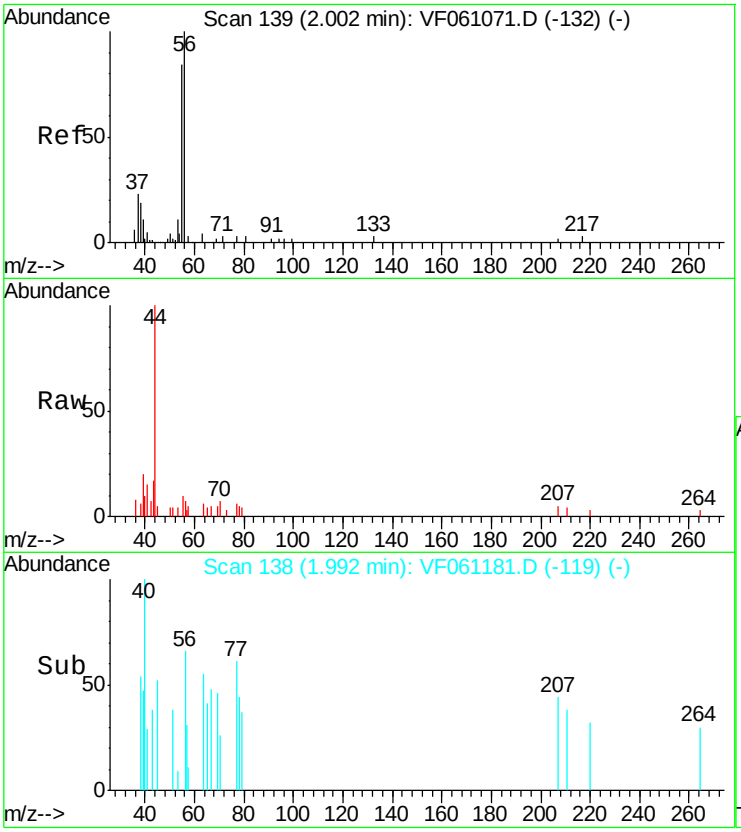


#11
Tert butyl alcohol
Concen: 3.412 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion: 59 Resp: 342

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.5	17.3#



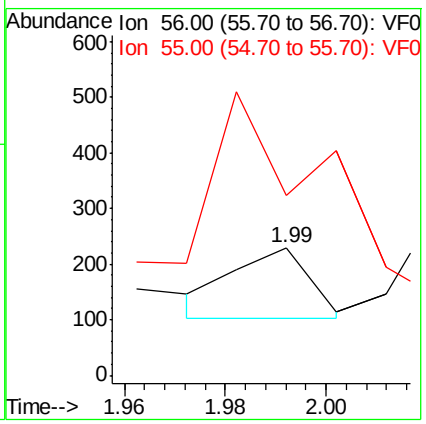


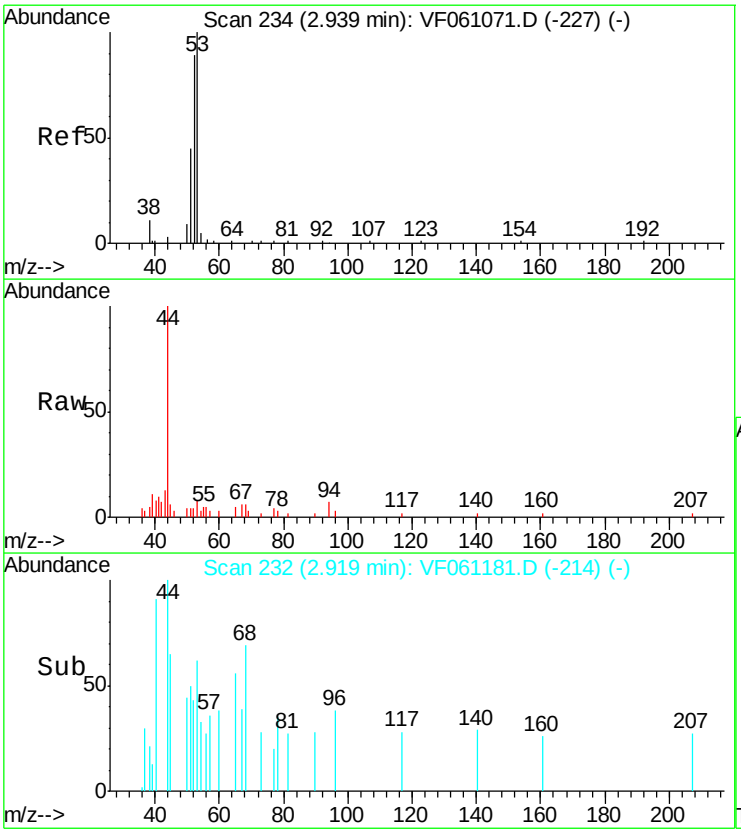
#13
Acrolein
Concen: 1.850 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument : MSVOA_F
ClientSampleId : VF1226SBL01

Tgt Ion: 56 Resp: 134

Ion	Ratio	Lower	Upper
56	100		
55	96.1	70.2	105.2

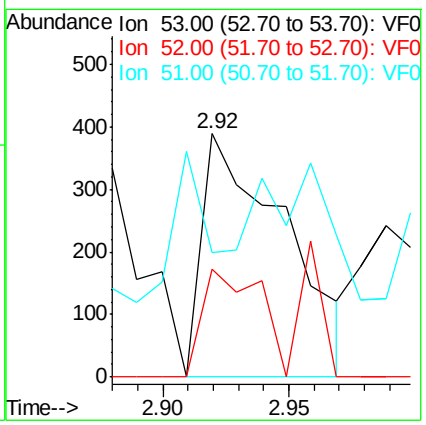


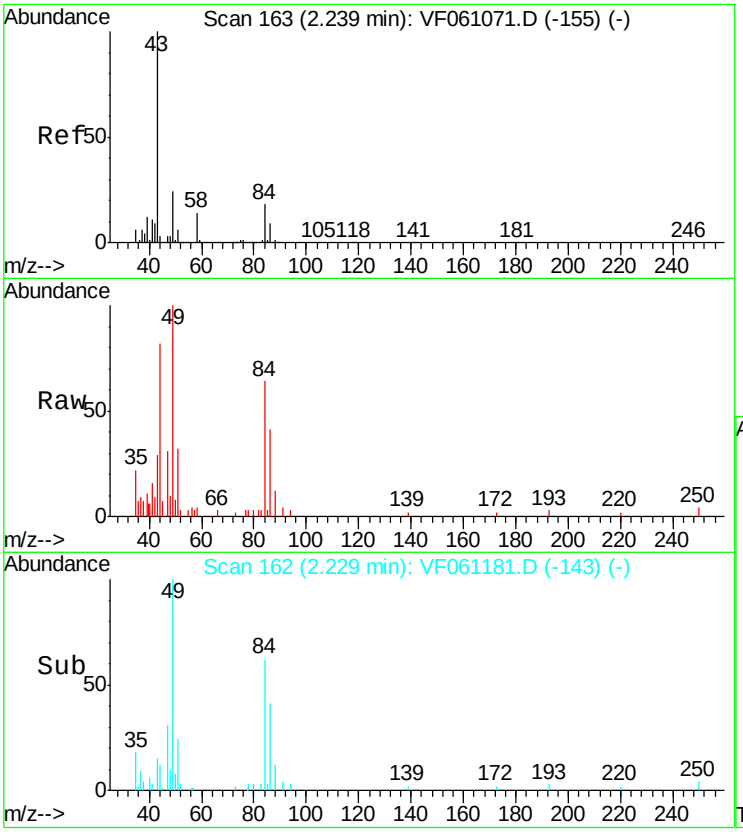


#15
Acrylonitrile
Concen: 3.857 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion: 53 Resp: 894

Ion	Ratio	Lower	Upper
53	100		
52	44.5	71.3	106.9#
51	51.2	36.8	55.2



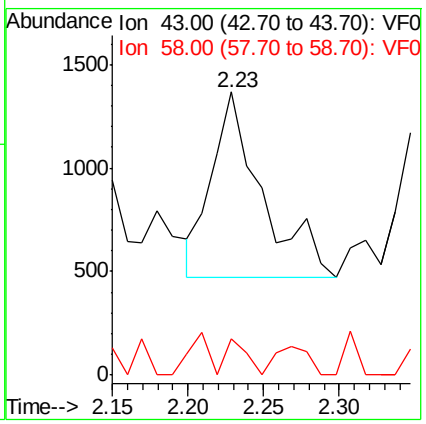


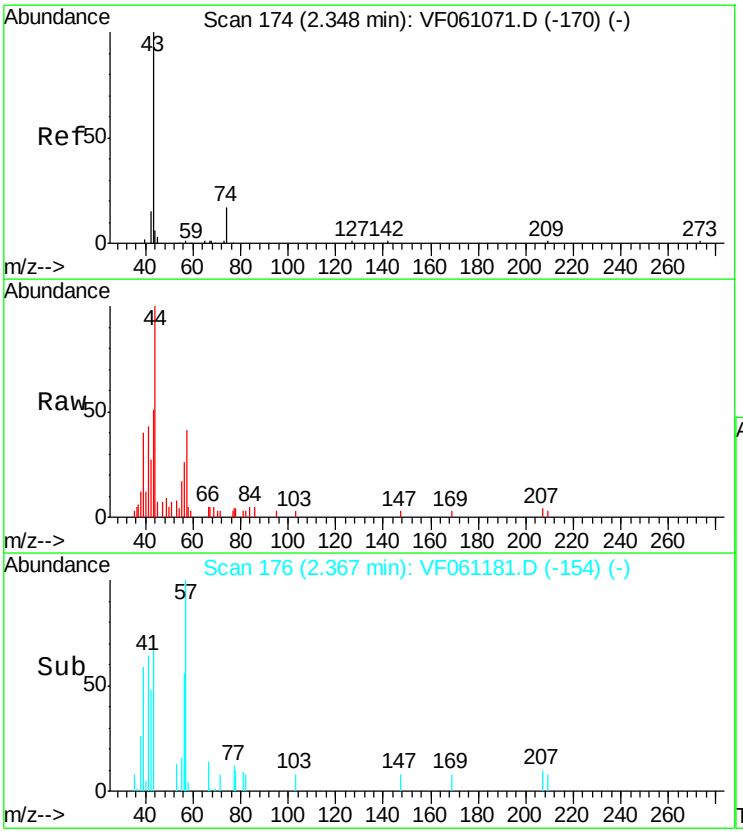
#16
Acetone
Concen: 4.143 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument :
MSVOA_F
ClientSampleId :
VF1226SBL01

Tgt Ion: 43 Resp: 2057

Ion	Ratio	Lower	Upper
43	100		
58	12.9	11.1	16.7

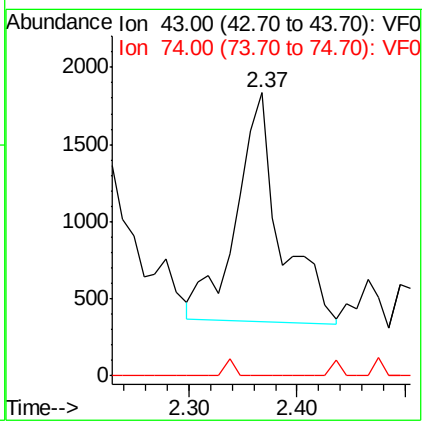


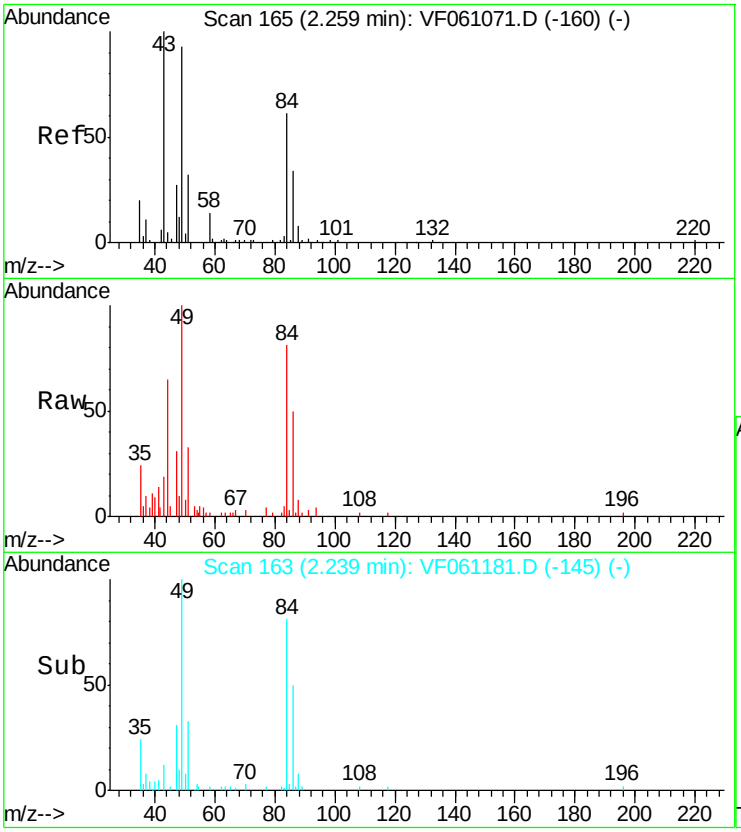


#18
Methyl Acetate
Concen: 4.085 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion: 43 Resp: 4196

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#



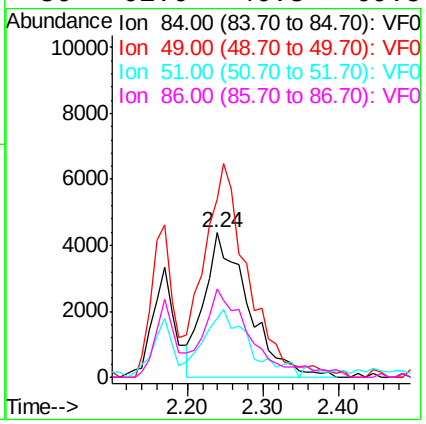


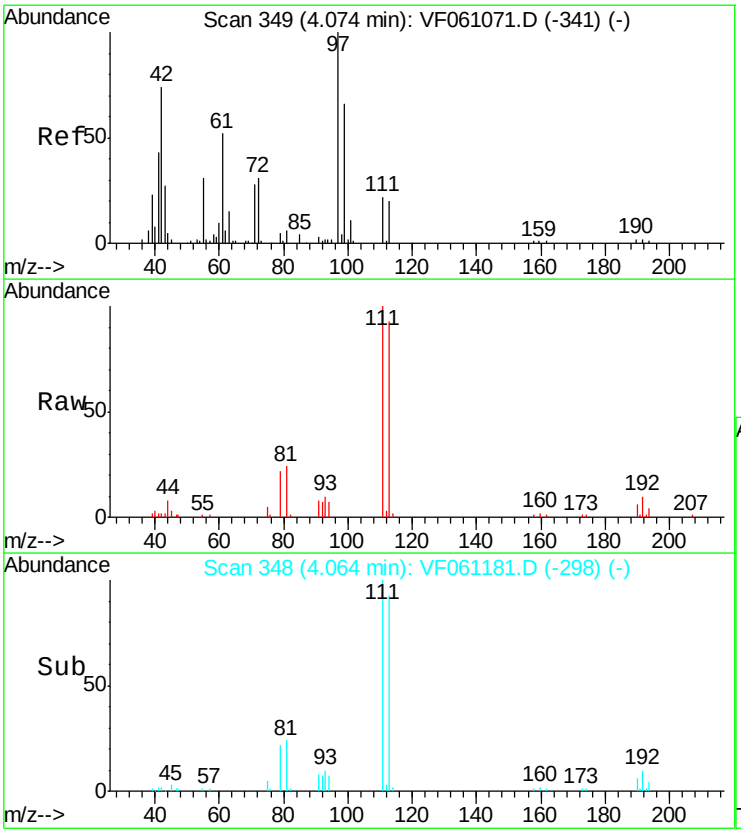
#20
Methylene Chloride
Concen: 7.359 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument : MSVOA_F
ClientSampleId : VF1226SBL01

Tgt Ion: 84 Resp: 17754

Ion	Ratio	Lower	Upper
84	100		
49	123.8	129.4	194.2#
51	40.6	44.0	66.0#
86	61.6	46.3	69.5

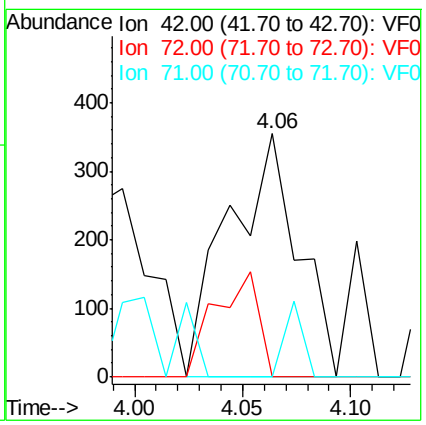


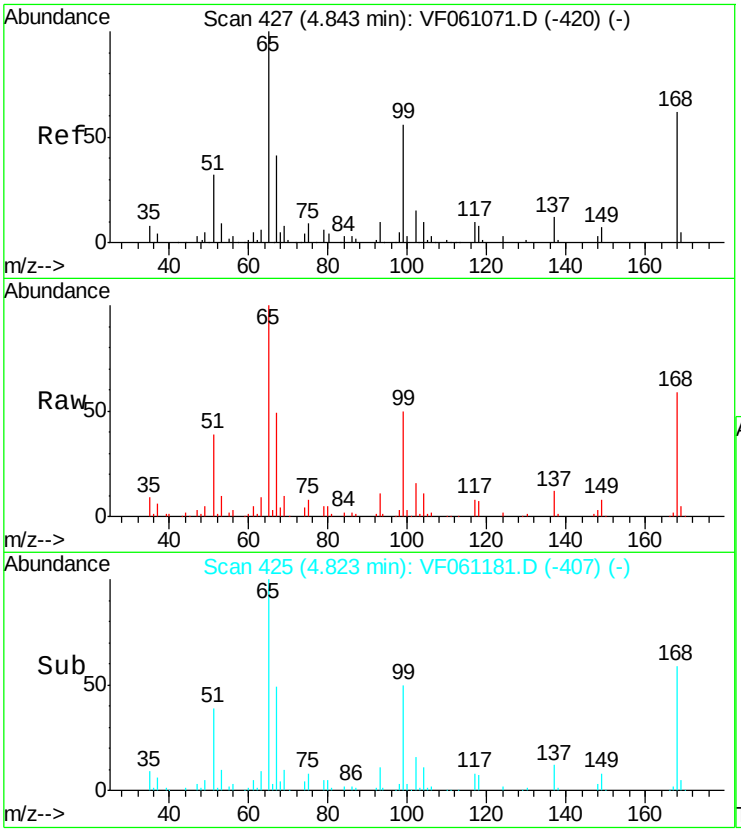


#29
Tetrahydrofuran
Concen: 2.420 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.01 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion: 42 Resp: 793

Ion	Ratio	Lower	Upper
42	100		
72	27.0	31.8	47.8#
71	8.3	29.7	44.5#



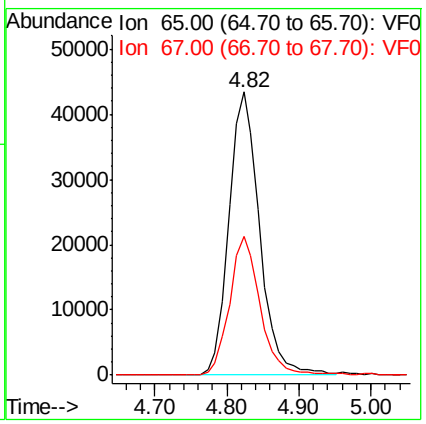


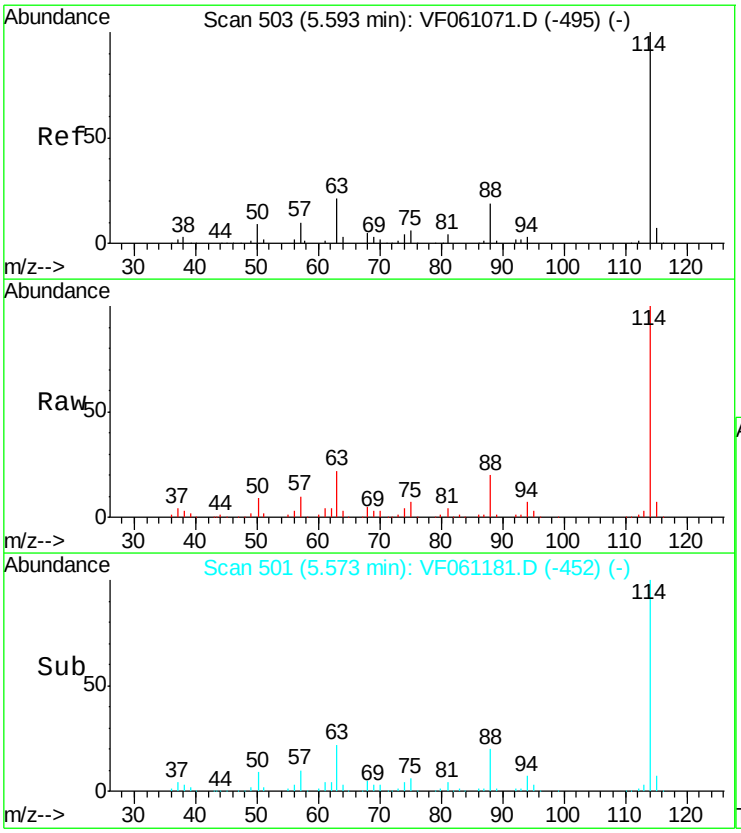
#33
1,2-Dichloroethane-d4
Concen: 51.872 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument :
MSVOA_F
ClientSampleId :
VF1226SBL01

Tgt Ion: 65 Resp: 128833

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	94.6

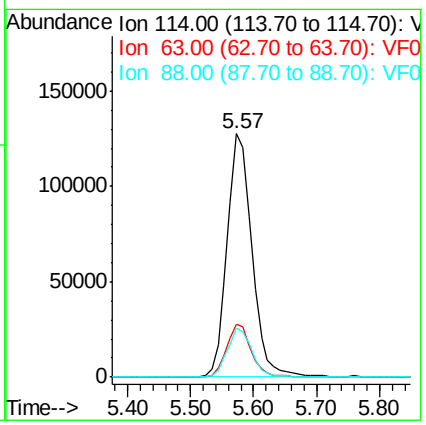


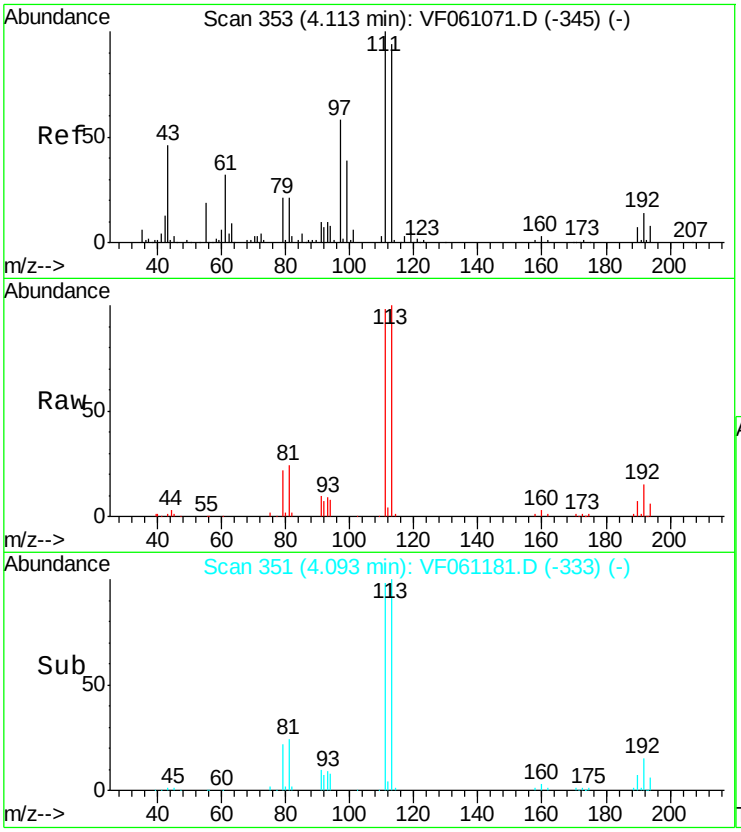


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion:114 Resp: 347822

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	41.6
88	19.9	0.0	38.0



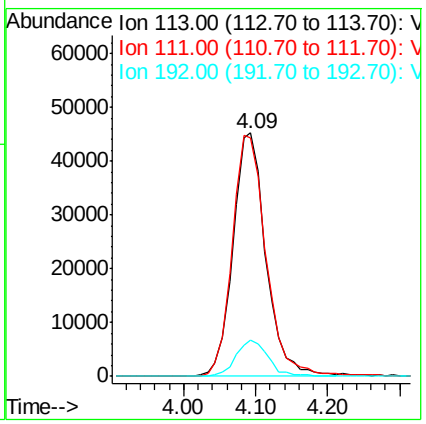


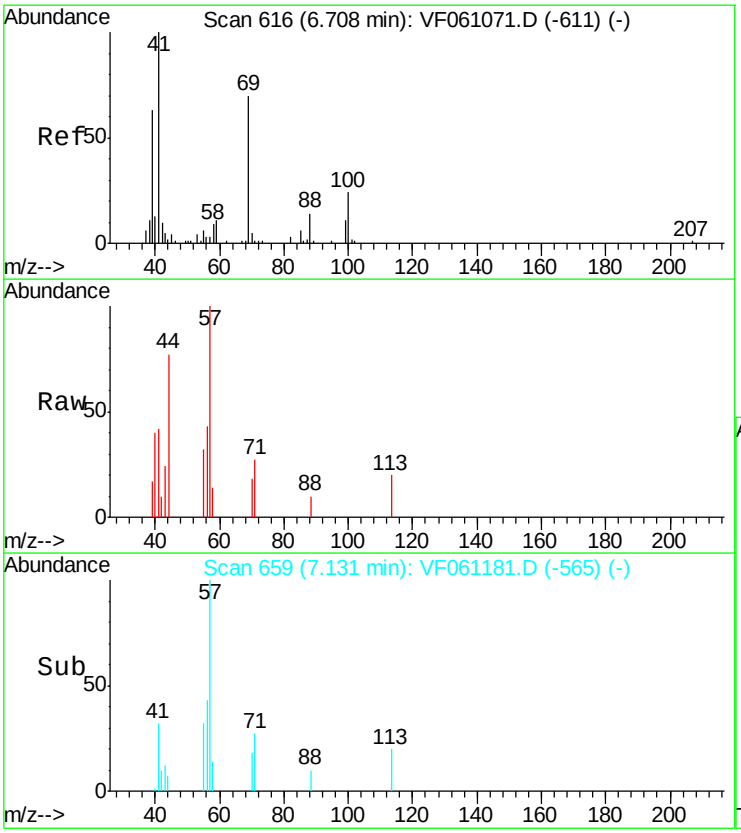
#35
Dibromofluoromethane
Concen: 51.632 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument :
MSVOA_F
ClientSampleId :
VF1226SBL01

Tgt Ion:113 Resp: 143859

Ion	Ratio	Lower	Upper
113	100		
111	97.8	85.2	127.8
192	15.1	12.8	19.2

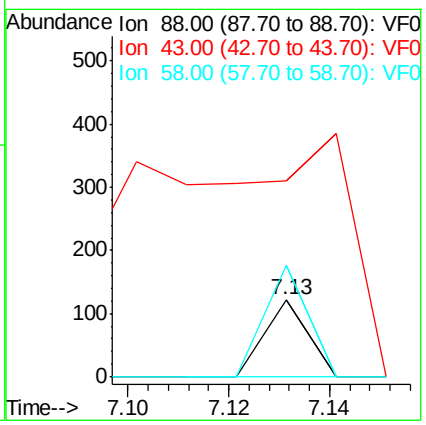


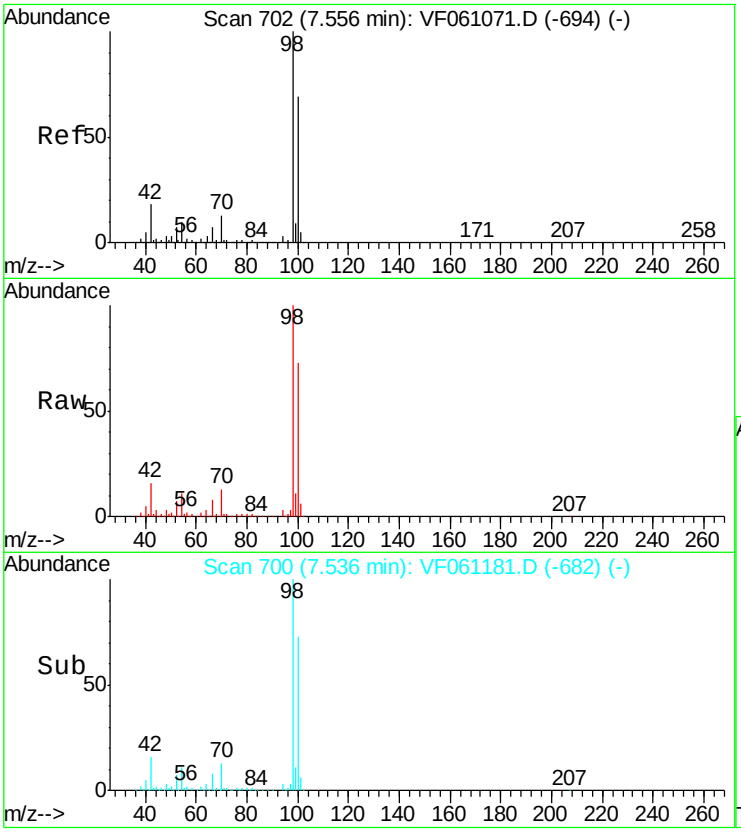


#49
1,4-Dioxane
Concen: 7.012 ug/l
RT: 7.13 min Scan# 659
Delta R.T. 0.42 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	254.9	33.3	49.9#
58	144.3	53.2	79.8#



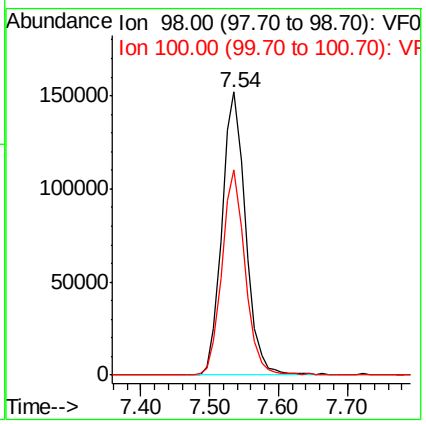


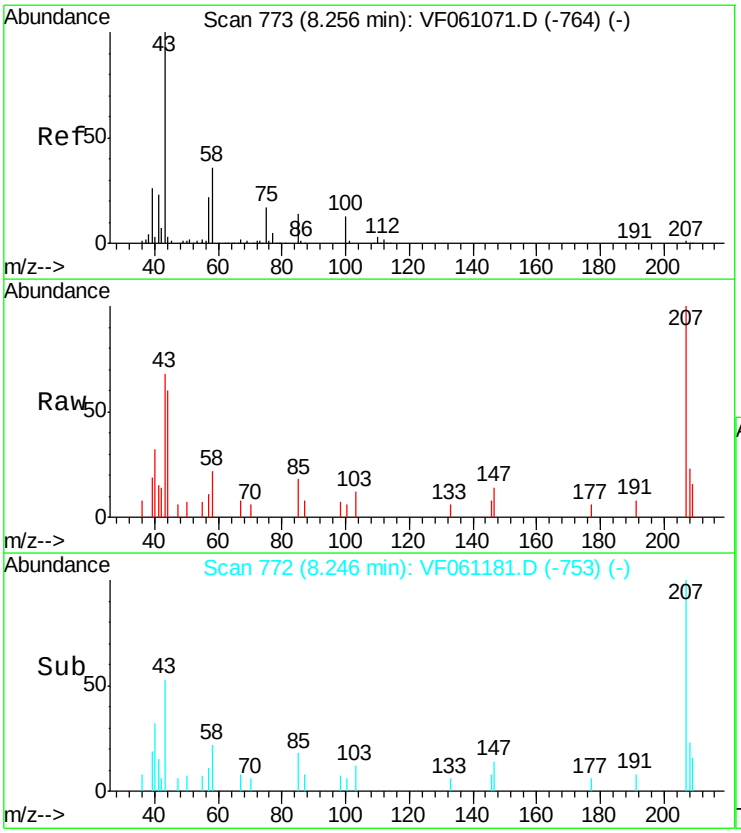
#50
Toluene-d8
Concen: 45.876 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument :
MSVOA_F
ClientSampleId :
VF1226SBL01

Tgt Ion: 98 Resp: 362229

Ion	Ratio	Lower	Upper
98	100		
100	72.6	55.3	82.9

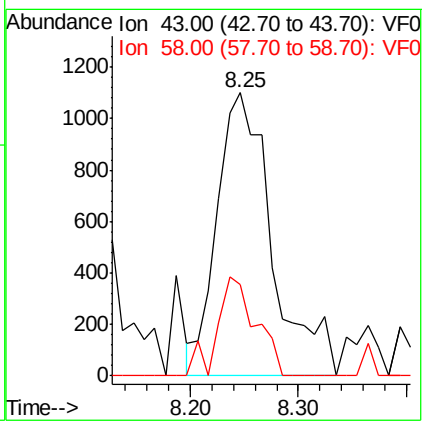


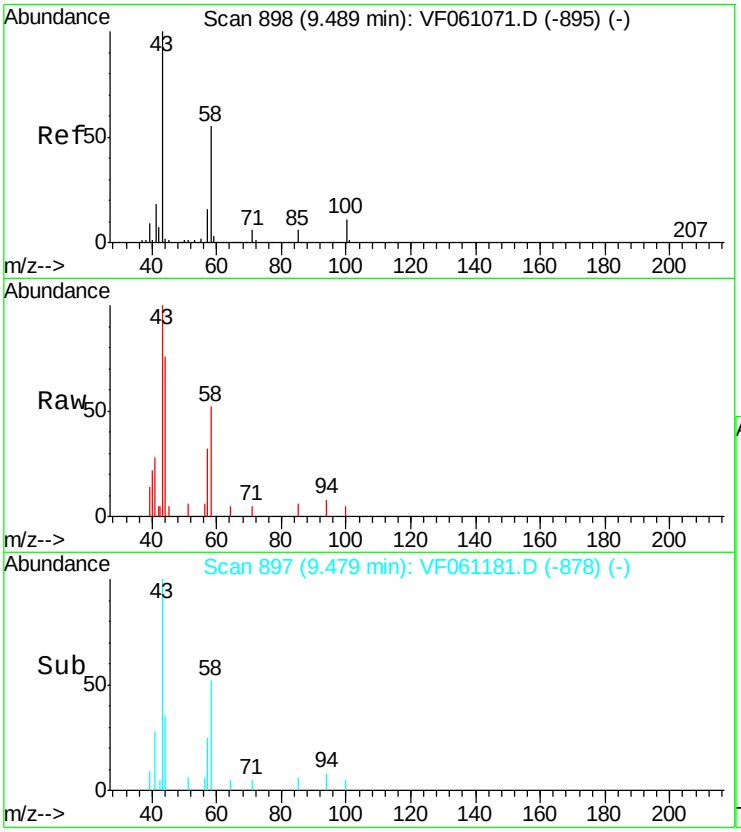


#51
4-Methyl-2-Pentanone
Concen: 2.803 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.01 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion: 43 Resp: 3897

Ion	Ratio	Lower	Upper
43	100		
58	32.3	29.1	43.7



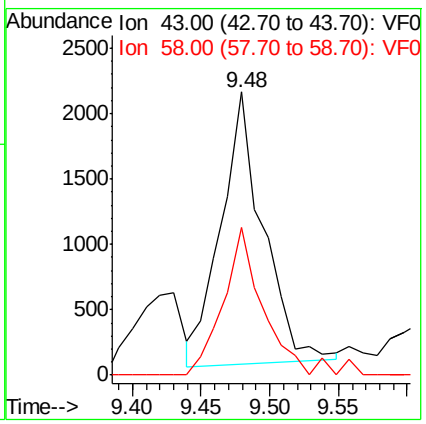


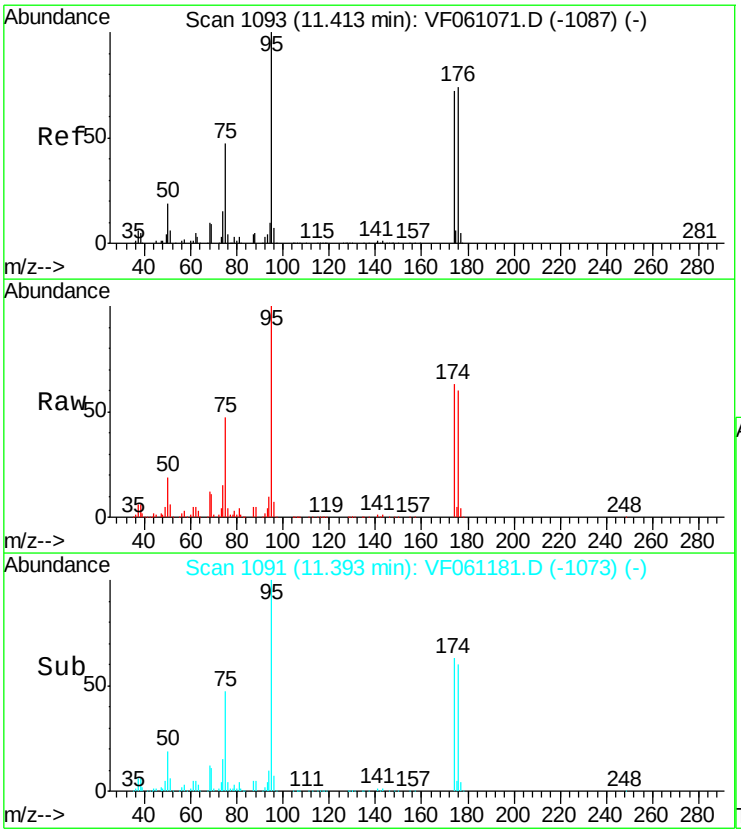
#59
2-Hexanone
Concen: 4.422 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.01 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument :
MSVOA_F
ClientSampleId :
VF1226SBL01

Tgt Ion: 43 Resp: 4446

Ion	Ratio	Lower	Upper
43	100		
58	52.2	25.1	75.2

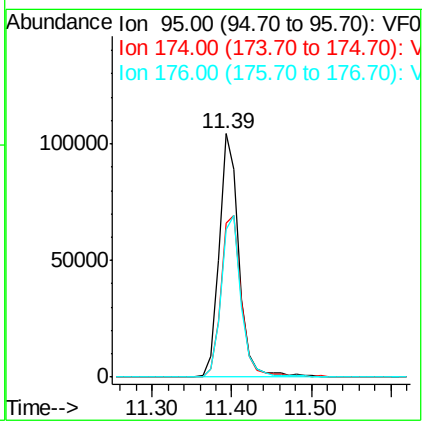


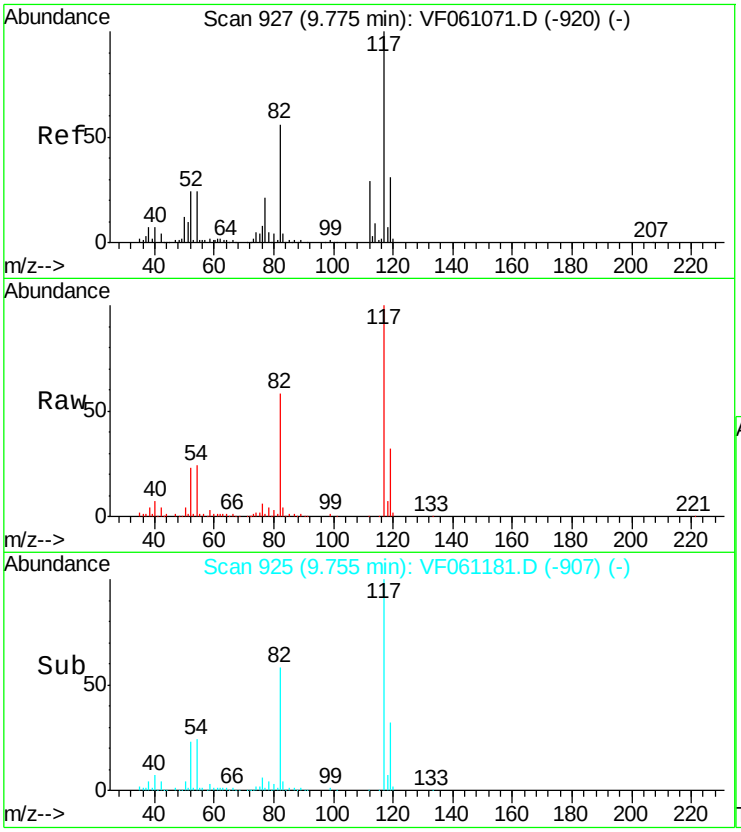


#62
4-Bromofluorobenzene
Concen: 50.303 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion: 95 Resp: 183109

Ion	Ratio	Lower	Upper
95	100		
174	63.0	0.0	143.8
176	60.4	0.0	147.6



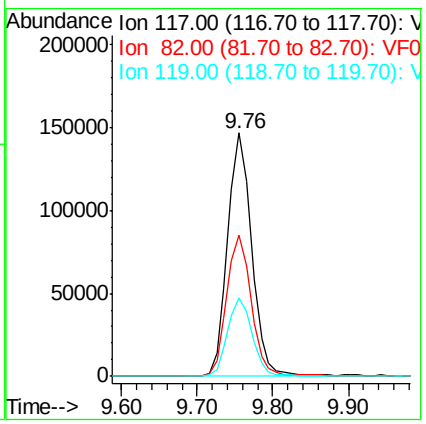


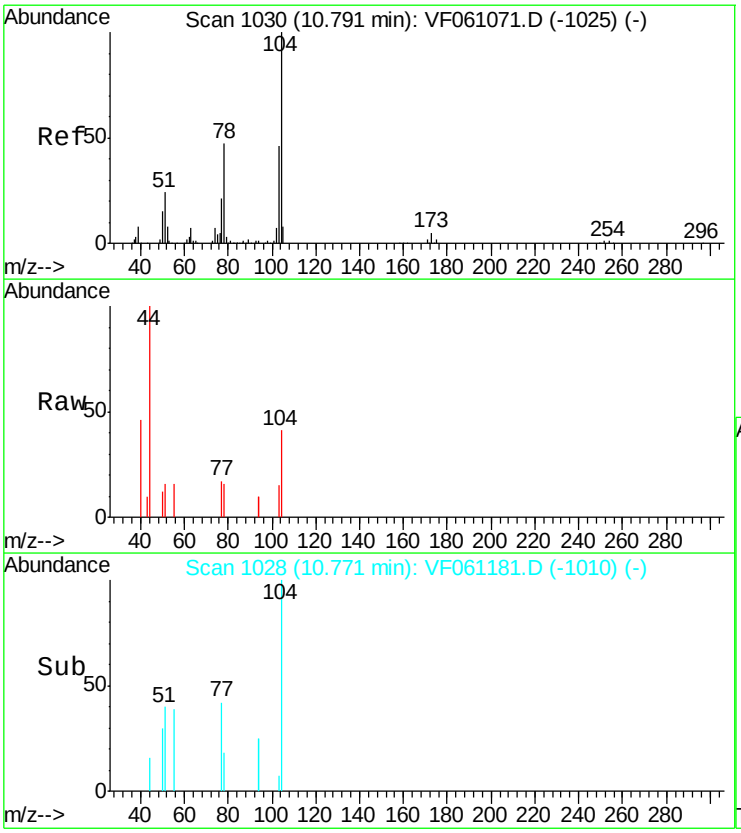
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument : MSVOA_F
ClientSampleId : VF1226SBL01

Tgt Ion:117 Resp: 324604

Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.0	67.4
119	32.1	24.8	37.2

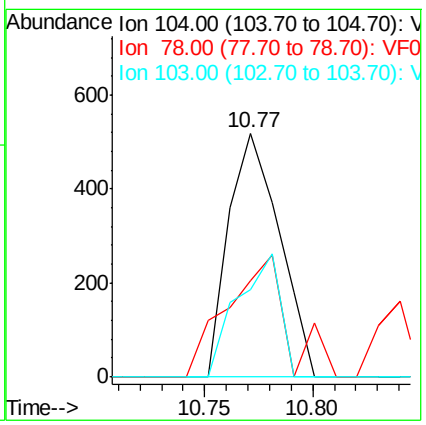


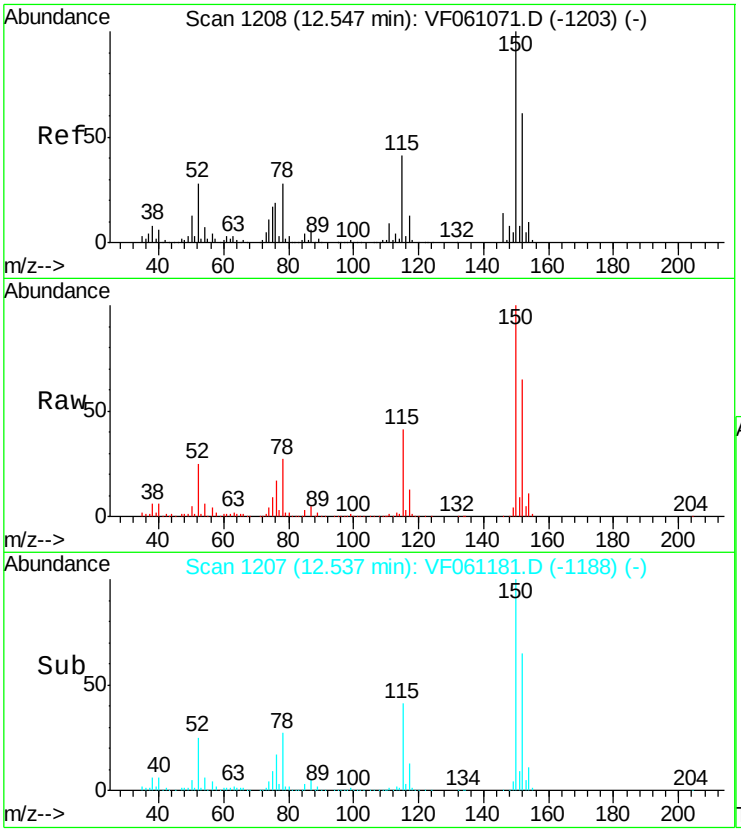


#70
Styrene
Concen: Below Cal
RT: 10.77 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion:104 Resp: 847

Ion	Ratio	Lower	Upper
104	100		
78	39.8	38.4	57.6
103	36.1	37.0	55.6#



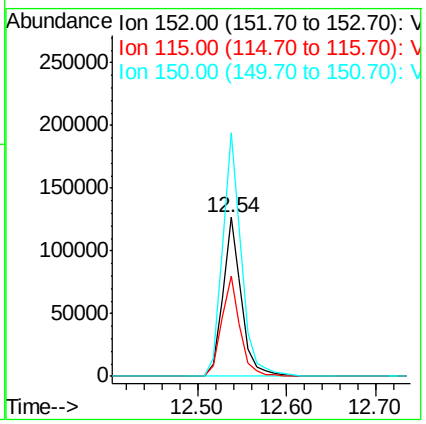


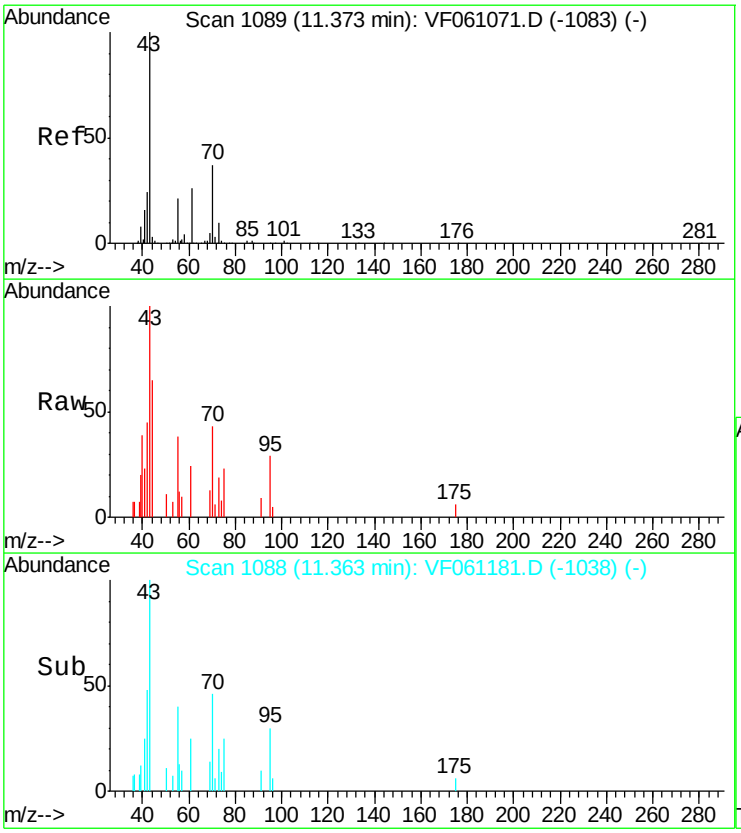
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument : MSVOA_F
ClientSampleId : VF1226SBL01

Tgt Ion:152 Resp: 186265

Ion	Ratio	Lower	Upper
152	100		
115	62.8	33.3	99.9
150	153.1	0.0	328.2

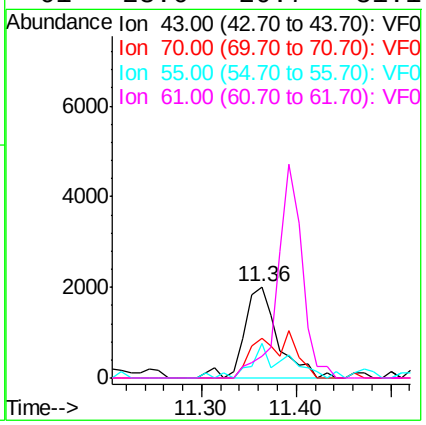


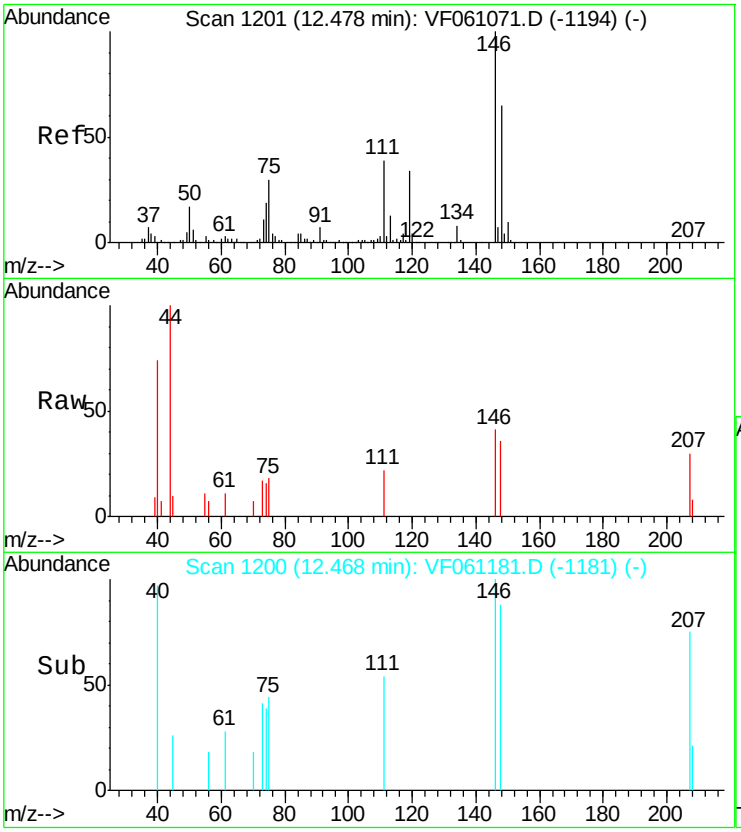


#74
N-amyl acetate
Concen: 1.389 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion: 43 Resp: 4950

Ion	Ratio	Lower	Upper
43	100		
70	43.5	29.2	43.8
55	37.8	16.5	24.7#
61	23.6	20.7	31.1



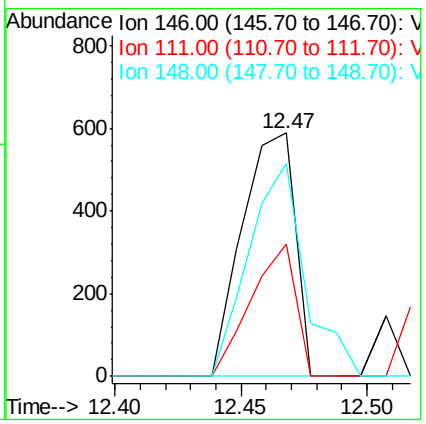


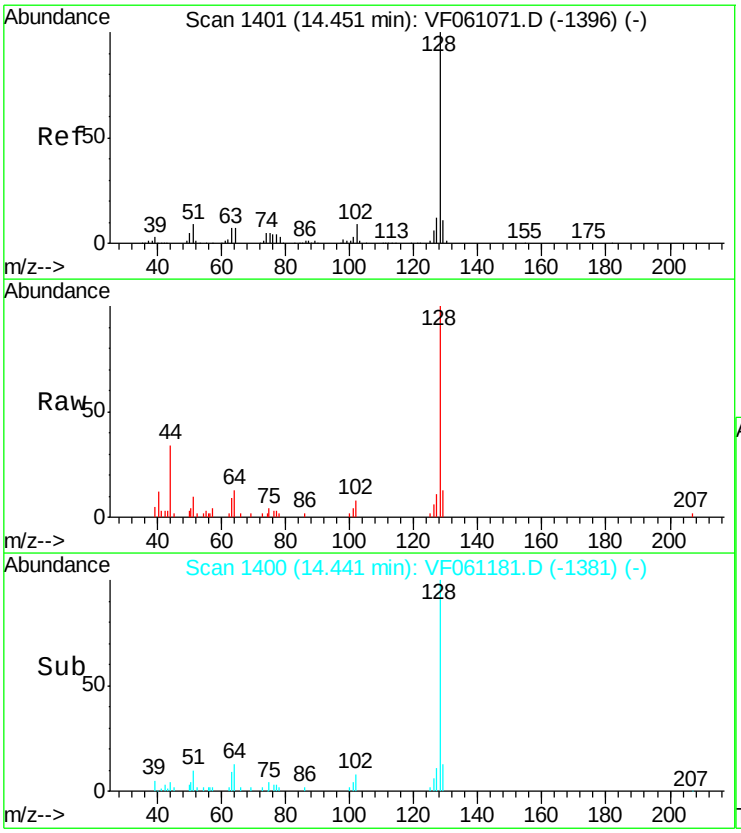
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.47 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Instrument : MSVOA_F
ClientSampleId : VF1226SBL01

Tgt Ion:146 Resp: 861

Ion	Ratio	Lower	Upper
146	100		
111	54.2	19.3	57.9
148	87.6	32.4	97.2





#95
Naphthalene
Concen: 1.154 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.01 min
Lab File: VF061181.D
Acq: 26 Dec 2018 11:40

Tgt Ion:128 Resp: 9233

Ion	Ratio	Lower	Upper
128	100		
127	11.1	9.4	14.2
129	13.3	8.8	13.2#