Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122718\
Data File : VF061203.D
Acq On : 27 Dec 2018 12:43
Operator : VA/AP
Sample : VF1227SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1227SBL01

Quant Time: Dec 27 13:47:01 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	4.84	168	197706	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	348130	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	311213	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	173626	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	144927	56.99	ug/l	-0.03
Spiked Amount 50.000			Recovery = 113.98%			
35) Dibromofluoromethane	4.08	113	164638	59.04	ug/l	-0.03
Spiked Amount 50.000			Recovery = 118.08%			
50) Toluene-d8	7.52	98	418297	52.93	ug/l	-0.03
Spiked Amount 50.000			Recovery = 105.86%			
62) 4-Bromofluorobenzene	11.39	95	205275	56.34	ug/l	-0.02
Spiked Amount 50.000			Recovery = 112.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.53	59	106	1.033	ug/l #	1
13) Acrolein	1.98	56	307	4.140	ug/l	92
15) Acrylonitrile	2.92	53	662	2.790	ug/l #	35
16) Acetone	2.22	43	5074	9.981	ug/l	96
18) Methyl Acetate	2.37	43	2782	2.645	ug/l	95
20) Methylene Chloride	2.23	84	3270	Below Cal		96
25) 2-Butanone	4.32	43	1789	2.170	ug/l #	57
29) Tetrahydrofuran	4.05	42	997	2.971	ug/l #	53
51) 4-Methyl-2-Pentanone	8.23	43	3268	2.348	ug/l	97
59) 2-Hexanone	9.48	43	4347	4.320	ug/l	85
70) Styrene	10.76	104	977	Below Cal #		88
74) N-amyl acetate	11.36	43	4246	1.278	ug/l #	67
78) n-propylbenzene	11.58	91	2781	Below Cal		96
87) 1,3-Dichlorobenzene	12.45	146	1571	Below Cal #		67
95) Naphthalene	14.44	128	8872	1.190	ug/l	96

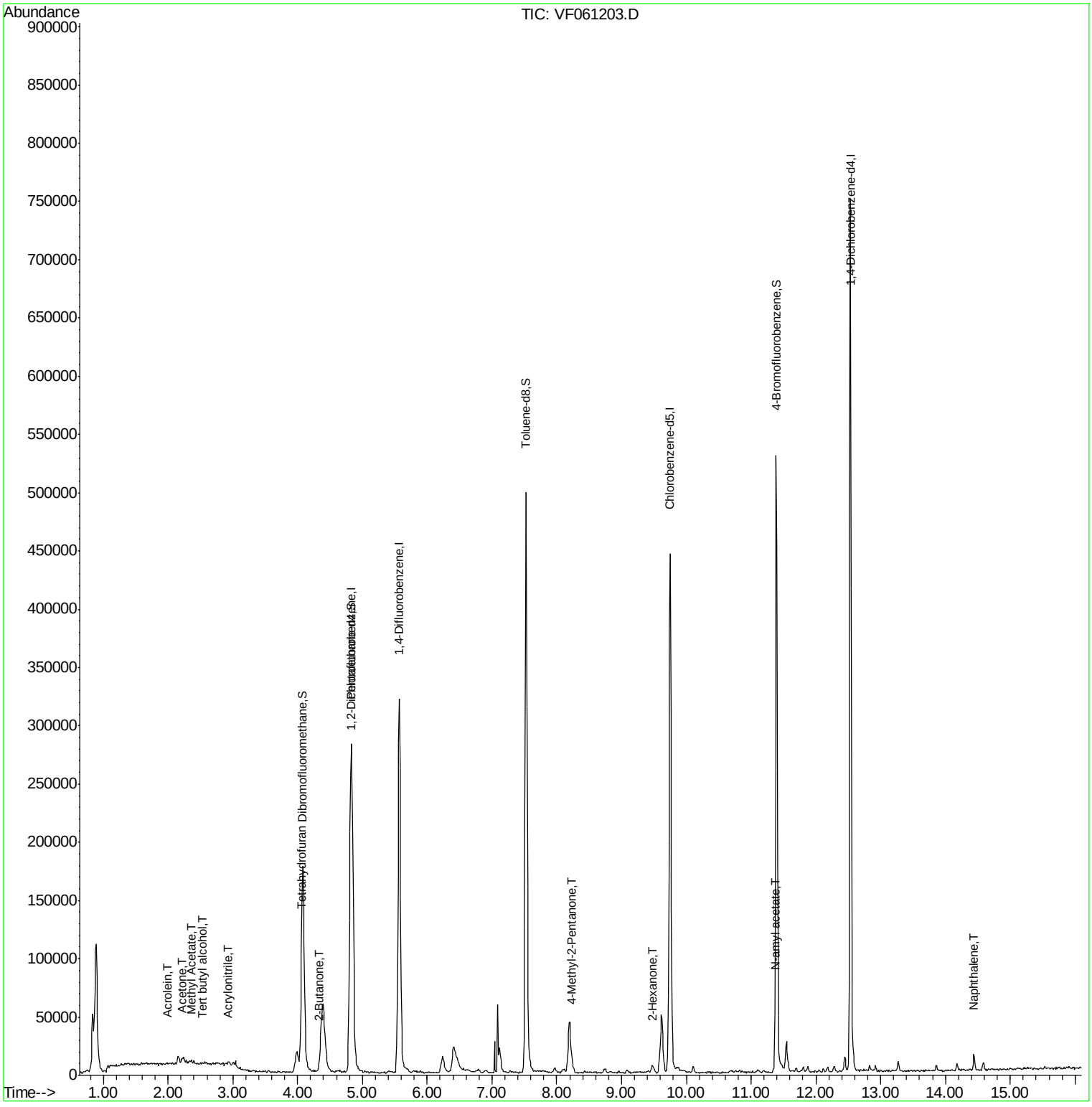
(#) = qualifier out of range (m) = manual integration (+) = signals summed

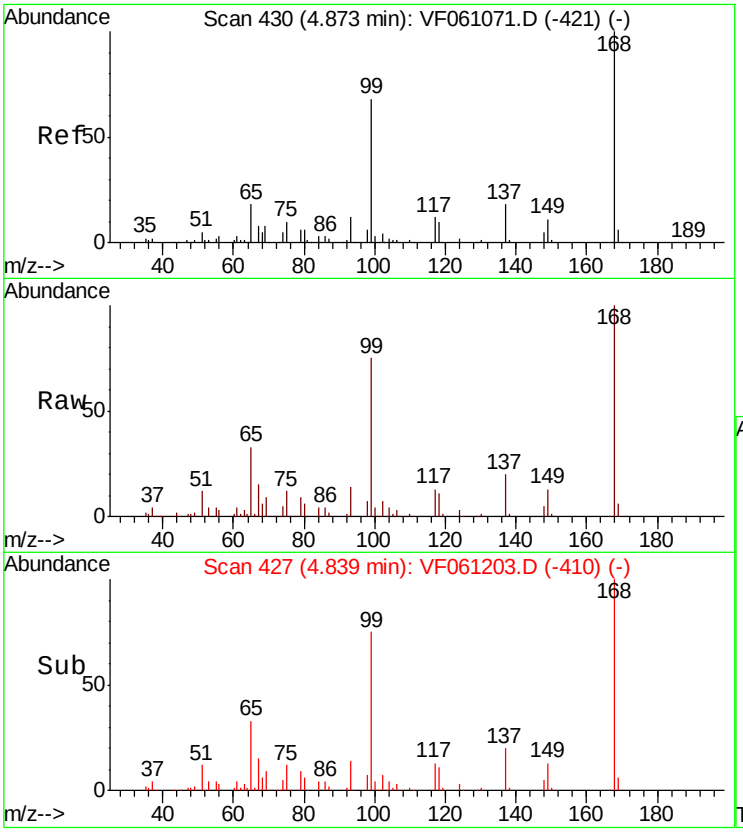
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
Data File : VF061203.D
Acq On : 27 Dec 2018 12:43
Operator : VA/AP
Sample : VF1227SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1227SBL01

Quant Time: Dec 27 13:47:01 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



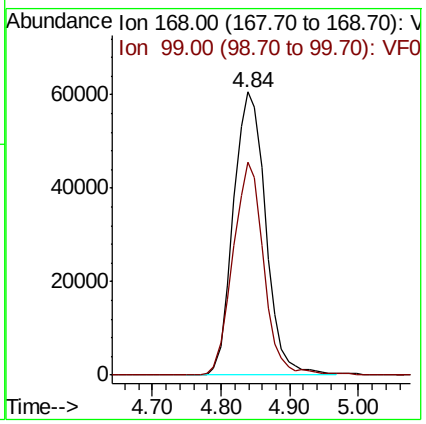


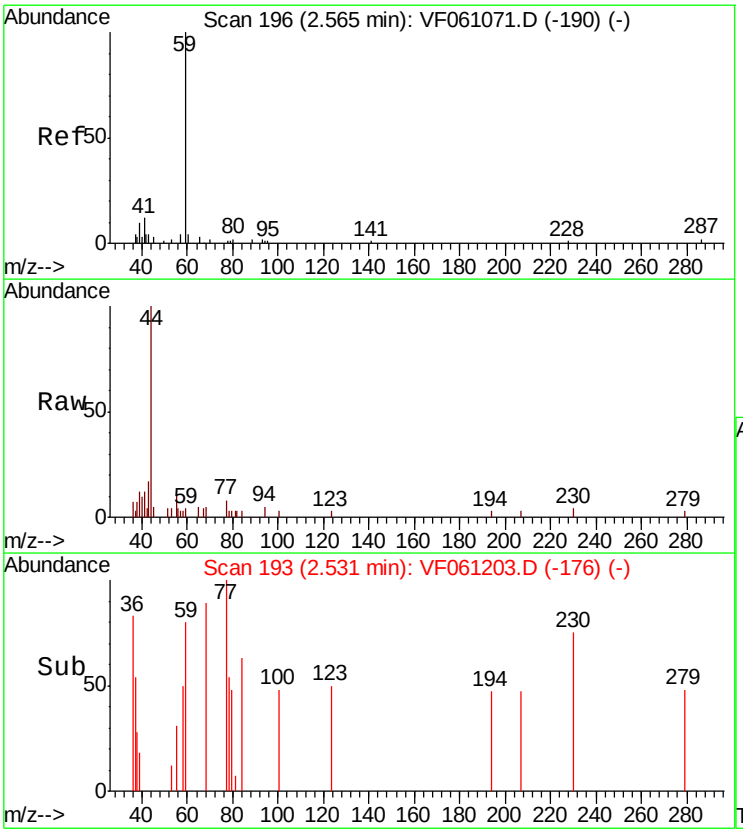
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.03 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument :
MSVOA_F
ClientSampleId :
VF1227SBL01

Tgt Ion:168 Resp: 197706

Ion	Ratio	Lower	Upper
168	100		
99	75.1	54.4	81.6

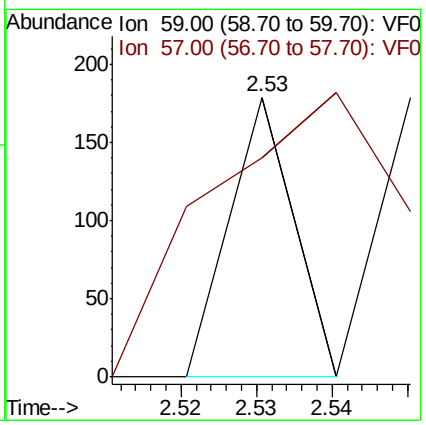


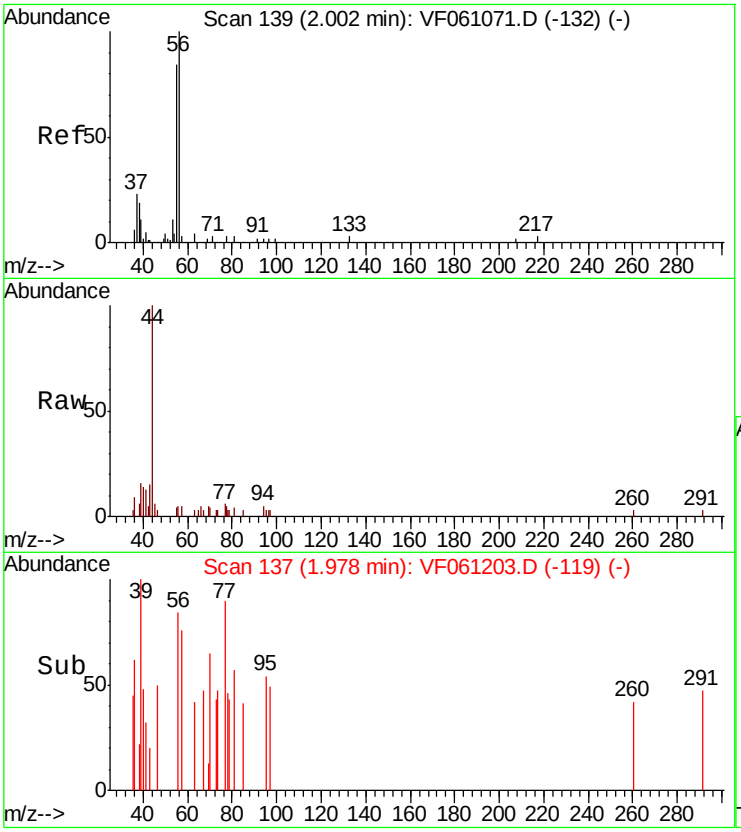


#11
Tert butyl alcohol
Concen: 1.033 ug/l
RT: 2.53 min Scan# 193
Delta R.T. -0.03 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion: 59 Resp: 106

Ion	Ratio	Lower	Upper
59	100		
57	78.2	11.5	17.3#



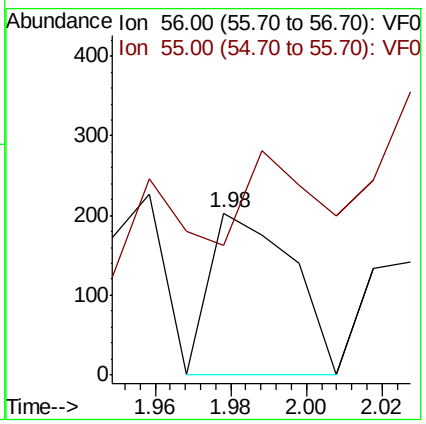


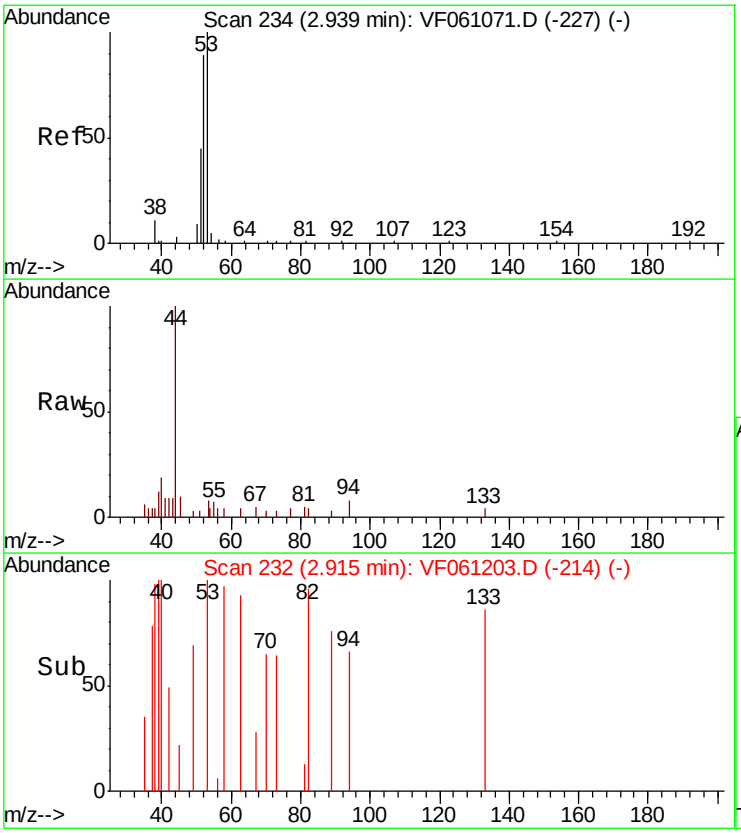
#13
Acrolein
Concen: 4.140 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument :
MSVOA_F
ClientSampleId :
VF1227SBL01

Tgt Ion: 56 Resp: 307

Ion	Ratio	Lower	Upper
56	100		
55	80.3	70.2	105.2

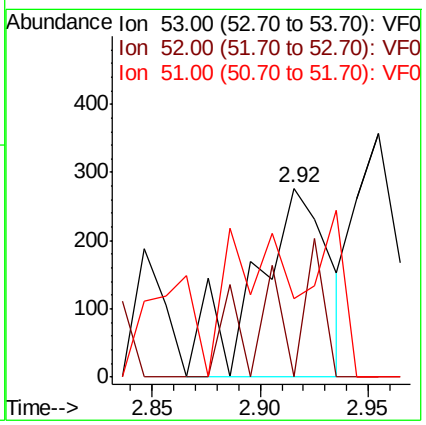


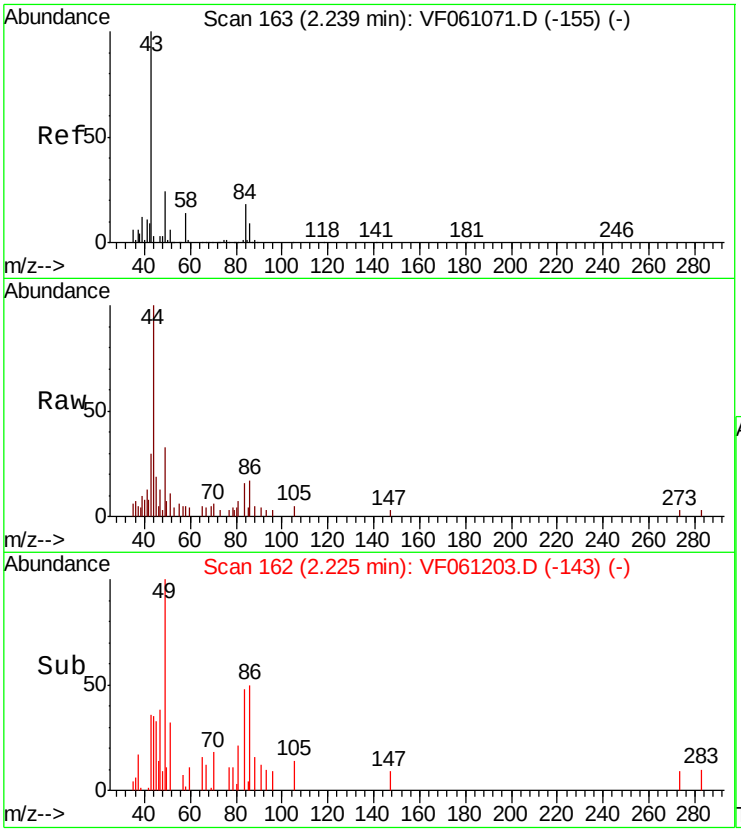


#15
Acrylonitrile
Concen: 2.790 ug/l
RT: 2.92 min Scan# 232
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion: 53 Resp: 662

Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	41.2	36.8	55.2



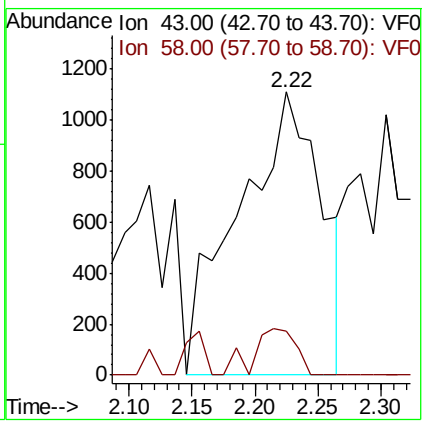


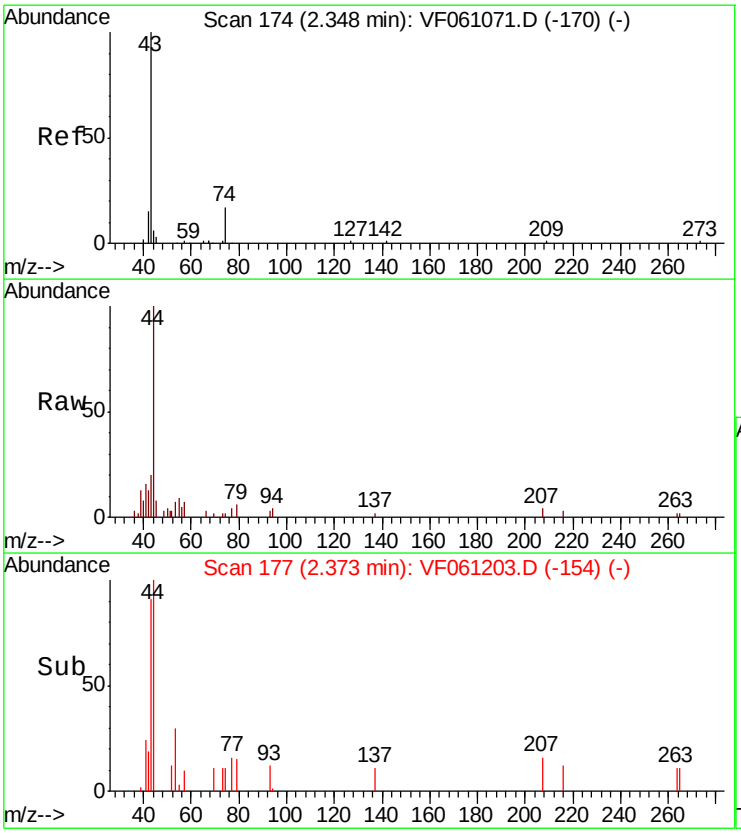
#16
Acetone
Concen: 9.981 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument : MSVOA_F
ClientSampleId : VF1227SBL01

Tgt Ion: 43 Resp: 5074

Ion	Ratio	Lower	Upper
43	100		
58	15.4	11.1	16.7

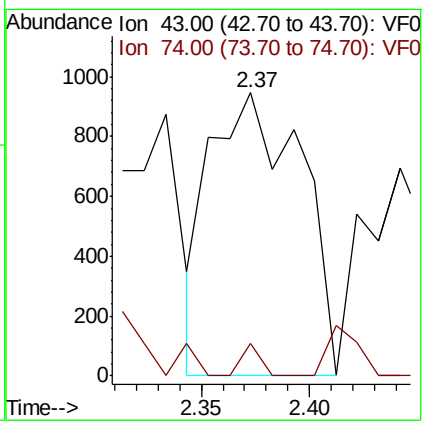


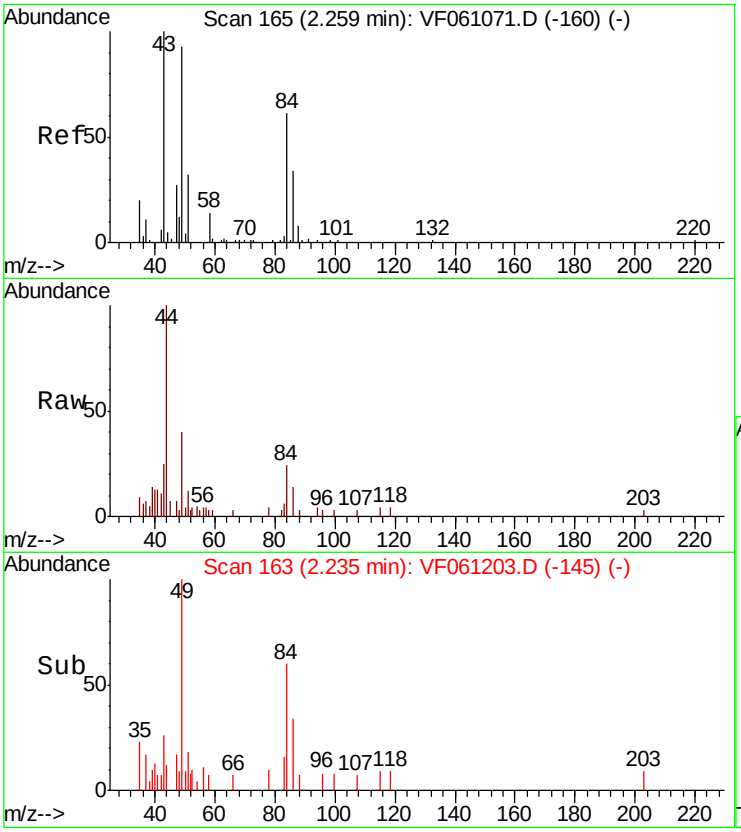


#18
Methyl Acetate
Concen: 2.645 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion: 43 Resp: 2782

Ion	Ratio	Lower	Upper
43	100		
74	11.7	11.0	16.6



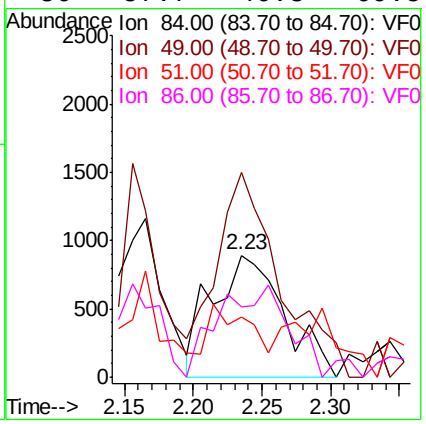


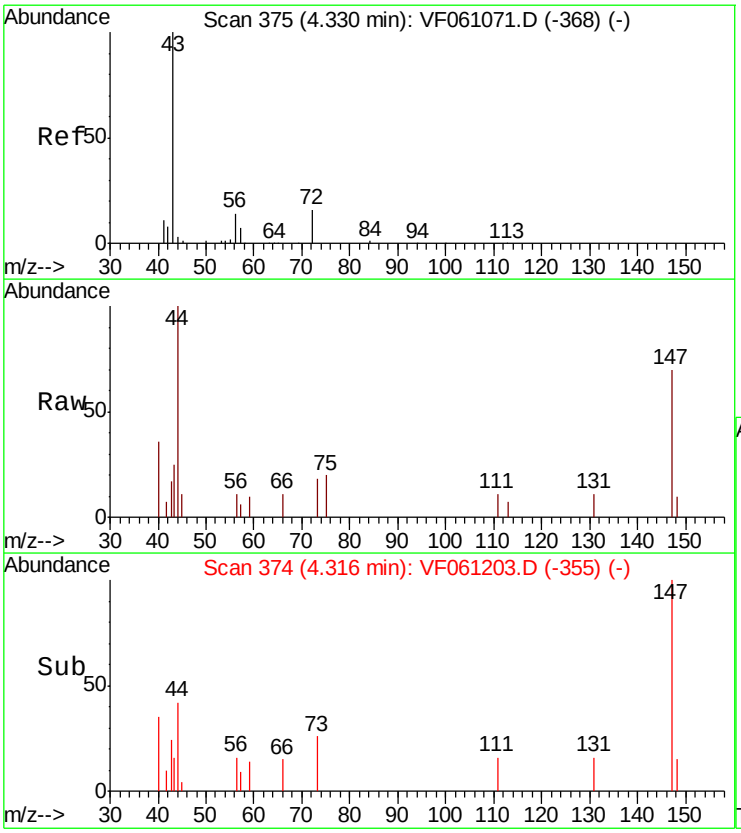
#20
Methylene Chloride
Concen: Below Cal
RT: 2.23 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument : MSVOA_F
ClientSampleId : VF1227SBL01

Tgt Ion: 84 Resp: 3270

Ion	Ratio	Lower	Upper
84	100		
49	167.3	129.4	194.2
51	49.8	44.0	66.0
86	57.7	46.3	69.5

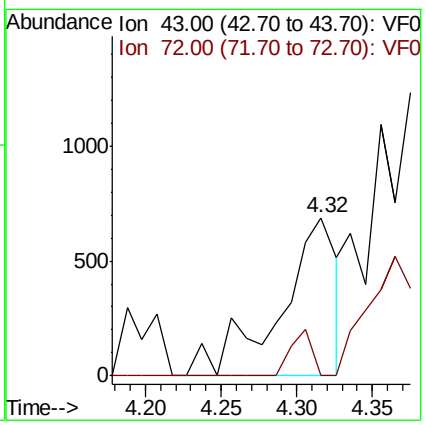


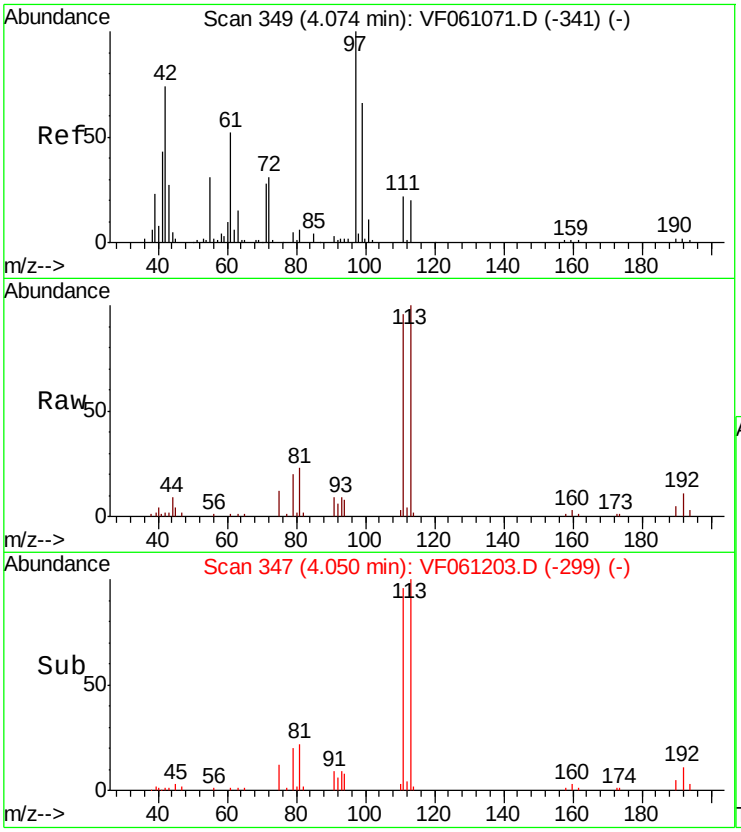


#25
2-Butanone
Concen: 2.170 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.01 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion: 43 Resp: 1789

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#



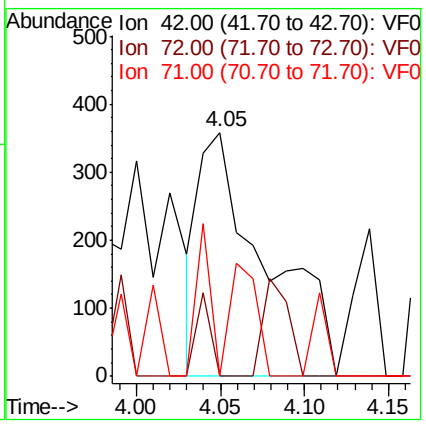


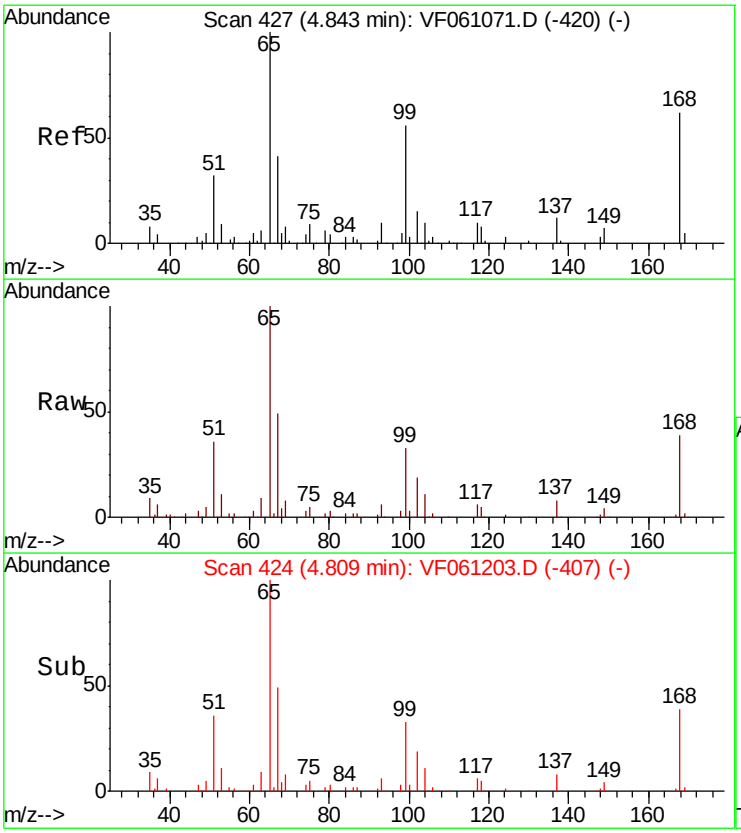
#29
Tetrahydrofuran
Concen: 2.971 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument : MSVOA_F
ClientSampleId : VF1227SBL01

Tgt Ion: 42 Resp: 997

Ion	Ratio	Lower	Upper
42	100		
72	7.2	31.8	47.8#
71	13.3	29.7	44.5#

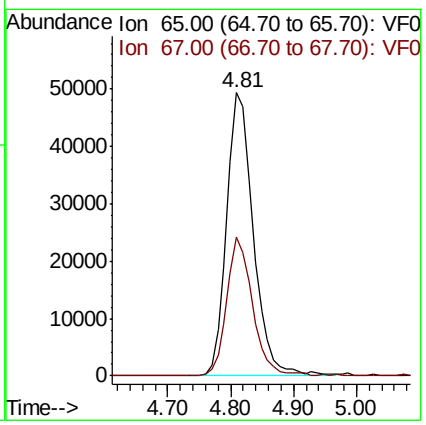


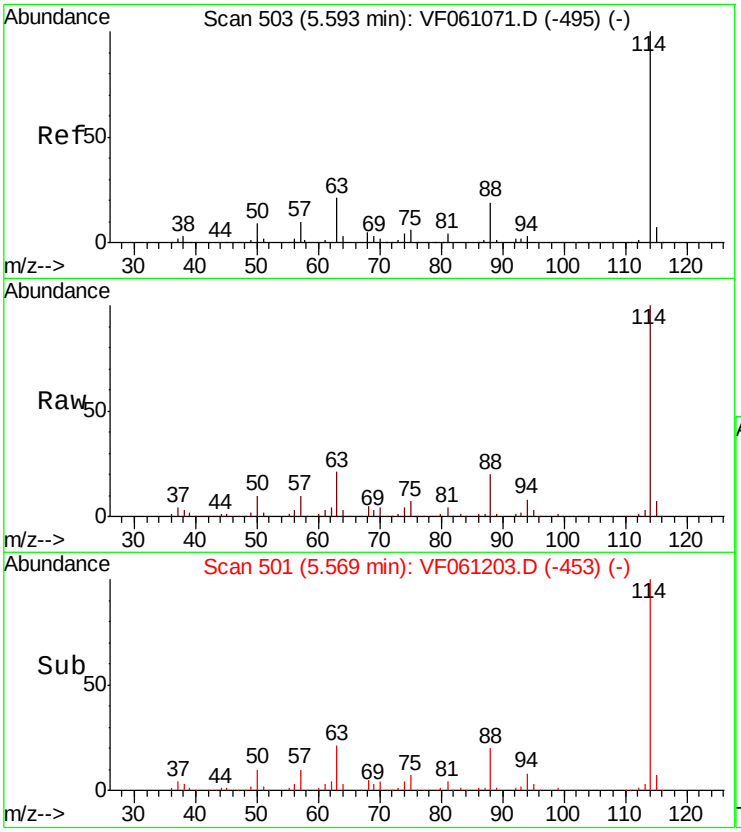


#33
1,2-Dichloroethane-d4
Concen: 56.994 ug/l
RT: 4.81 min Scan# 424
Delta R.T. -0.03 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion: 65 Resp: 144927

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	94.6



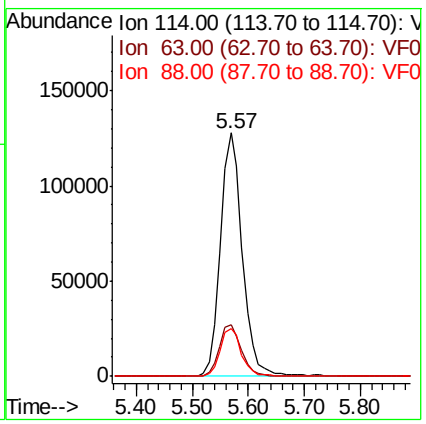


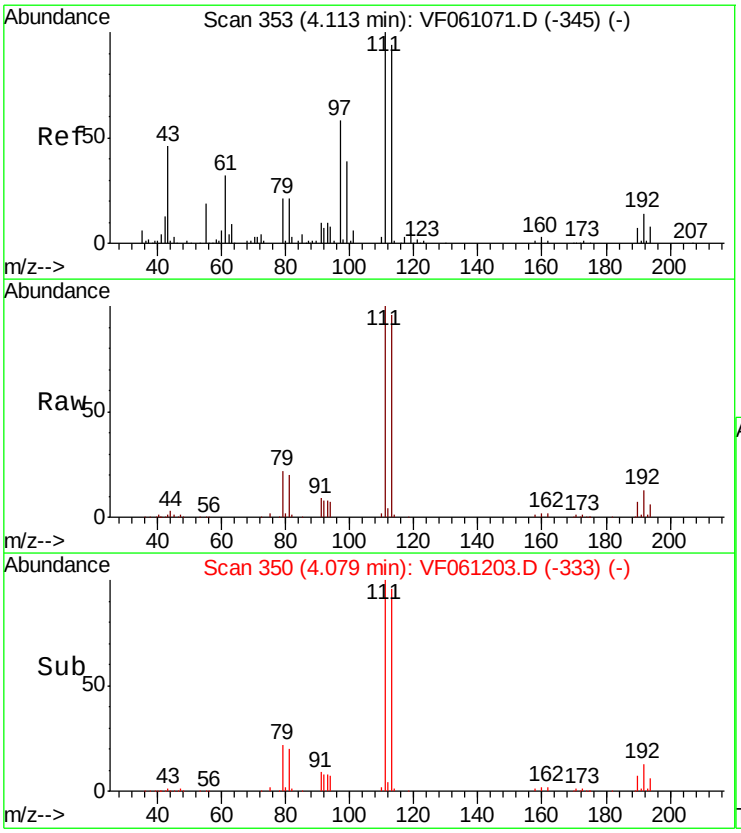
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument : MSVOA_F
ClientSampleId : VF1227SBL01

Tgt Ion:114 Resp: 348130

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	19.7	0.0	38.0

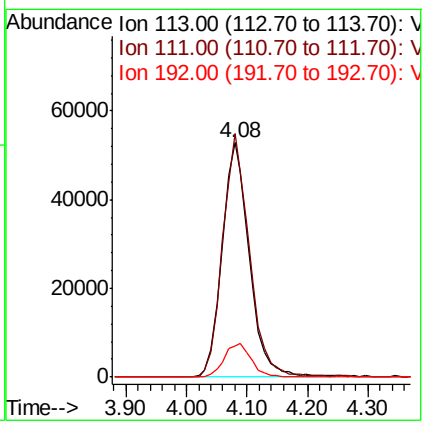


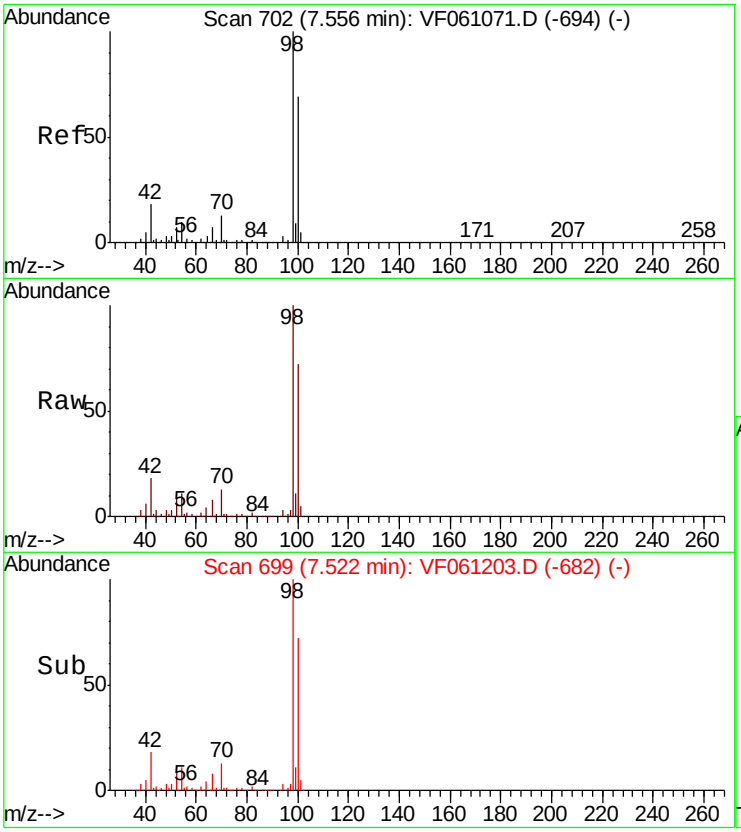


#35
Dibromofluoromethane
Concen: 59.037 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion:113 Resp: 164638

Ion	Ratio	Lower	Upper
113	100		
111	104.0	85.2	127.8
192	13.4	12.8	19.2



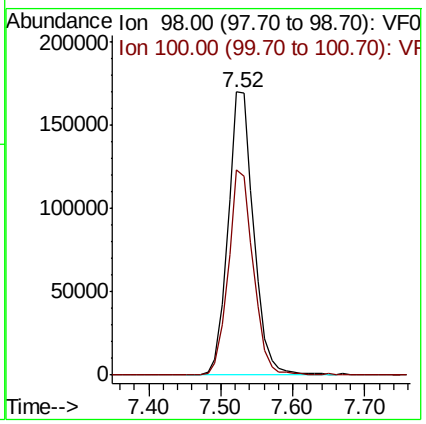


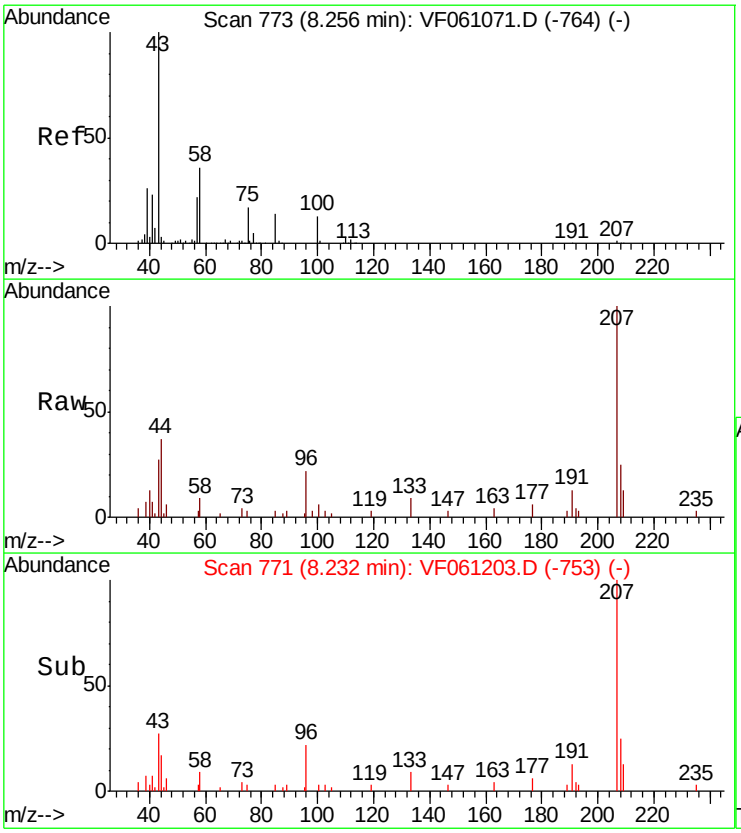
#50
Toluene-d8
Concen: 52.930 ug/l
RT: 7.52 min Scan# 699
Delta R.T. -0.03 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument :
MSVOA_F
ClientSampleId :
VF1227SBL01

Tgt Ion: 98 Resp: 418297

Ion	Ratio	Lower	Upper
98	100		
100	72.5	55.3	82.9

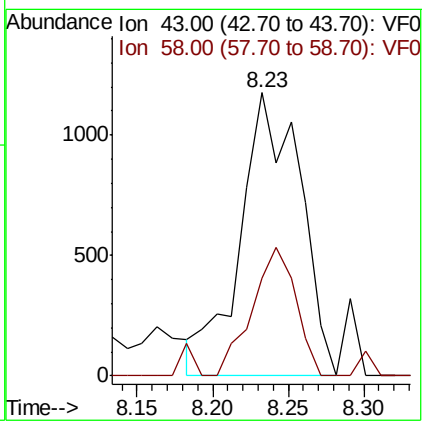


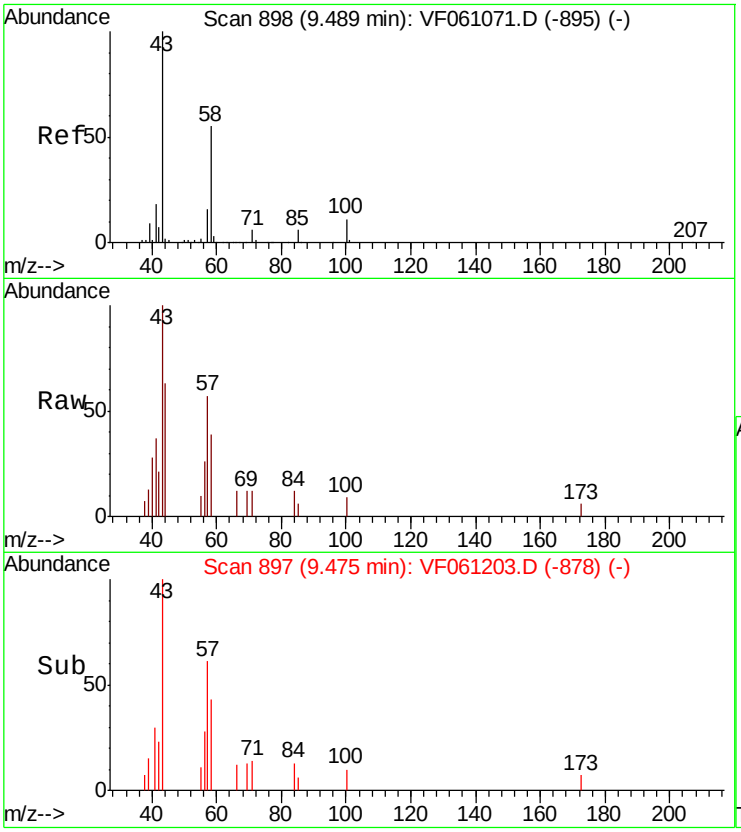


#51
4-Methyl-2-Pentanone
Concen: 2.348 ug/l
RT: 8.23 min Scan# 771
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion: 43 Resp: 3268

Ion	Ratio	Lower	Upper
43	100		
58	34.6	29.1	43.7



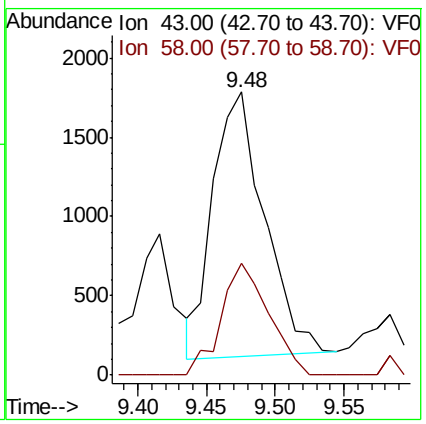


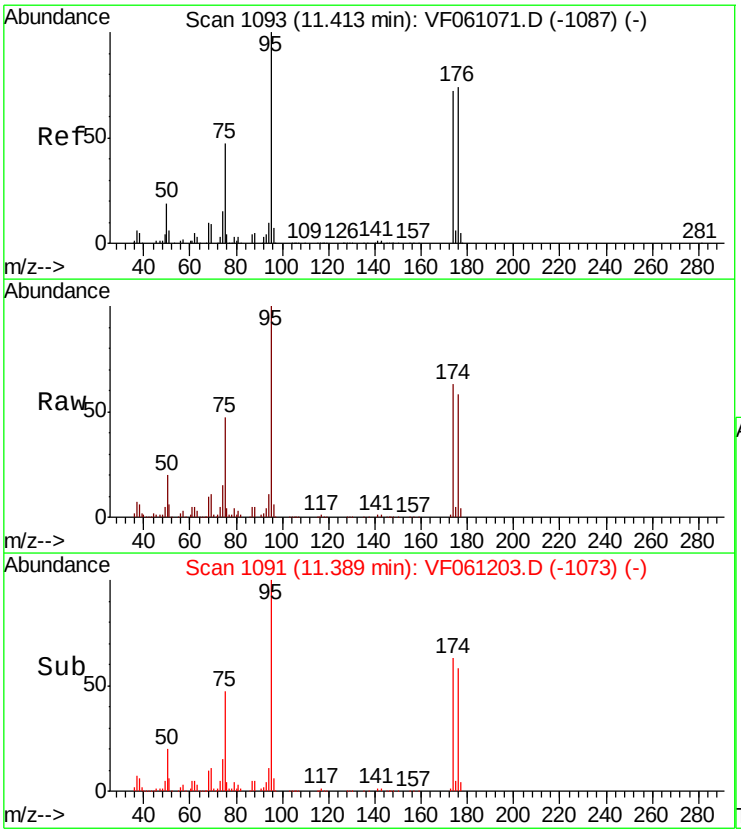
#59
2-Hexanone
Concen: 4.320 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.01 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument :
MSVOA_F
ClientSampleId :
VF1227SBL01

Tgt Ion: 43 Resp: 4347

Ion	Ratio	Lower	Upper
43	100		
58	39.4	25.1	75.2

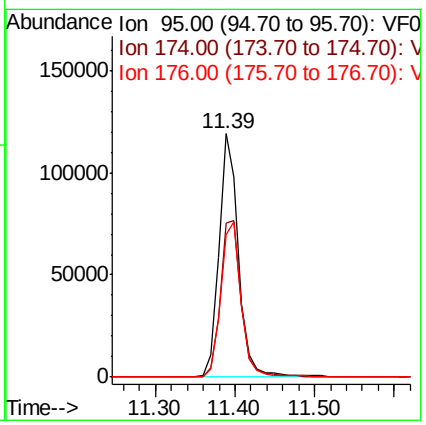


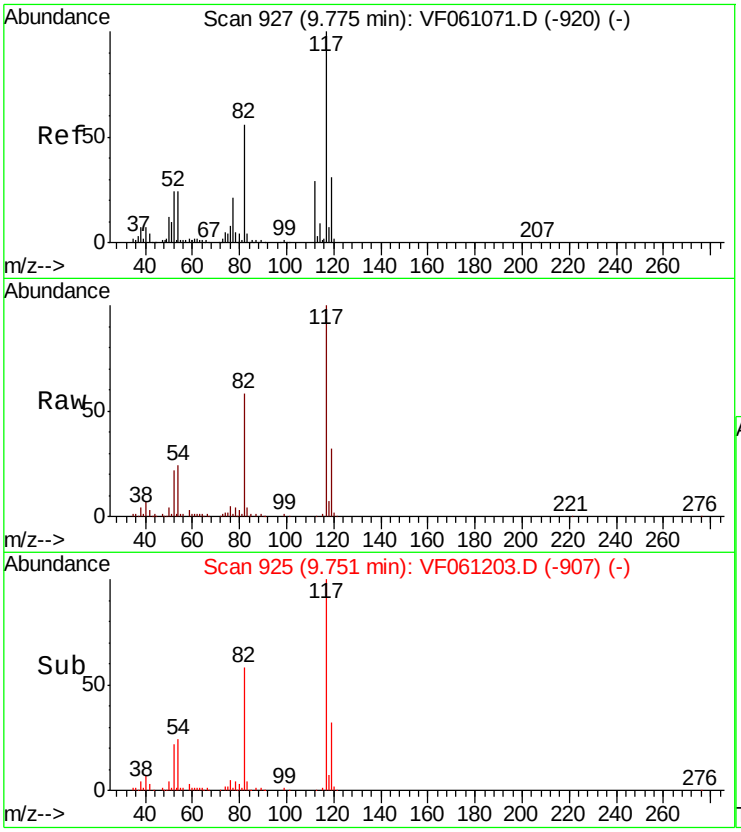


#62
4-Bromofluorobenzene
Concen: 56.342 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion: 95 Resp: 205275

Ion	Ratio	Lower	Upper
95	100		
174	63.3	0.0	143.8
176	58.3	0.0	147.6



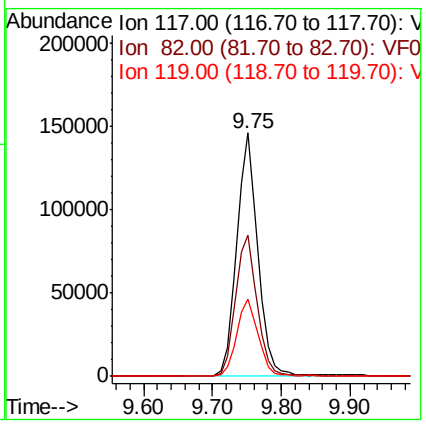


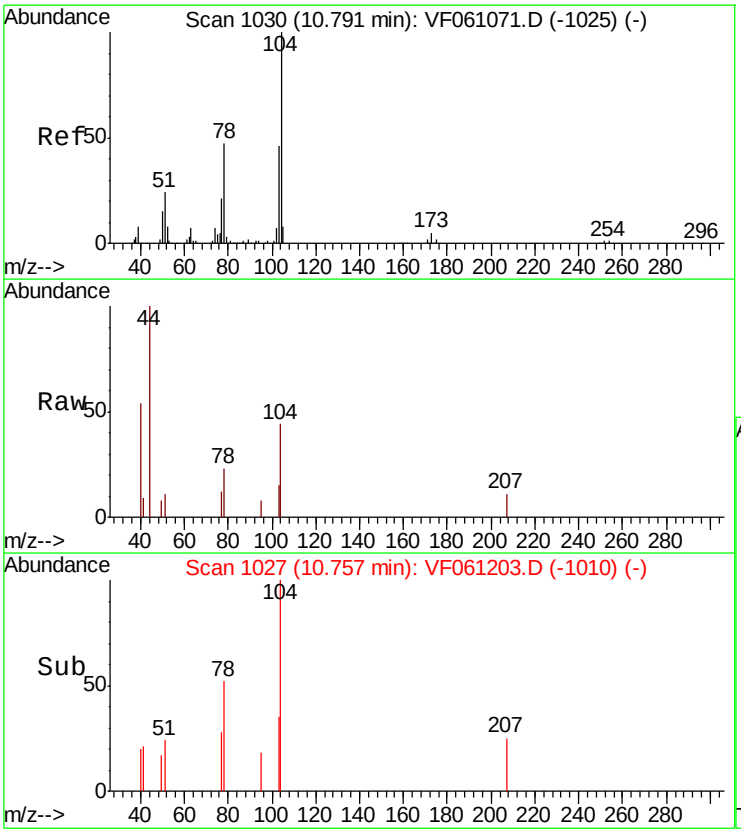
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument : MSVOA_F
ClientSampleId : VF1227SBL01

Tgt Ion:117 Resp: 311213

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.0	67.4
119	31.7	24.8	37.2

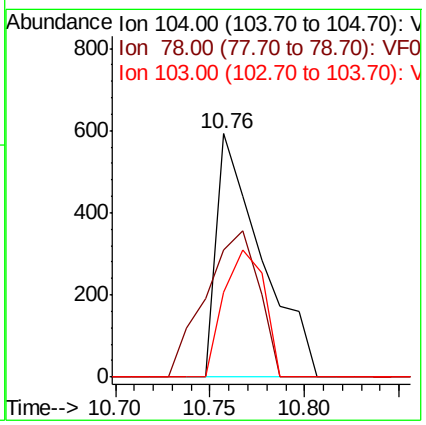


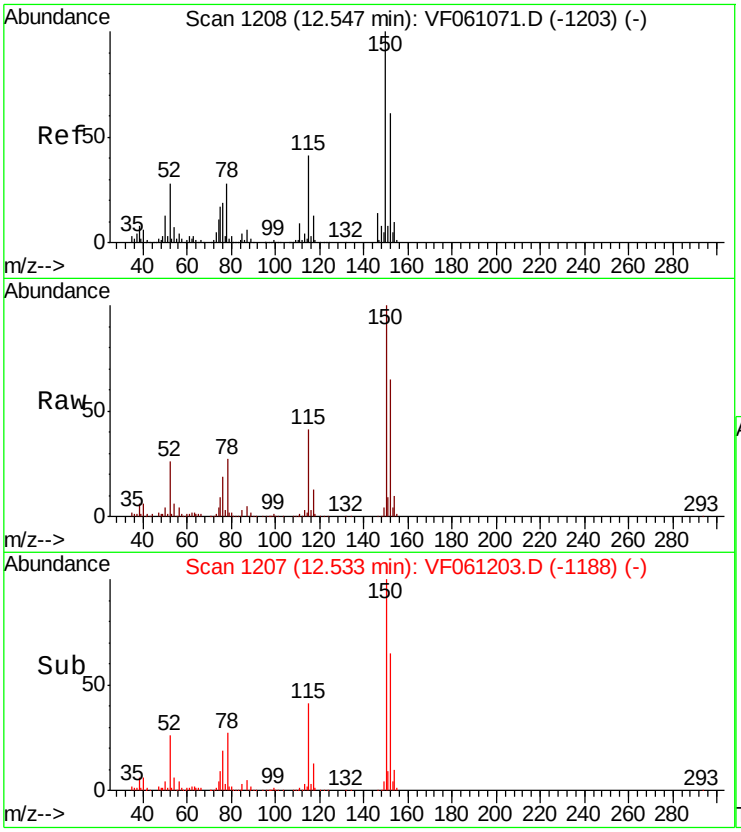


#70
Styrene
Concen: Below Cal
RT: 10.76 min Scan# 1027
Delta R.T. -0.03 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion:104 Resp: 977

Ion	Ratio	Lower	Upper
104	100		
78	52.1	38.4	57.6
103	34.9	37.0	55.6#



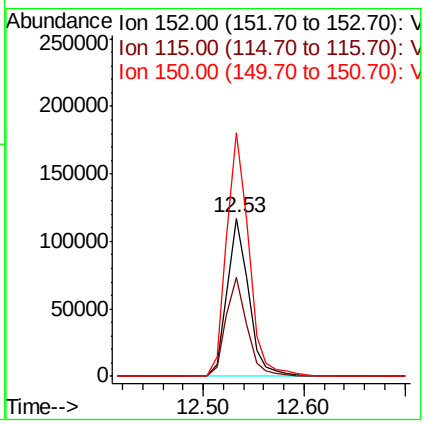


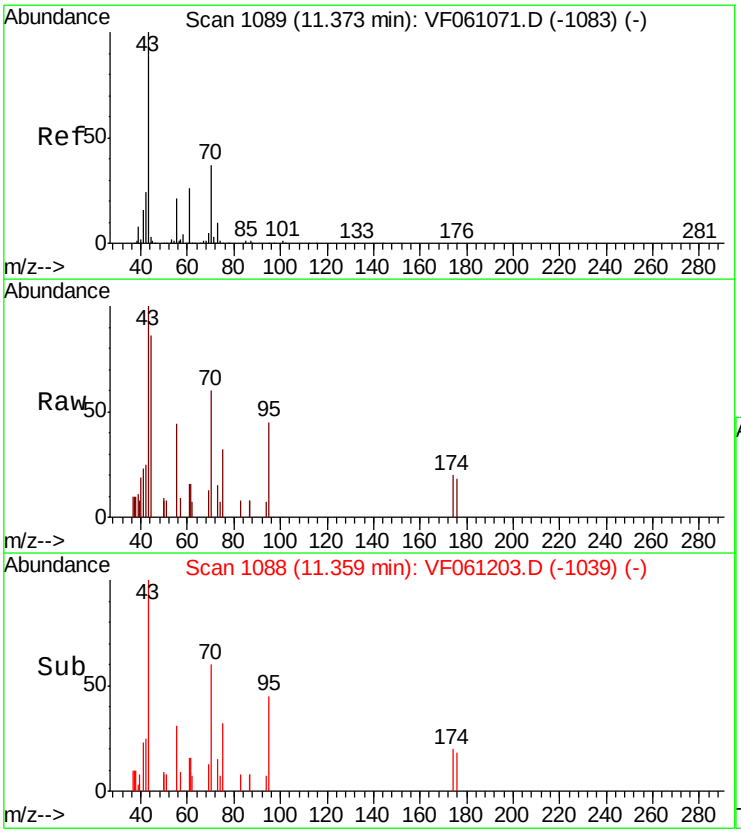
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument : MSVOA_F
ClientSampleId : VF1227SBL01

Tgt Ion:152 Resp: 173626

Ion	Ratio	Lower	Upper
152	100		
115	62.5	33.3	99.9
150	153.8	0.0	328.2

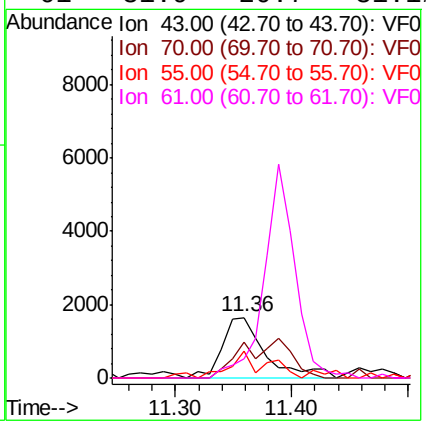


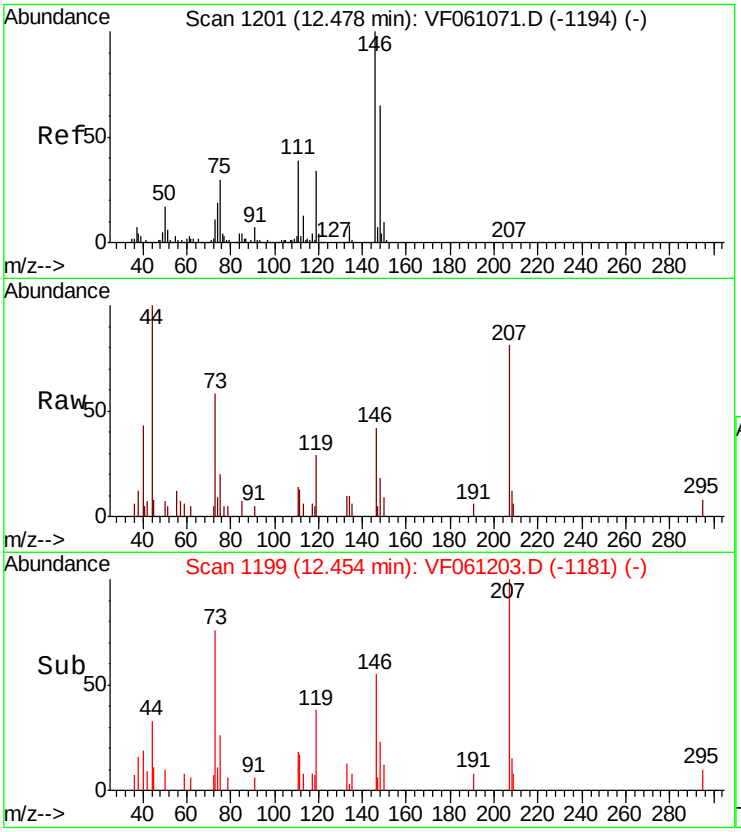


#74
N-amyl acetate
Concen: 1.278 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion: 43 Resp: 4246

Ion	Ratio	Lower	Upper
43	100		
70	59.5	29.2	43.8#
55	44.0	16.5	24.7#
61	31.9	20.7	31.1#



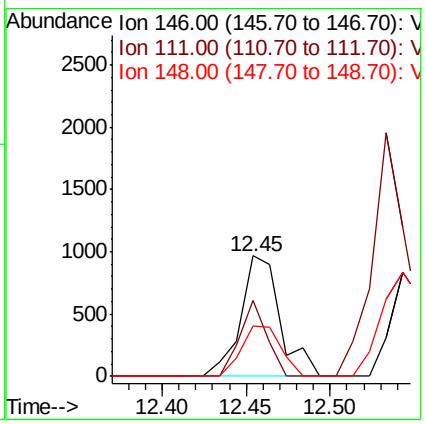


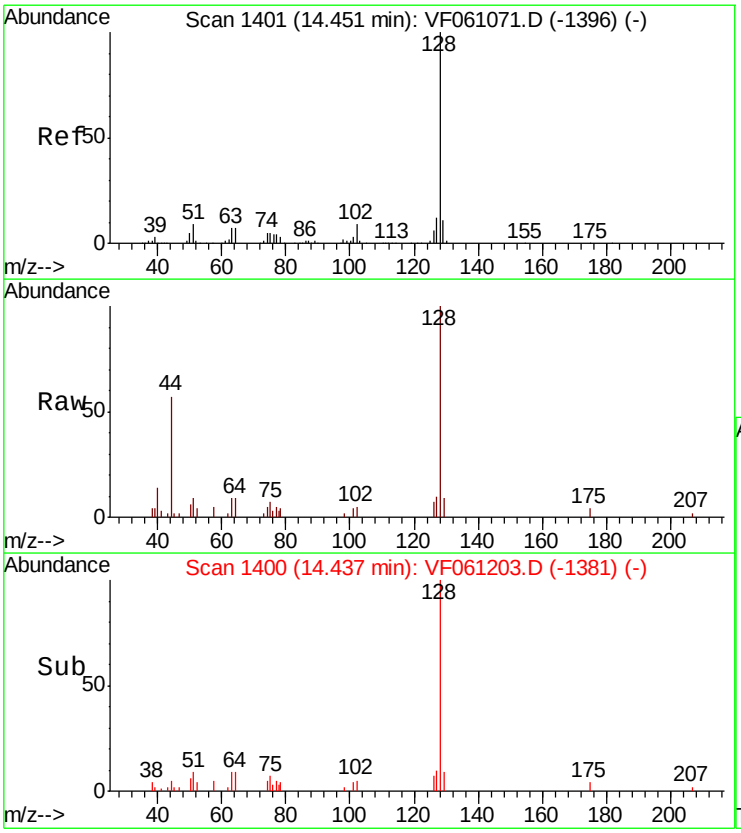
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.45 min Scan# 1199
Delta R.T. -0.02 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Instrument : MSVOA_F
ClientSampleId : VF1227SBL01

Tgt Ion:146 Resp: 1571

Ion	Ratio	Lower	Upper
146	100		
111	62.9	19.3	57.9#
148	42.1	32.4	97.2





#95
Naphthalene
Concen: 1.190 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.01 min
Lab File: VF061203.D
Acq: 27 Dec 2018 12:43

Tgt Ion:128 Resp: 8872

Ion	Ratio	Lower	Upper
128	100		
127	10.4	9.4	14.2
129	9.0	8.8	13.2