Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061141.D
Acq On : 22 Dec 2018 13:29
Operator : VA/AP
Sample : VF1222SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Quant Time: Dec 24 02:55:18 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	4.90	168	230250	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.62	114	399662	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.80	117	372532	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.57	152	204208	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	147444	49.79	ug/l	0.03
Spiked Amount 50.000			Recovery = 99.58%			
35) Dibromofluoromethane	4.14	113	167826	52.42	ug/l	0.03
Spiked Amount 50.000			Recovery = 104.84%			
50) Toluene-d8	7.58	98	438270	48.31	ug/l	0.03
Spiked Amount 50.000			Recovery = 96.62%			
62) 4-Bromofluorobenzene	11.43	95	209370	50.06	ug/l	0.02
Spiked Amount 50.000			Recovery = 100.12%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.57	59	224	1.874	ug/l #	36
13) Acrolein	1.99	56	608	7.041	ug/l	90
15) Acrylonitrile	2.95	53	1126	4.075	ug/l #	54
16) Acetone	2.18	43	795	1.343	ug/l	97
18) Methyl Acetate	2.38	43	1843	1.505	ug/l	99
20) Methylene Chloride	2.27	84	4141	Below Cal	#	75
25) 2-Butanone	4.37	43	2523	2.628	ug/l #	65
29) Tetrahydrofuran	4.12	42	1320	3.378	ug/l #	47
49) 1,4-Dioxane	6.39	88	63	5.339	ug/l #	1
51) 4-Methyl-2-Pentanone	8.29	43	4779	2.991	ug/l #	67
59) 2-Hexanone	9.52	43	4421	3.827	ug/l	89
70) Styrene	10.82	104	1267	Below Cal	#	87
74) N-amyl acetate	11.39	43	6160	1.577	ug/l #	89
78) n-propylbenzene	11.62	91	2414	Below Cal		94
87) 1,3-Dichlorobenzene	12.49	146	1338	Below Cal	#	83
95) Naphthalene	14.48	128	10138	1.156	ug/l	98

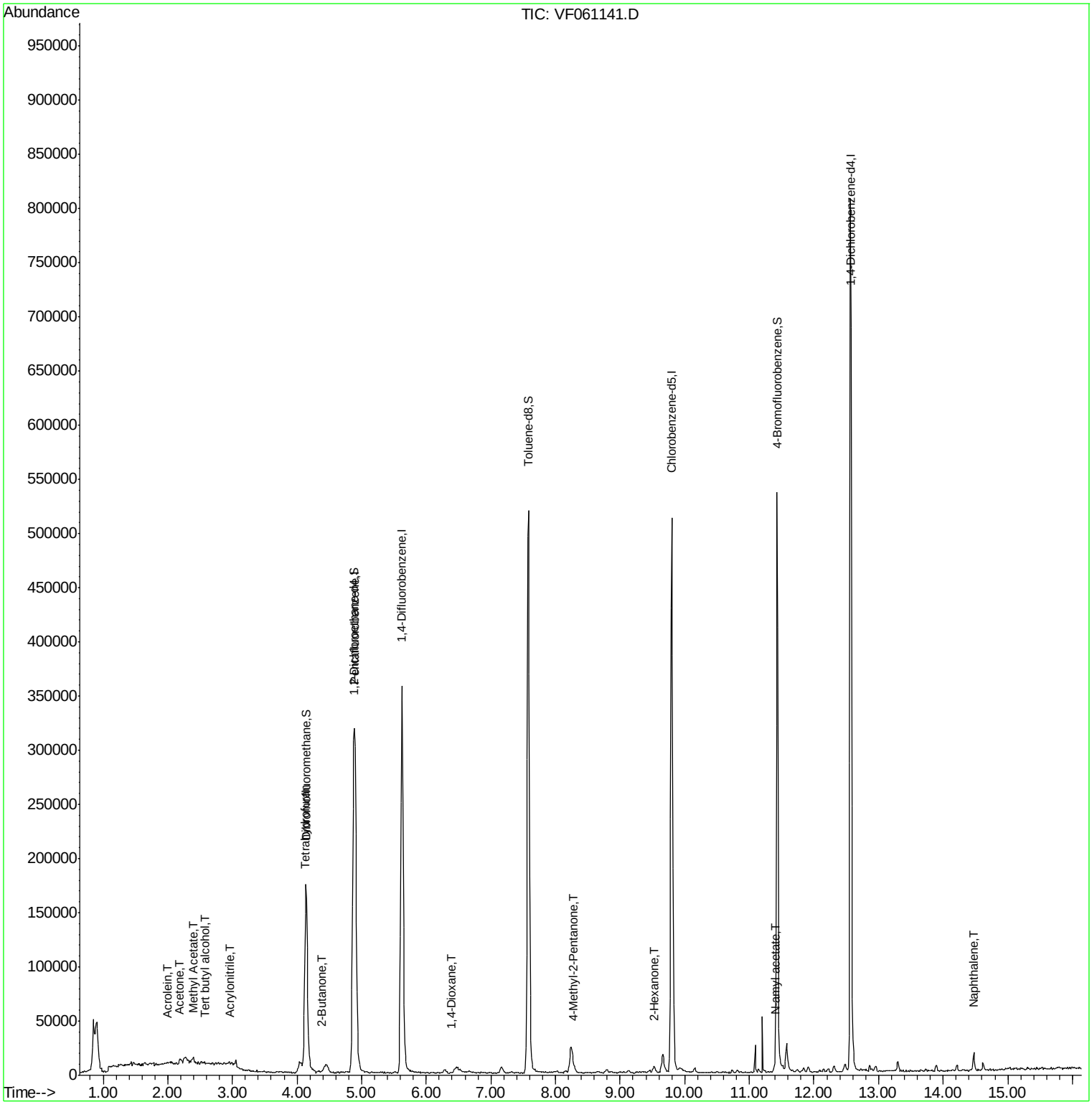
(#) = qualifier out of range (m) = manual integration (+) = signals summed

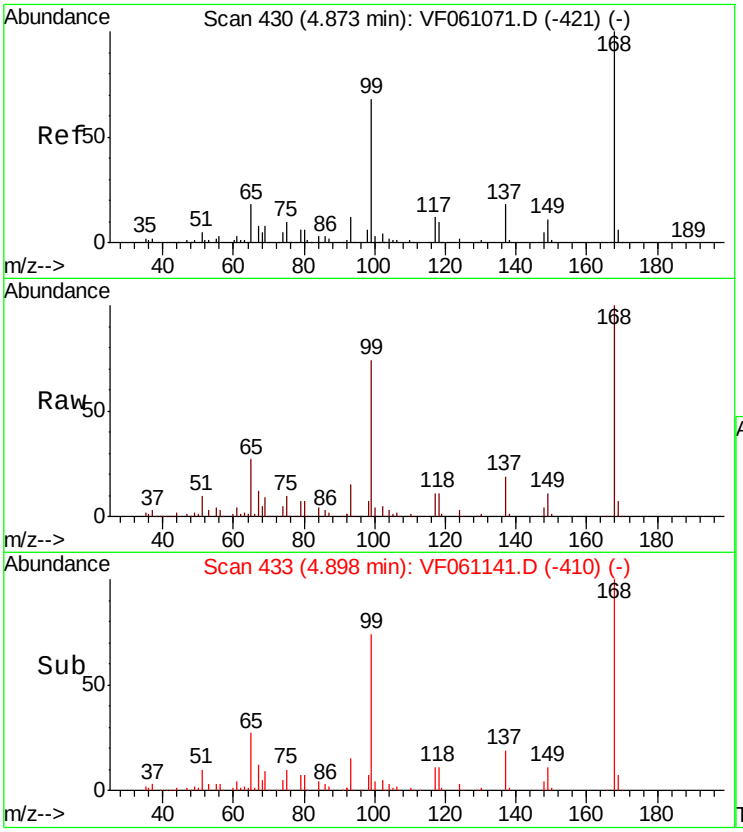
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061141.D
Acq On : 22 Dec 2018 13:29
Operator : VA/AP
Sample : VF1222SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Quant Time: Dec 24 02:55:18 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



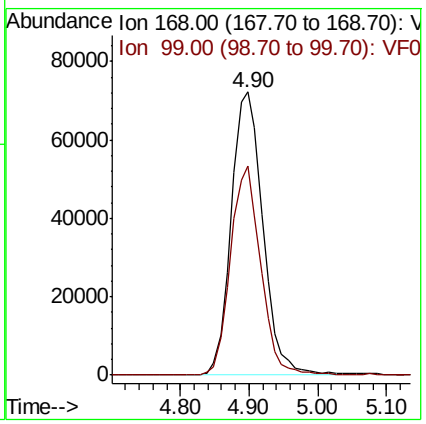


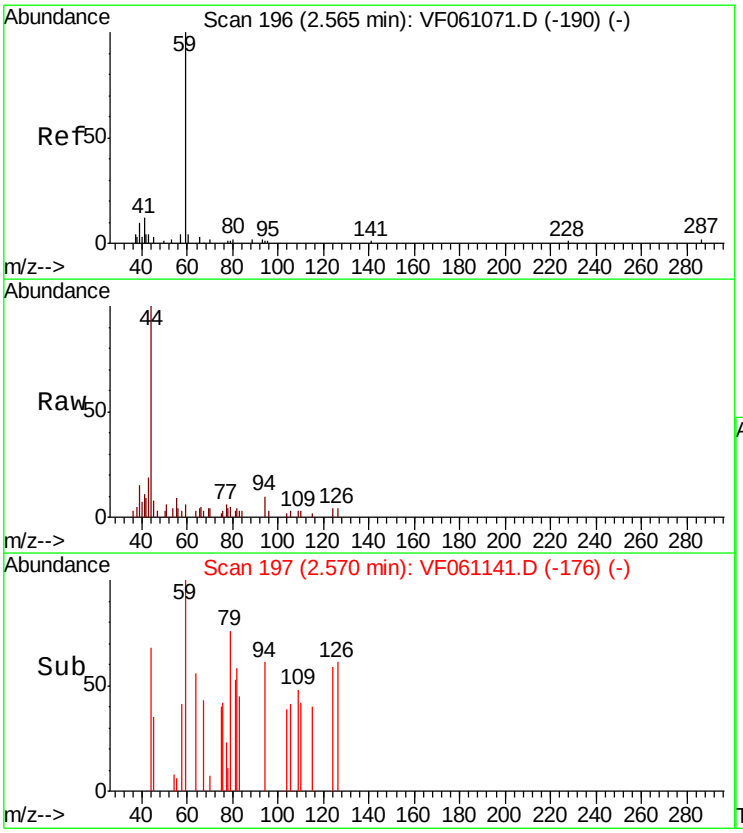
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Tgt Ion:168 Resp: 230250

Ion	Ratio	Lower	Upper
168	100		
99	73.7	54.4	81.6

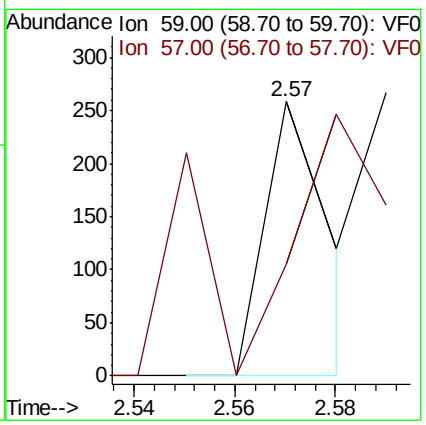


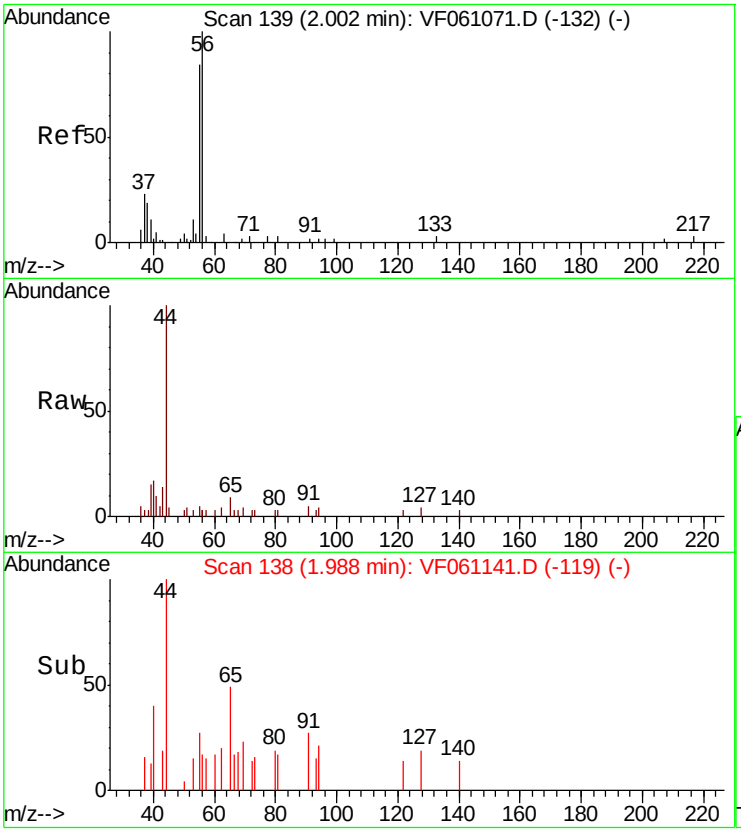


#11
Tert butyl alcohol
Concen: 1.874 ug/l
RT: 2.57 min Scan# 197
Delta R.T. 0.01 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion: 59 Resp: 224

Ion	Ratio	Lower	Upper
59	100		
57	40.7	11.5	17.3#



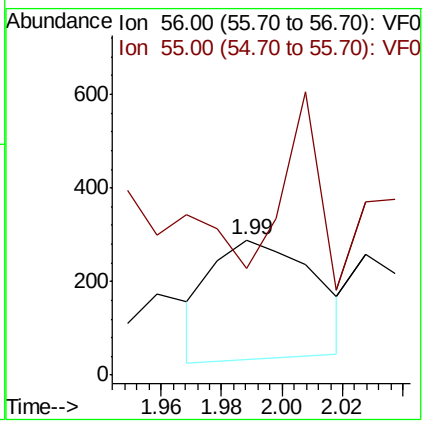


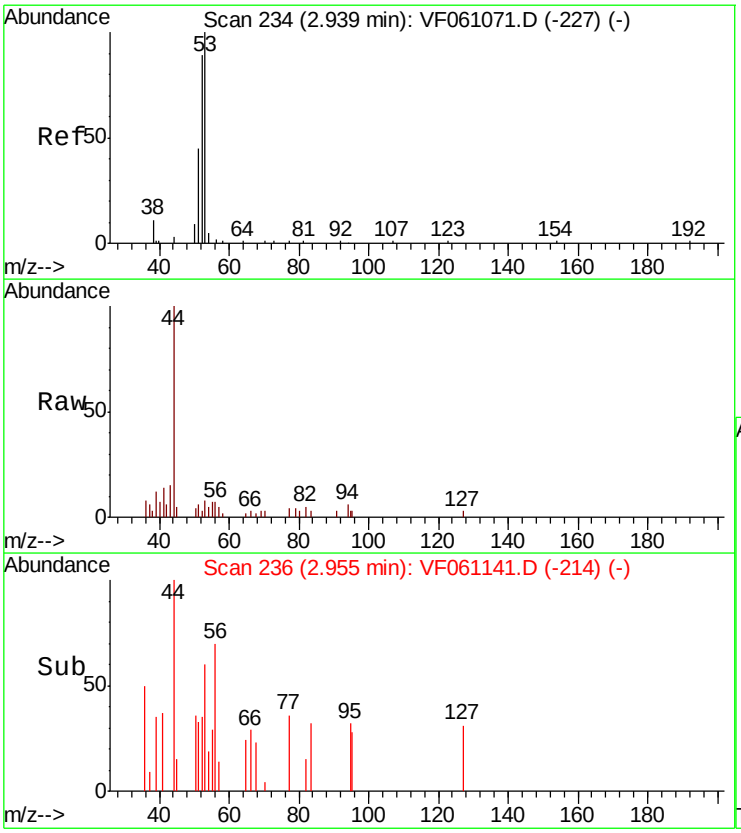
#13
Acrolein
Concen: 7.041 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Tgt Ion: 56 Resp: 608

Ion	Ratio	Lower	Upper
56	100		
55	78.5	70.2	105.2

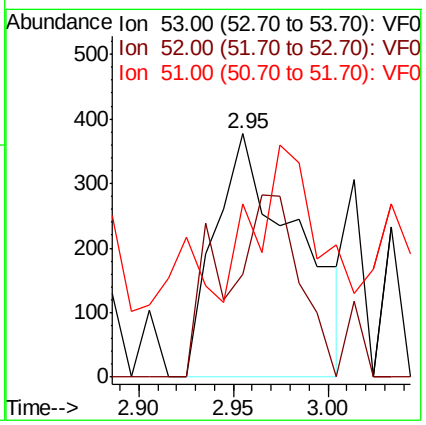


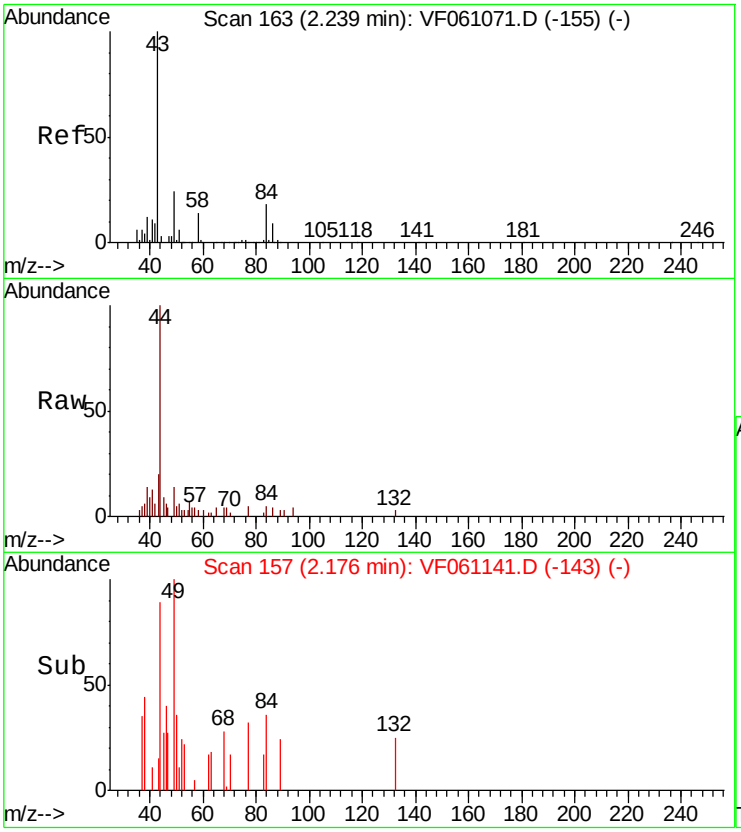


#15
Acrylonitrile
Concen: 4.075 ug/l
RT: 2.95 min Scan# 236
Delta R.T. 0.02 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion: 53 Resp: 1126

Ion	Ratio	Lower	Upper
53	100		
52	42.2	71.3	106.9#
51	71.4	36.8	55.2#



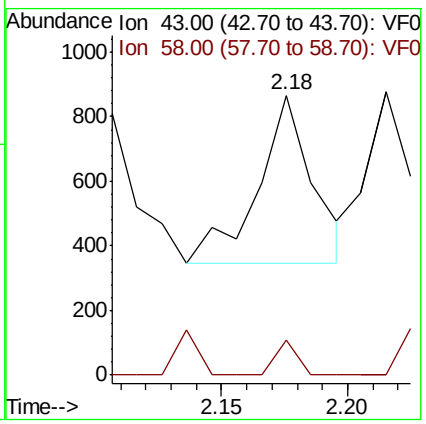


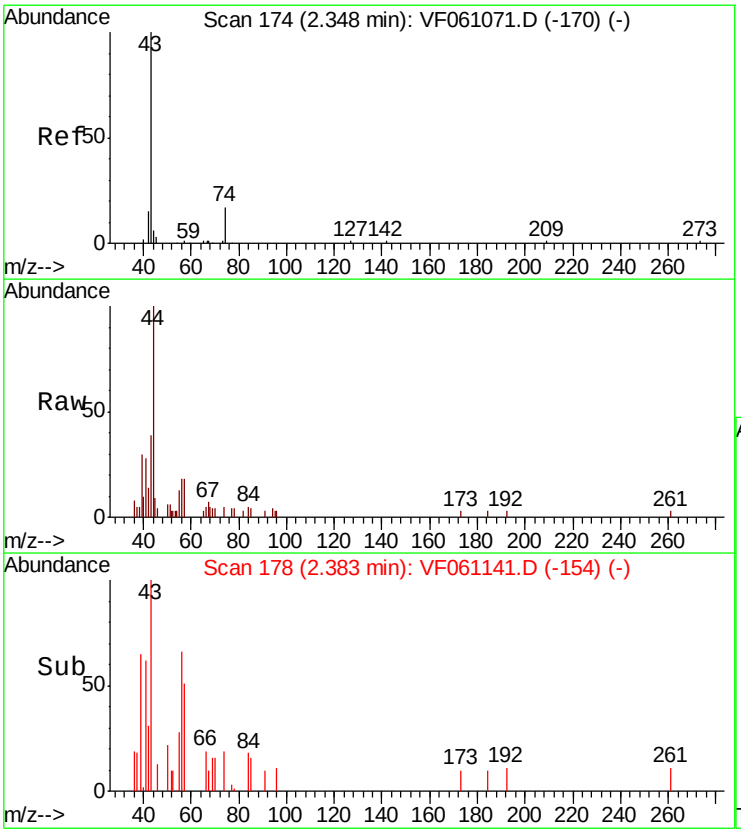
#16
Acetone
Concen: 1.343 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.06 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Tgt Ion: 43 Resp: 795

Ion	Ratio	Lower	Upper
43	100		
58	12.7	11.1	16.7

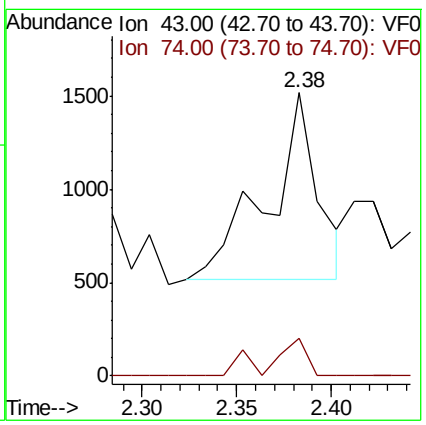


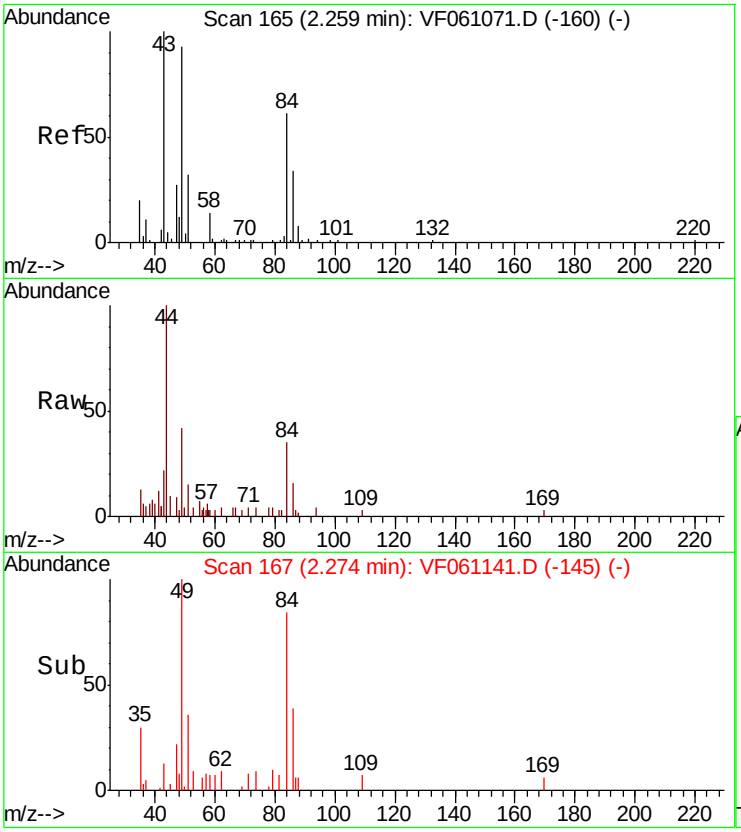


#18
Methyl Acetate
Concen: 1.505 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.04 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion: 43 Resp: 1843

Ion	Ratio	Lower	Upper
43	100		
74	13.3	11.0	16.6



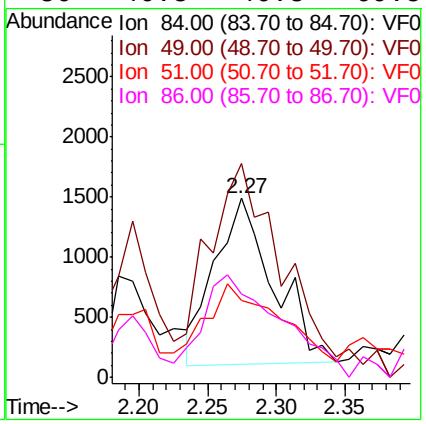


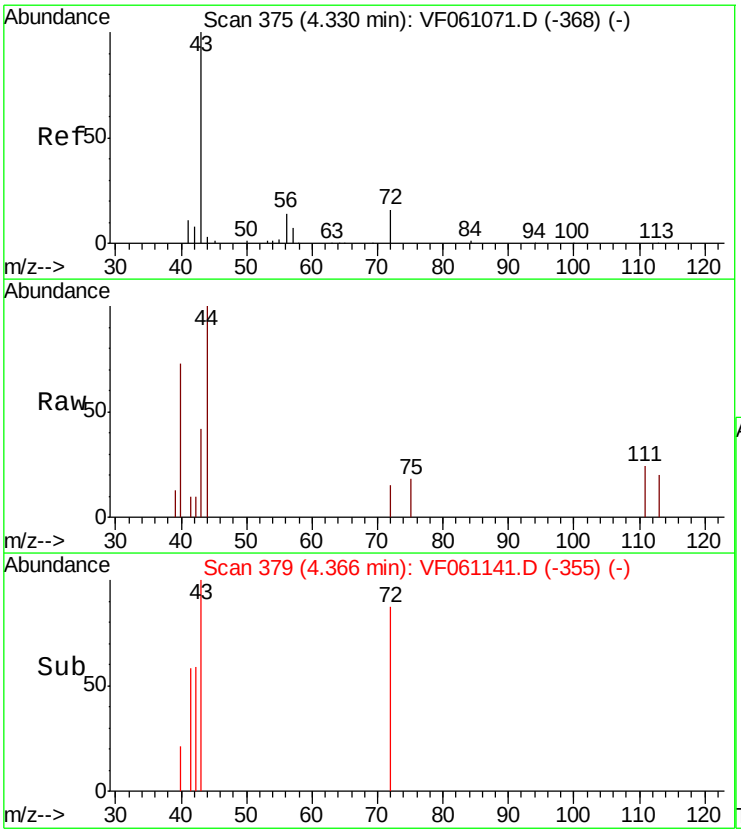
#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Tgt Ion: 84 Resp: 4141

Ion	Ratio	Lower	Upper
84	100		
49	119.3	129.4	194.2#
51	42.8	44.0	66.0#
86	46.8	46.3	69.5

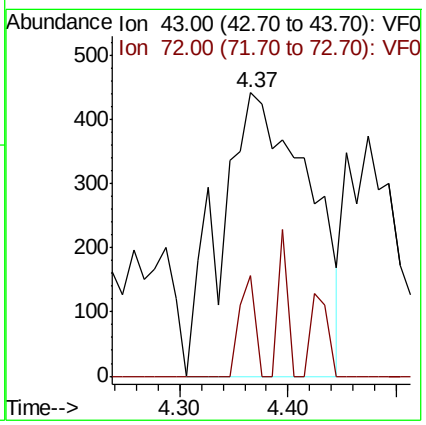


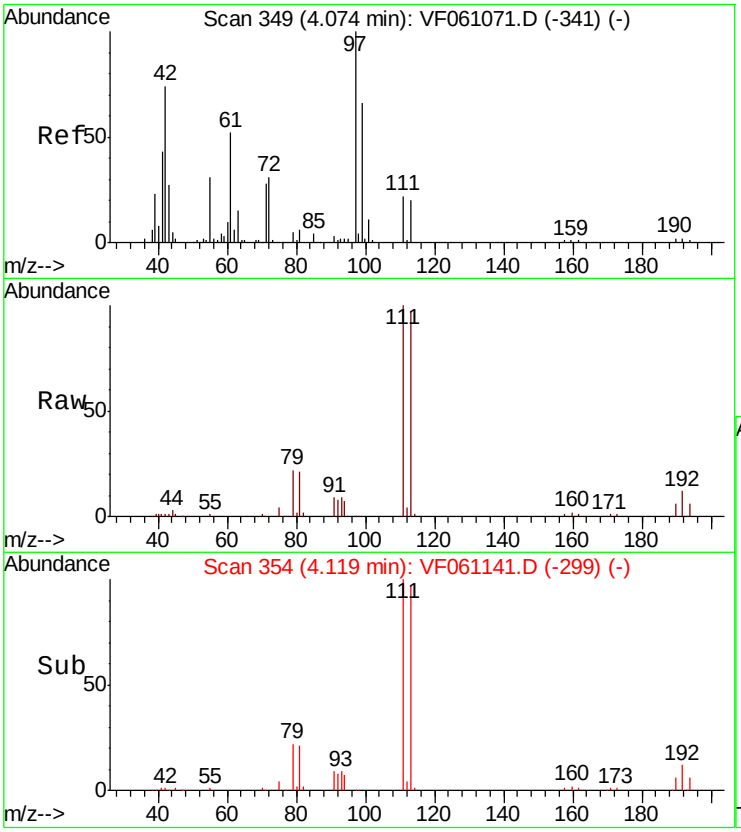


#25
2-Butanone
Concen: 2.628 ug/l
RT: 4.37 min Scan# 379
Delta R.T. 0.04 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion: 43 Resp: 2523

Ion	Ratio	Lower	Upper
43	100		
72	35.3	15.6	23.4#



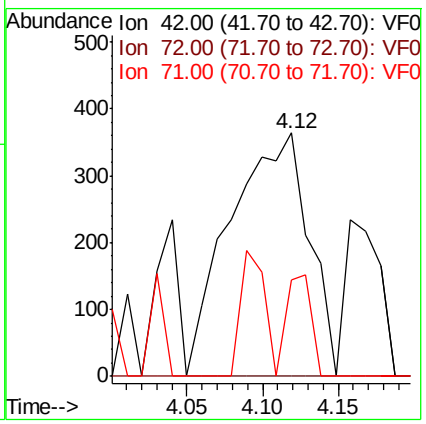


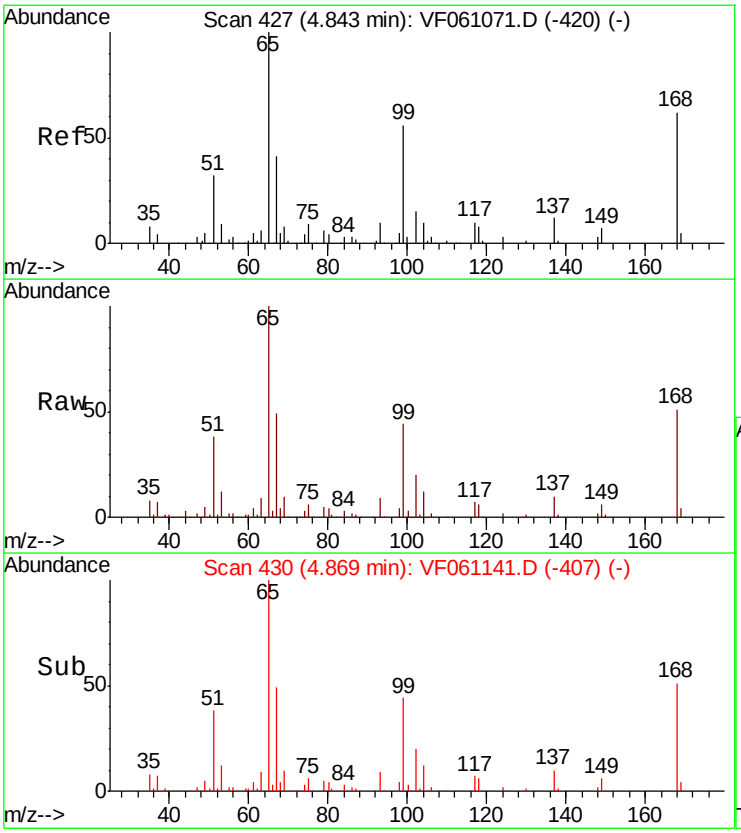
#29
Tetrahydrofuran
Concen: 3.378 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.05 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
VF1222SBL01

Tgt Ion: 42 Resp: 1320

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	13.3	29.7	44.5#

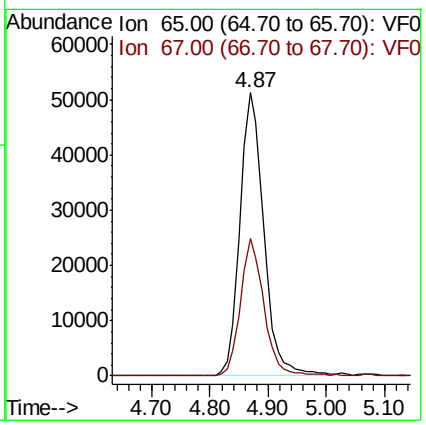


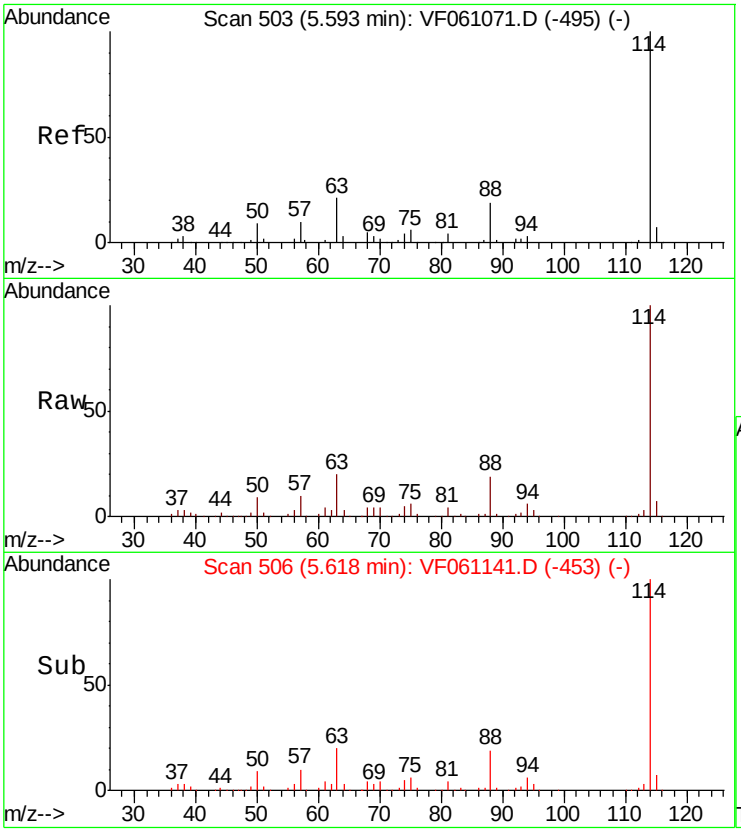


#33
1,2-Dichloroethane-d4
Concen: 49.788 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion: 65 Resp: 147444

Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	94.6



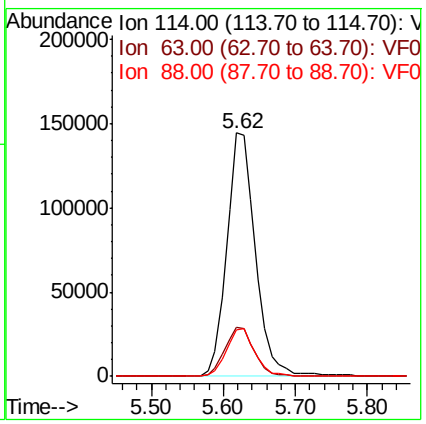


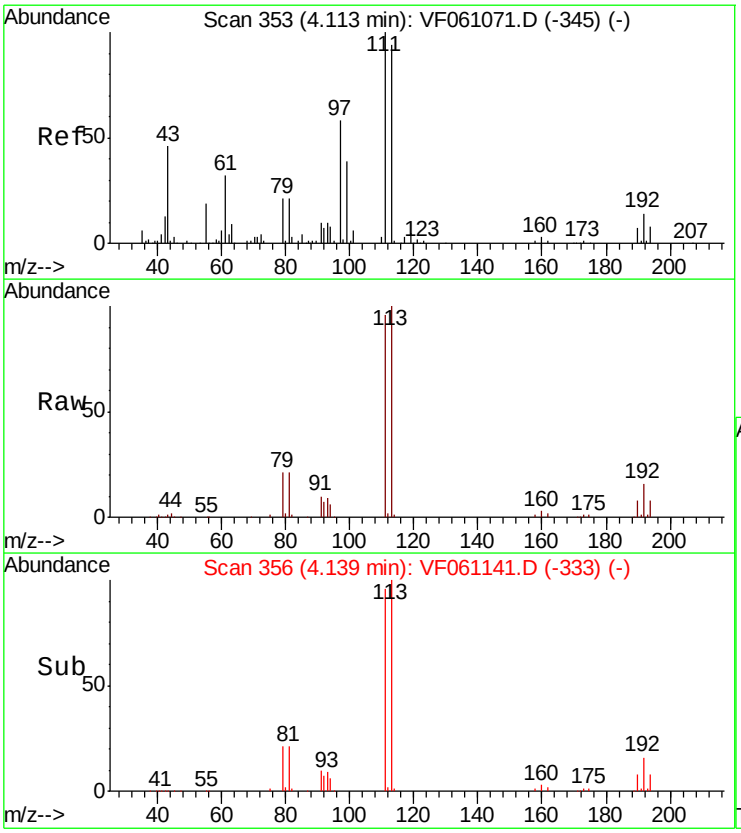
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Tgt Ion:114 Resp: 399662

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	19.3	0.0	38.0

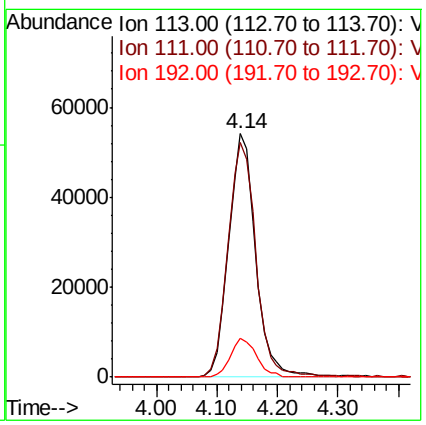


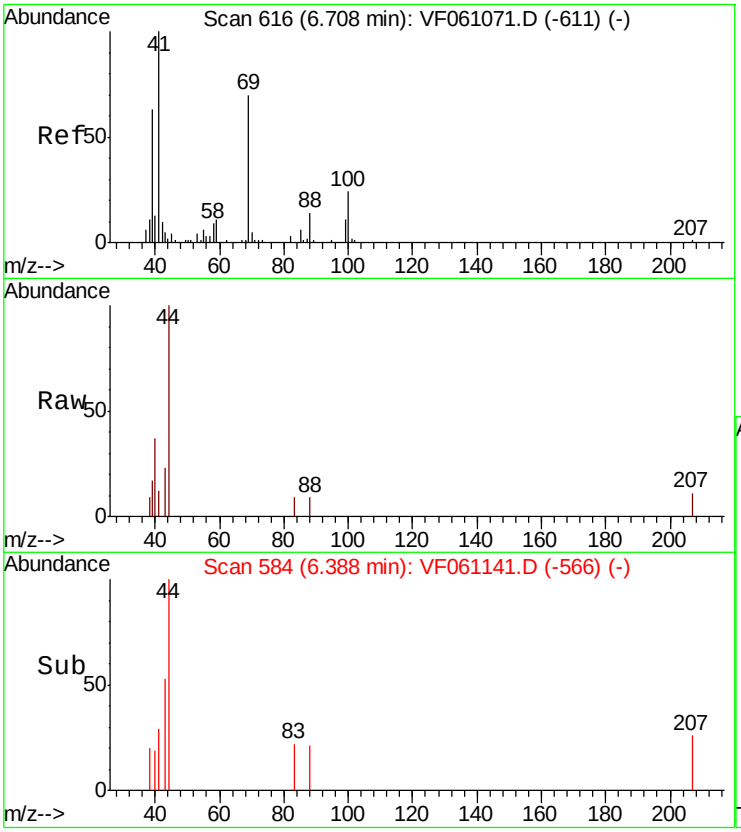


#35
Dibromofluoromethane
Concen: 52.421 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion:113 Resp: 167826

Ion	Ratio	Lower	Upper
113	100		
111	96.4	85.2	127.8
192	16.0	12.8	19.2



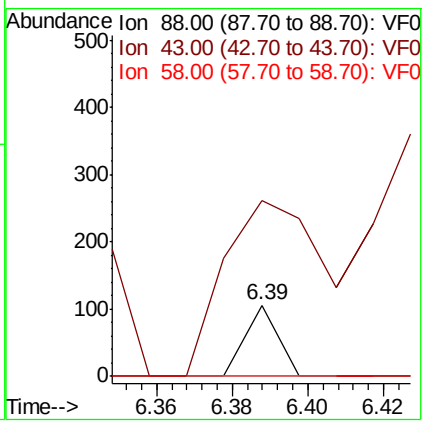


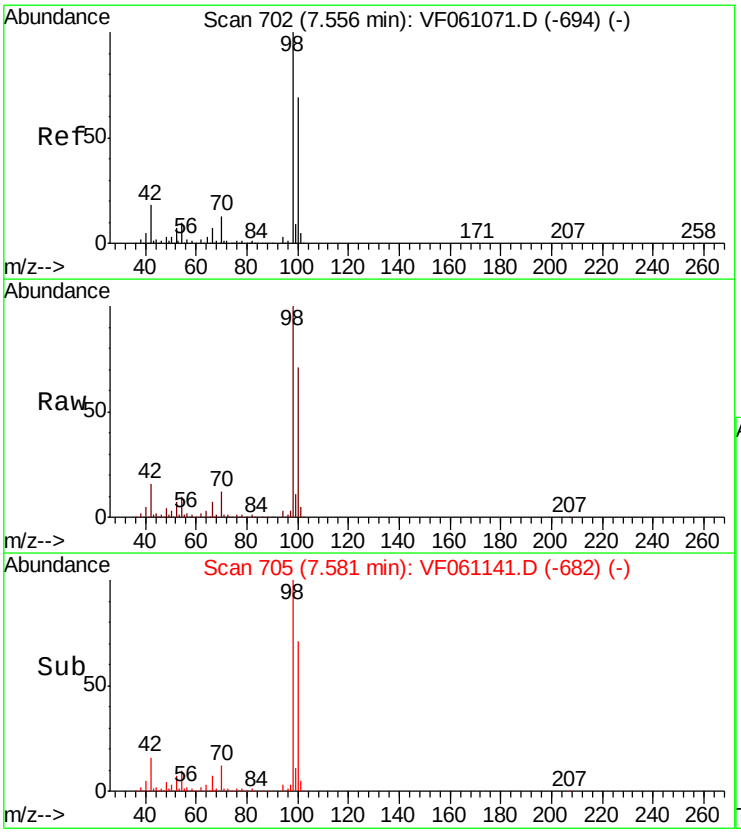
#49
1,4-Dioxane
Concen: 5.339 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.32 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	246.2	33.3	49.9#
58	0.0	53.2	79.8#

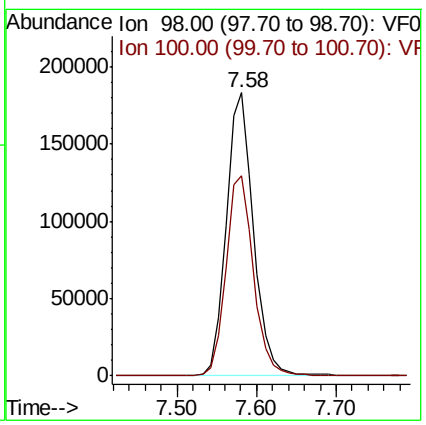


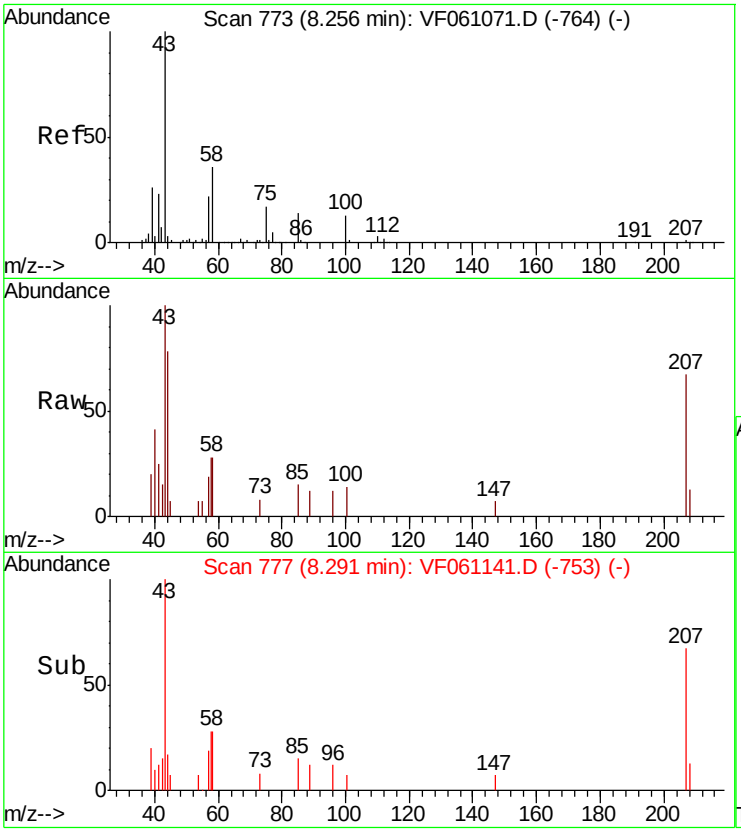


#50
Toluene-d8
Concen: 48.306 ug/l
RT: 7.58 min Scan# 705
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion: 98 Resp: 438270

Ion	Ratio	Lower	Upper
98	100		
100	70.7	55.3	82.9



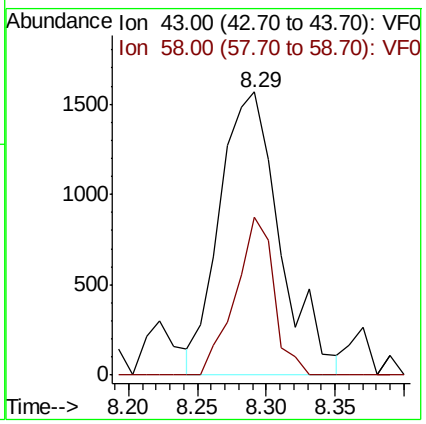


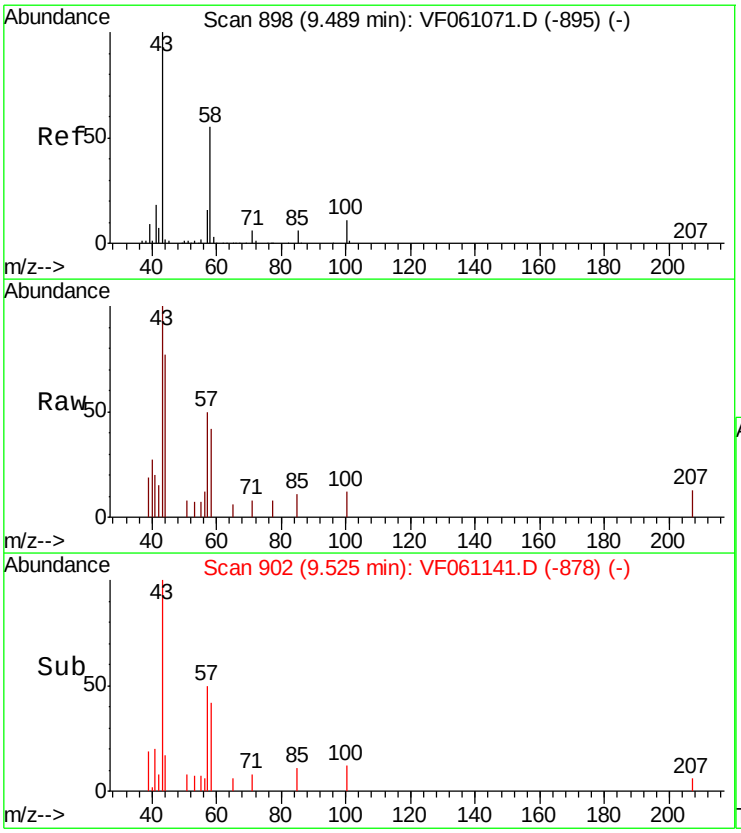
#51
4-Methyl-2-Pentanone
Concen: 2.991 ug/l
RT: 8.29 min Scan# 777
Delta R.T. 0.04 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Tgt Ion: 43 Resp: 4779

Ion	Ratio	Lower	Upper
43	100		
58	55.6	29.1	43.7#

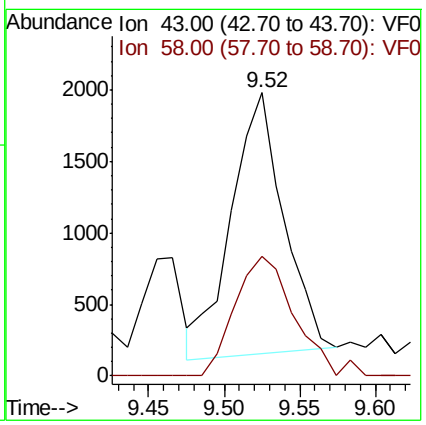


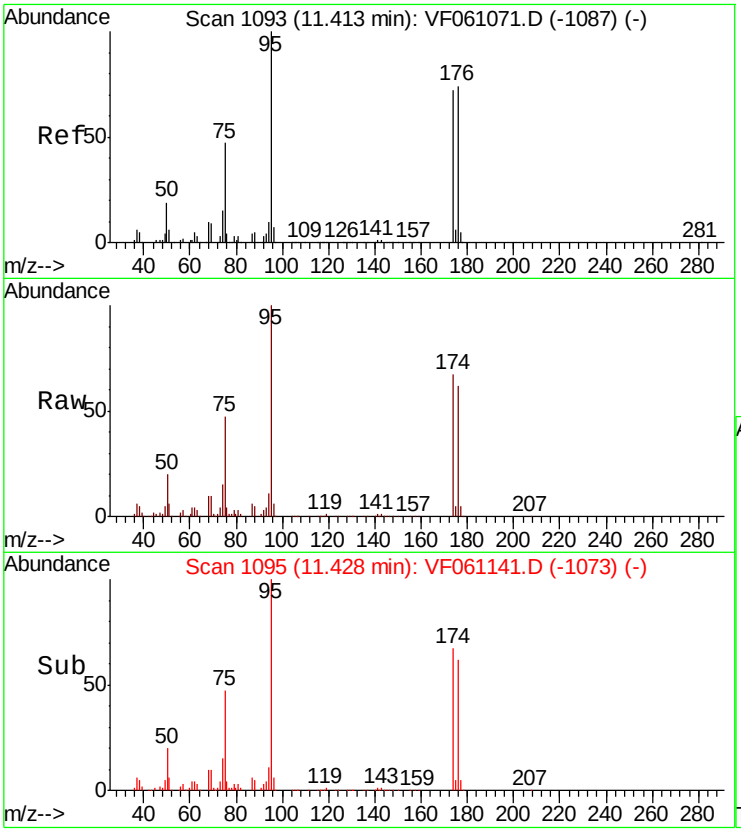


#59
2-Hexanone
Concen: 3.827 ug/l
RT: 9.52 min Scan# 902
Delta R.T. 0.04 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion: 43 Resp: 4421

Ion	Ratio	Lower	Upper
43	100		
58	42.4	25.1	75.2



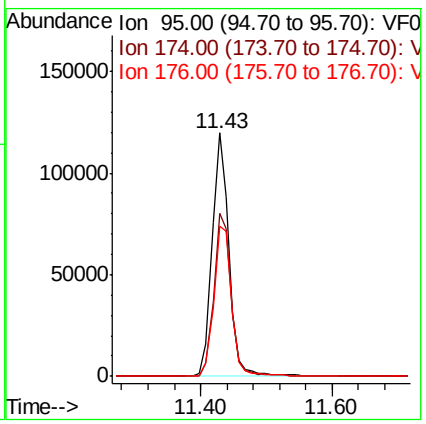


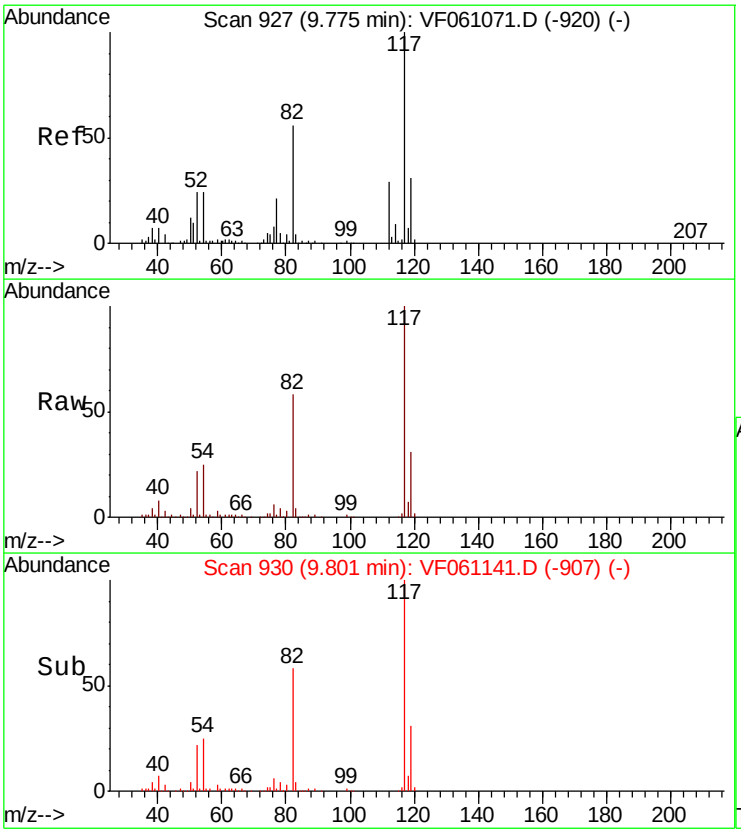
#62
4-Bromofluorobenzene
Concen: 50.057 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
VF1222SBL01

Tgt Ion: 95 Resp: 209370

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	143.8
176	61.8	0.0	147.6

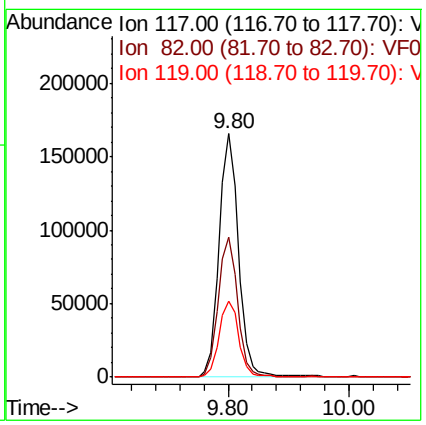


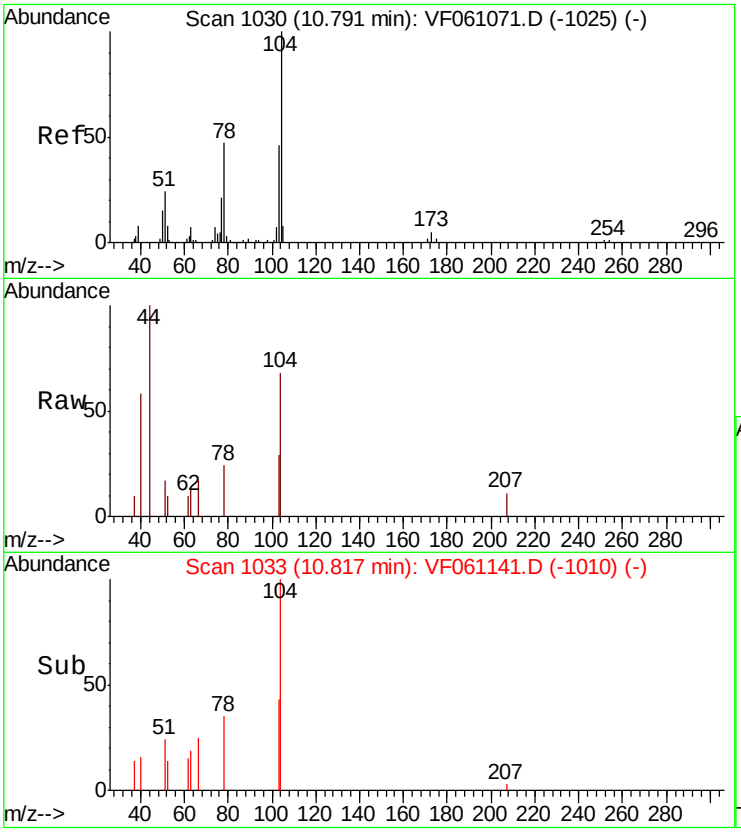


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion:117 Resp: 372532

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.0	67.4
119	31.3	24.8	37.2



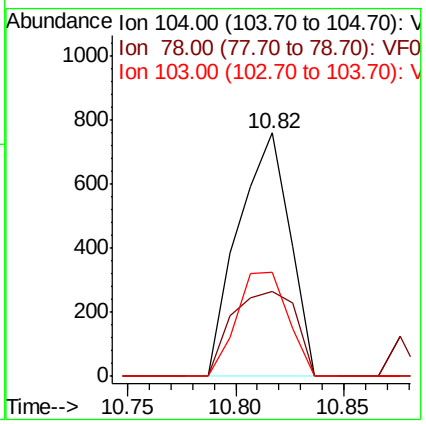


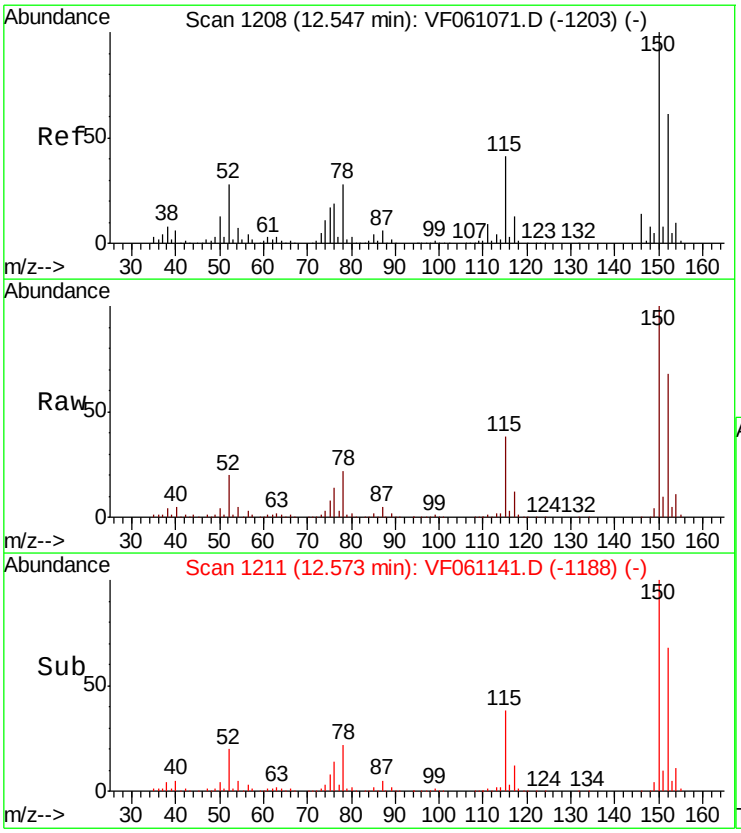
#70
Stvrene
Concen: Below Cal
RT: 10.82 min Scan# 1033
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Tgt Ion:104 Resp: 1267

Ion	Ratio	Lower	Upper
104	100		
78	34.7	38.4	57.6#
103	42.5	37.0	55.6

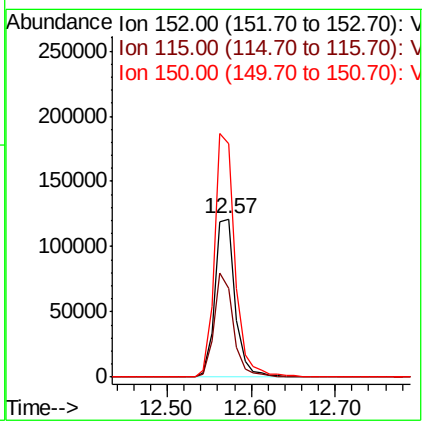


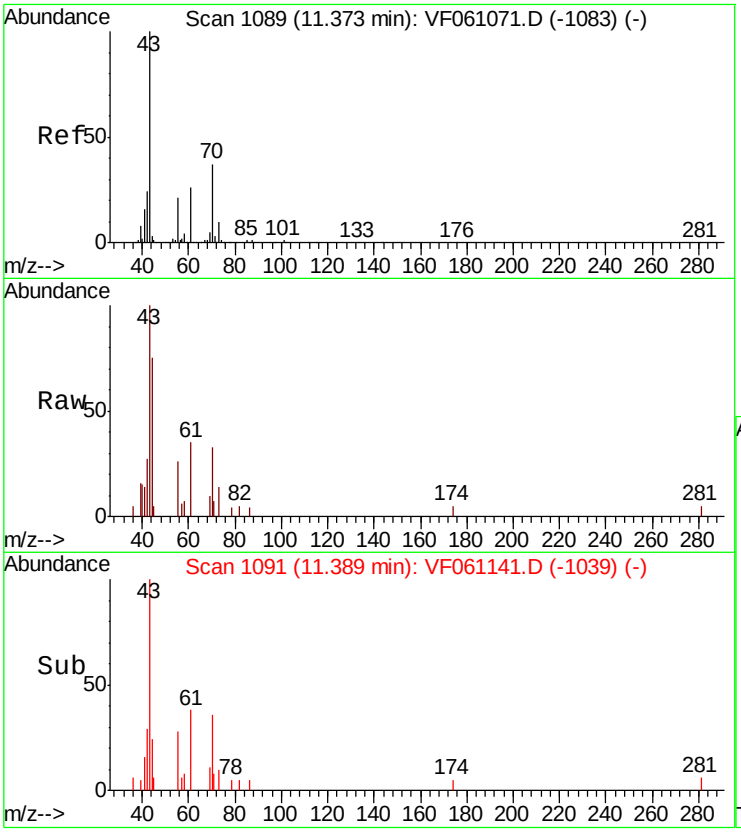


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion:152 Resp: 204208

Ion	Ratio	Lower	Upper
152	100		
115	55.7	33.3	99.9
150	147.1	0.0	328.2



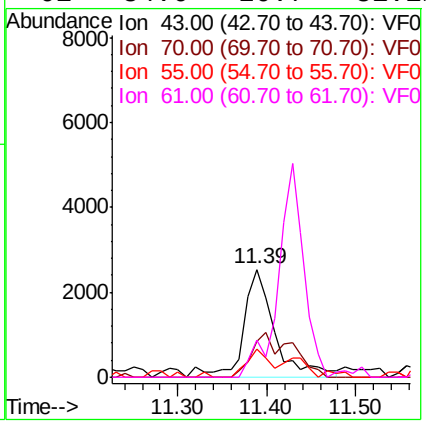


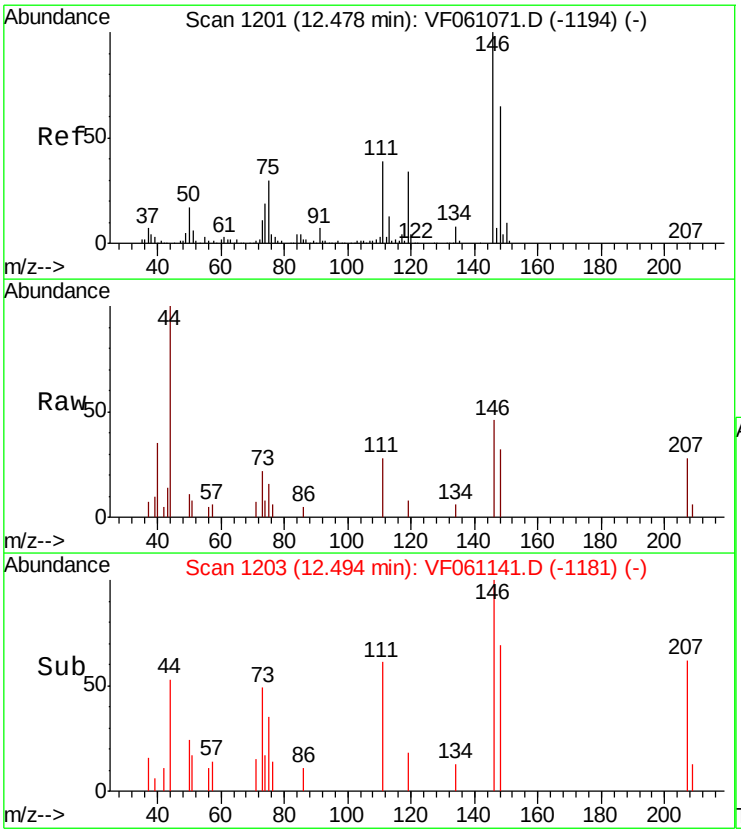
#74
N-amyl acetate
Concen: 1.577 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. 0.02 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument : MSVOA_F
ClientSampleId : VF1222SBL01

Tgt Ion: 43 Resp: 6160

Ion	Ratio	Lower	Upper
43	100		
70	33.1	29.2	43.8
55	26.0	16.5	24.7#
61	34.6	20.7	31.1#

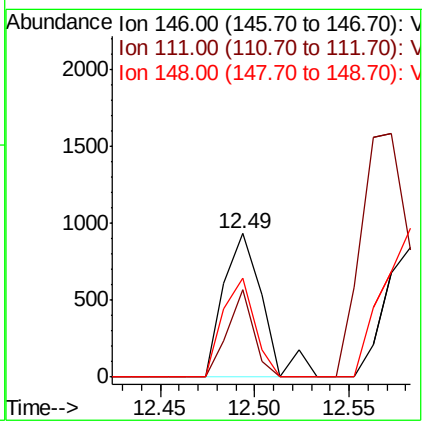


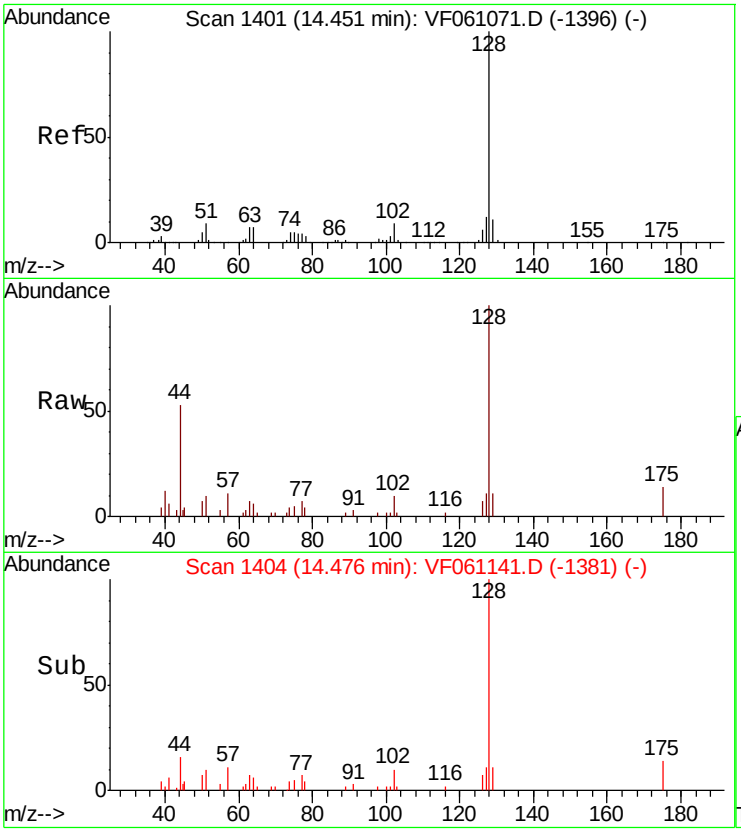


#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.49 min Scan# 1203
Delta R.T. 0.02 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Tgt Ion:146 Resp: 1338

Ion	Ratio	Lower	Upper
146	100		
111	61.0	19.3	57.9#
148	69.3	32.4	97.2





#95
Naphthalene
Concen: 1.156 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.03 min
Lab File: VF061141.D
Acq: 22 Dec 2018 13:29

Instrument :
MSVOA_F
ClientSampleId :
VF1222SBL01

Tgt Ion:128 Resp: 10138

Ion	Ratio	Lower	Upper
128	100		
127	10.8	9.4	14.2
129	10.5	8.8	13.2