Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122418\
Data File : VF061158.D
Acq On : 24 Dec 2018 11:43
Operator : VA/AP
Sample : VF1224SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:46:43 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	4.87	168	207621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	357832	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	314106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	176803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	119857	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.76%			
35) Dibromofluoromethane	4.12	113	158343	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.48%			
50) Toluene-d8	7.55	98	399032	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.24%			
62) 4-Bromofluorobenzene	11.41	95	178830	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.50%			
Target Compounds						Qvalue
13) Acrolein	2.04	56	575	7.384	ug/l	82
15) Acrylonitrile	2.95	53	1001	4.017	ug/l #	55
16) Acetone	2.24	43	3231	6.052	ug/l	95
18) Methyl Acetate	2.37	43	3047	2.759	ug/l #	66
20) Methylene Chloride	2.25	84	16529	5.710	ug/l	88
29) Tetrahydrofuran	4.09	42	1133	3.215	ug/l #	48
37) Ethyl Acetate	4.09	43	259	Below Cal	#	45
43) Isopropyl Acetate	6.95	43	2210	1.060	ug/l #	45
49) 1,4-Dioxane	6.76	88	75	7.099	ug/l #	1
51) 4-Methyl-2-Pentanone	8.26	43	4112	2.875	ug/l	88
59) 2-Hexanone	9.50	43	4377	4.232	ug/l	78
70) Styrene	10.79	104	1216	Below Cal	#	73
74) N-amyl acetate	11.38	43	6469	1.912	ug/l #	94
78) n-propylbenzene	11.60	91	2510	Below Cal		98
87) 1,3-Dichlorobenzene	12.47	146	1669	Below Cal		79
95) Naphthalene	14.46	128	9953	1.311	ug/l #	96

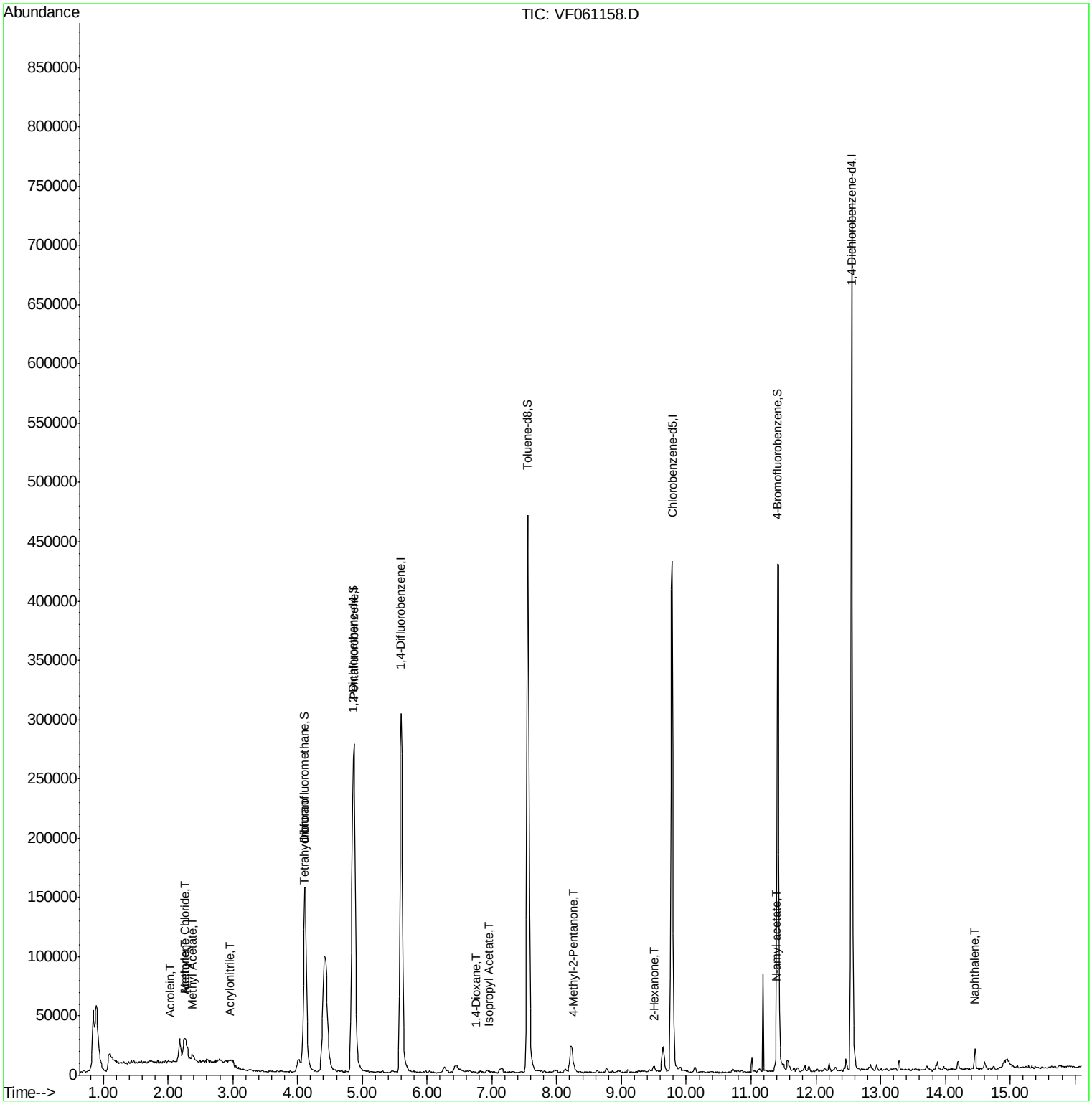
(#) = qualifier out of range (m) = manual integration (+) = signals summed

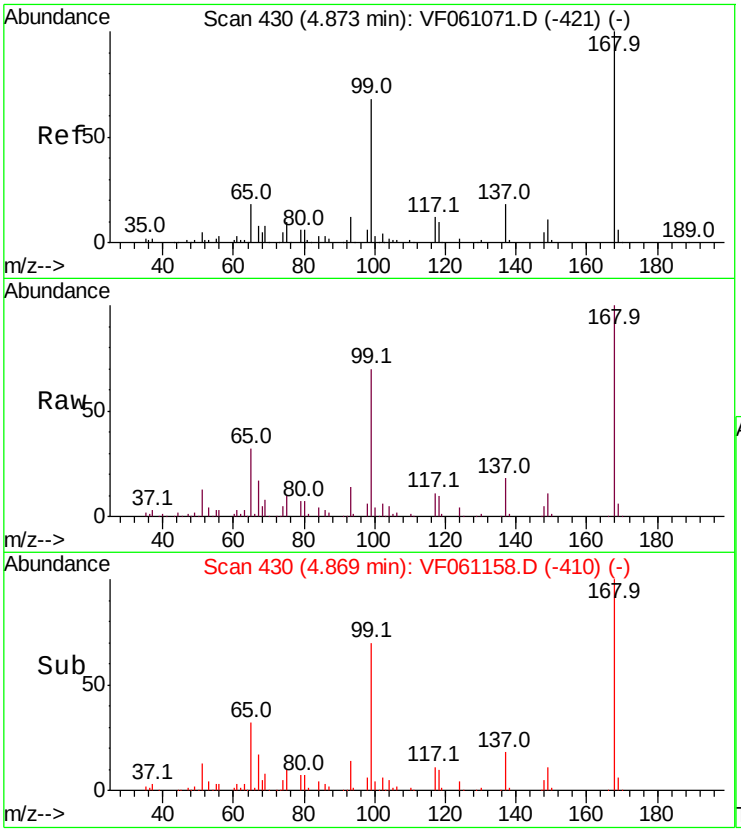
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122418\
Data File : VF061158.D
Acq On : 24 Dec 2018 11:43
Operator : VA/AP
Sample : VF1224SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:46:43 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



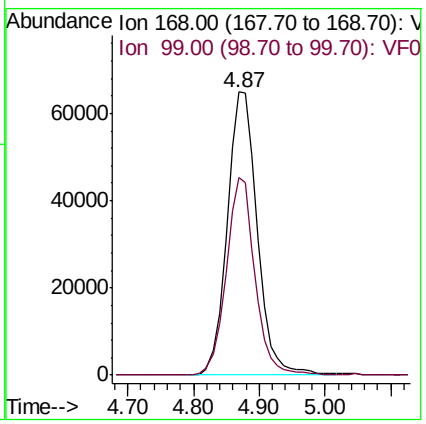


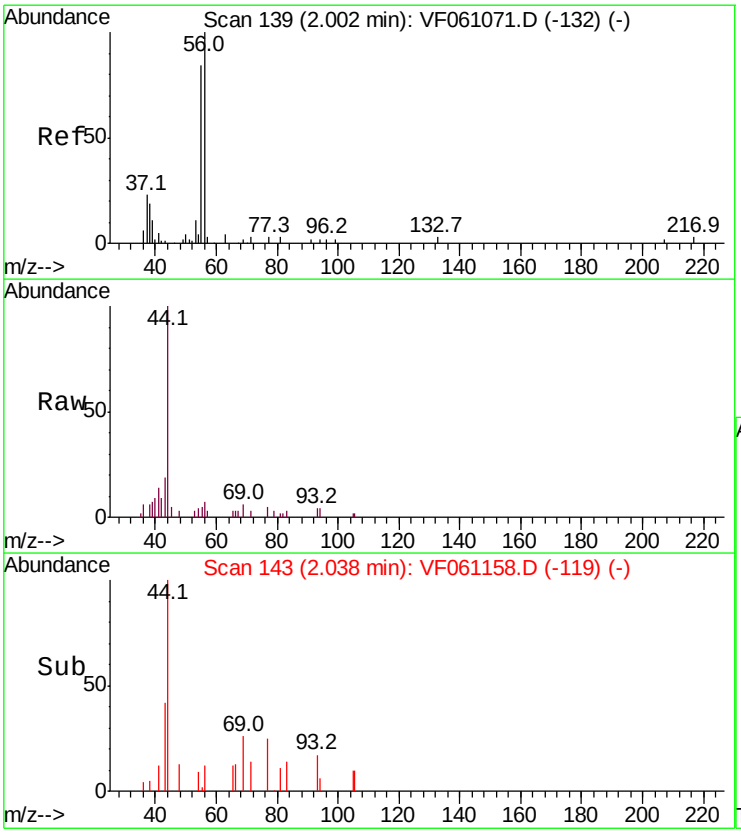
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.00 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 207621

Ion	Ratio	Lower	Upper
168	100		
99	70.0	54.4	81.6

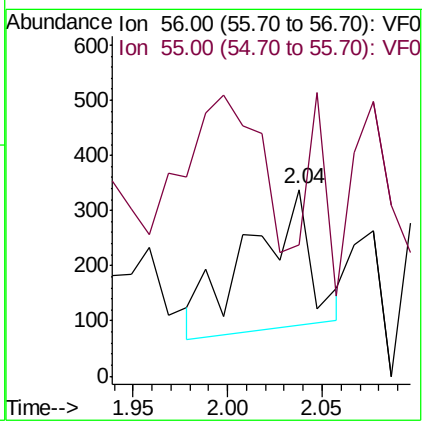


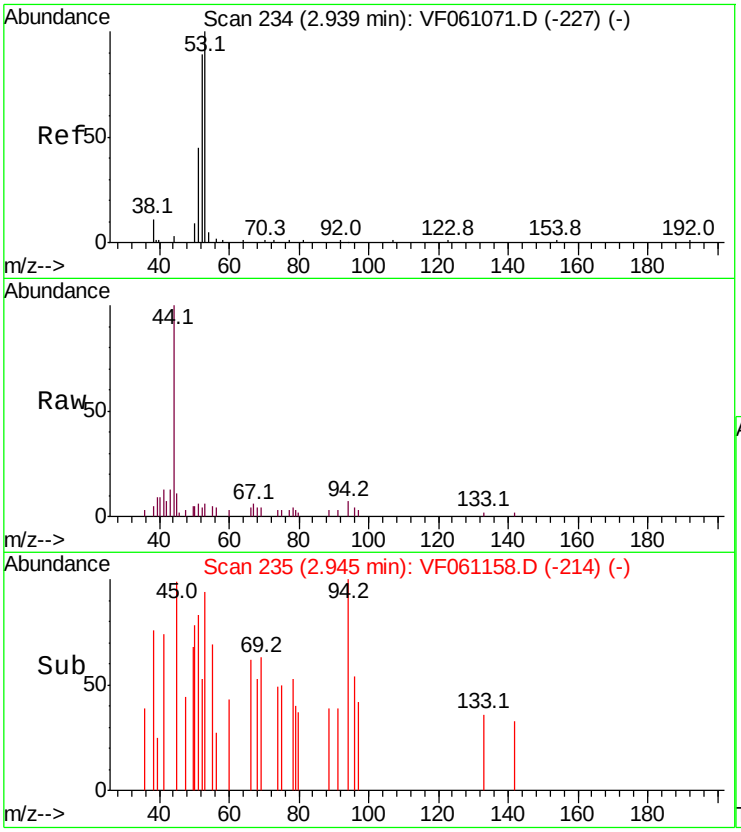


#13
Acrolein
Concen: 7.384 ug/l
RT: 2.04 min Scan# 143
Delta R.T. 0.04 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion: 56 Resp: 575

Ion	Ratio	Lower	Upper
56	100		
55	70.7	70.2	105.2



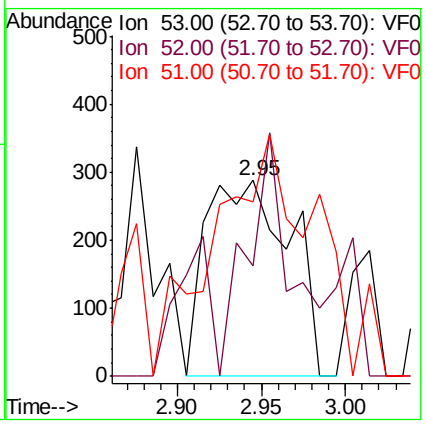


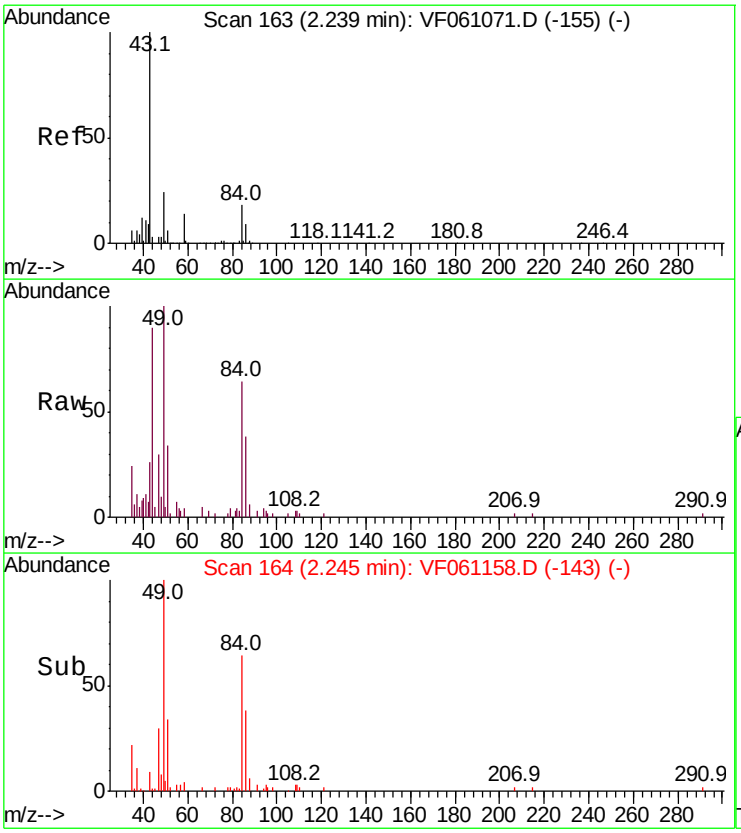
#15
Acrylonitrile
Concen: 4.017 ug/l
RT: 2.95 min Scan# 235
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 1001

Ion	Ratio	Lower	Upper
53	100		
52	56.3	71.3	106.9#
51	88.9	36.8	55.2#

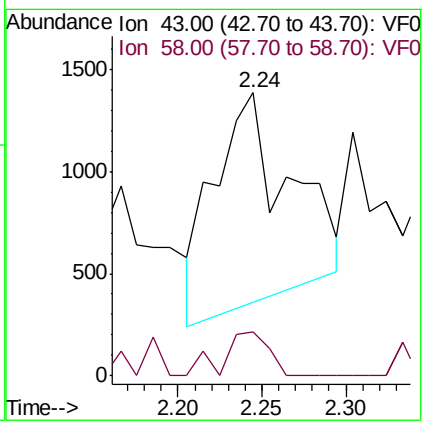


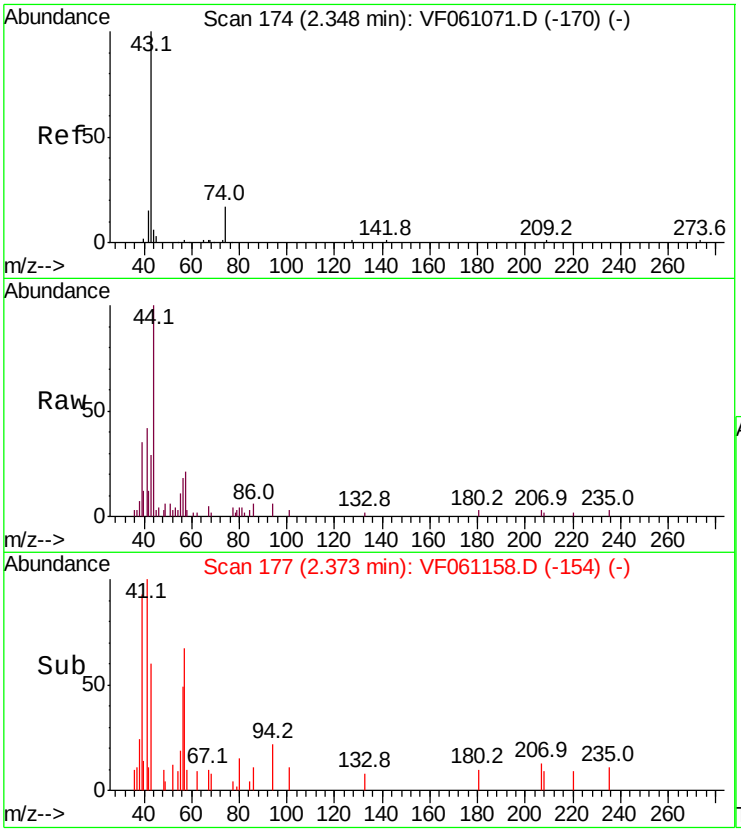


#16
Acetone
Concen: 6.052 ug/l
RT: 2.24 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion: 43 Resp: 3231

Ion	Ratio	Lower	Upper
43	100		
58	15.7	11.1	16.7



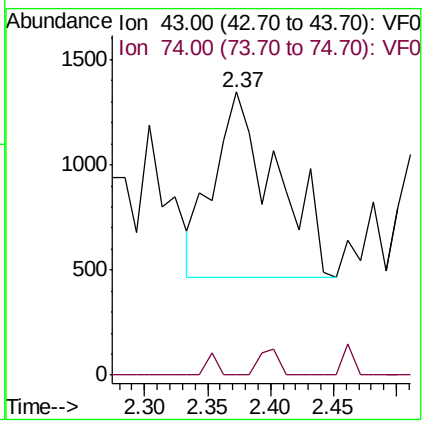


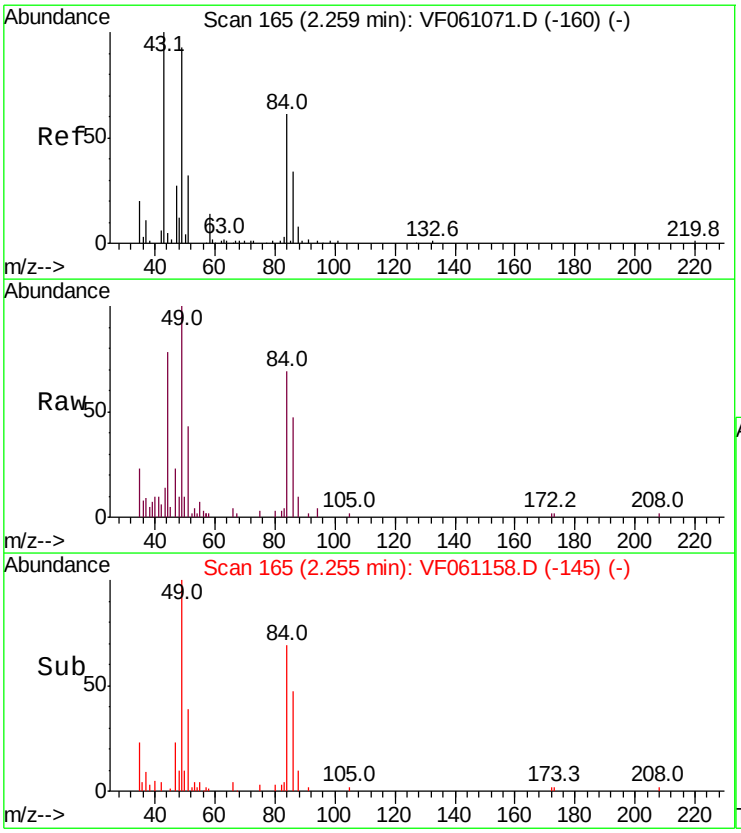
#18
Methyl Acetate
Concen: 2.759 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3047

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#

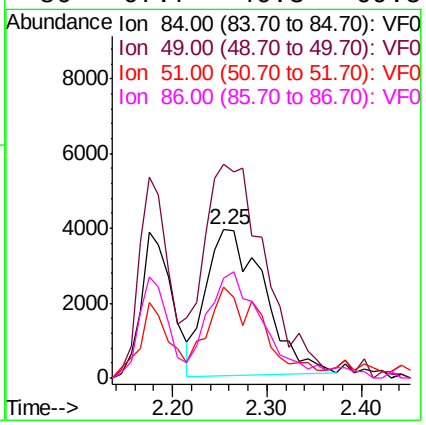


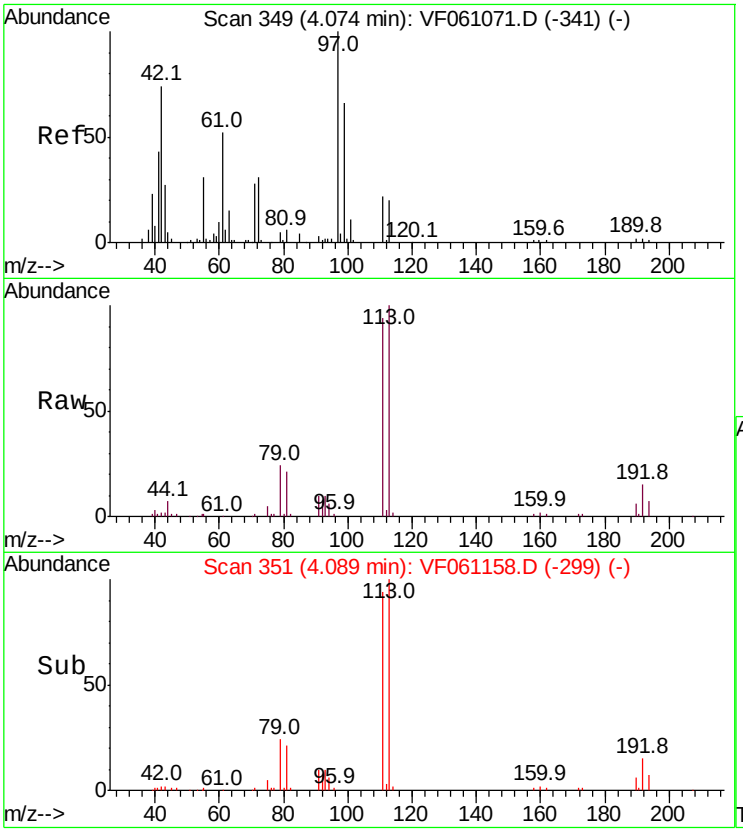


#20
Methylene Chloride
Concen: 5.710 ug/l
RT: 2.25 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion: 84 Resp: 16529

Ion	Ratio	Lower	Upper
84	100		
49	144.4	129.4	194.2
51	61.7	44.0	66.0
86	67.7	46.3	69.5



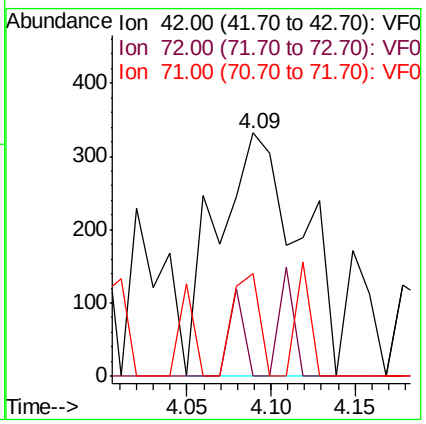


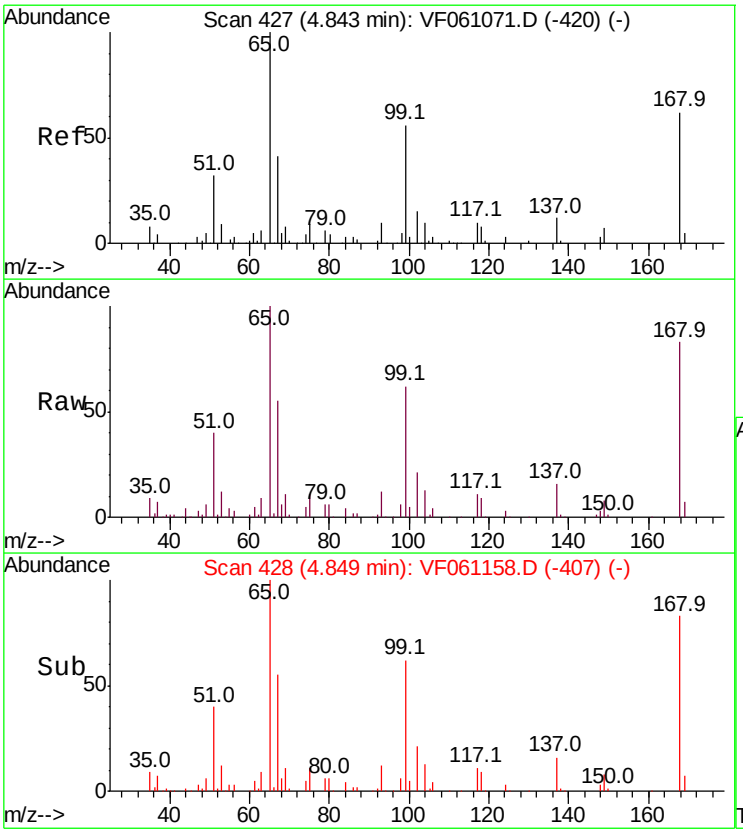
#29
Tetrahydrofuran
Concen: 3.215 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.02 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1133

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	13.8	29.7	44.5#

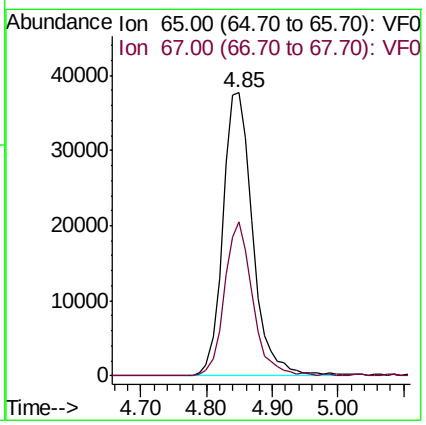


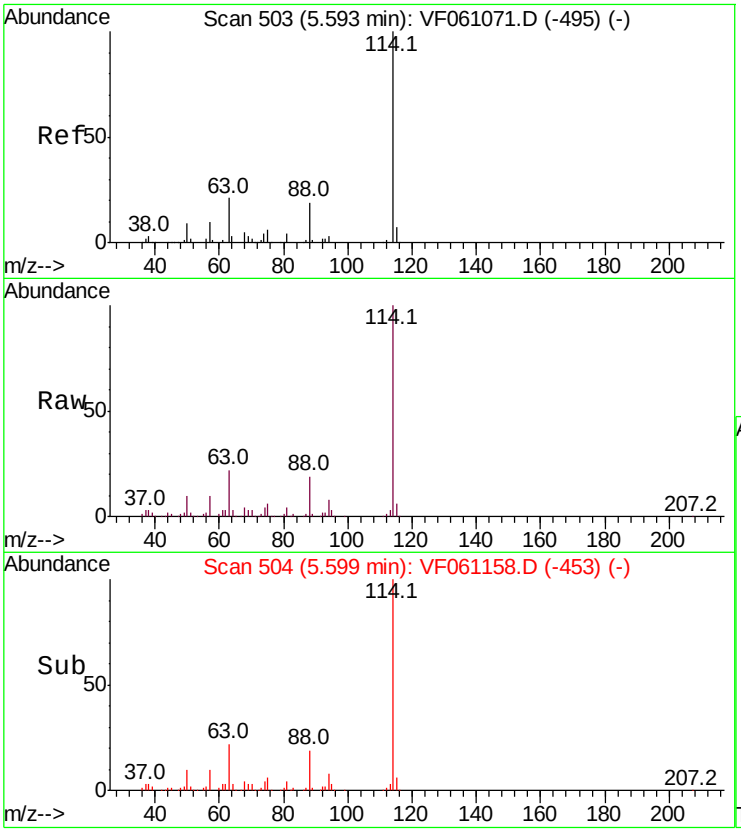


#33
1,2-Dichloroethane-d4
Concen: 44.884 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion: 65 Resp: 119857

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	94.6



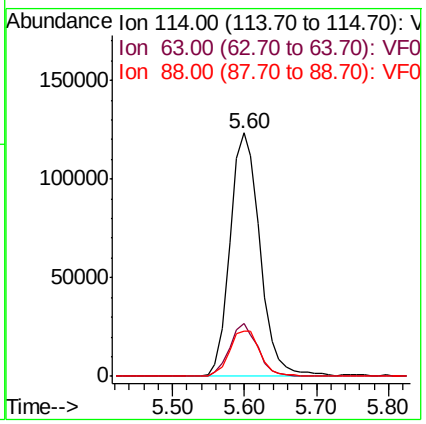


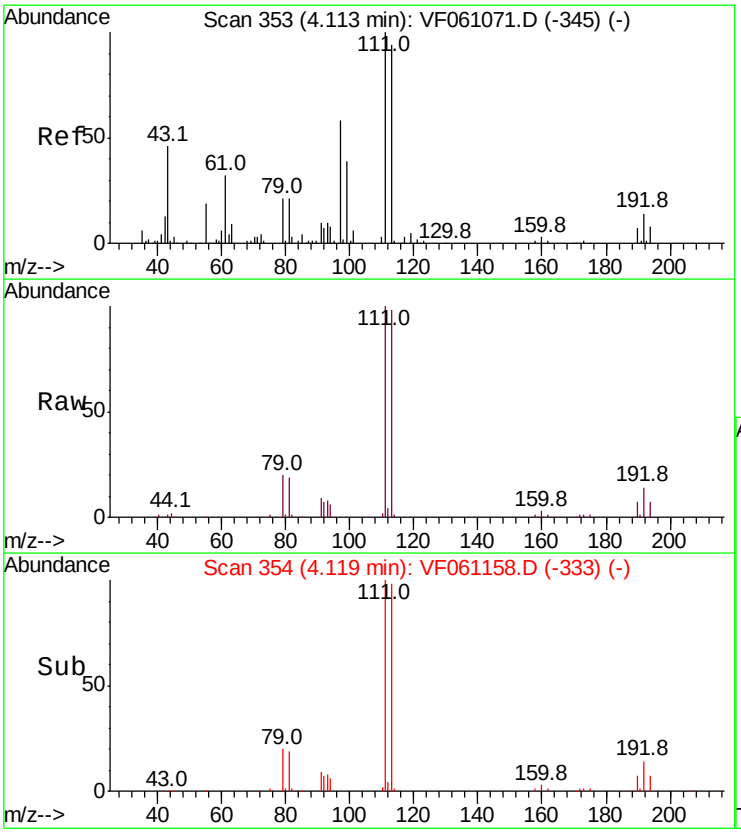
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 357832

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.6
88	18.6	0.0	38.0

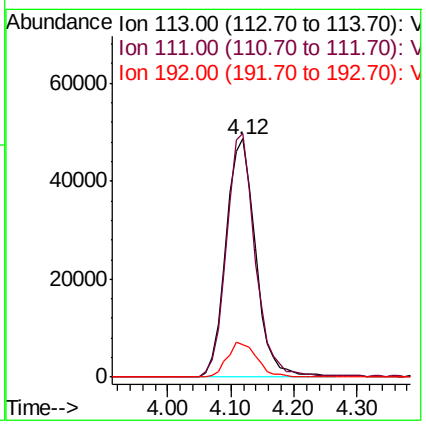


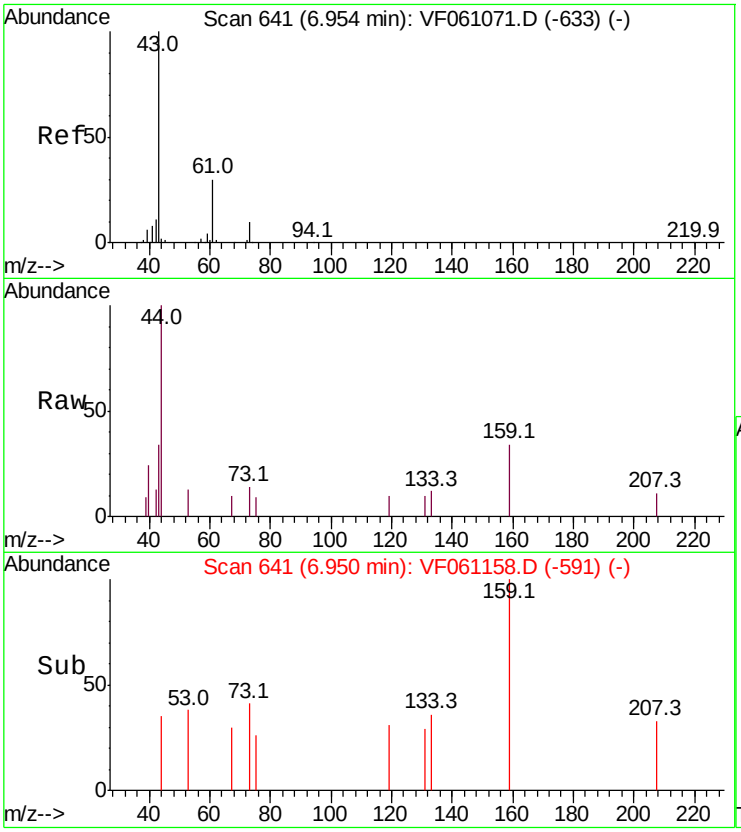


#35
Dibromofluoromethane
Concen: 55.240 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion:113 Resp: 158343

Ion	Ratio	Lower	Upper
113	100		
111	102.3	85.2	127.8
192	13.8	12.8	19.2



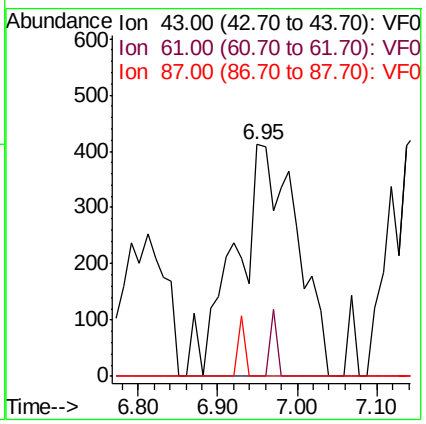


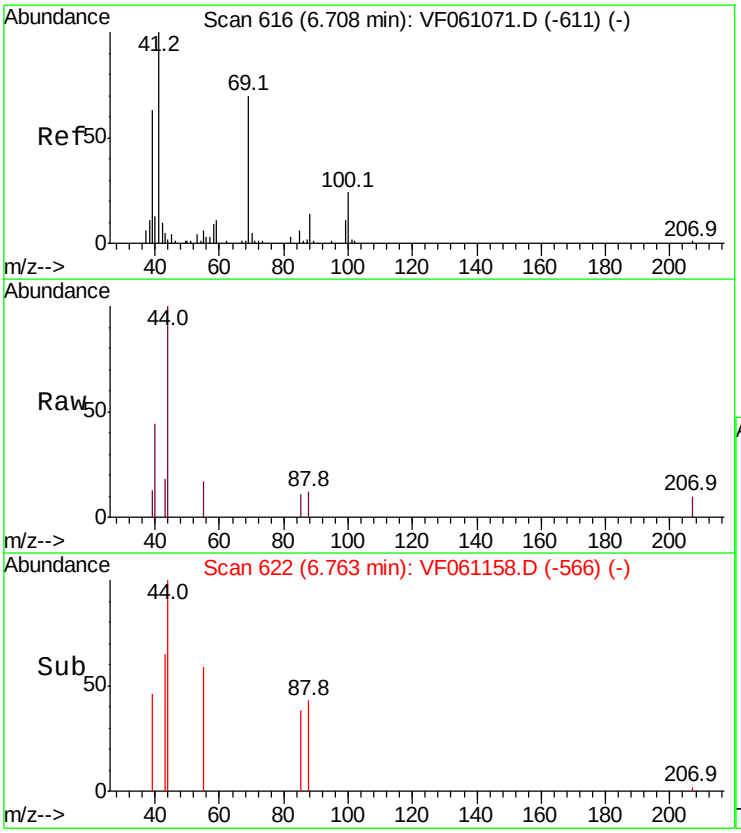
#43
Isopropyl Acetate
Concen: 1.060 ug/l
RT: 6.95 min Scan# 641
Delta R.T. -0.00 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2210

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.8#
87	0.0	0.0	0.0

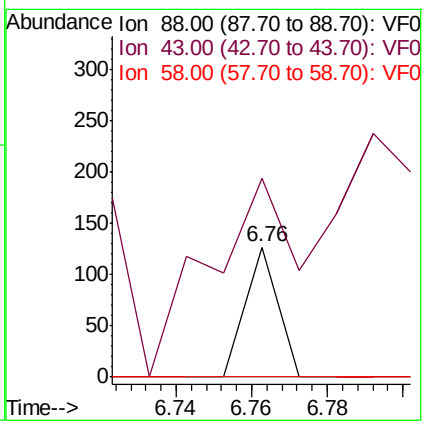


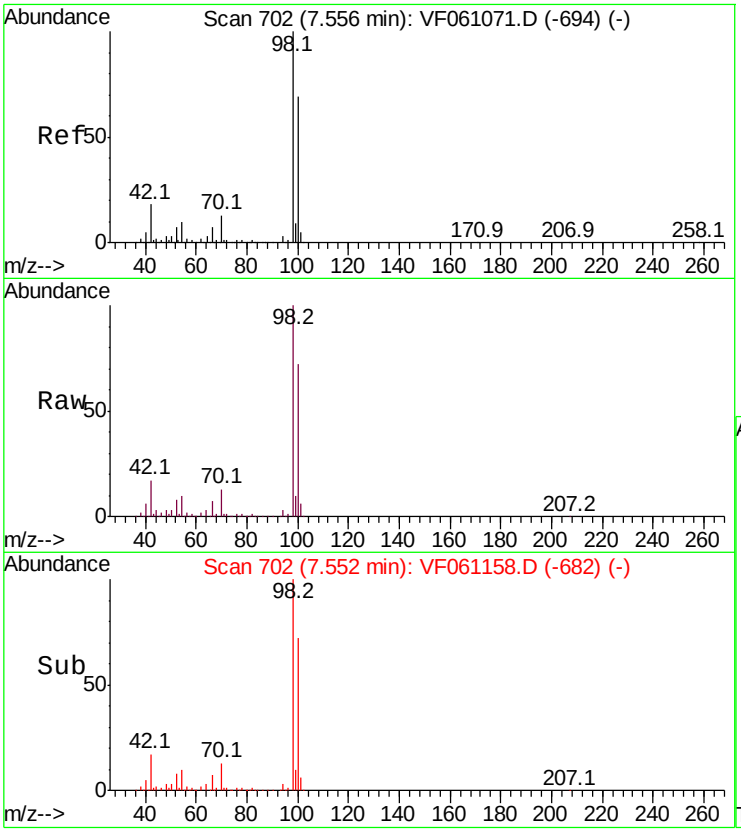


#49
1,4-Dioxane
Concen: 7.099 ug/l
RT: 6.76 min Scan# 622
Delta R.T. 0.05 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	152.8	33.3	49.9#
58	0.0	53.2	79.8#



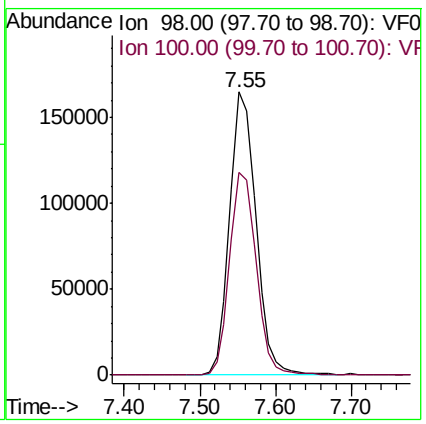


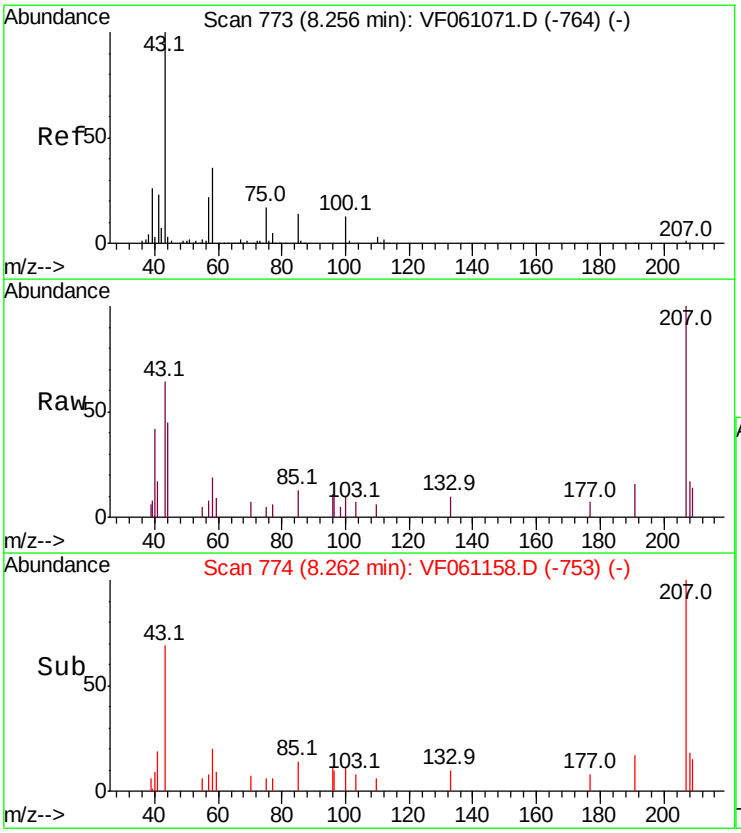
#50
Toluene-d8
Concen: 49.123 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 399032

Ion	Ratio	Lower	Upper
98	100		
100	71.8	55.3	82.9

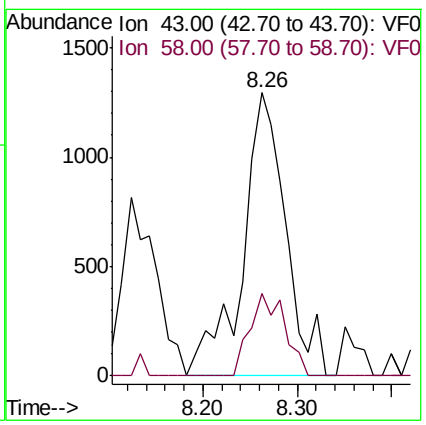


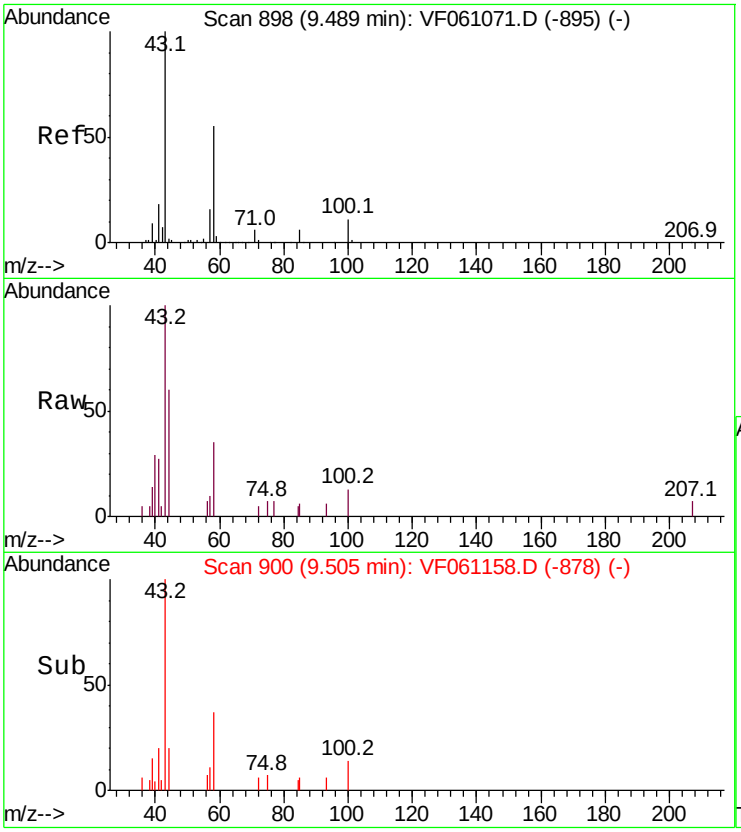


#51
4-Methyl-2-Pentanone
Concen: 2.875 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion: 43 Resp: 4112

Ion	Ratio	Lower	Upper
43	100		
58	29.3	29.1	43.7



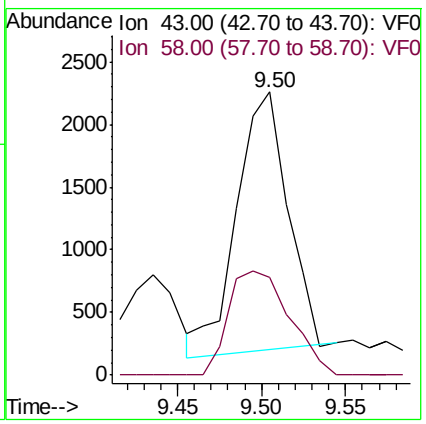


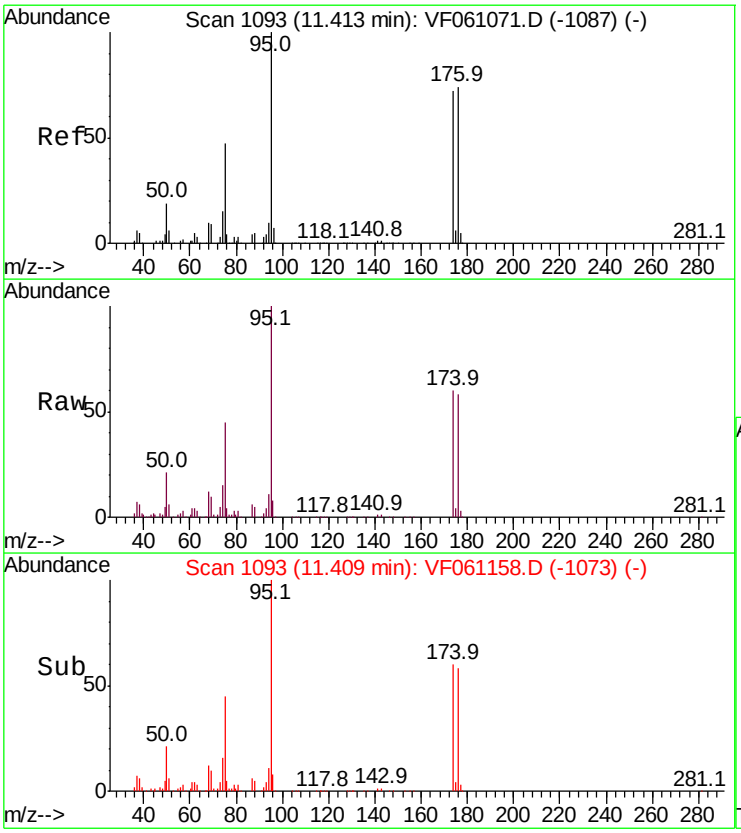
#59
2-Hexanone
Concen: 4.232 ug/l
RT: 9.50 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4377

Ion	Ratio	Lower	Upper
43	100		
58	34.7	25.1	75.2

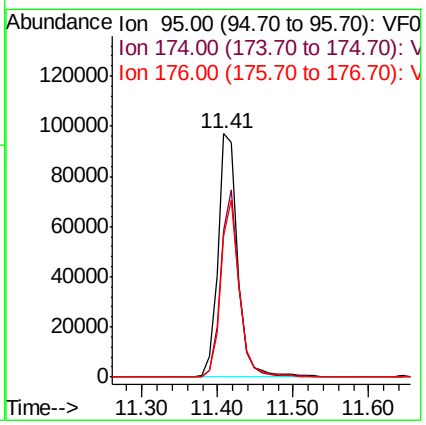


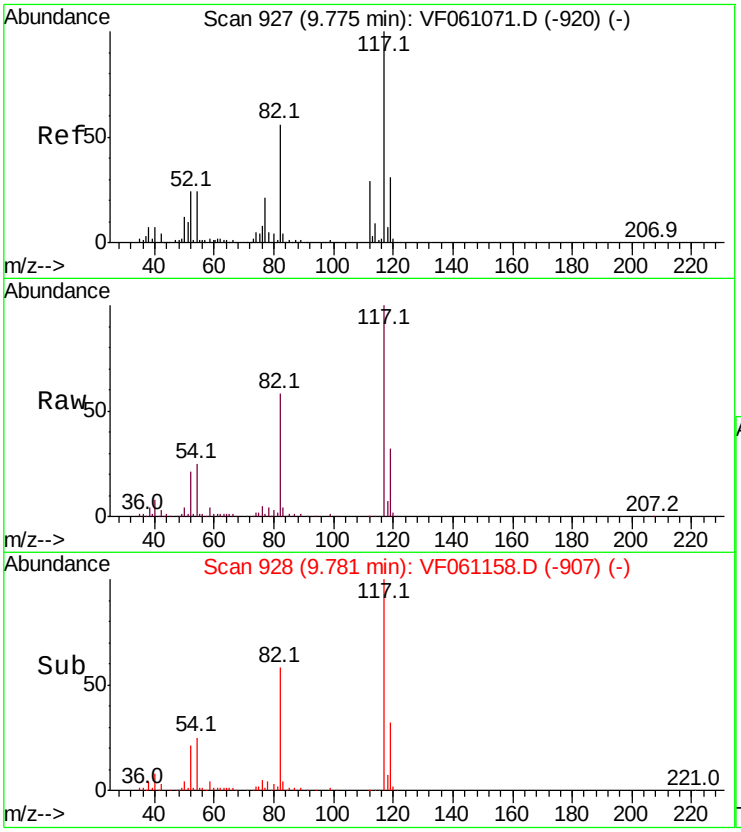


#62
4-Bromofluorobenzene
Concen: 47.753 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion: 95 Resp: 178830

Ion	Ratio	Lower	Upper
95	100		
174	59.9	0.0	143.8
176	58.0	0.0	147.6



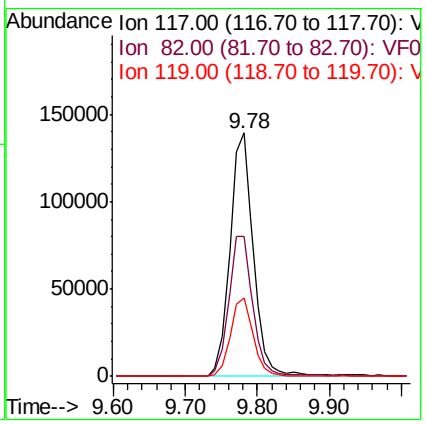


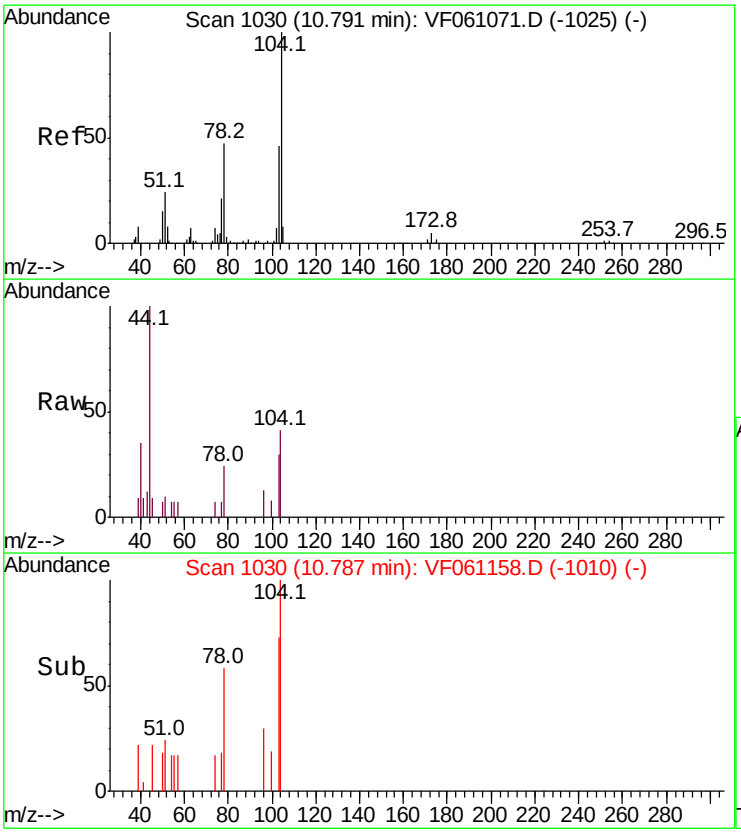
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 314106

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.0	67.4
119	32.2	24.8	37.2

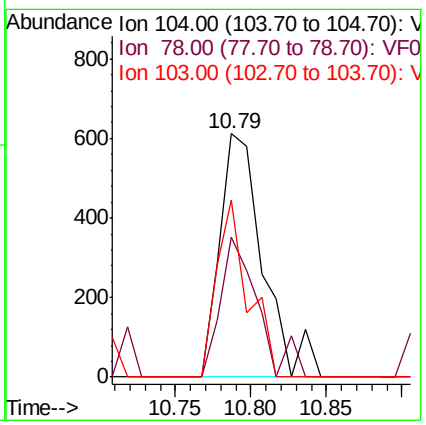


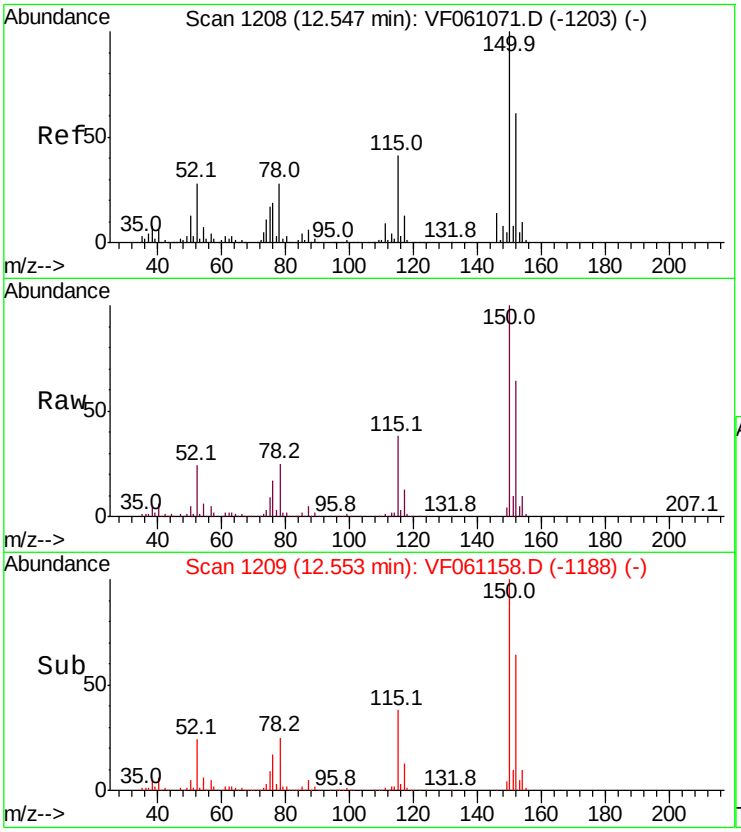


#70
Styrene
Concen: Below Cal
RT: 10.79 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion:104 Resp: 1216

Ion	Ratio	Lower	Upper
104	100		
78	57.7	38.4	57.6#
103	72.9	37.0	55.6#



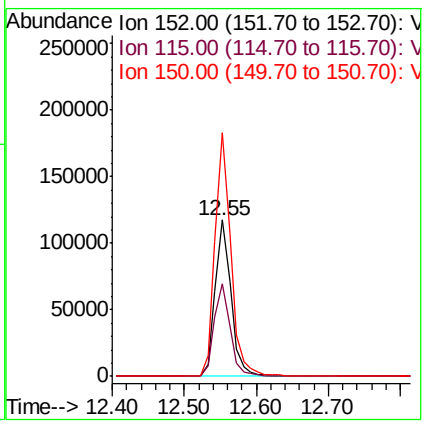


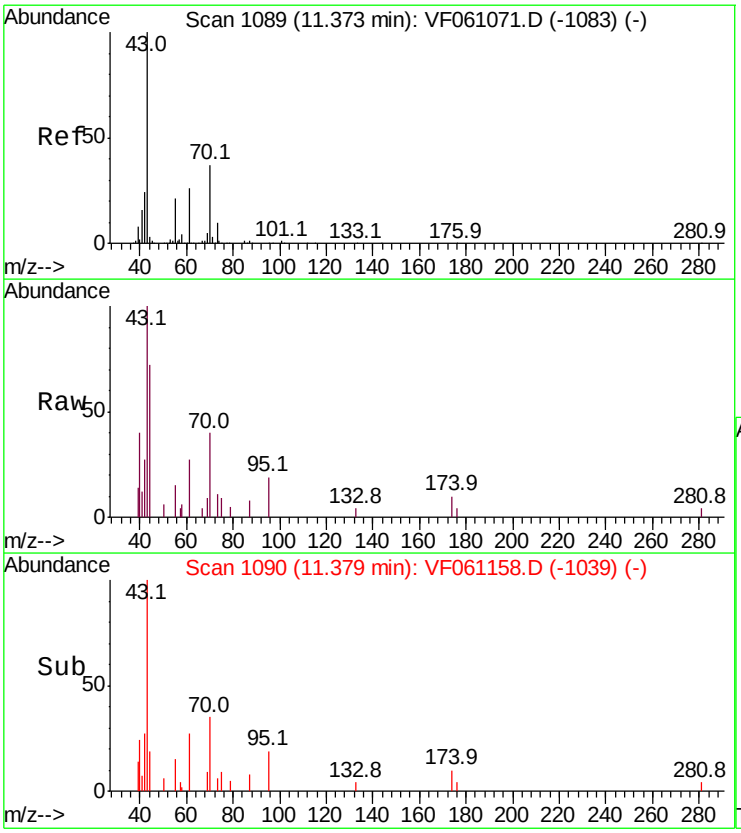
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 176803

Ion	Ratio	Lower	Upper
152	100		
115	59.6	33.3	99.9
150	155.8	0.0	328.2

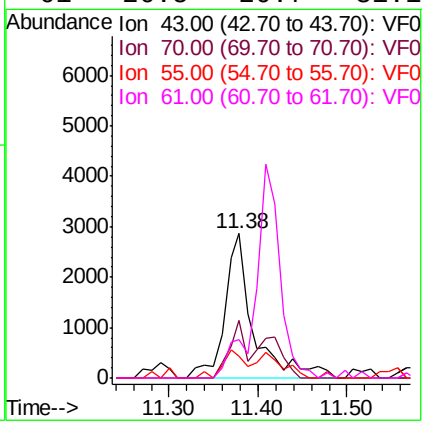


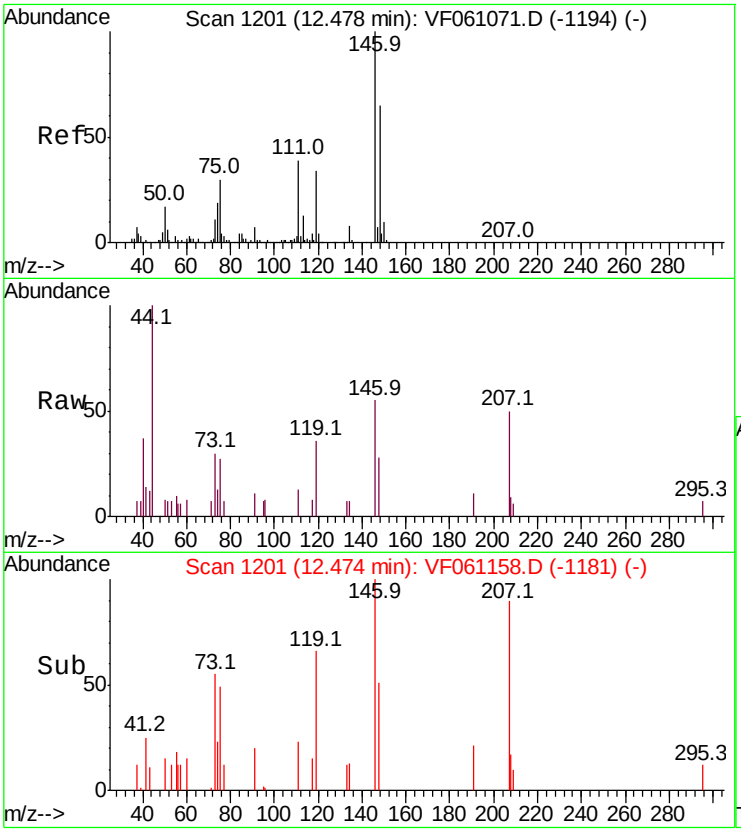


#74
N-amyl acetate
Concen: 1.912 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion: 43 Resp: 6469

Ion	Ratio	Lower	Upper
43	100		
70	40.1	29.2	43.8
55	15.5	16.5	24.7#
61	26.5	20.7	31.1



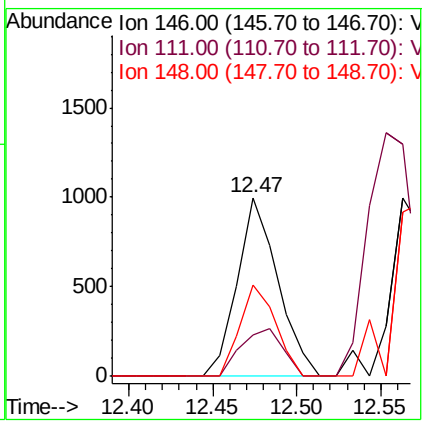


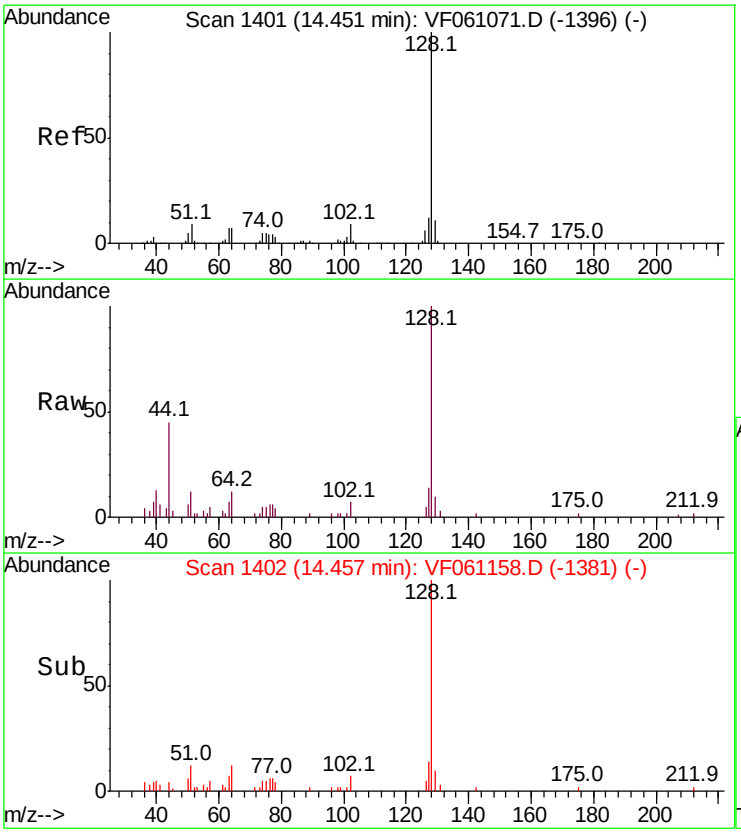
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.47 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 1669

Ion	Ratio	Lower	Upper
146	100		
111	23.0	19.3	57.9
148	50.9	32.4	97.2





#95
Naphthalene
Concen: 1.311 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061158.D
Acq: 24 Dec 2018 11:43

Tgt Ion:128 Resp: 9953

Ion	Ratio	Lower	Upper
128	100		
127	14.5	9.4	14.2#
129	10.4	8.8	13.2