Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122418\
Data File : VF061173.D
Acq On : 24 Dec 2018 19:02
Operator : VA/AP
Sample : J6389-12RE
Misc : 6.01g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:49:14 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	4.88	168	186466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	322952	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	251987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	101581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	102097	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.14%			
35) Dibromofluoromethane	4.12	113	130024	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.52%			
50) Toluene-d8	7.56	98	325527	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.80%			
62) 4-Bromofluorobenzene	11.41	95	120768	35.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.46%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	178	1.839	ug/l #	65
13) Acrolein	2.06	56	387	5.534	ug/l	99
15) Acrylonitrile	2.94	53	323	1.443	ug/l #	13
16) Acetone	2.23	43	21778	45.424	ug/l #	85
18) Methyl Acetate	2.34	43	3200	3.226	ug/l #	91
20) Methylene Chloride	2.27	84	324	Below Cal	#	59
25) 2-Butanone	4.36	43	2822	3.629	ug/l #	91
29) Tetrahydrofuran	4.07	42	707	2.234	ug/l #	51
52) Toluene	7.63	92	27267	4.914	ug/l	96
59) 2-Hexanone	9.50	43	1065	1.141	ug/l #	27
67) Ethyl Benzene	9.91	91	11658	1.229	ug/l	95
68) m/p-Xylenes	10.14	106	35713	10.700	ug/l	86
69) o-Xylene	10.72	106	14308	3.865	ug/l	77
70) Styrene	10.79	104	400	Below Cal	#	30
78) n-propylbenzene	11.60	91	1032	Below Cal	#	55
87) 1,3-Dichlorobenzene	12.49	146	60	Below Cal	#	25

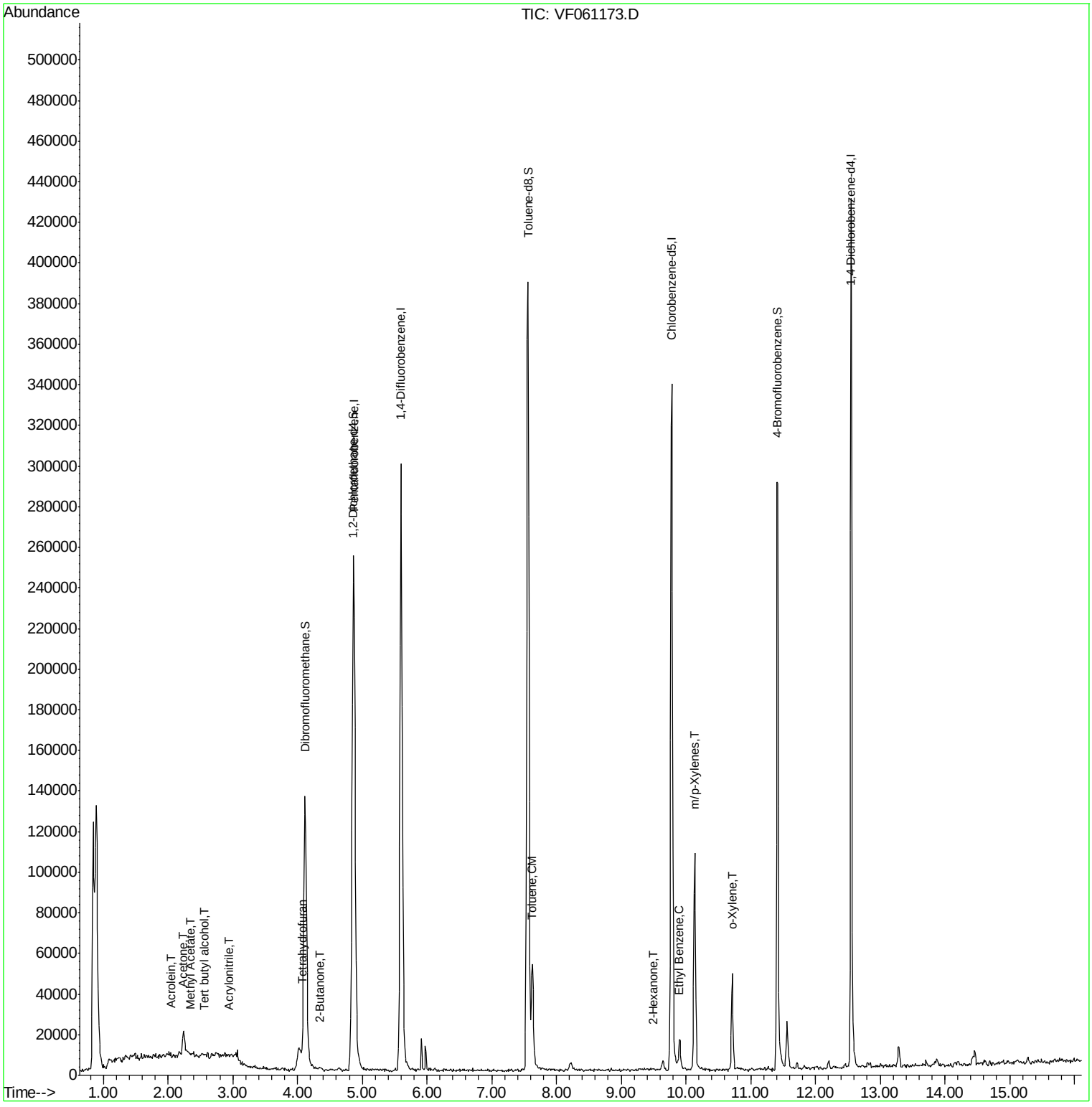
(#) = qualifier out of range (m) = manual integration (+) = signals summed

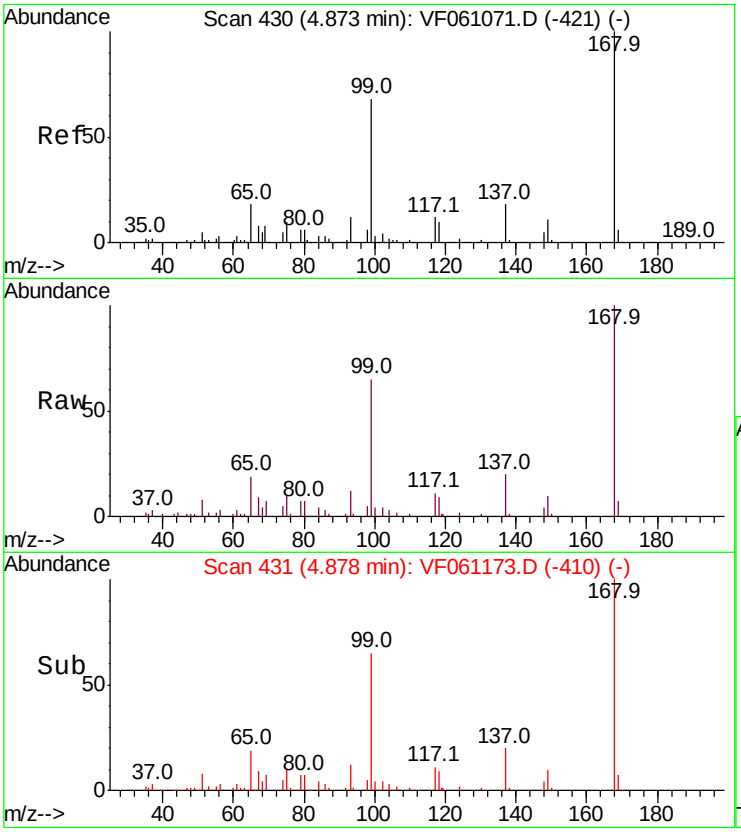
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061173.D
Acq On : 24 Dec 2018 19:02
Operator : VA/AP
Sample : J6389-12RE
Misc : 6.01g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:49:14 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



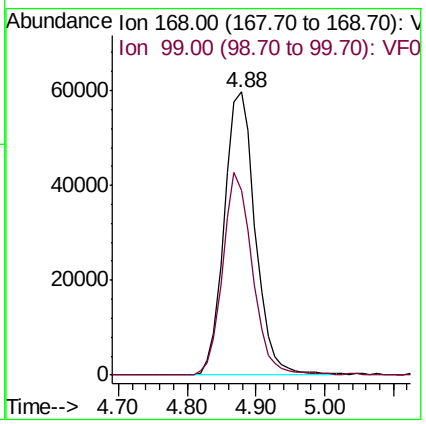


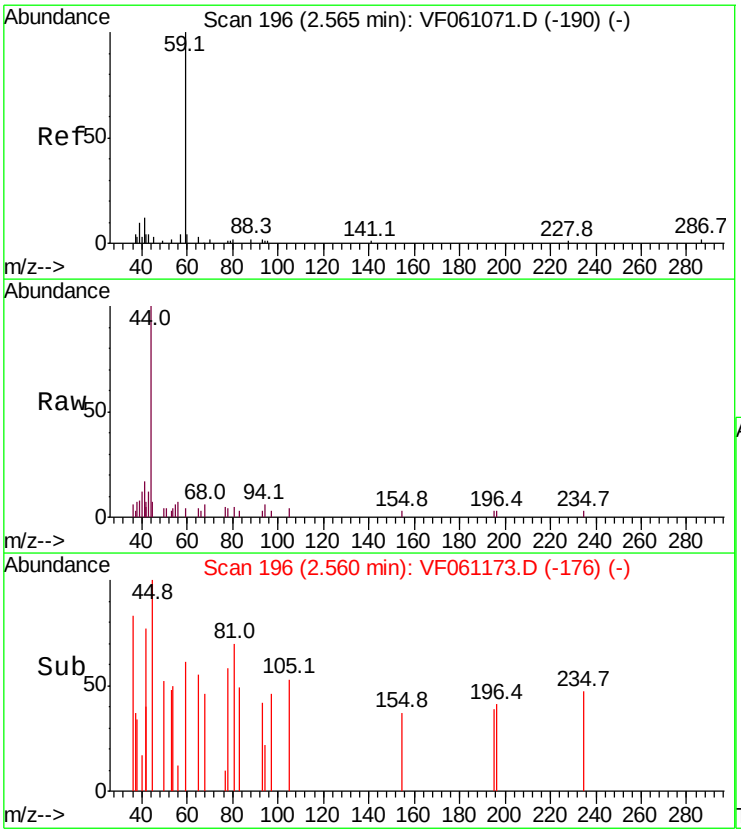
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 186466

Ion	Ratio	Lower	Upper
168	100		
99	65.3	54.4	81.6

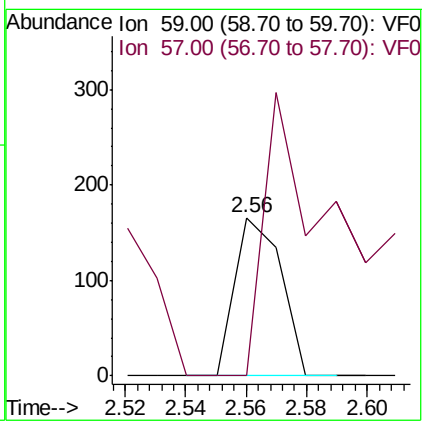


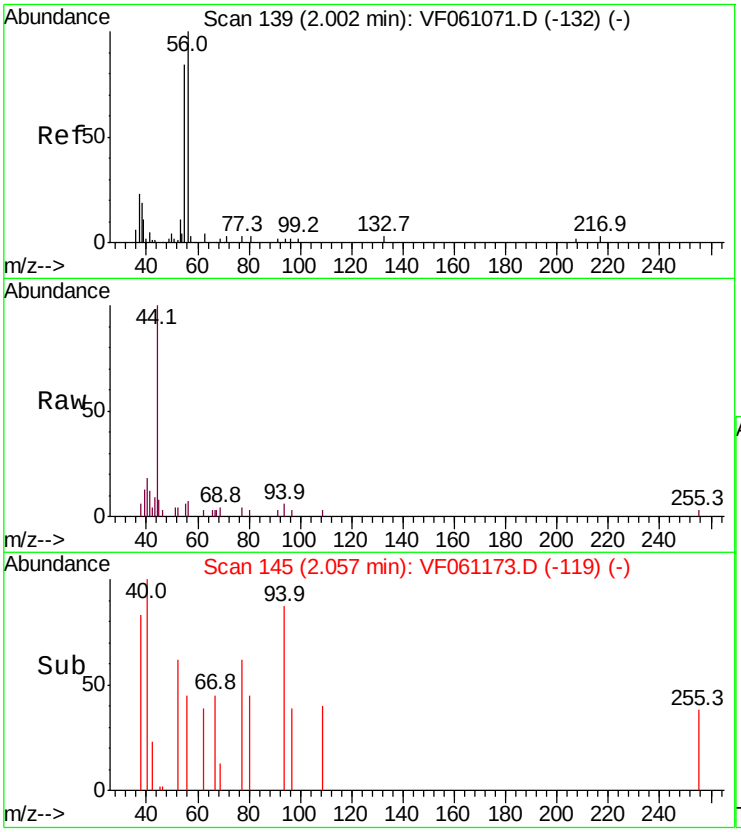


#11
Tert butyl alcohol
Concen: 1.839 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion: 59 Resp: 178

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.5	17.3#



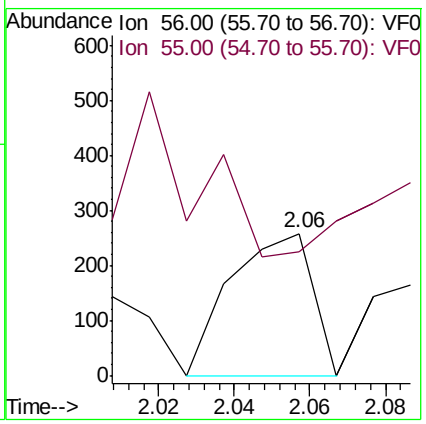


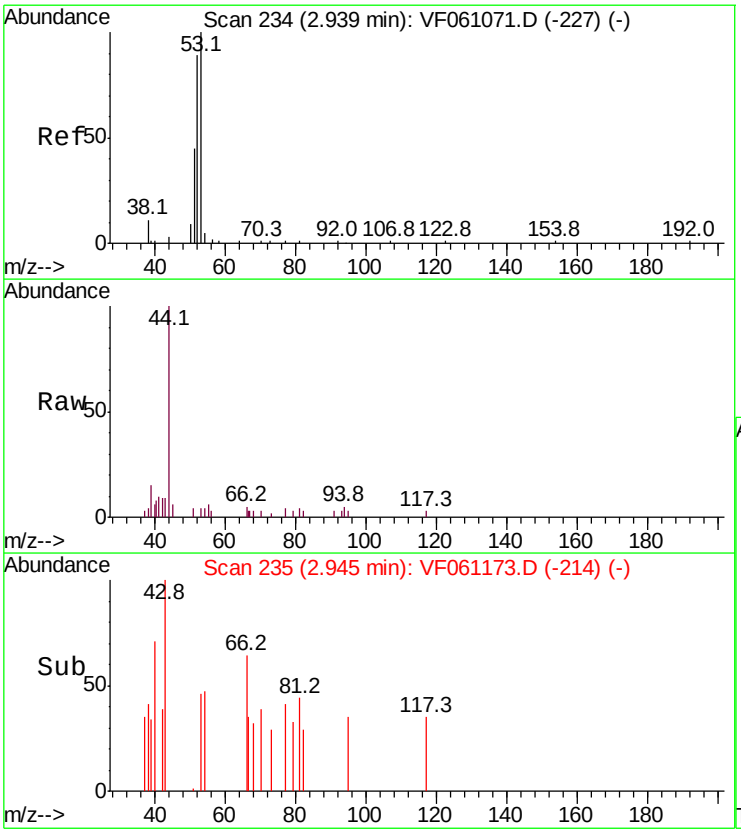
#13
Acrolein
Concen: 5.534 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.06 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 387

Ion	Ratio	Lower	Upper
56	100		
55	86.8	70.2	105.2

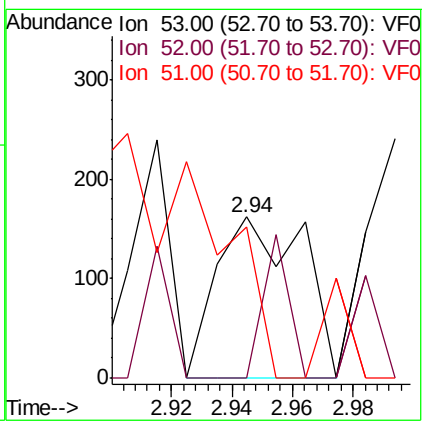


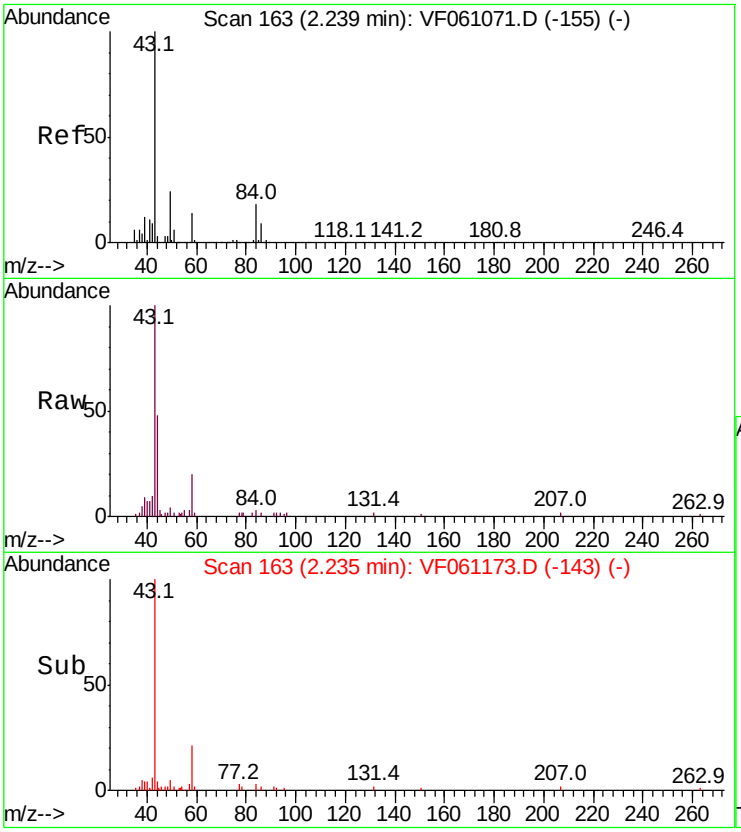


#15
Acrylonitrile
Concen: 1.443 ug/l
RT: 2.94 min Scan# 235
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion: 53 Resp: 323

Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	93.8	36.8	55.2#



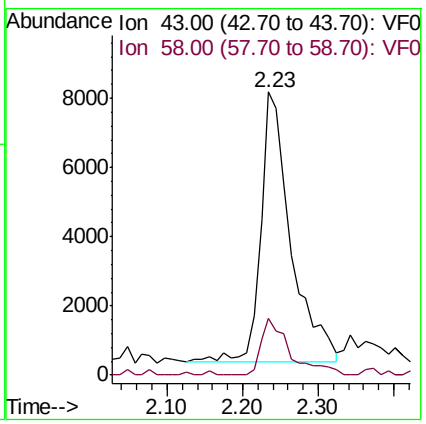


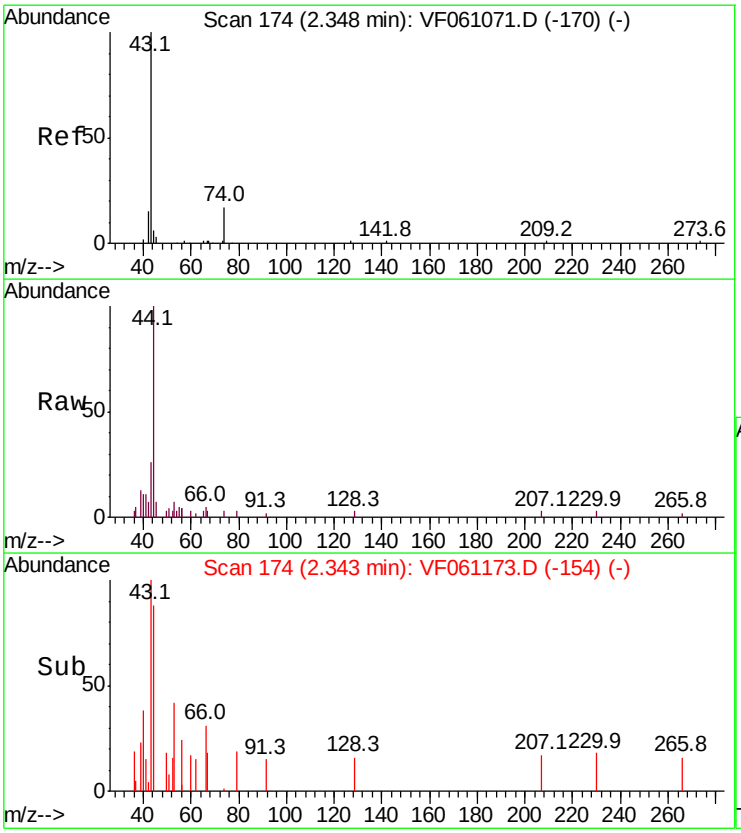
#16
Acetone
Concen: 45.424 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 21778

Ion	Ratio	Lower	Upper
43	100		
58	19.9	11.1	16.7#

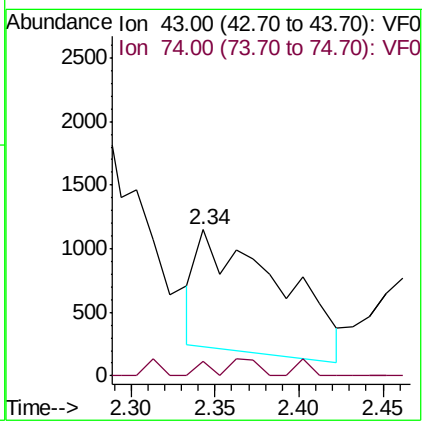


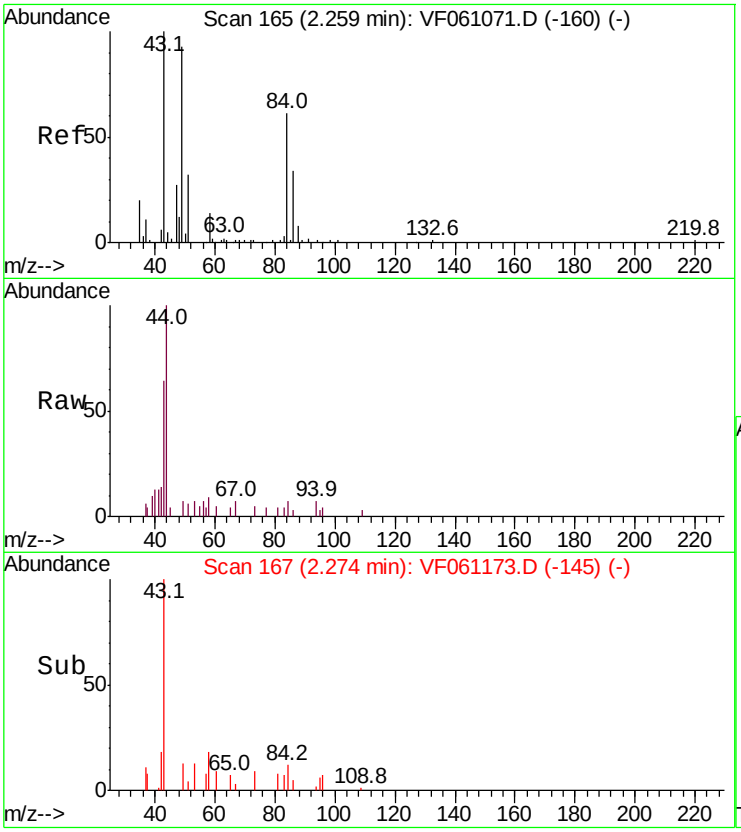


#18
Methyl Acetate
Concen: 3.226 ug/l
RT: 2.34 min Scan# 174
Delta R.T. -0.00 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion: 43 Resp: 3200

Ion	Ratio	Lower	Upper
43	100		
74	10.4	11.0	16.6#



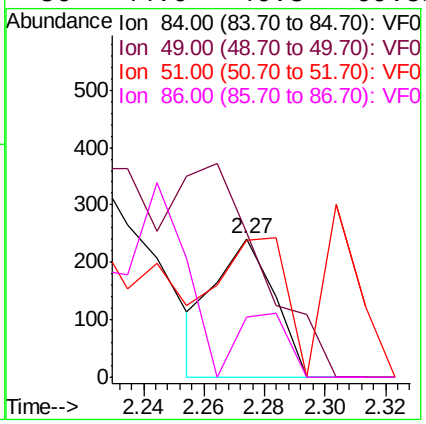


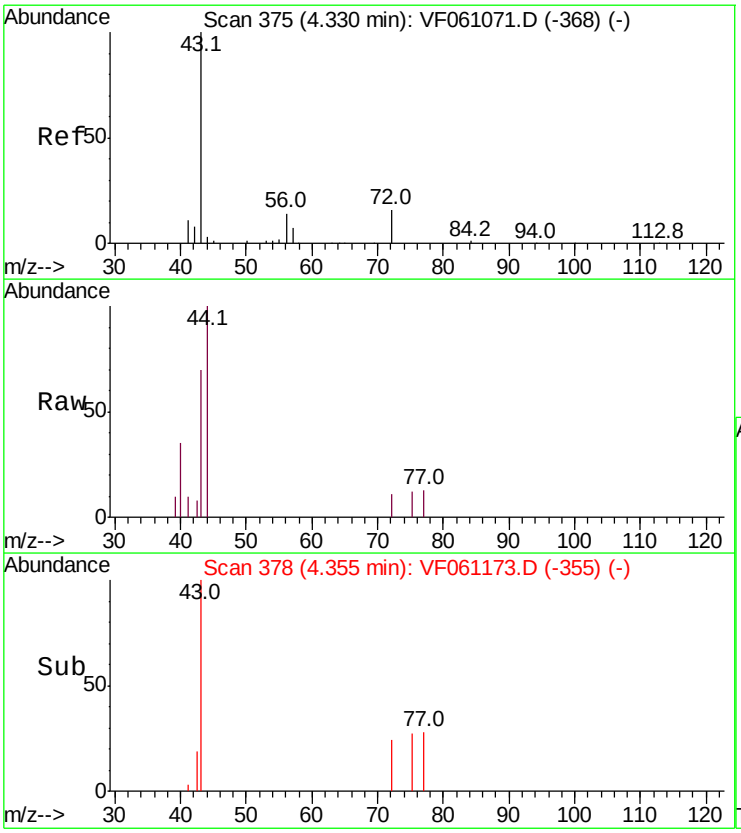
#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 167
Delta R.T. 0.02 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 324

Ion	Ratio	Lower	Upper
84	100		
49	105.0	129.4	194.2#
51	99.2	44.0	66.0#
86	44.0	46.3	69.5#

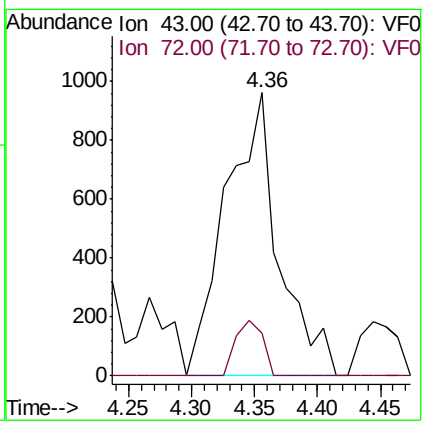


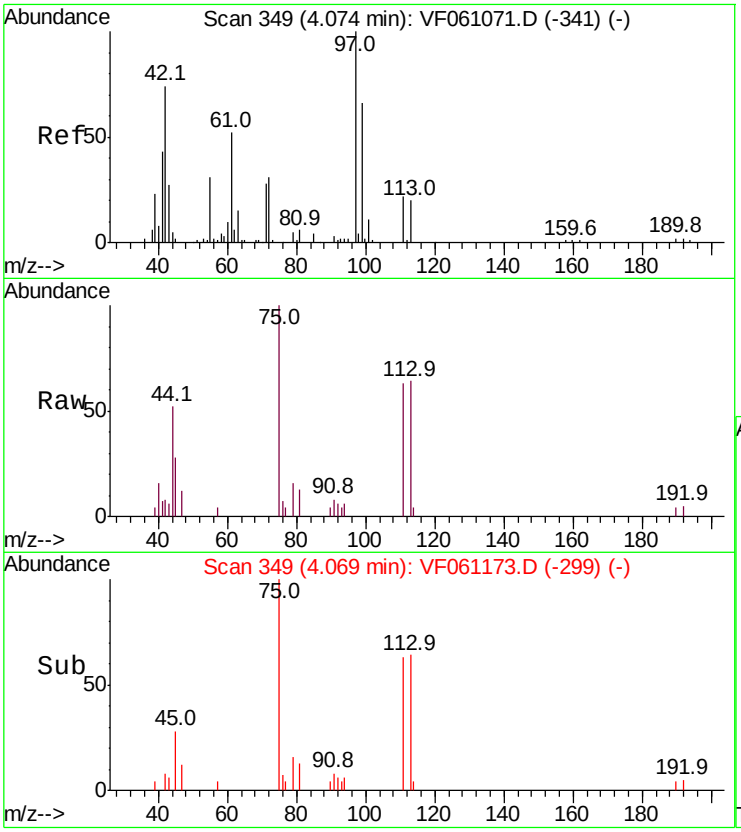


#25
2-Butanone
Concen: 3.629 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.03 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion: 43 Resp: 2822

Ion	Ratio	Lower	Upper
43	100		
72	15.3	15.6	23.4#



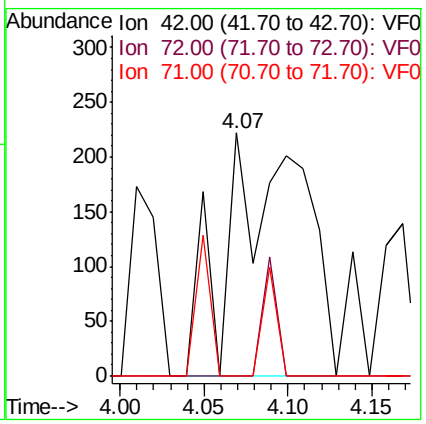


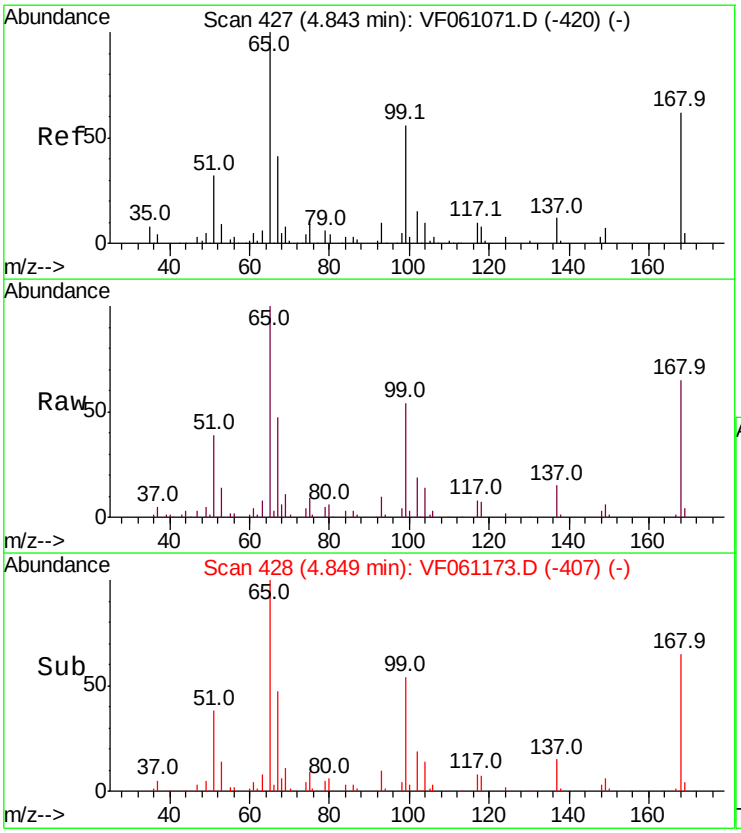
#29
Tetrahydrofuran
Concen: 2.234 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.00 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 707

Ion	Ratio	Lower	Upper
42	100		
72	9.2	31.8	47.8#
71	8.3	29.7	44.5#

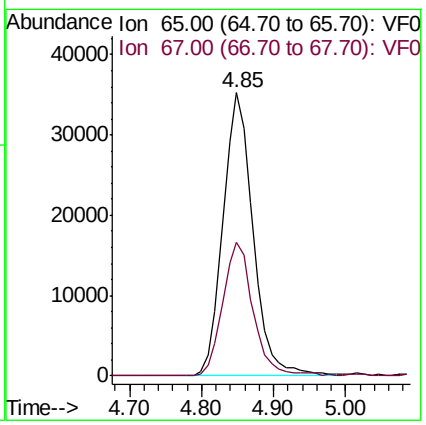


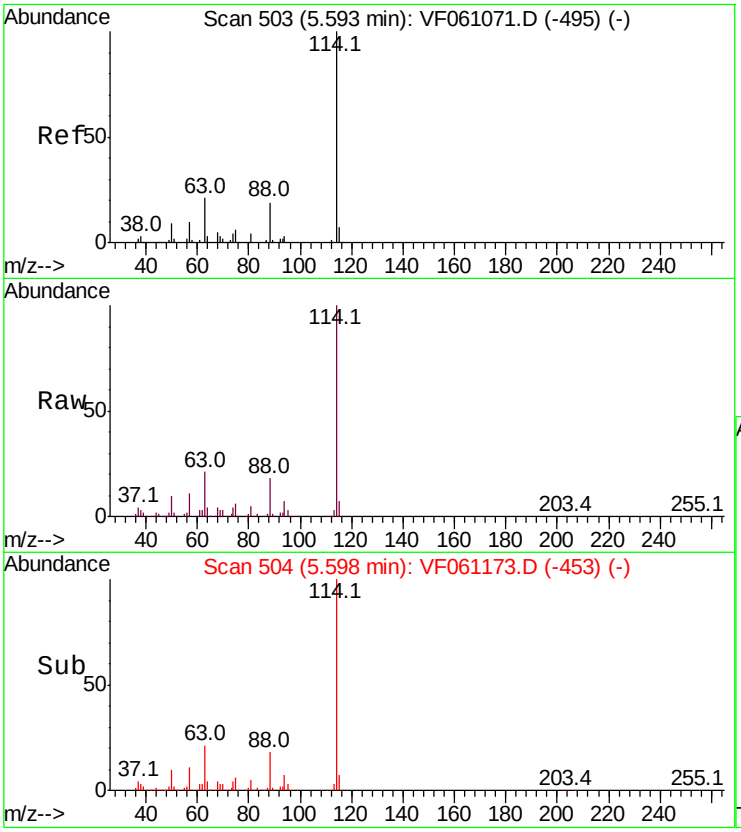


#33
1,2-Dichloroethane-d4
Concen: 42.571 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion: 65 Resp: 102097

Ion	Ratio	Lower	Upper
65	100		
67	47.4	0.0	94.6



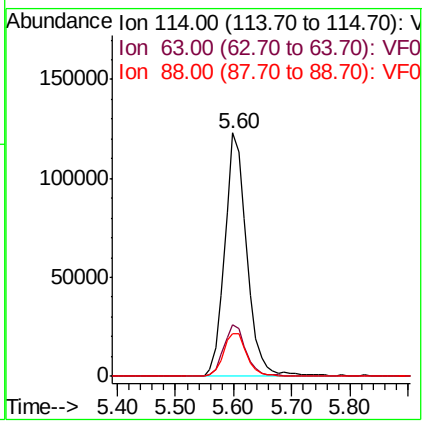


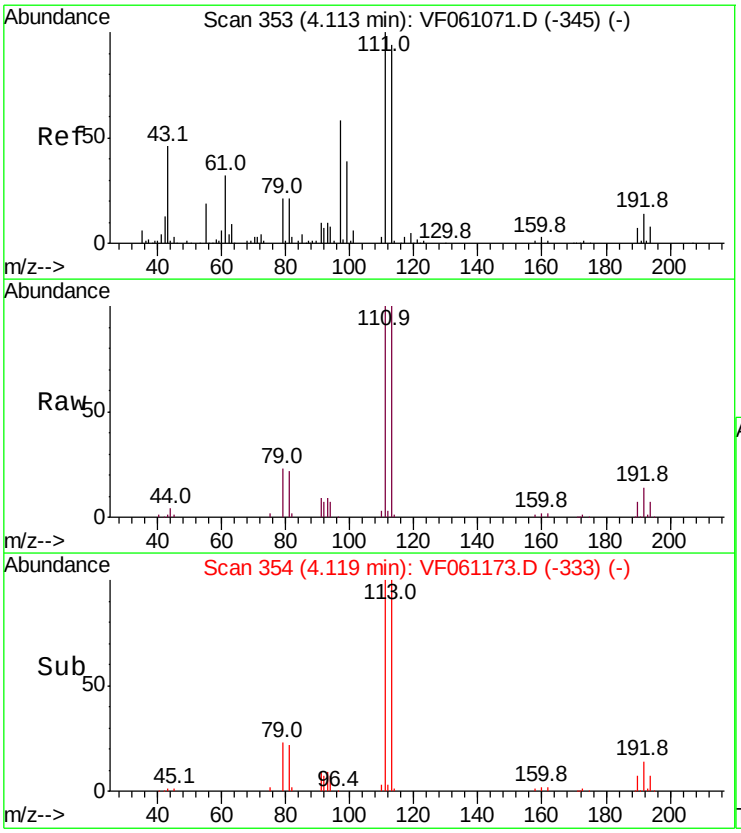
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 322952

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.6
88	17.7	0.0	38.0

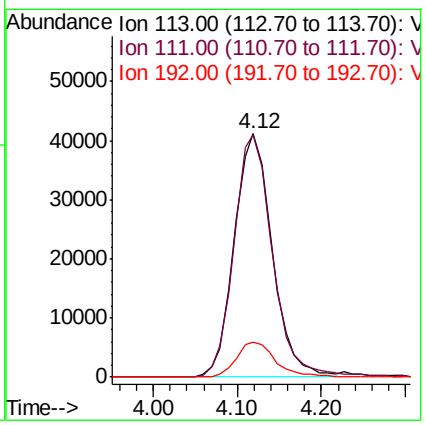


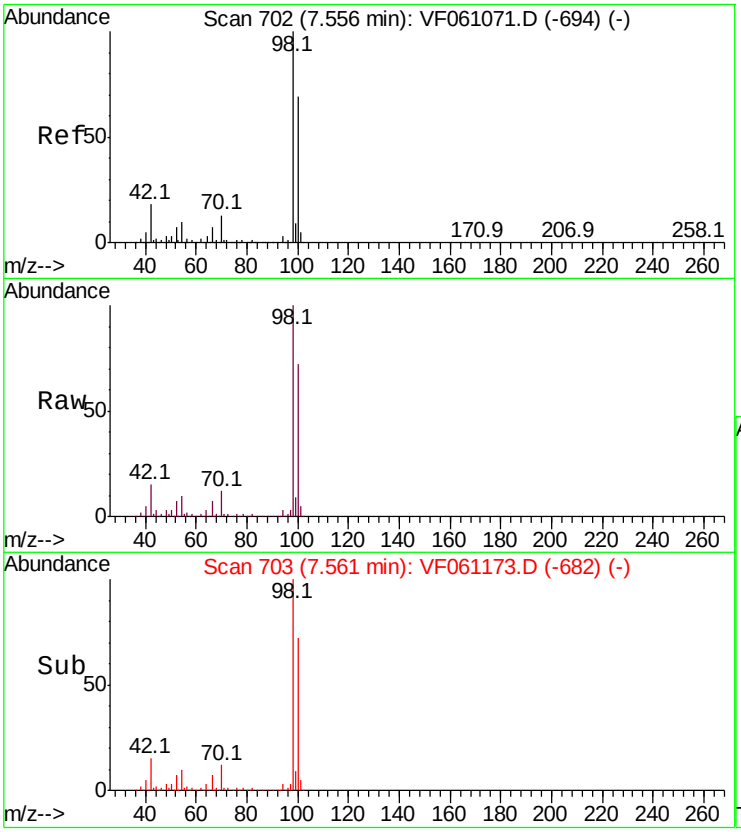


#35
Dibromofluoromethane
Concen: 50.260 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion:113 Resp: 130024

Ion	Ratio	Lower	Upper
113	100		
111	99.7	85.2	127.8
192	14.2	12.8	19.2



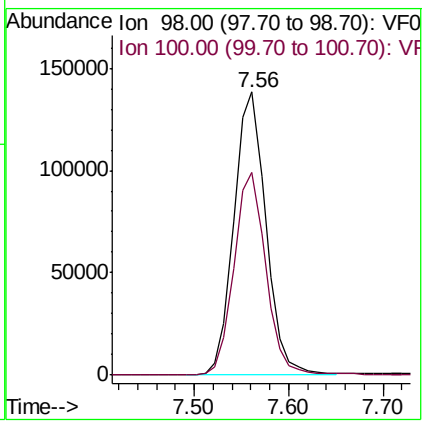


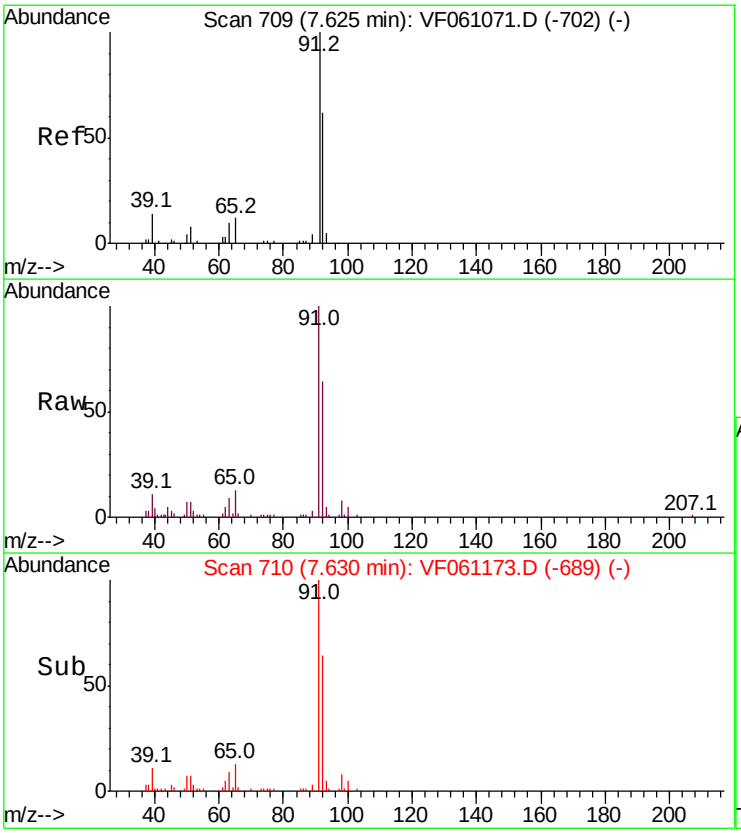
#50
Toluene-d8
Concen: 44.402 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 325527

Ion	Ratio	Lower	Upper
98	100		
100	71.5	55.3	82.9

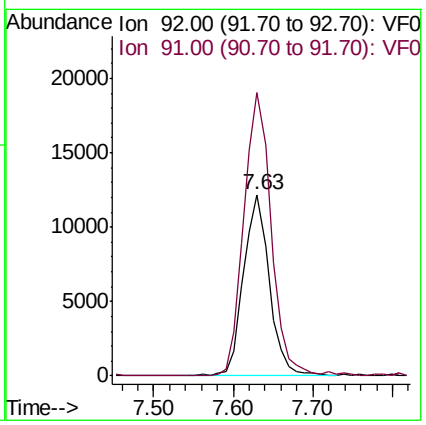


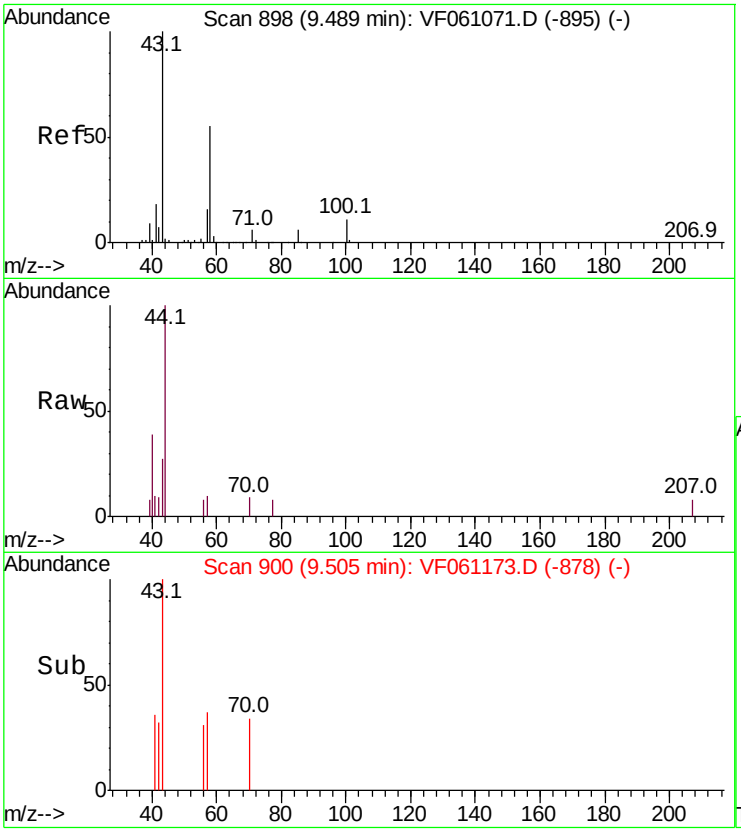


#52
Toluene
Concen: 4.914 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion: 92 Resp: 27267

Ion	Ratio	Lower	Upper
92	100		
91	156.0	128.8	193.2



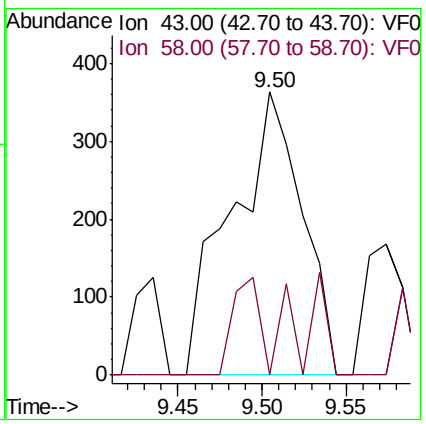


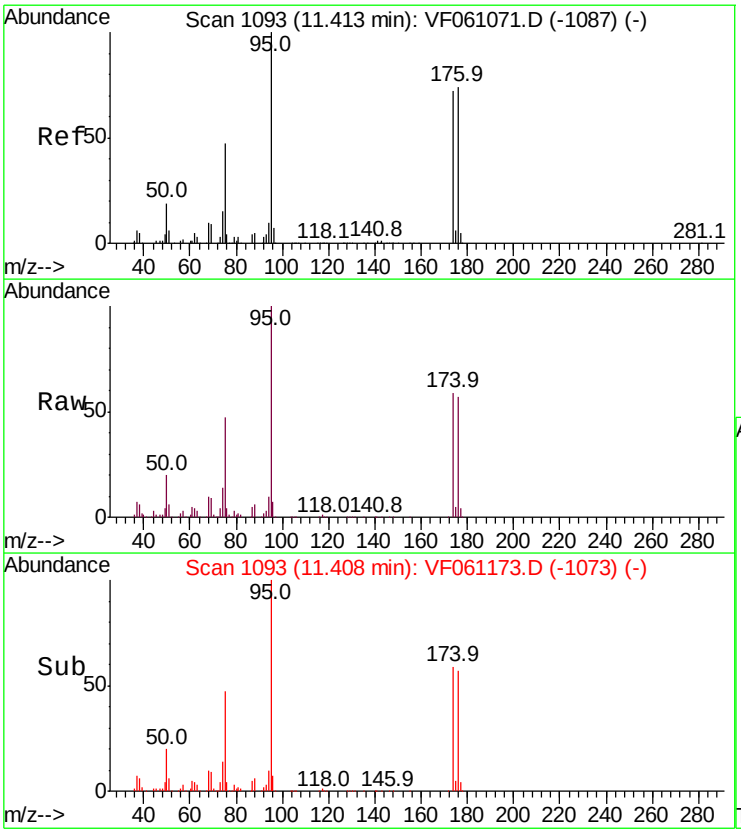
#59
2-Hexanone
Concen: 1.141 ug/l
RT: 9.50 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1065

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.2#

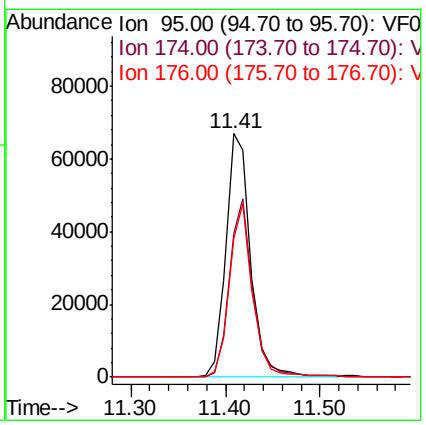


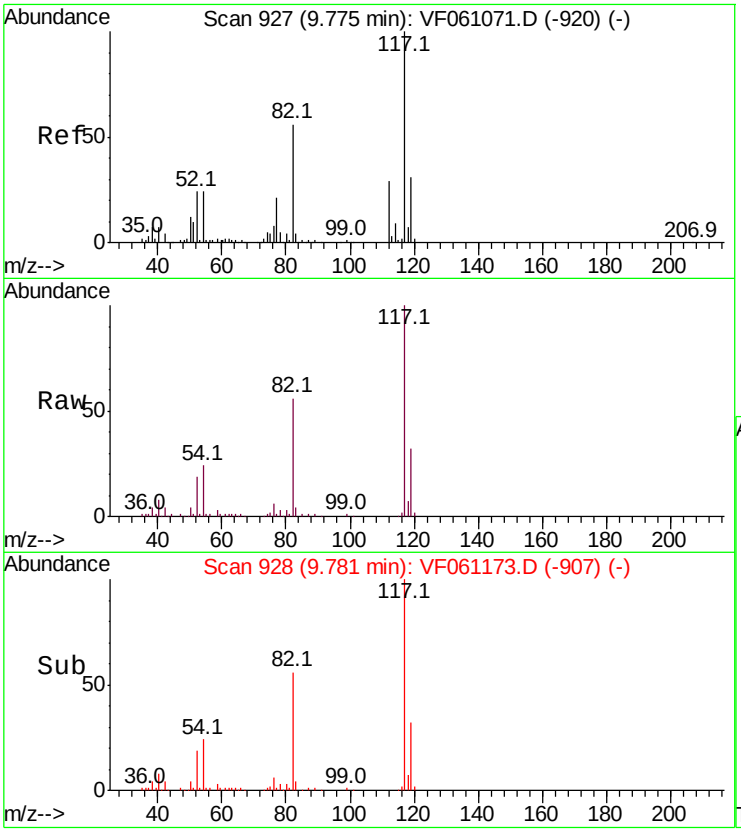


#62
4-Bromofluorobenzene
Concen: 35.732 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion: 95 Resp: 120768

Ion	Ratio	Lower	Upper
95	100		
174	59.2	0.0	143.8
176	57.0	0.0	147.6



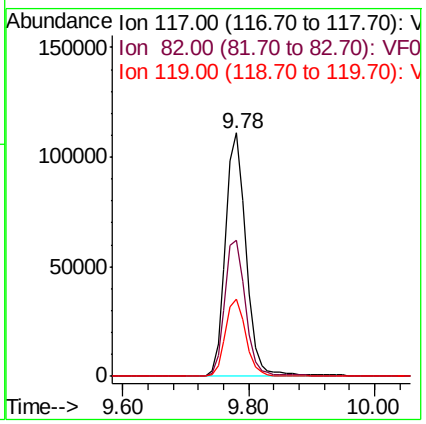


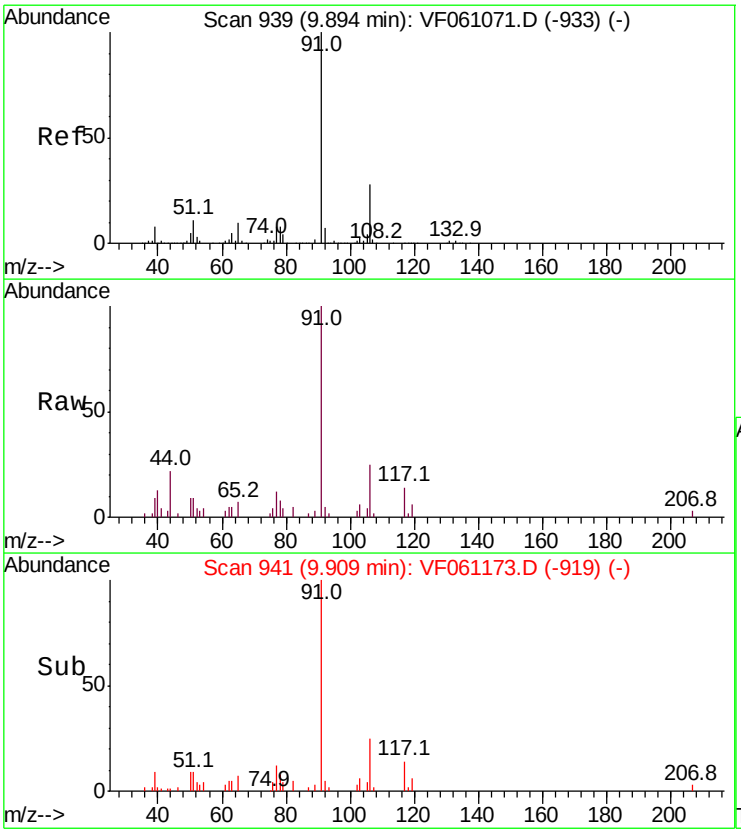
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 251987

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.0	67.4
119	31.8	24.8	37.2

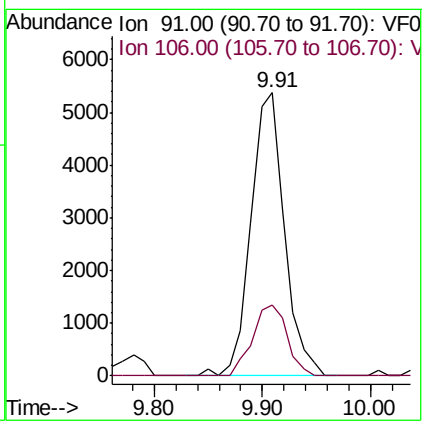


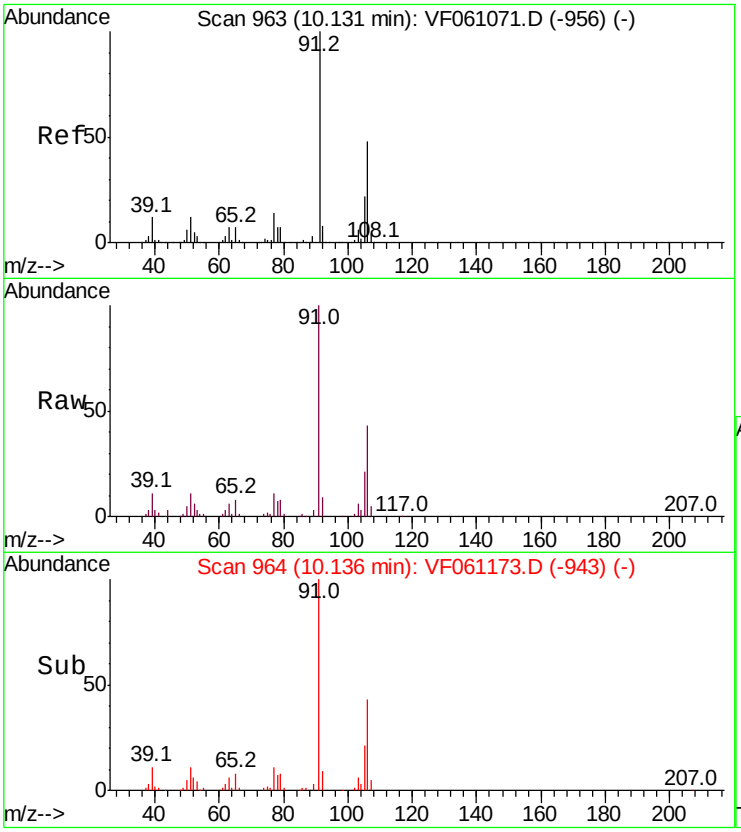


#67
Ethyl Benzene
Concen: 1.229 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.02 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion: 91 Resp: 11658

Ion	Ratio	Lower	Upper
91	100		
106	25.3	22.5	33.7



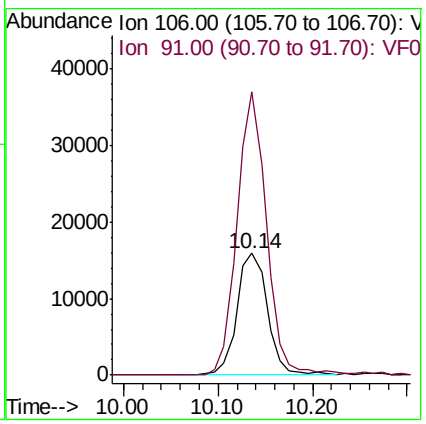


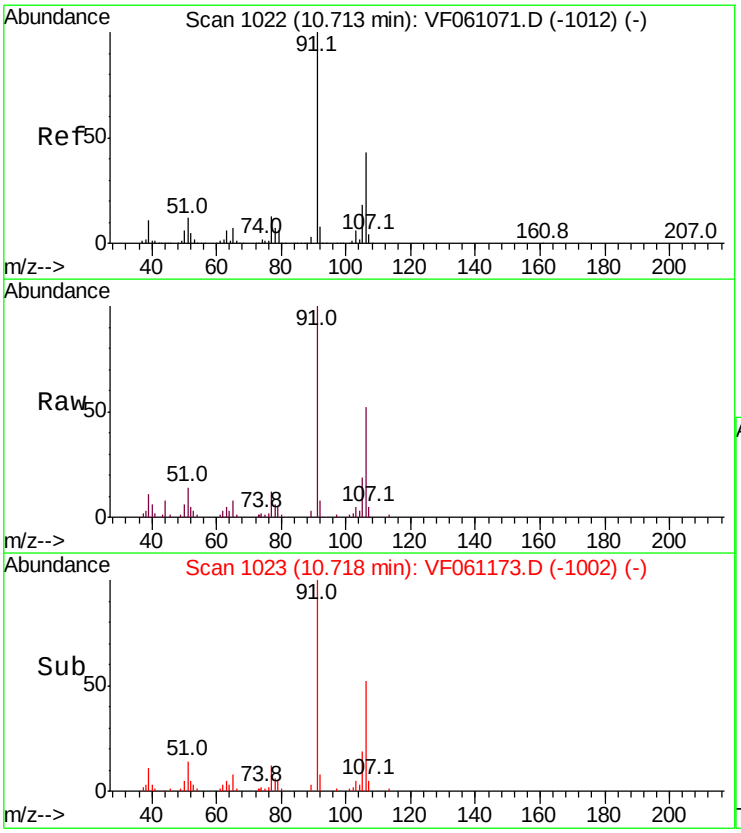
#68
m/p-Xylenes
Concen: 10.700 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:106 Resp: 35713

Ion	Ratio	Lower	Upper
106	100		
91	232.6	168.2	252.2

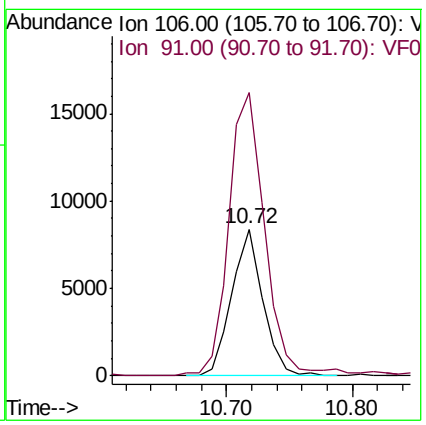


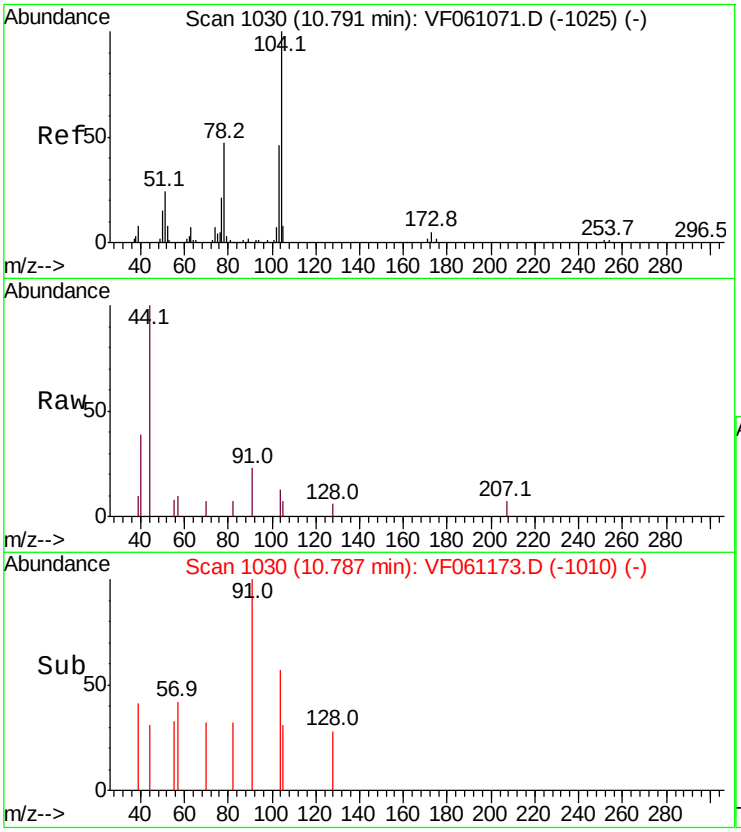


#69
o-Xylene
Concen: 3.865 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion:106 Resp: 14308

Ion	Ratio	Lower	Upper
106	100		
91	193.1	115.9	347.7



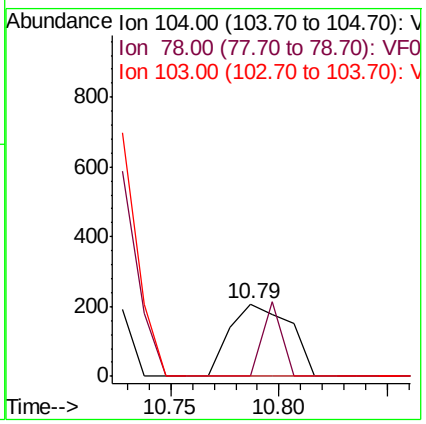


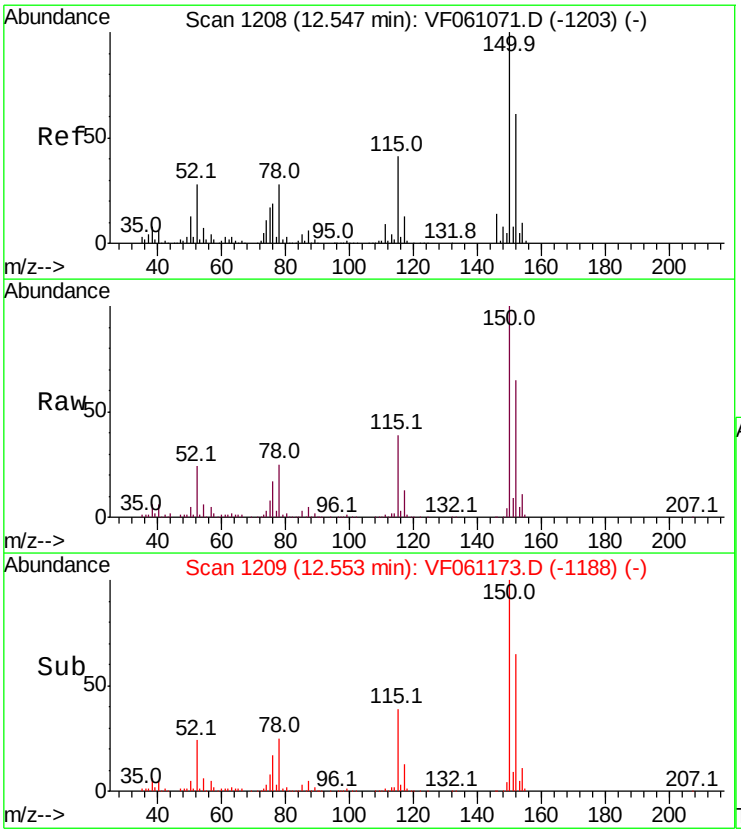
#70
Stvrene
Concen: Below Cal
RT: 10.79 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:104 Resp: 400

Ion	Ratio	Lower	Upper
104	100		
78	0.0	38.4	57.6#
103	0.0	37.0	55.6#

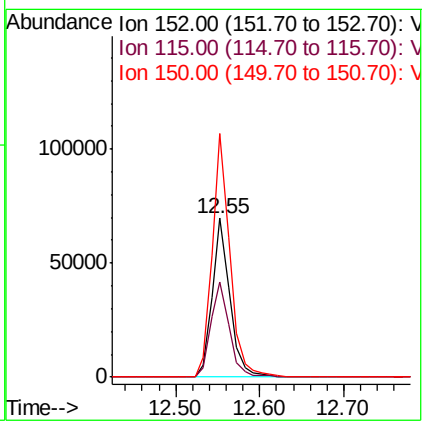


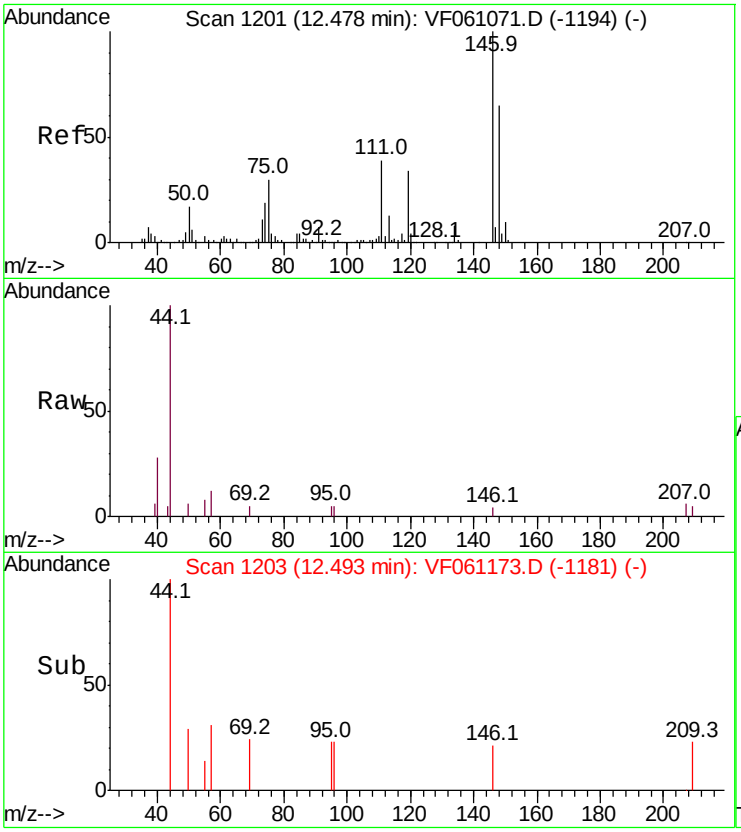


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Tgt Ion:152 Resp: 101581

Ion	Ratio	Lower	Upper
152	100		
115	59.8	33.3	99.9
150	153.1	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.49 min Scan# 1203
Delta R.T. 0.02 min
Lab File: VF061173.D
Acq: 24 Dec 2018 19:02

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 60

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.9#
148	0.0	32.4	97.2#