Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061163.D
Acq On : 24 Dec 2018 14:14
Operator : VA/AP
Sample : J6389-06RE
Misc : 5.84g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:47:40 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	196260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	351610	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	262598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	96805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	128757	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.02%			
35) Dibromofluoromethane	4.12	113	145765	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.50%			
50) Toluene-d8	7.56	98	346814	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.90%			
62) 4-Bromofluorobenzene	11.42	95	122224	33.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.44%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	399	3.917	ug/l #	1
13) Acrolein	1.84	56	360	4.891	ug/l	85
15) Acrylonitrile	2.94	53	332	1.409	ug/l #	59
16) Acetone	2.24	43	25208	49.954	ug/l	97
18) Methyl Acetate	2.36	43	1604	1.536	ug/l #	87
20) Methylene Chloride	2.24	84	1297	Below Cal	#	73
49) 1,4-Dioxane	6.37	88	74	7.129	ug/l #	23
51) 4-Methyl-2-Pentanone	8.27	43	1984	1.412	ug/l	95
59) 2-Hexanone	9.50	43	1289	1.268	ug/l	84
70) Styrene	10.79	104	443	Below Cal		90
78) n-propylbenzene	11.61	91	1187	Below Cal	#	12
87) 1,3-Dichlorobenzene	12.47	146	372	Below Cal	#	24

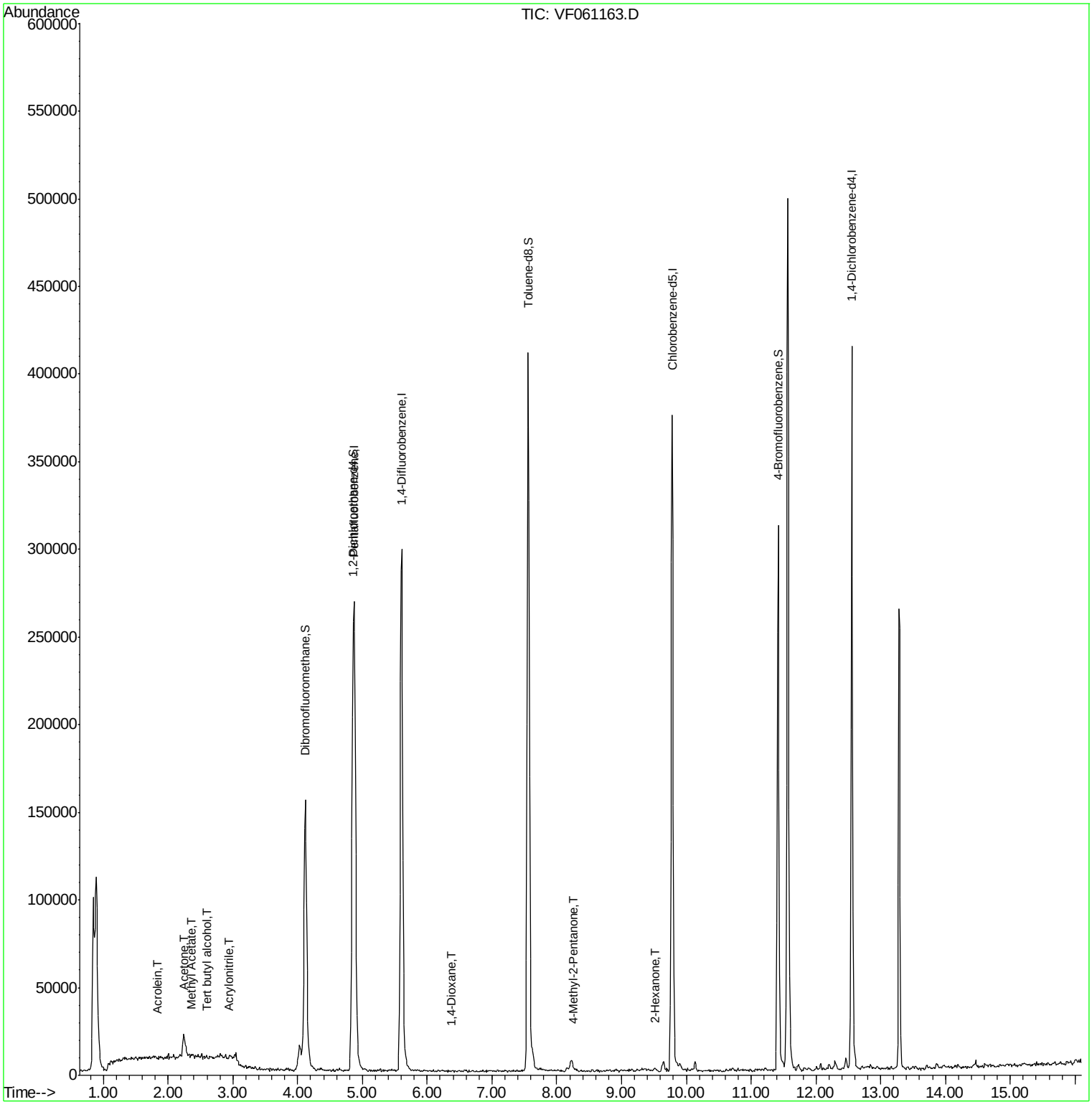
(#) = qualifier out of range (m) = manual integration (+) = signals summed

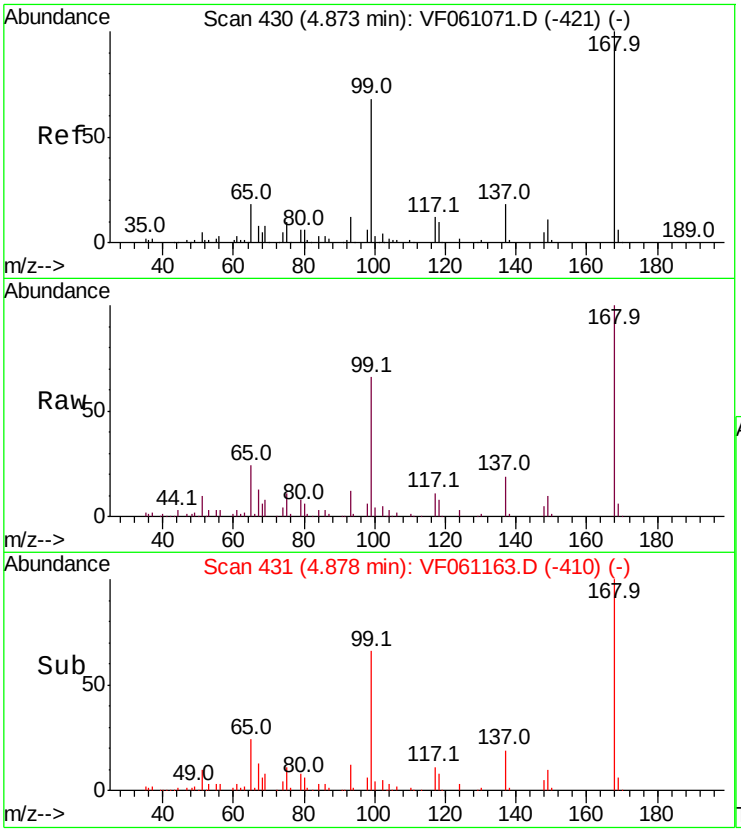
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061163.D
Acq On : 24 Dec 2018 14:14
Operator : VA/AP
Sample : J6389-06RE
Misc : 5.84g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:47:40 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



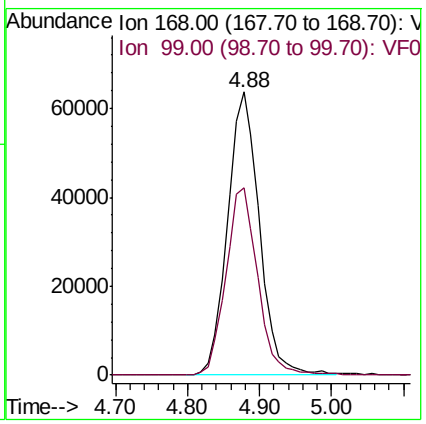


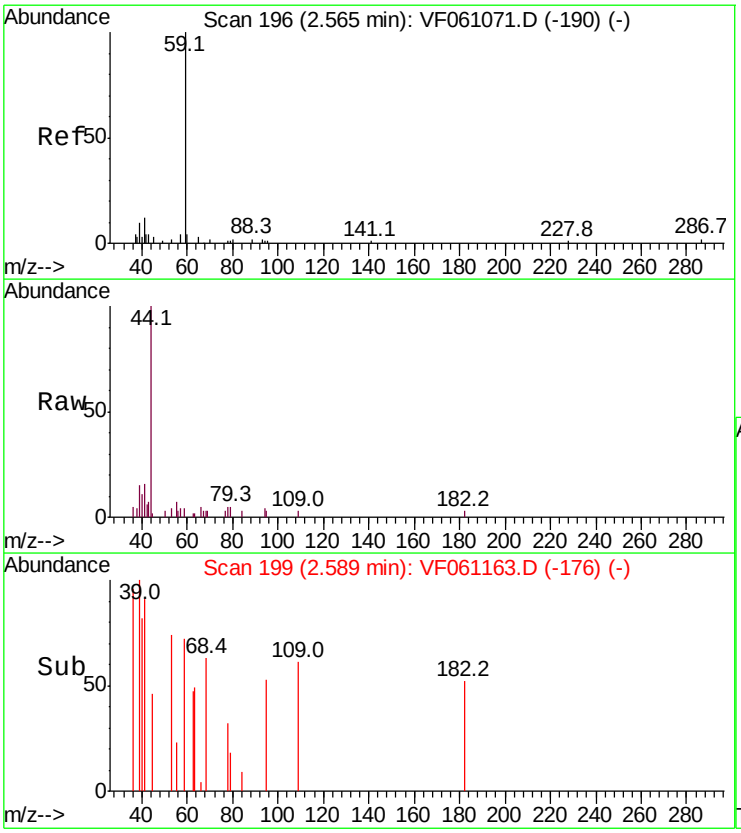
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 196260

Ion	Ratio	Lower	Upper
168	100		
99	66.2	54.4	81.6

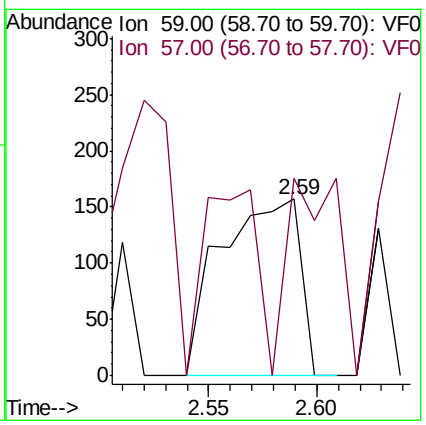


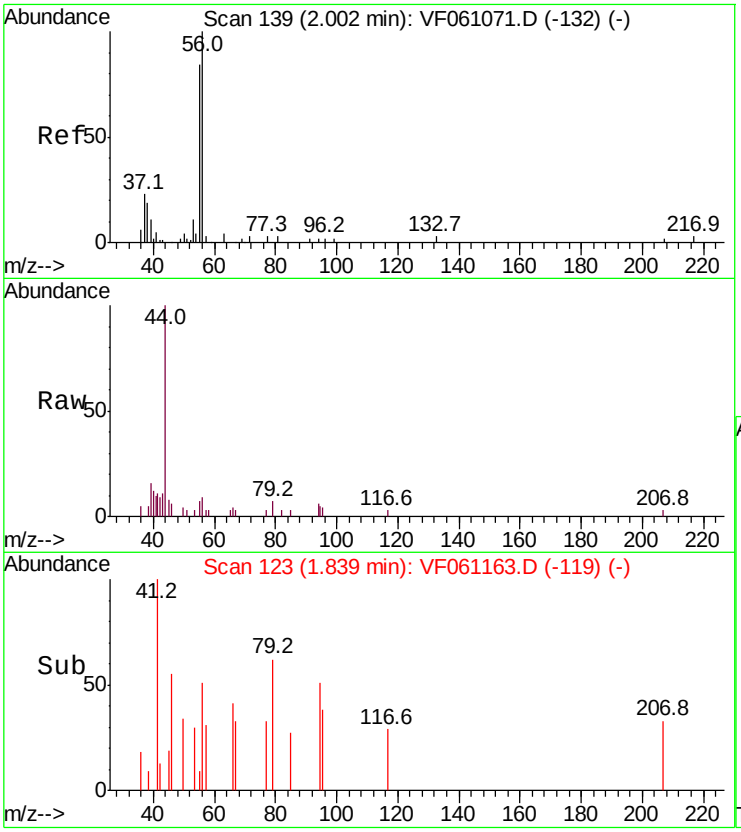


#11
Tert butyl alcohol
Concen: 3.917 ug/l
RT: 2.59 min Scan# 199
Delta R.T. 0.02 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion: 59 Resp: 399

Ion	Ratio	Lower	Upper
59	100		
57	111.5	11.5	17.3#



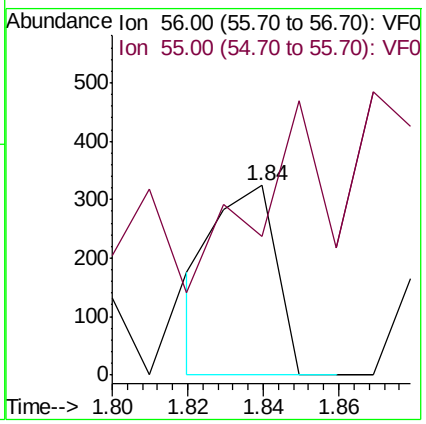


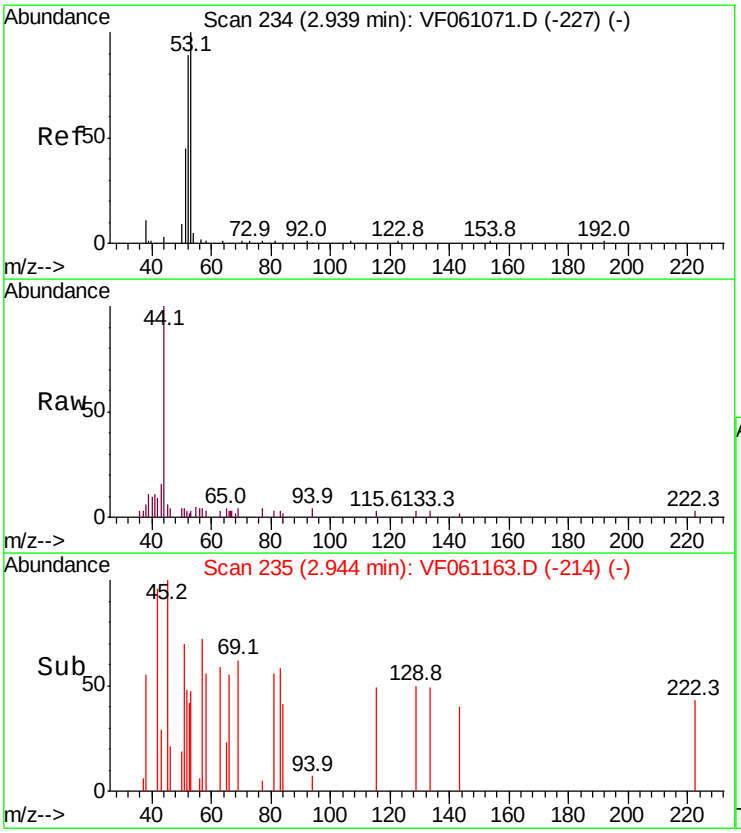
#13
Acrolein
Concen: 4.891 ug/l
RT: 1.84 min Scan# 123
Delta R.T. -0.16 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 360

Ion	Ratio	Lower	Upper
56	100		
55	73.5	70.2	105.2

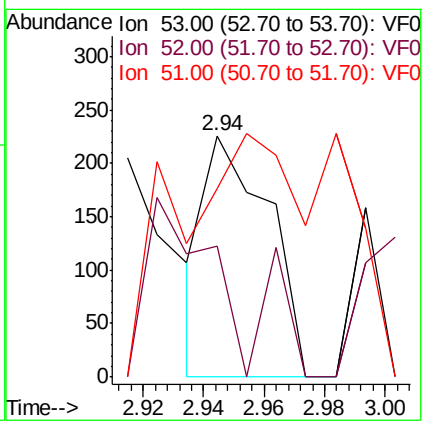


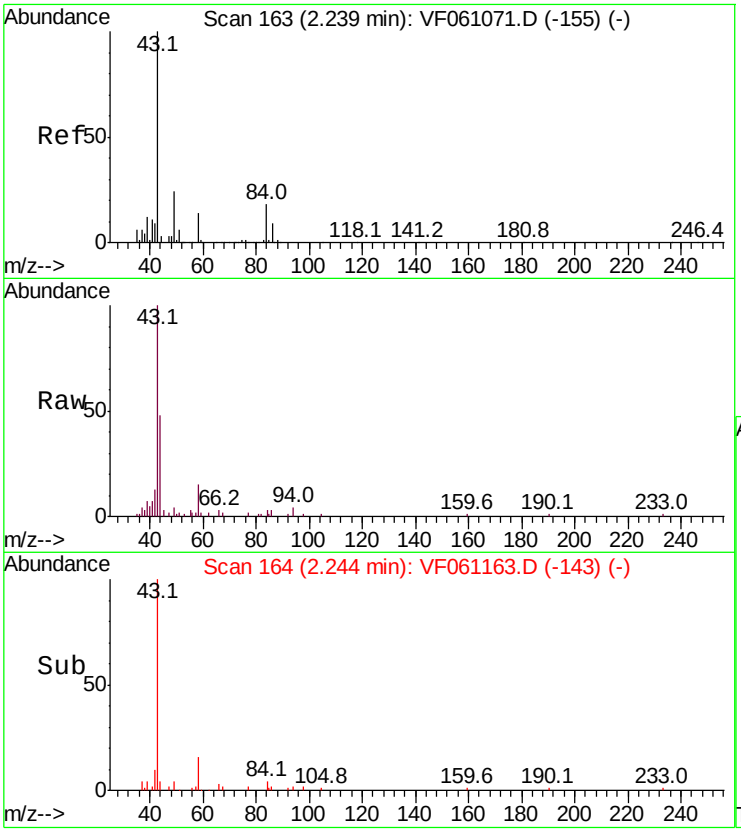


#15
Acrylonitrile
Concen: 1.409 ug/l
RT: 2.94 min Scan# 235
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion: 53 Resp: 332

Ion	Ratio	Lower	Upper
53	100		
52	54.0	71.3	106.9#
51	78.3	36.8	55.2#



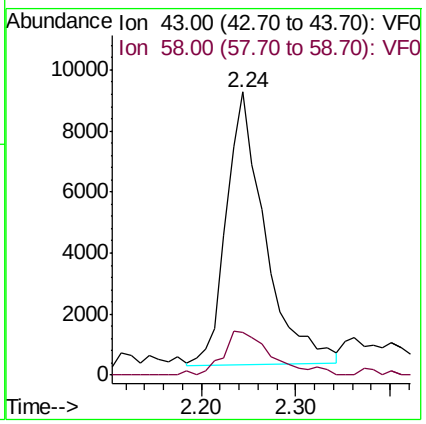


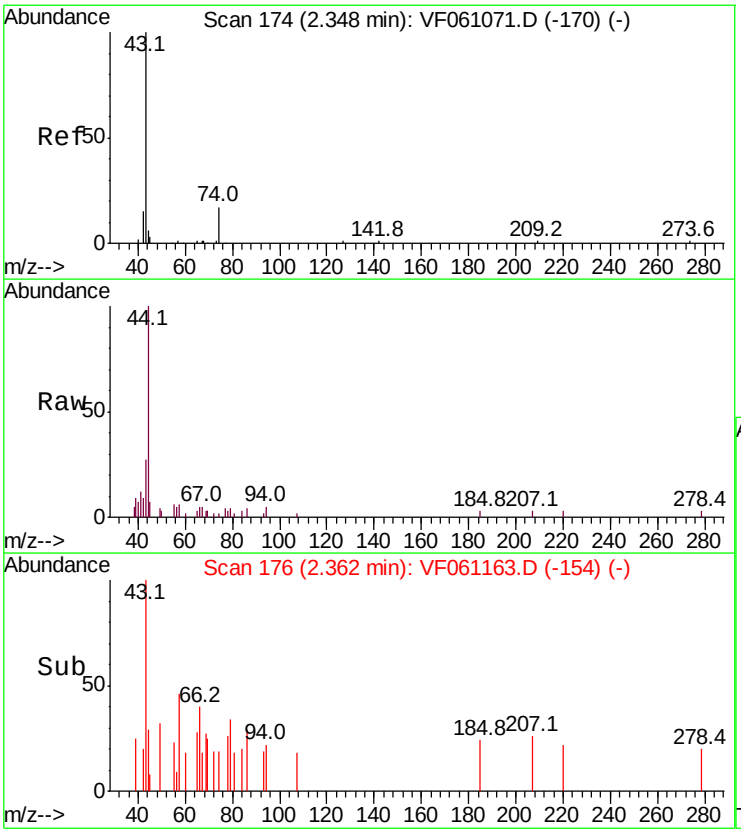
#16
Acetone
Concen: 49.954 ug/l
RT: 2.24 min Scan# 164
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 25208

Ion	Ratio	Lower	Upper
43	100		
58	15.0	11.1	16.7

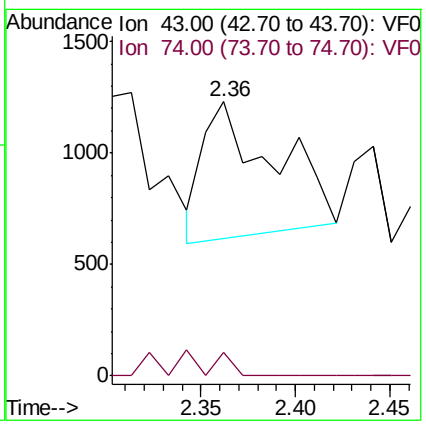


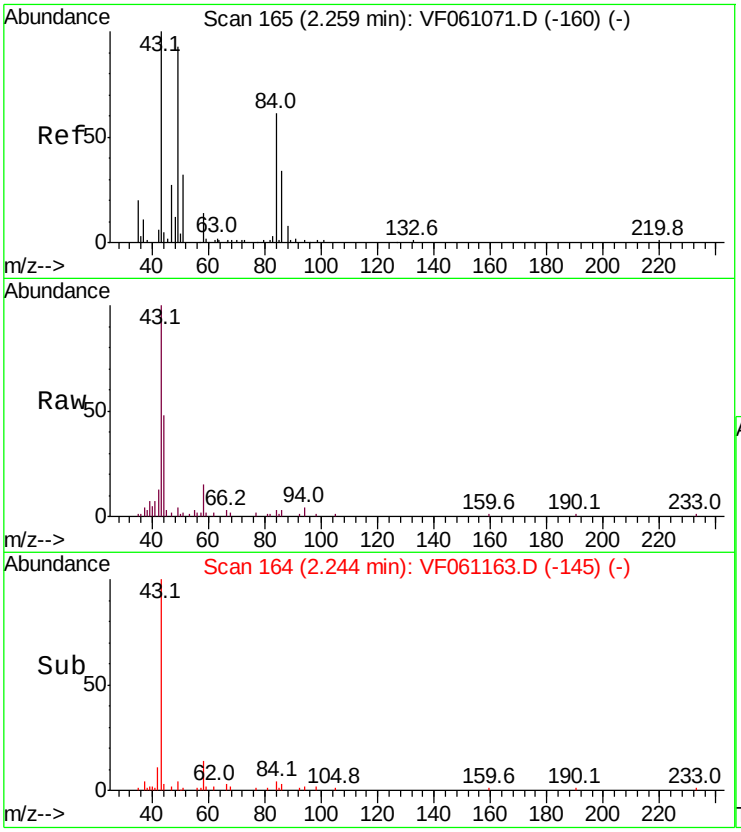


#18
Methyl Acetate
Concen: 1.536 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion: 43 Resp: 1604

Ion	Ratio	Lower	Upper
43	100		
74	8.7	11.0	16.6#



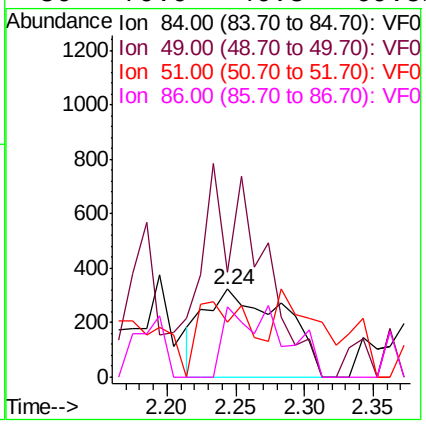


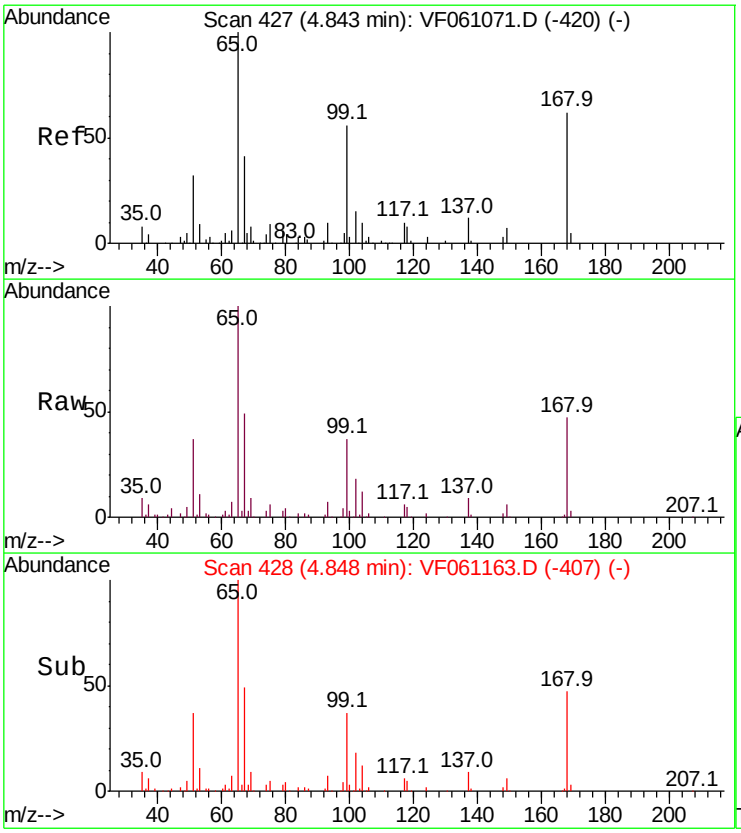
#20
Methylene Chloride
Concen: Below Cal
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 1297

Ion	Ratio	Lower	Upper
84	100		
49	118.8	129.4	194.2#
51	62.7	44.0	66.0
86	79.9	46.3	69.5#

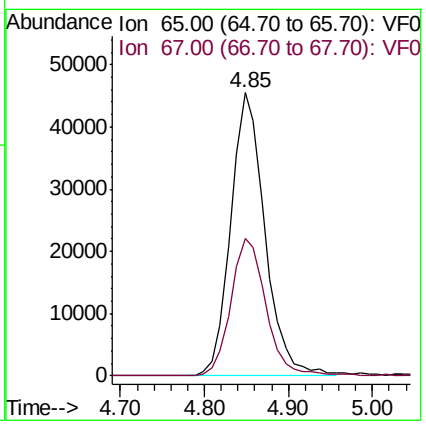


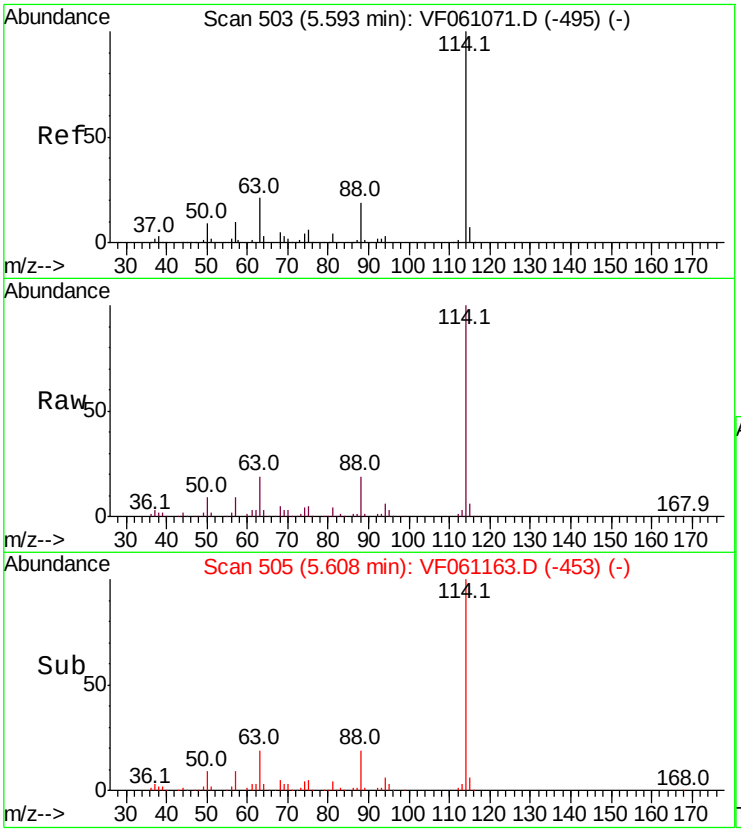


#33
1,2-Dichloroethane-d4
Concen: 51.008 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion: 65 Resp: 128757

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	94.6



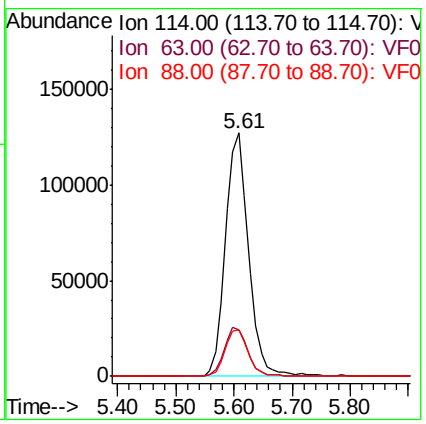


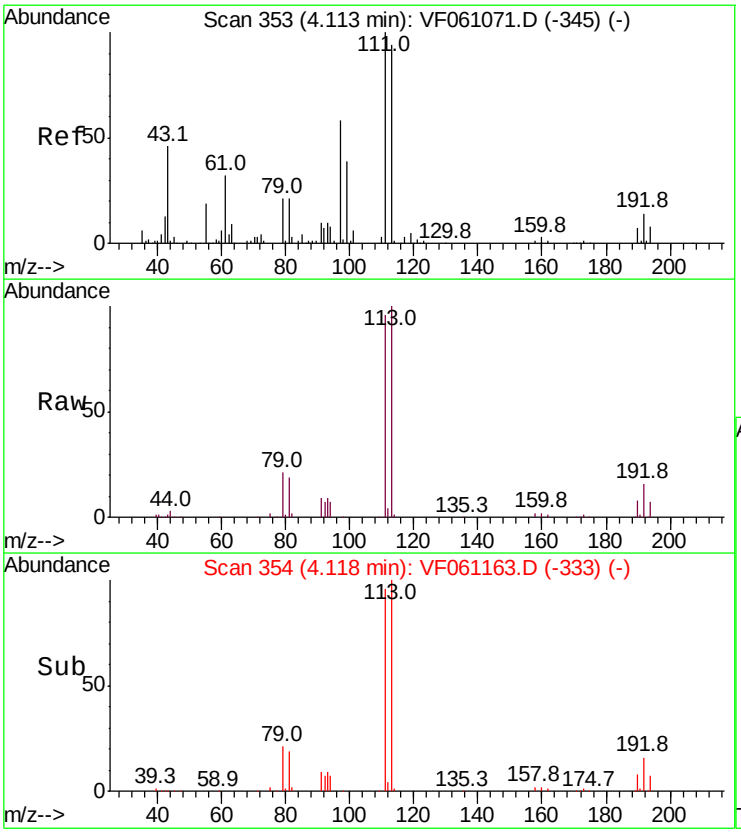
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 351610

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.6
88	18.9	0.0	38.0

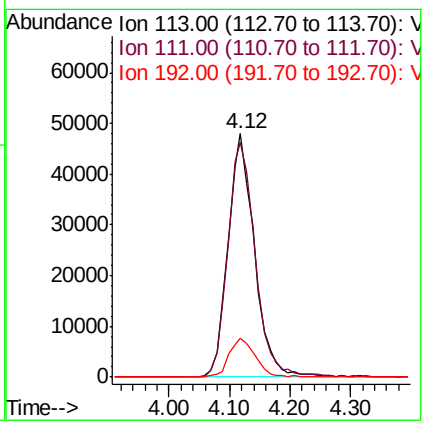


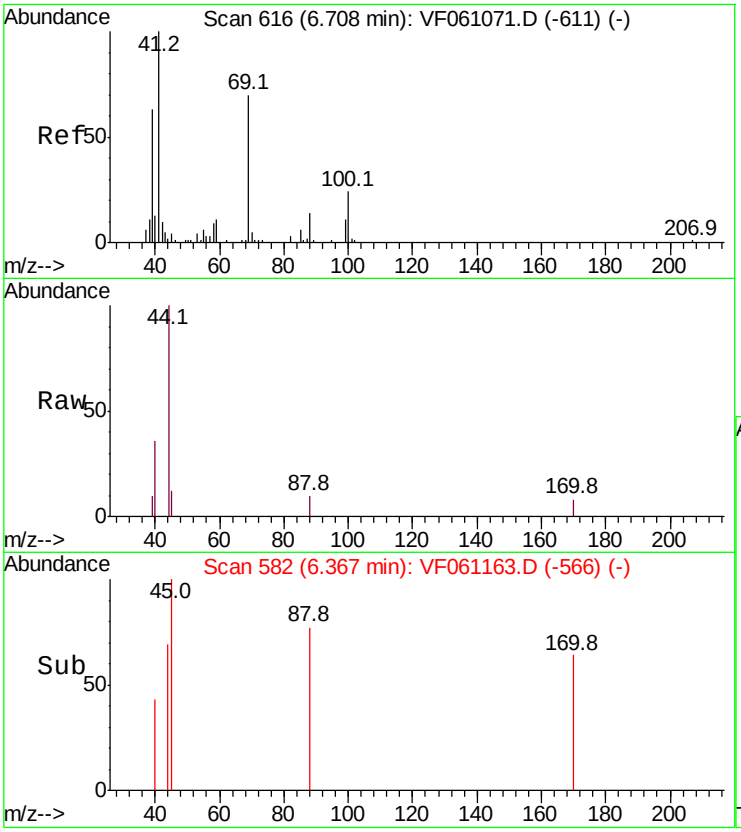


#35
Dibromofluoromethane
Concen: 51.752 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion:113 Resp: 145765

Ion	Ratio	Lower	Upper
113	100		
111	96.5	85.2	127.8
192	16.0	12.8	19.2



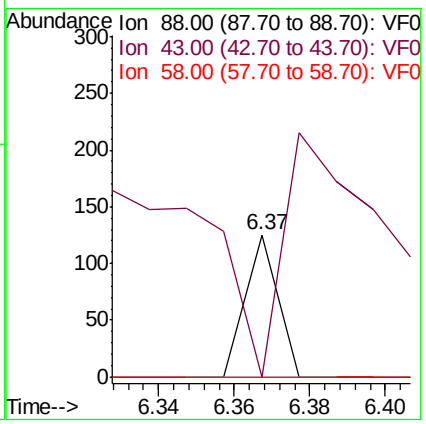


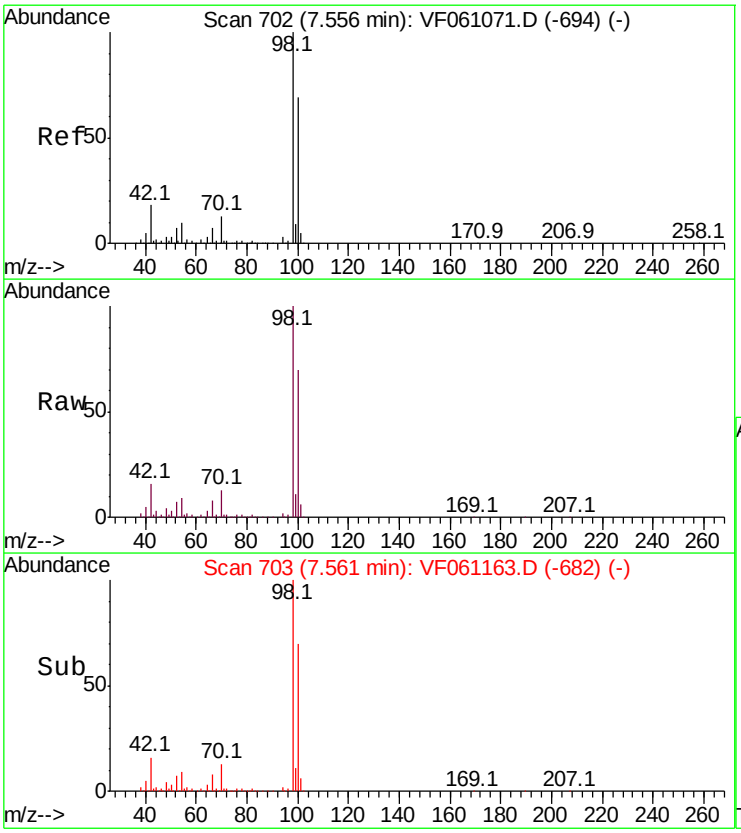
#49
1,4-Dioxane
Concen: 7.129 ug/l
RT: 6.37 min Scan# 582
Delta R.T. -0.34 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 74

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

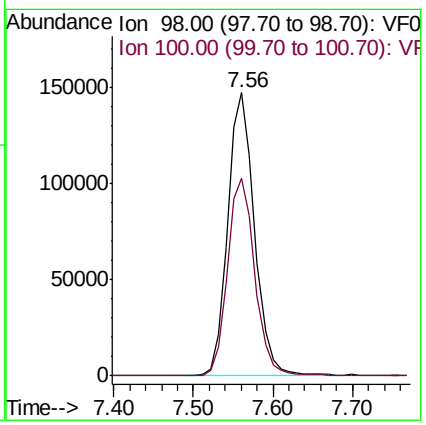


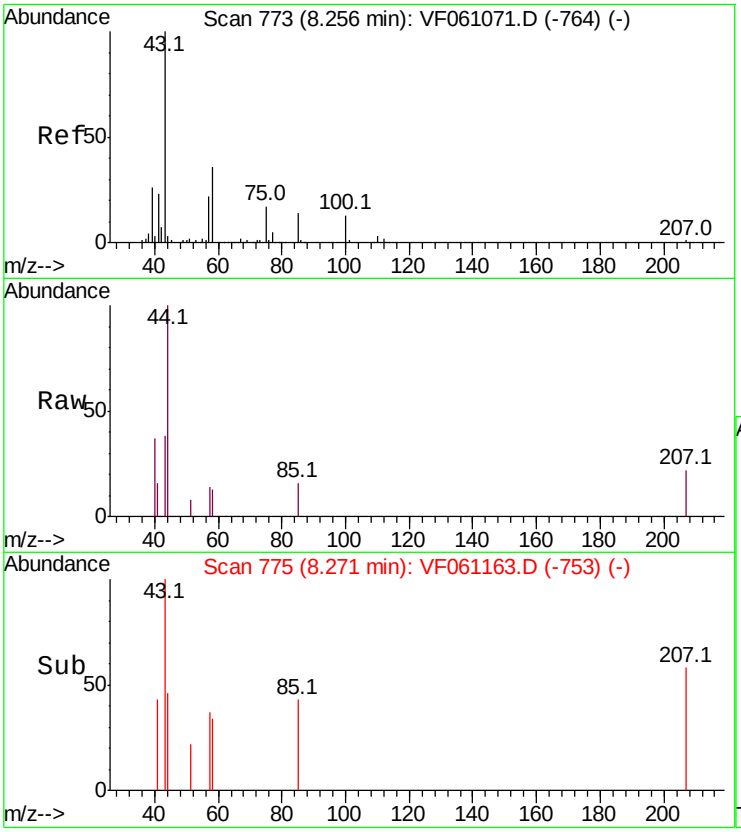


#50
Toluene-d8
Concen: 43.450 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion: 98 Resp: 346814

Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.3	82.9



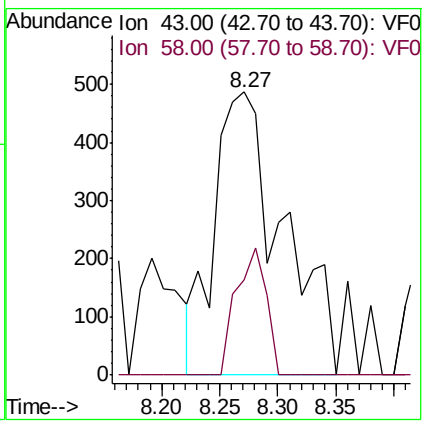


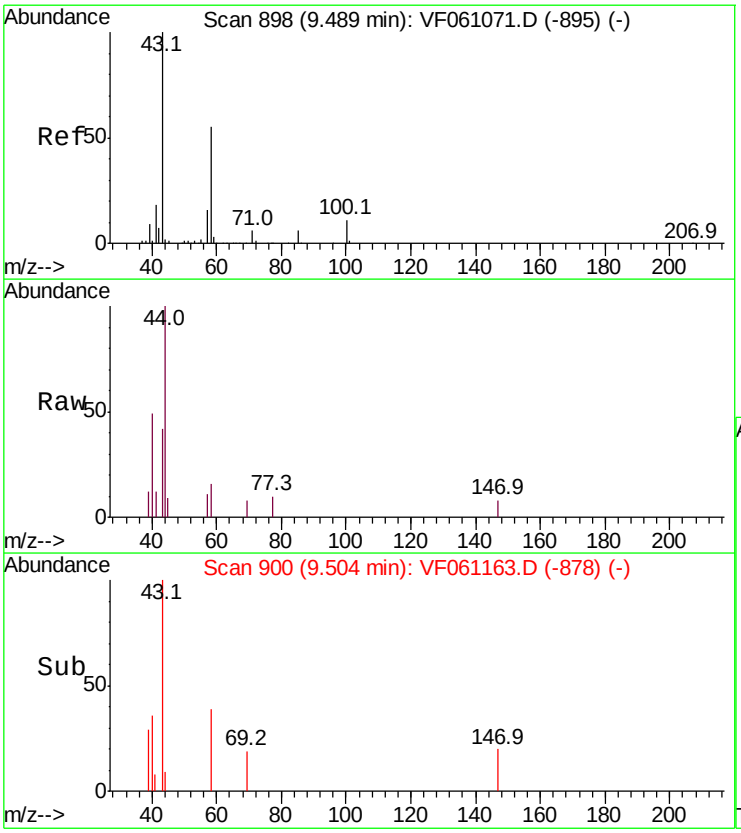
#51
4-Methyl-2-Pentanone
Concen: 1.412 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1984

Ion	Ratio	Lower	Upper
43	100		
58	33.7	29.1	43.7

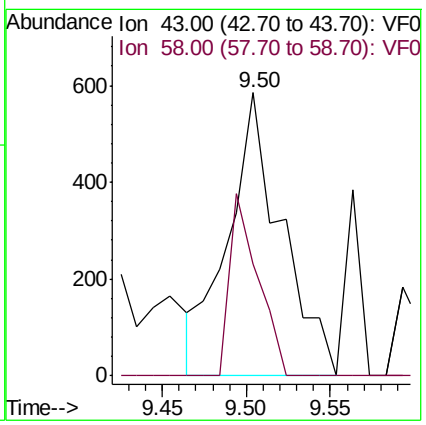


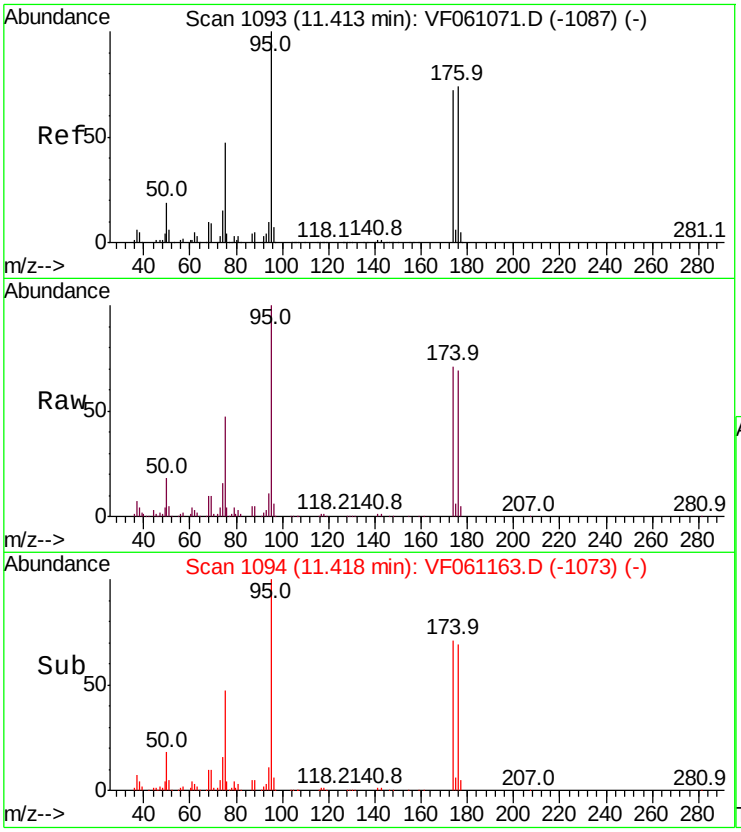


#59
2-Hexanone
Concen: 1.268 ug/l
RT: 9.50 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion: 43 Resp: 1289

Ion	Ratio	Lower	Upper
43	100		
58	39.3	25.1	75.2



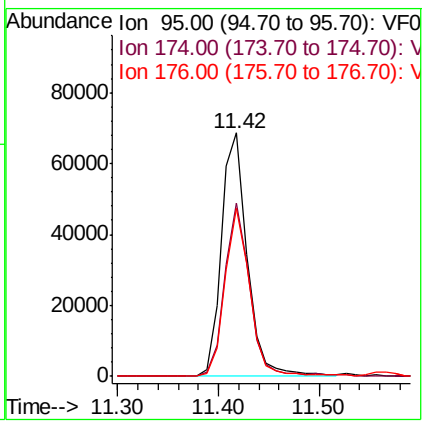


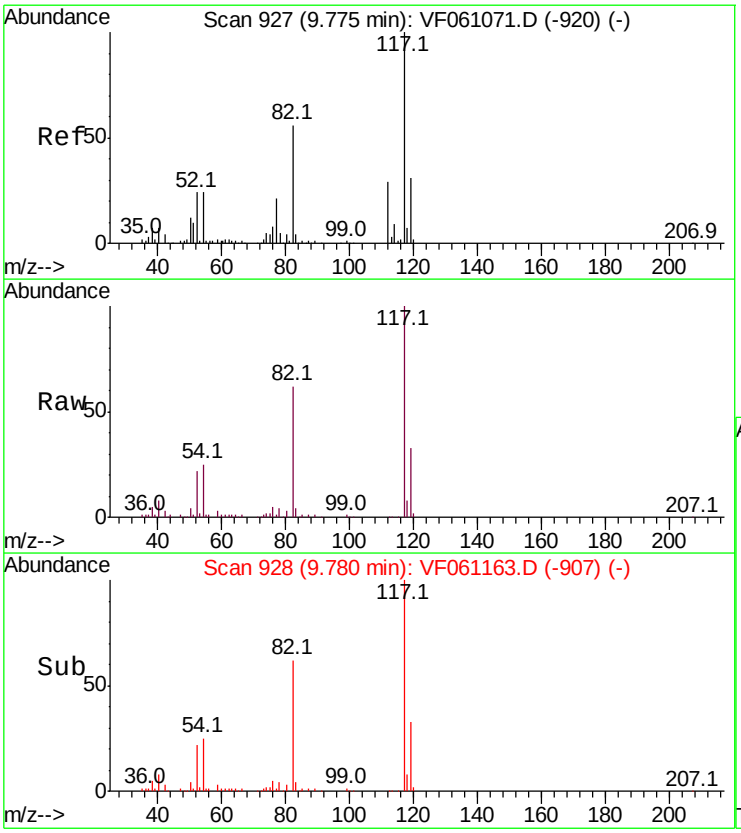
#62
4-Bromofluorobenzene
Concen: 33.215 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 122224

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	143.8
176	69.3	0.0	147.6

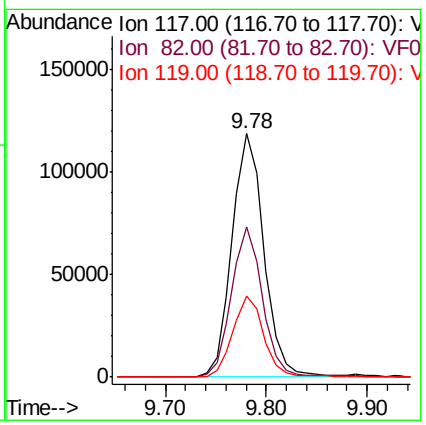


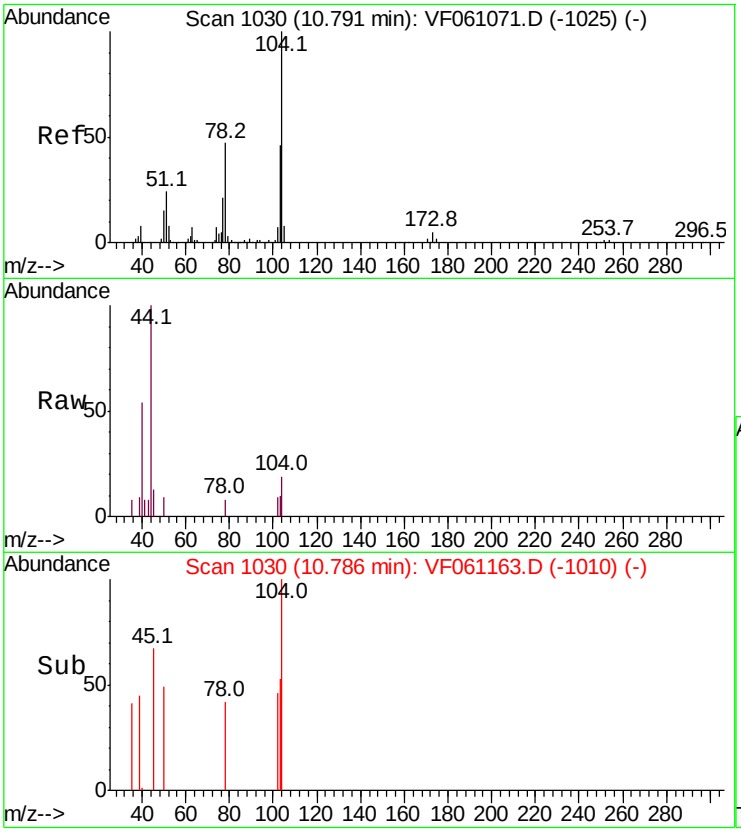


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion:117 Resp: 262598

Ion	Ratio	Lower	Upper
117	100		
82	61.7	45.0	67.4
119	33.5	24.8	37.2



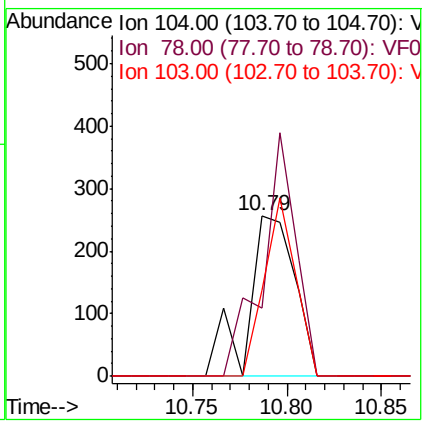


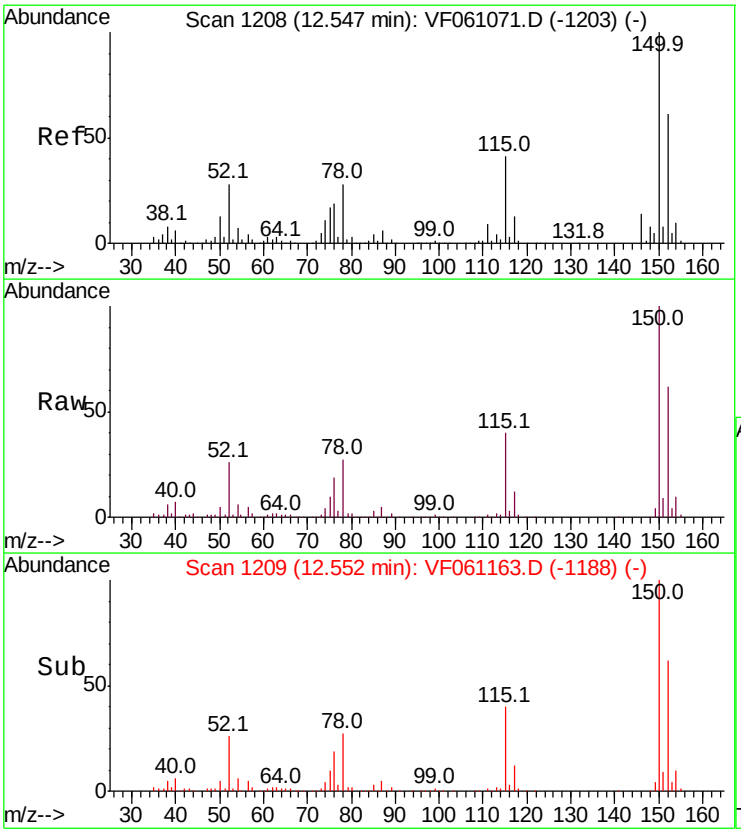
#70
Stvrene
Concen: Below Cal
RT: 10.79 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:104 Resp: 443

Ion	Ratio	Lower	Upper
104	100		
78	42.0	38.4	57.6
103	53.3	37.0	55.6

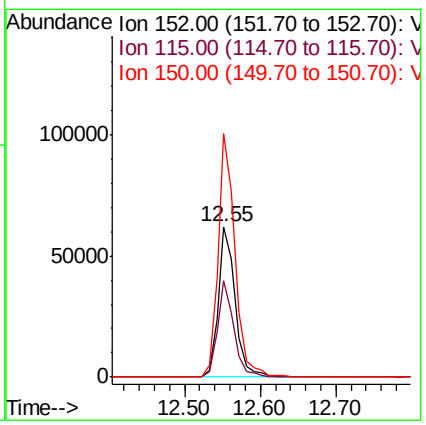


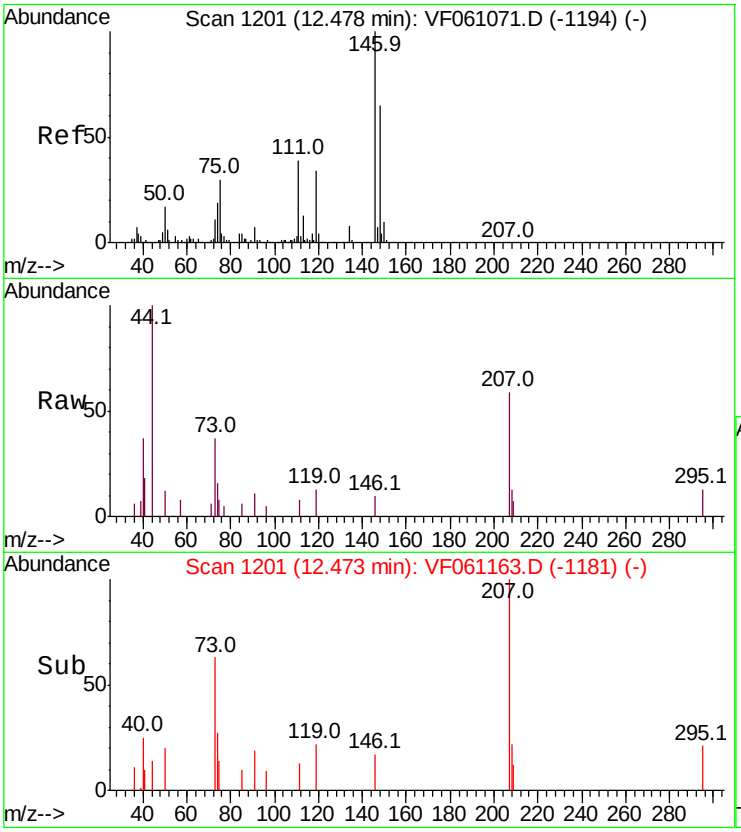


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion:152 Resp: 96805

Ion	Ratio	Lower	Upper
152	100		
115	64.0	33.3	99.9
150	161.6	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.47 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:146 Resp: 372

Ion	Ratio	Lower	Upper
146	100		
111	78.4	19.3	57.9#
148	0.0	32.4	97.2#