Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061230.D
Acq On : 28 Dec 2018 12:27
Operator : VA/AP
Sample : J6486-01RE
Misc : 6.16g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S72-0053

Quant Time: Dec 29 00:54:18 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	4.88	168	108221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	173013	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	138063	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	65074	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	39292	28.23	ug/l	0.02
Spiked Amount 50.000			Recovery = 56.46%			
35) Dibromofluoromethane	4.13	113	50315	36.30	ug/l	0.02
Spiked Amount 50.000			Recovery = 72.60%			
50) Toluene-d8	7.57	98	148423	37.79	ug/l	0.02
Spiked Amount 50.000			Recovery = 75.58%			
62) 4-Bromofluorobenzene	11.42	95	60061	33.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	148	2.635	ug/l #	65
13) Acrolein	2.13	56	424	10.447	ug/l	91
15) Acrylonitrile	2.96	53	329	2.533	ug/l #	69
16) Acetone	2.23	43	5552	19.953	ug/l #	89
20) Methylene Chloride	2.23	84	672	Below Cal	#	66
25) 2-Butanone	4.36	43	1063	2.356	ug/l #	57
29) Tetrahydrofuran	4.08	42	289	1.573	ug/l #	37
51) 4-Methyl-2-Pentanone	8.28	43	1045	1.511	ug/l #	38
59) 2-Hexanone	9.51	43	1562	3.123	ug/l	93
70) Styrene	10.82	104	469	Below Cal	#	30
87) 1,3-Dichlorobenzene	12.48	146	404	Below Cal	#	70

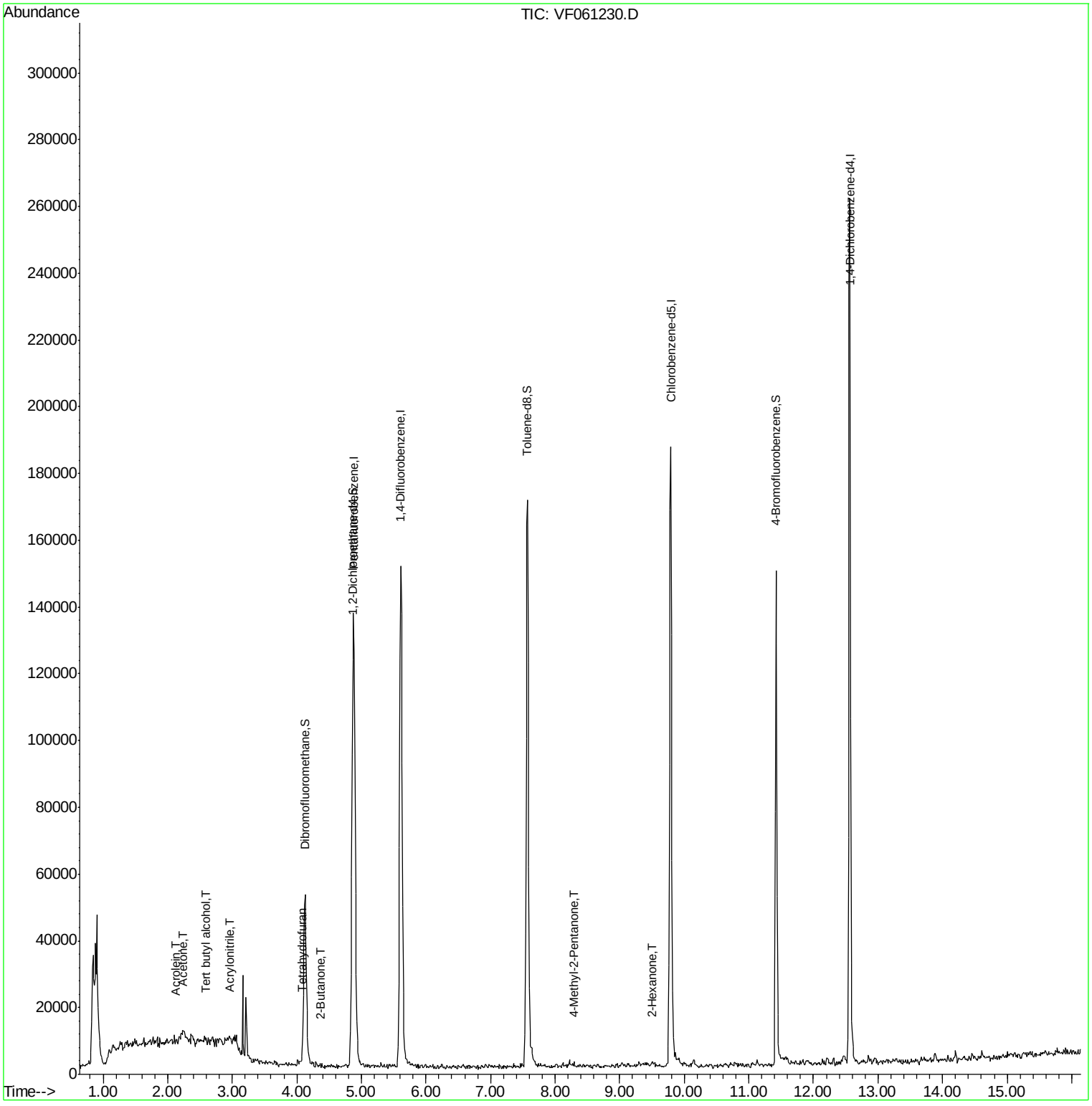
(#) = qualifier out of range (m) = manual integration (+) = signals summed

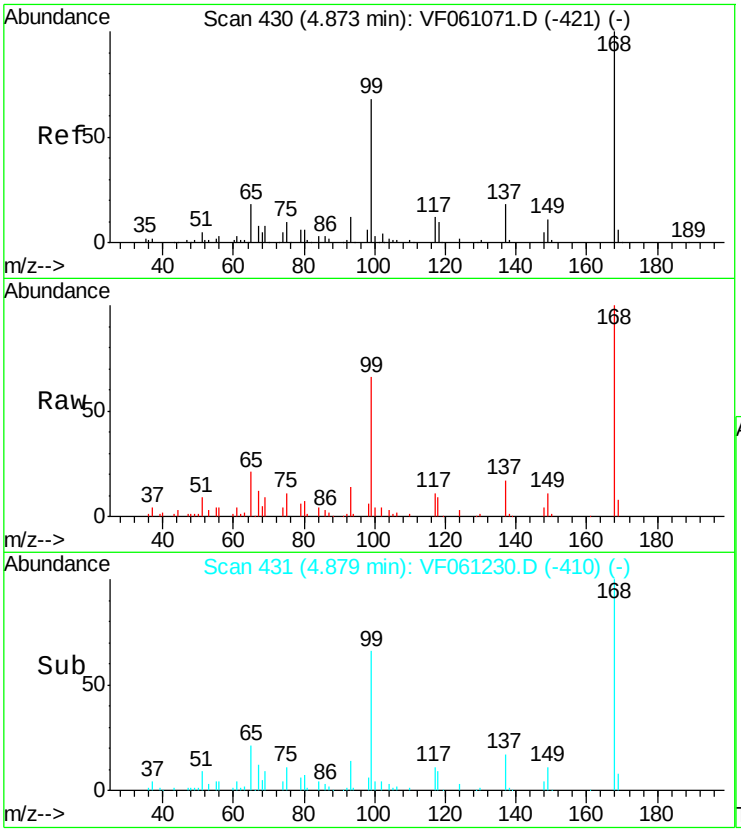
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061230.D
Acq On : 28 Dec 2018 12:27
Operator : VA/AP
Sample : J6486-01RE
Misc : 6.16g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
S72-0053

Quant Time: Dec 29 00:54:18 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



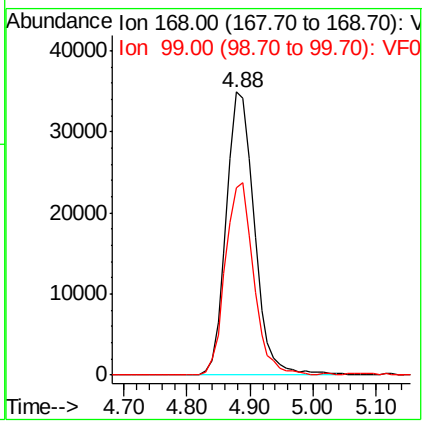


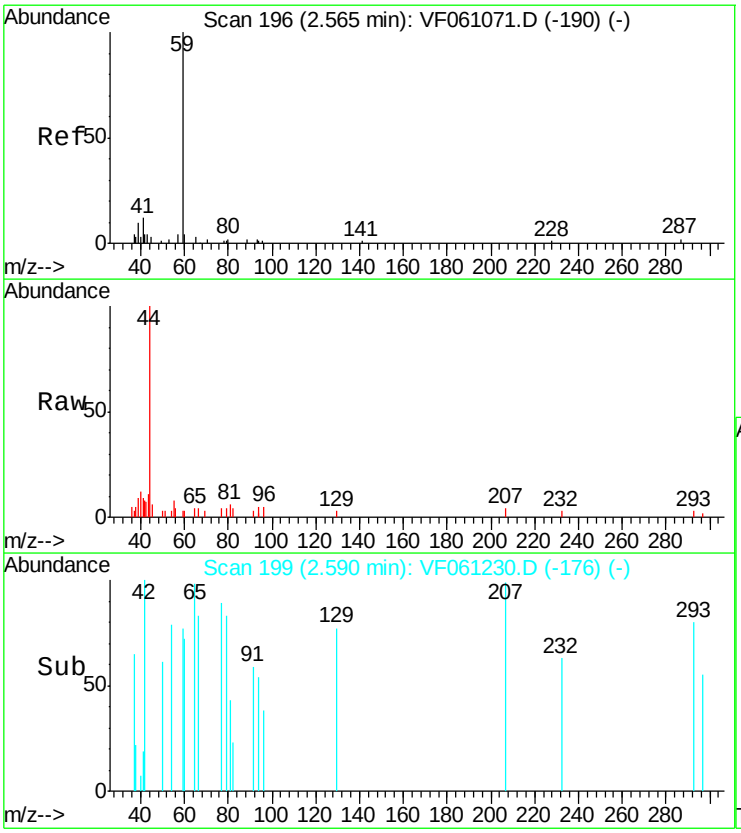
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument :
MSVOA_F
ClientSampleId :
S72-0053

Tgt Ion:168 Resp: 108221

Ion	Ratio	Lower	Upper
168	100		
99	66.0	54.4	81.6

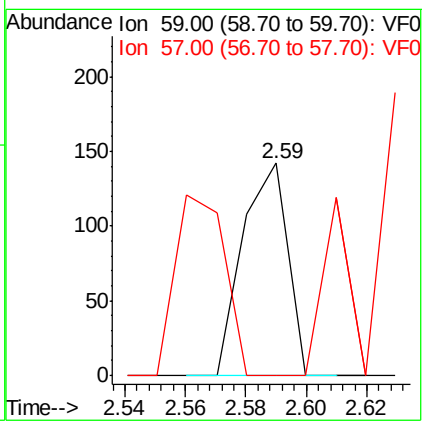


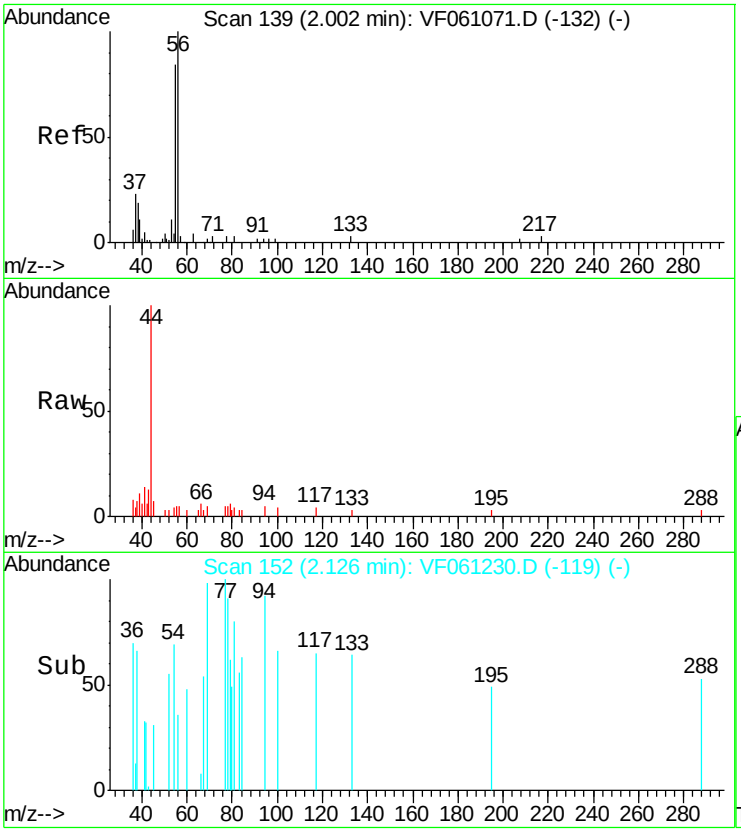


#11
Tert butyl alcohol
Concen: 2.635 ug/l
RT: 2.59 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion: 59 Resp: 148

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.5	17.3#



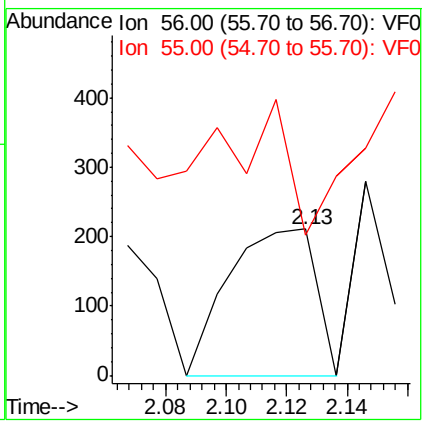


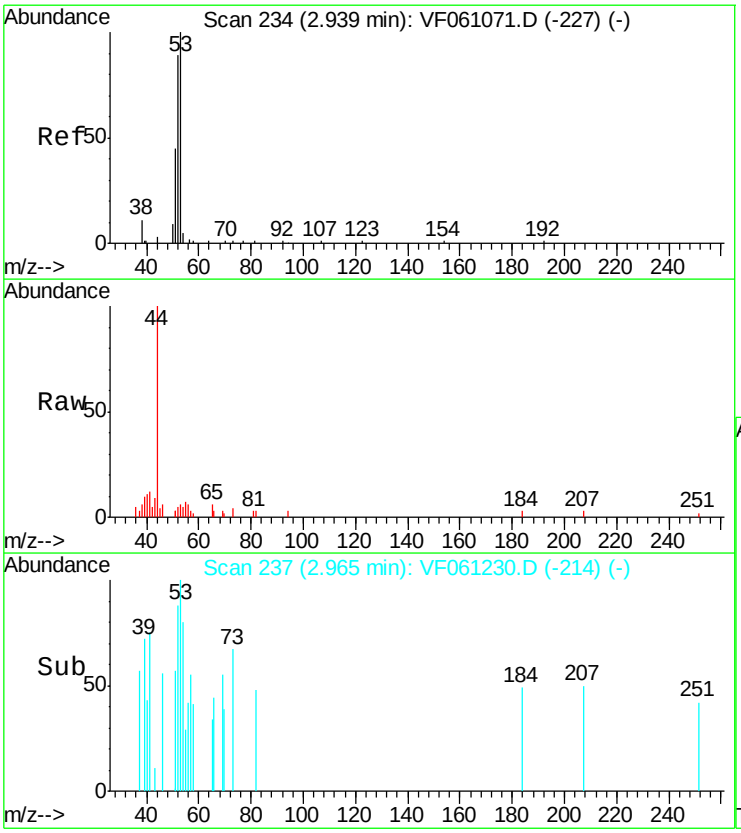
#13
Acrolein
Concen: 10.447 ug/l
RT: 2.13 min Scan# 152
Delta R.T. 0.12 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument : MSVOA_F
ClientSampleId : S72-0053

Tgt Ion: 56 Resp: 424

Ion	Ratio	Lower	Upper
56	100		
55	96.2	70.2	105.2

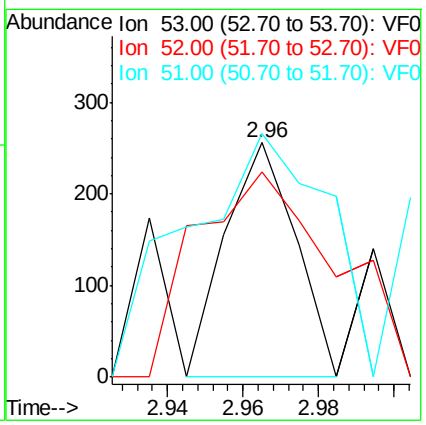


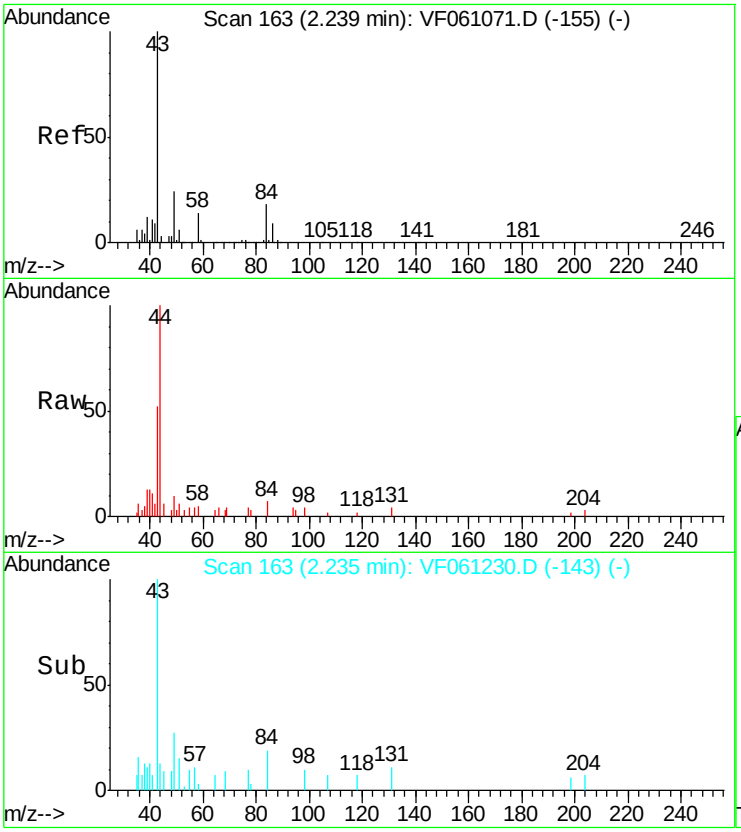


#15
Acrylonitrile
Concen: 2.533 ug/l
RT: 2.96 min Scan# 237
Delta R.T. 0.03 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion: 53 Resp: 329

Ion	Ratio	Lower	Upper
53	100		
52	87.5	71.3	106.9
51	103.9	36.8	55.2#



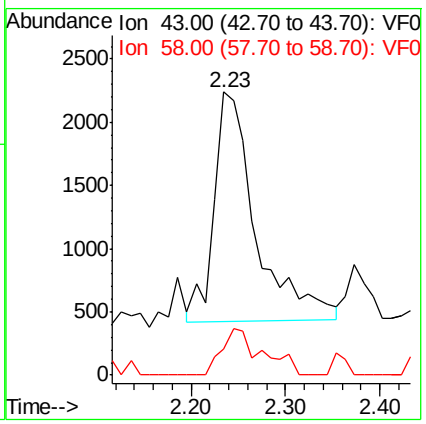


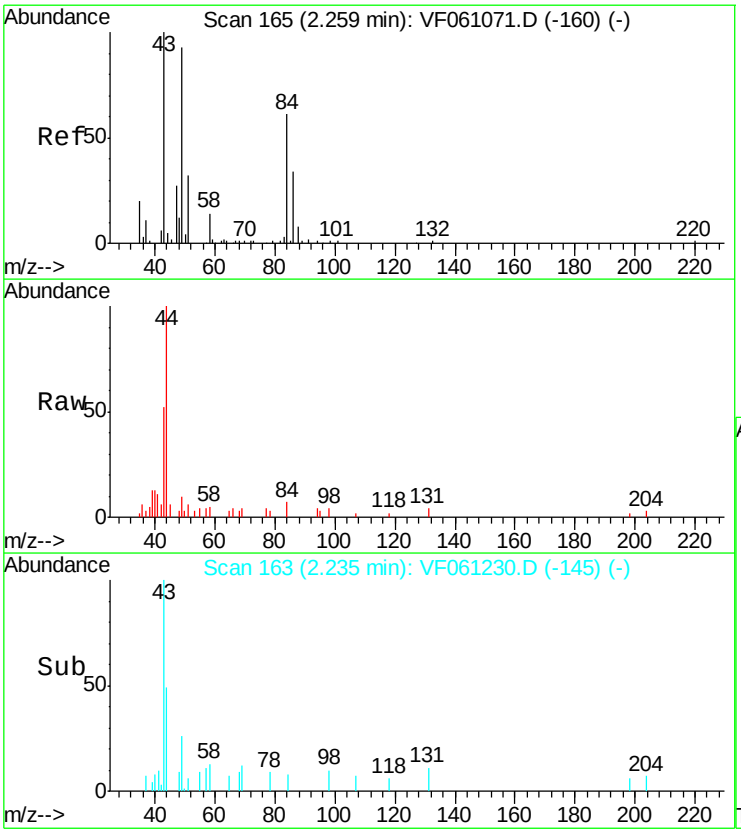
#16
Acetone
Concen: 19.953 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument : MSVOA_F
ClientSampleId : S72-0053

Tgt Ion: 43 Resp: 5552

Ion	Ratio	Lower	Upper
43	100		
58	9.4	11.1	16.7#

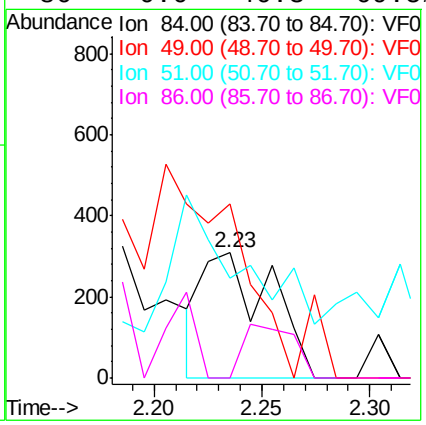


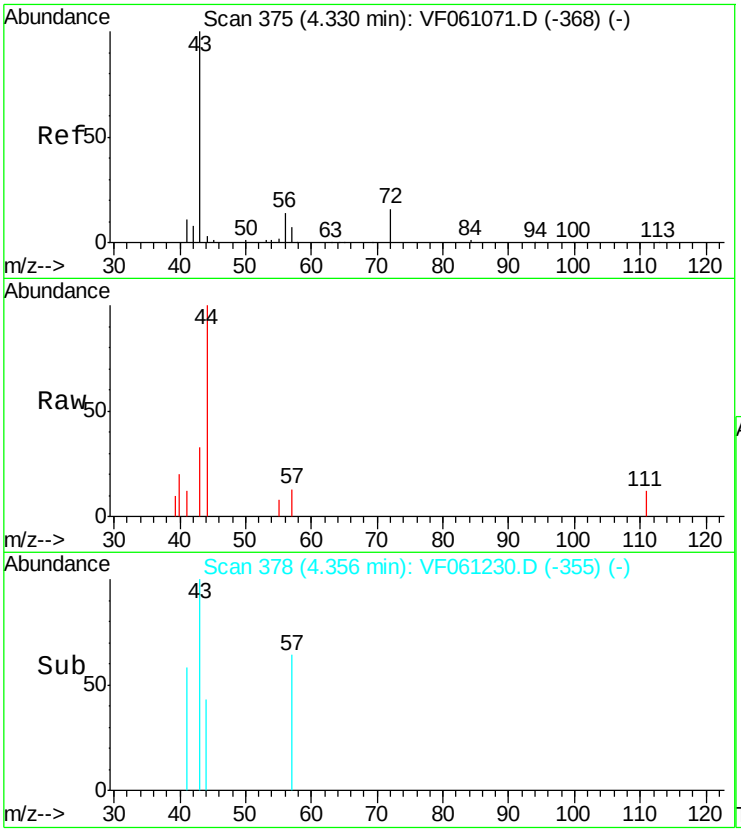


#20
Methylene Chloride
Concen: Below Cal
RT: 2.23 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion: 84 Resp: 672

Ion	Ratio	Lower	Upper
84	100		
49	138.5	129.4	194.2
51	79.9	44.0	66.0#
86	0.0	46.3	69.5#



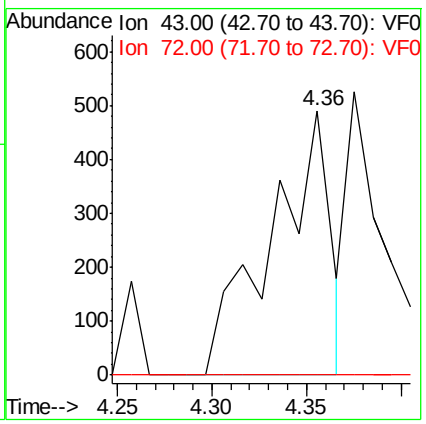


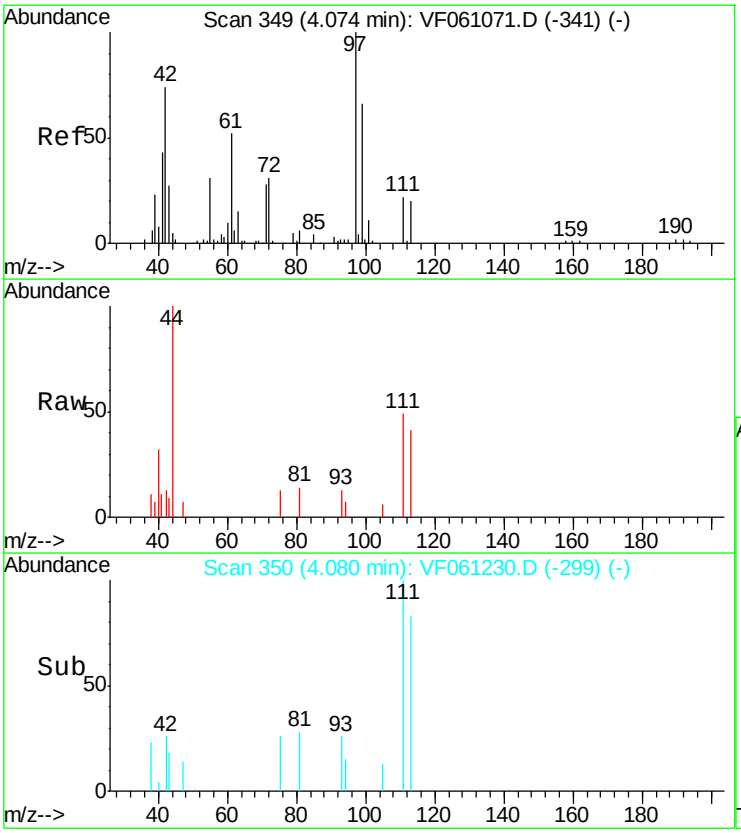
#25
2-Butanone
Concen: 2.356 ug/l
RT: 4.36 min Scan# 378
Delta R.T. 0.03 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument : MSVOA_F
ClientSampleId : S72-0053

Tgt Ion: 43 Resp: 1063

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#

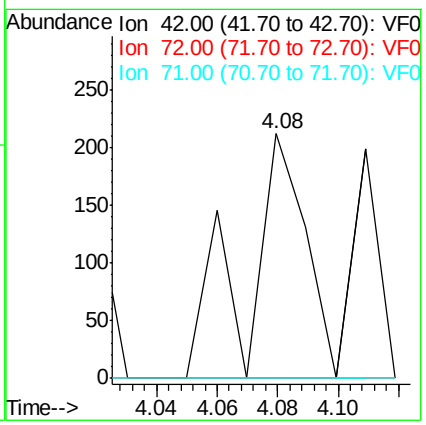


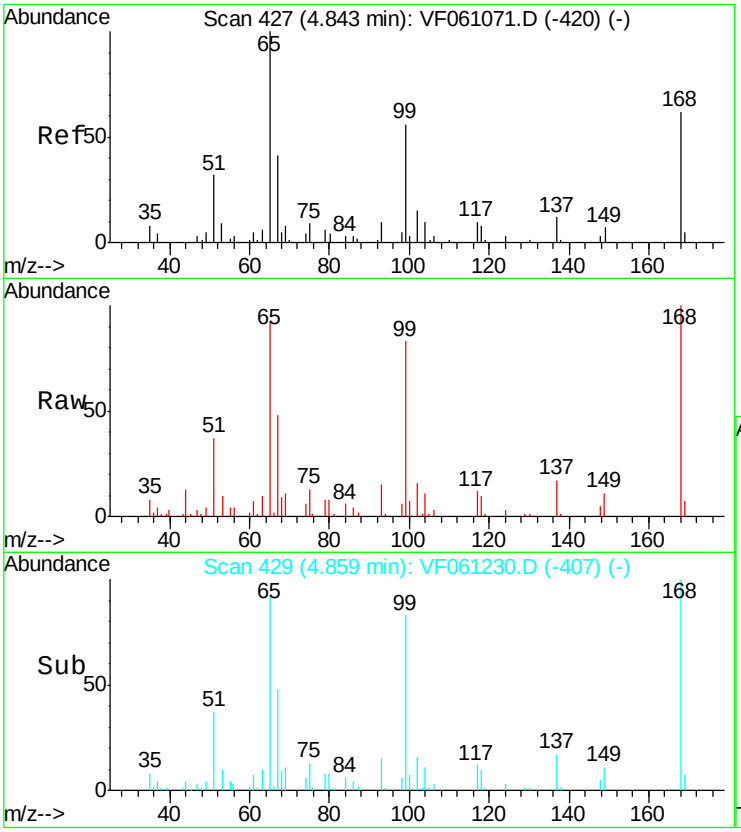


#29
Tetrahydrofuran
Concen: 1.573 ug/l
RT: 4.08 min Scan# 350
Delta R.T. 0.01 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion: 42 Resp: 289

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



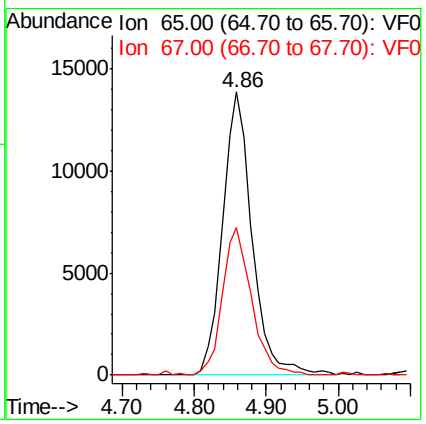


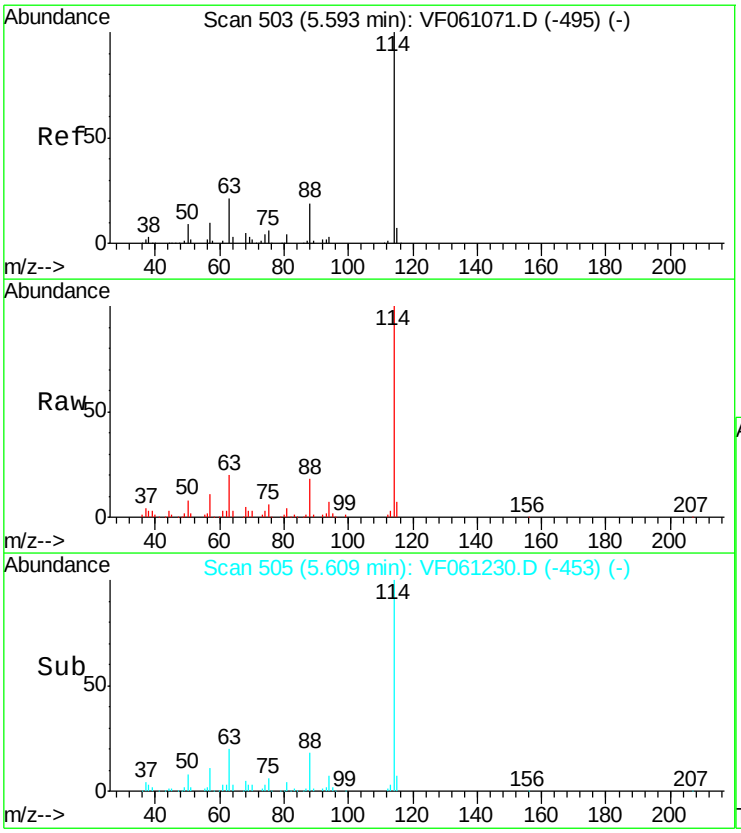
#33
1,2-Dichloroethane-d4
Concen: 28.229 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument :
MSVOA_F
ClientSampleId :
S72-0053

Tgt Ion: 65 Resp: 39292

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	94.6

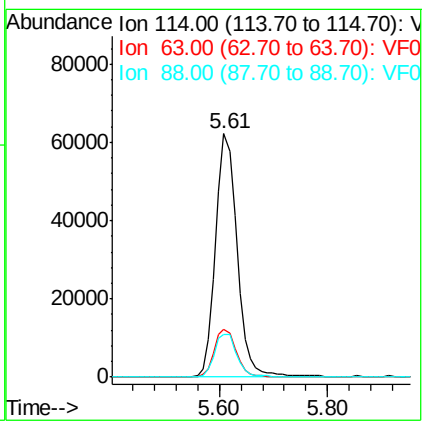


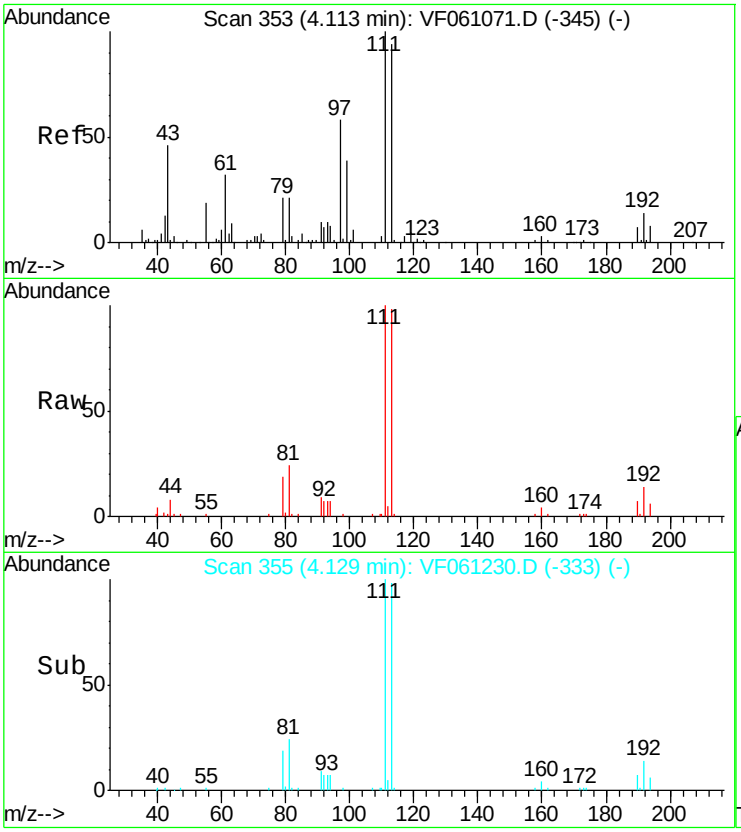


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion:114 Resp: 173013

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.6
88	17.7	0.0	38.0



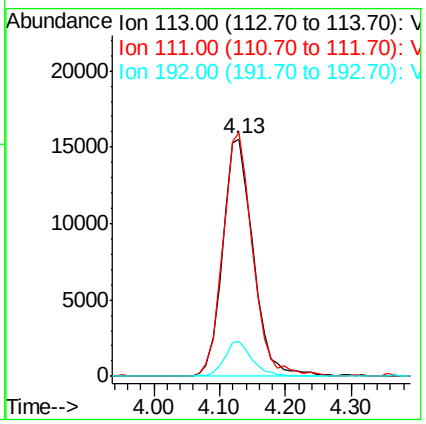


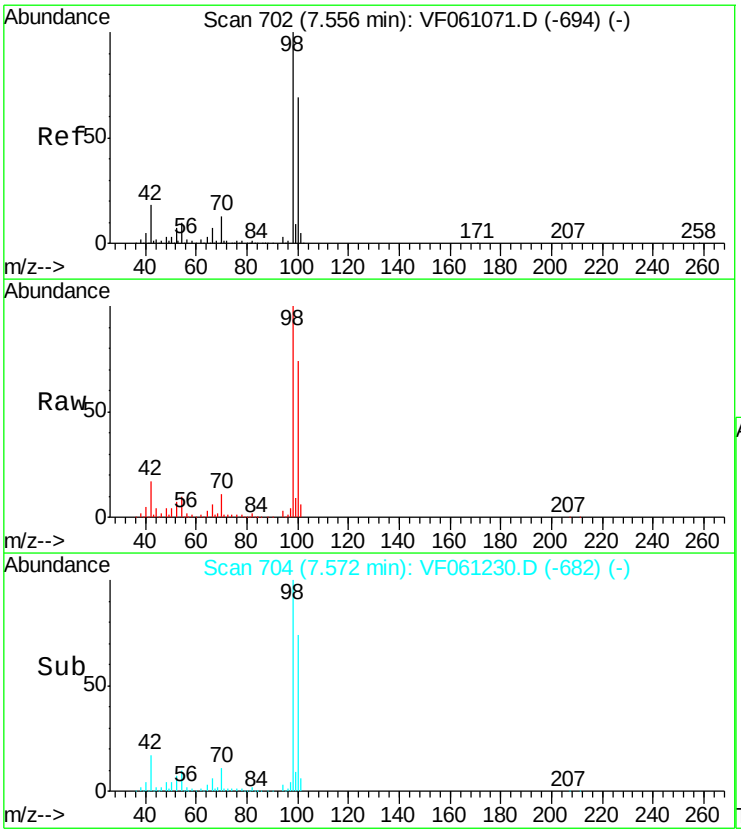
#35
Dibromofluoromethane
Concen: 36.304 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument : MSVOA_F
ClientSampleId : S72-0053

Tgt Ion:113 Resp: 50315

Ion	Ratio	Lower	Upper
113	100		
111	102.5	85.2	127.8
192	14.6	12.8	19.2

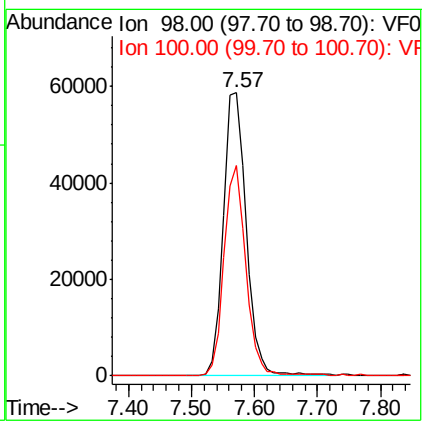


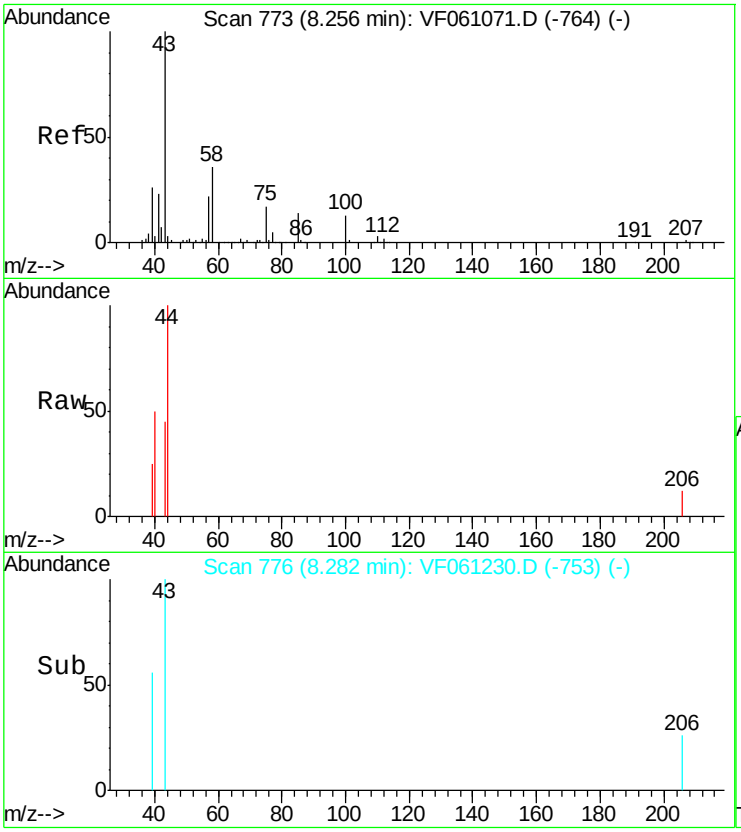


#50
Toluene-d8
Concen: 37.790 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion: 98 Resp: 148423

Ion	Ratio	Lower	Upper
98	100		
100	74.3	55.3	82.9



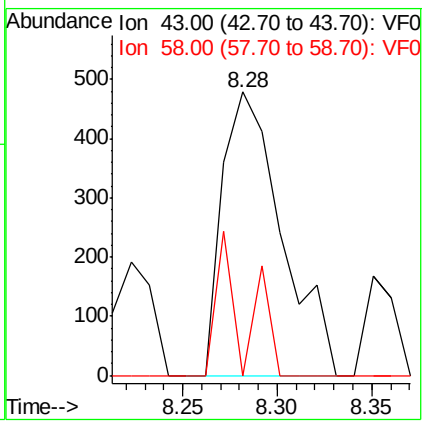


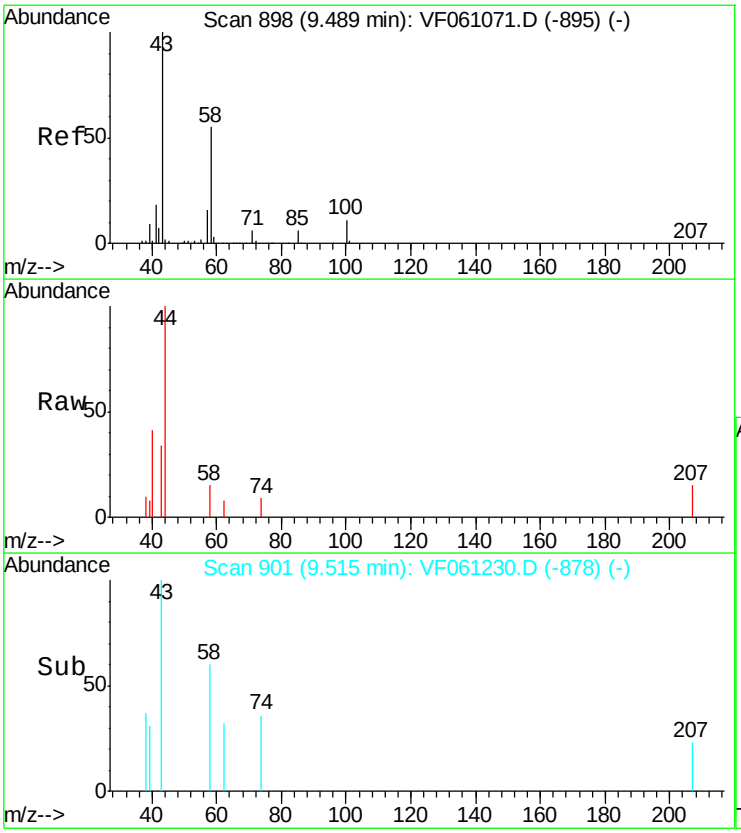
#51
4-Methyl-2-Pentanone
Concen: 1.511 ug/l
RT: 8.28 min Scan# 776
Delta R.T. 0.03 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument : MSVOA_F
ClientSampleId : S72-0053

Tgt Ion: 43 Resp: 1045

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.1	43.7#

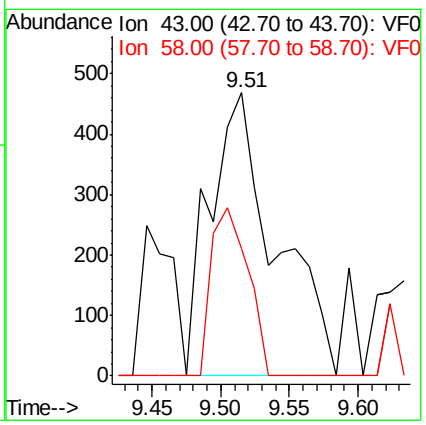


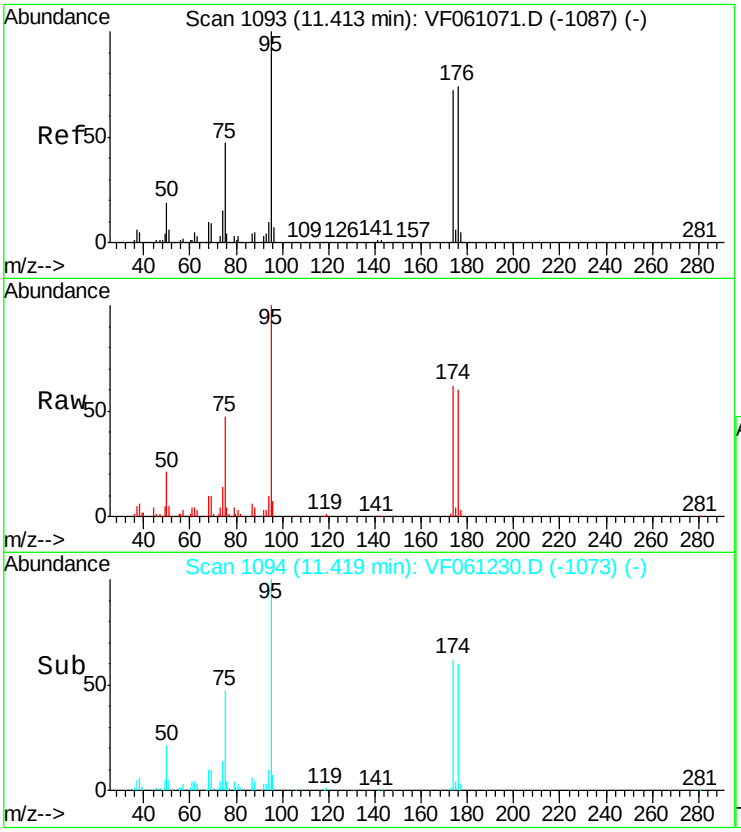


#59
2-Hexanone
Concen: 3.123 ug/l
RT: 9.51 min Scan# 901
Delta R.T. 0.03 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion: 43 Resp: 1562

Ion	Ratio	Lower	Upper
43	100		
58	45.1	25.1	75.2



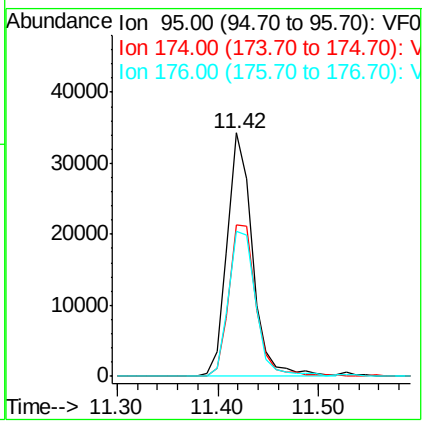


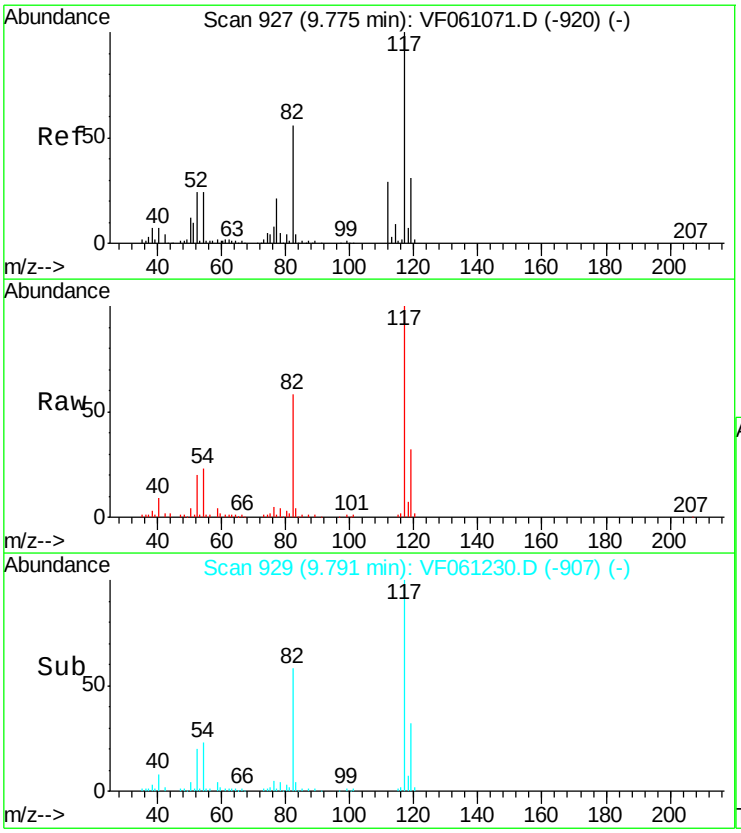
#62
4-Bromofluorobenzene
Concen: 33.171 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument :
MSVOA_F
ClientSampleId :
S72-0053

Tgt Ion: 95 Resp: 60061

Ion	Ratio	Lower	Upper
95	100		
174	62.0	0.0	143.8
176	59.7	0.0	147.6

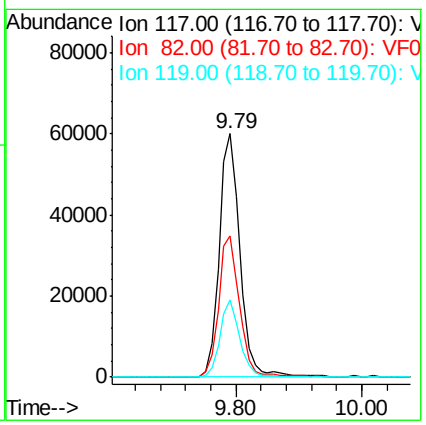


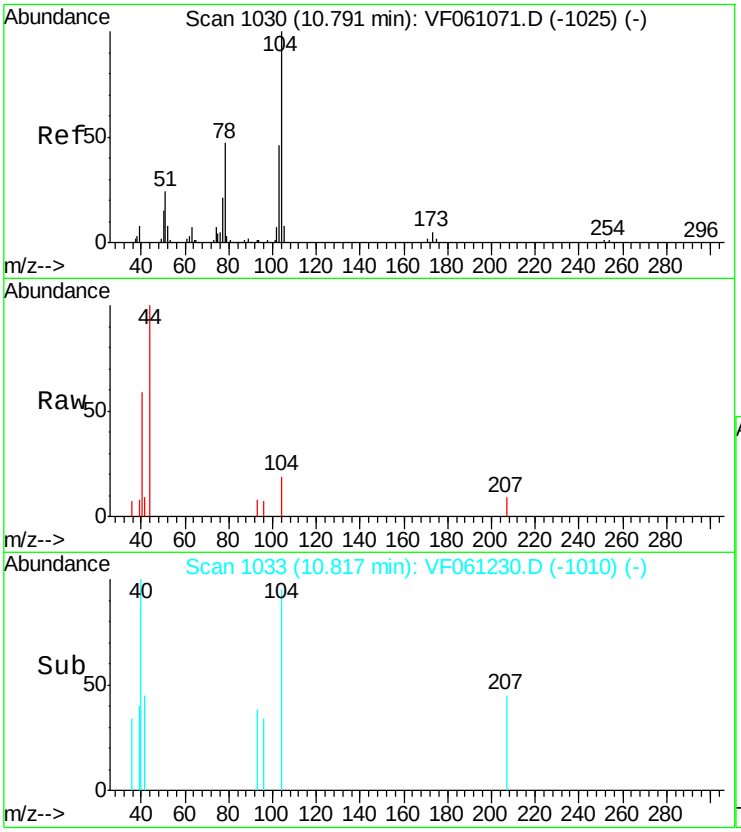


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion:117 Resp: 138063

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.0	67.4
119	31.7	24.8	37.2



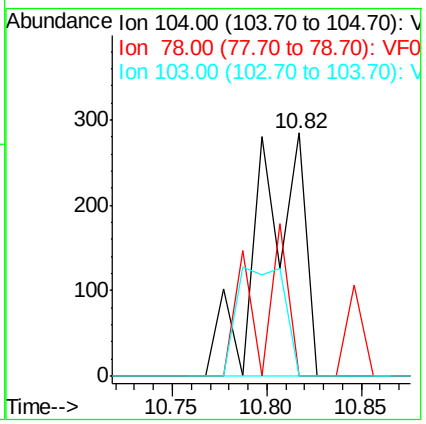


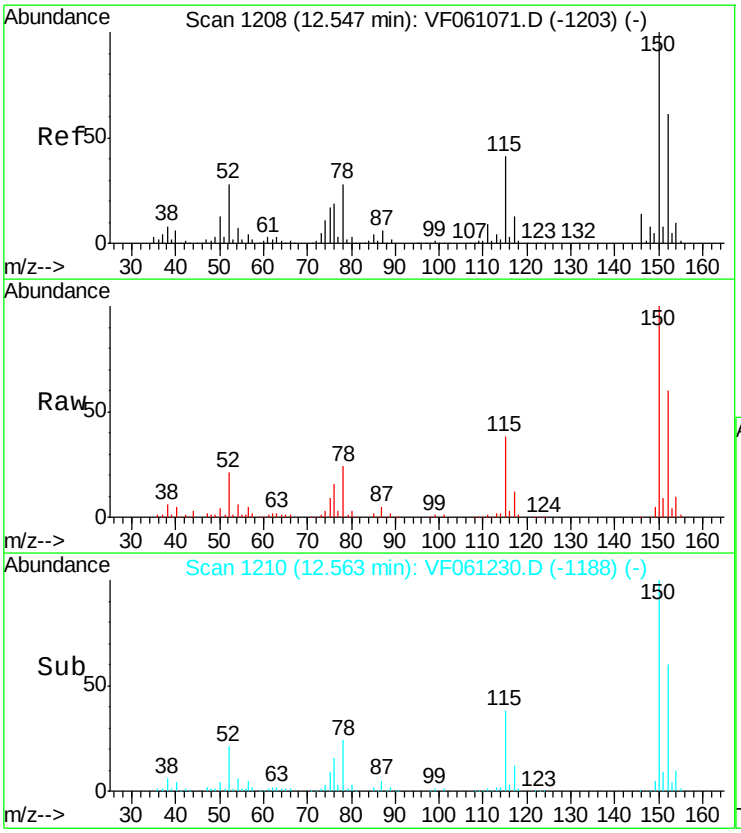
#70
Styrene
Concen: Below Cal
RT: 10.82 min Scan# 1033
Delta R.T. 0.03 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument : MSVOA_F
ClientSampleId : S72-0053

Tgt Ion:104 Resp: 469

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

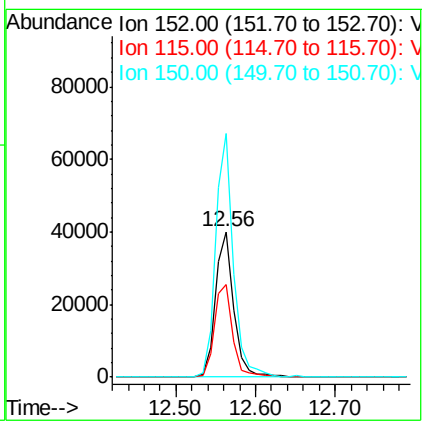


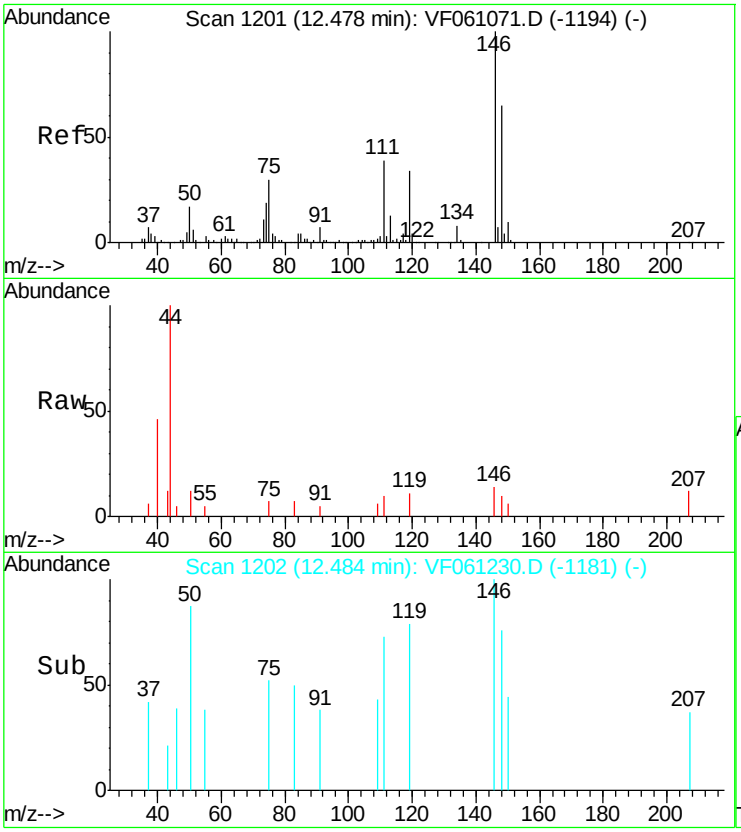


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion:152 Resp: 65074

Ion	Ratio	Lower	Upper
152	100		
115	63.9	33.3	99.9
150	167.7	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.48 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument :
MSVOA_F
ClientSampleId :
S72-0053

Tgt Ion:146 Resp: 404

Ion	Ratio	Lower	Upper
146	100		
111	72.9	19.3	57.9#
148	75.6	32.4	97.2