

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022719\
 Data File : VF061771.D
 Acq On : 27 Feb 2019 17:33
 Operator : VA/AP
 Sample : K1353-01
 Misc : 9.44g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-022619-A

Quant Time: Feb 28 01:10:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

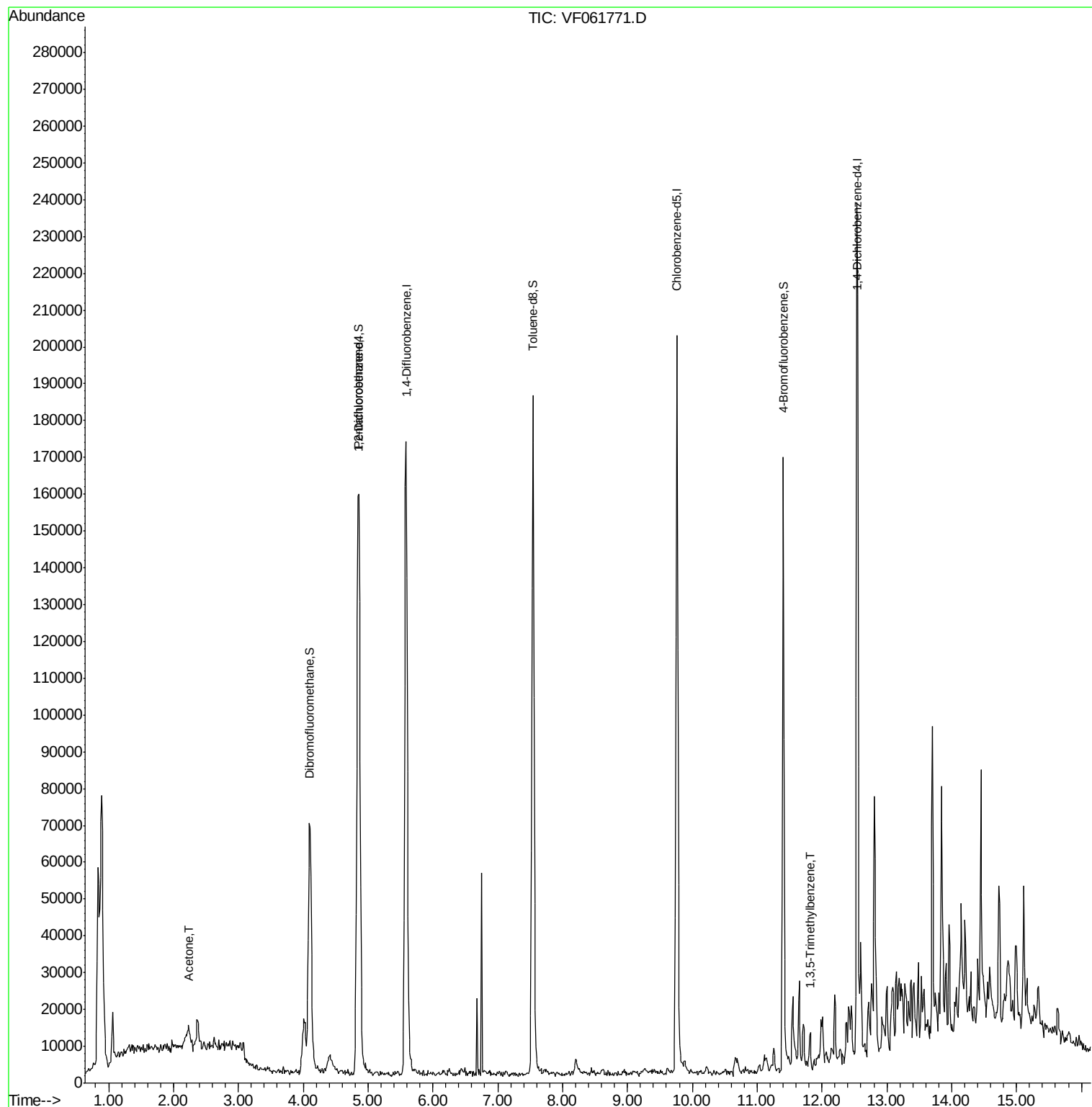
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	155779	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	217931	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	163725	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	71939	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	43458	38.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.08%	
35) Dibromofluoromethane	4.11	113	69369	42.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.72%	
50) Toluene-d8	7.54	98	171264	36.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.62%	
62) 4-Bromofluorobenzene	11.40	95	65036	34.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	69.10%	
Target Compounds						
16) Acetone	2.23	43	6954	28.372	ug/l #	82
80) 1,3,5-Trimethylbenzene	11.82	105	5178	1.265	ug/l	95

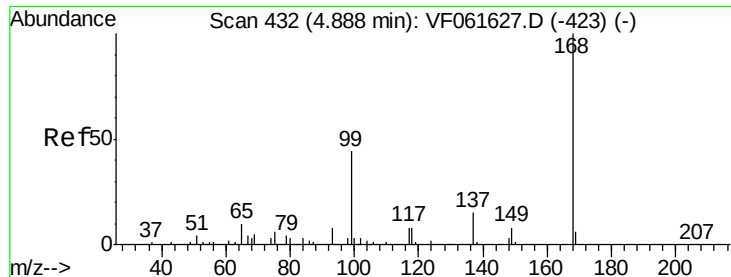
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061771.D

Acq: 27 Feb 2019 17:33

Instrument :

MSVOA_F

ClientSampleId :

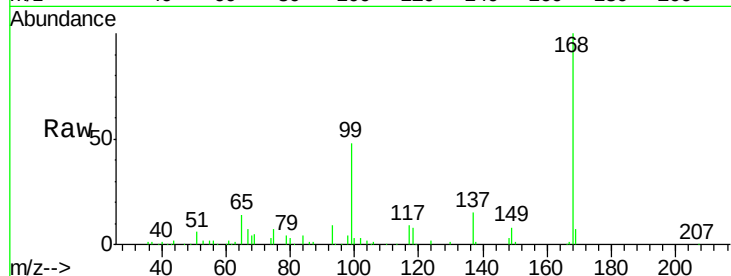
PL-02-022619-A

Tot Ion:168 Resp: 155779

Ion Ratio Lower Upper

168 100

99 48.4 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

50000

40000

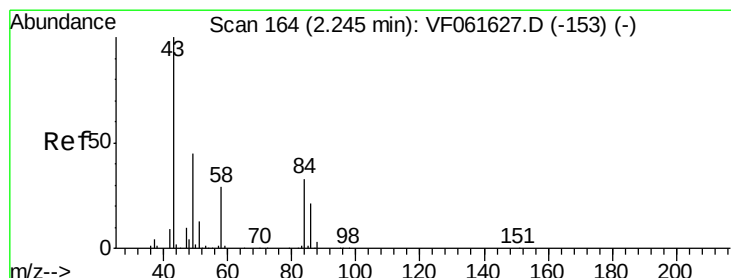
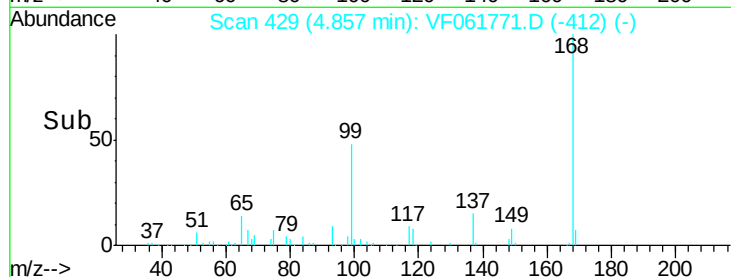
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 28.372 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061771.D

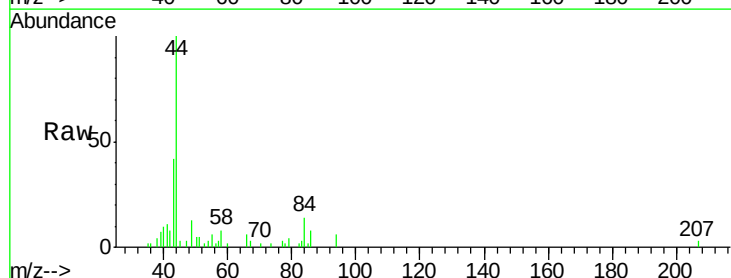
Acq: 27 Feb 2019 17:33

Tgt Ion: 43 Resp: 6954

Ion Ratio Lower Upper

43 100

58 19.2 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

2500

2000

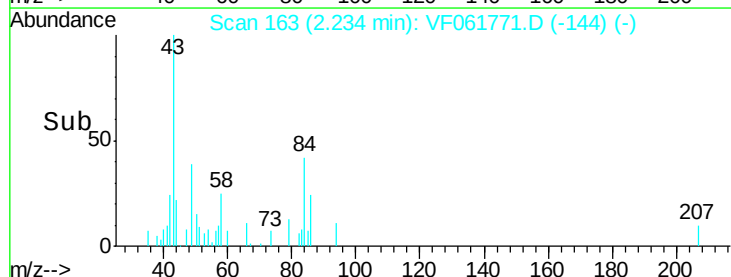
1500

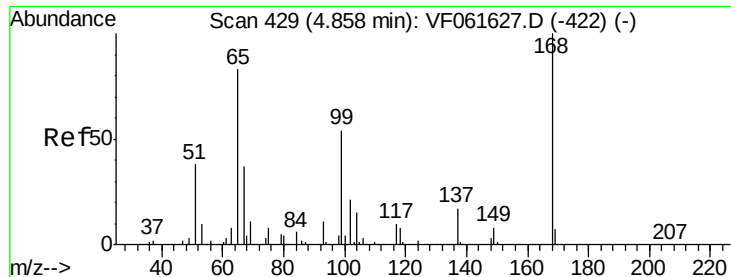
1000

500

0

Time-->

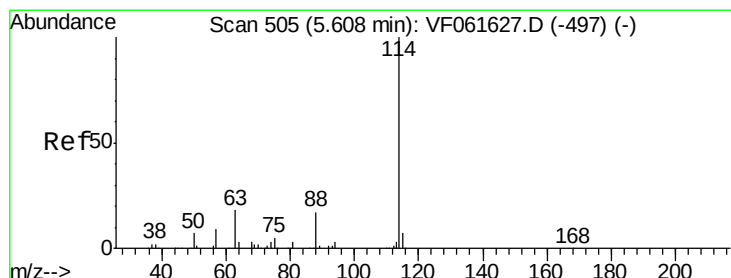
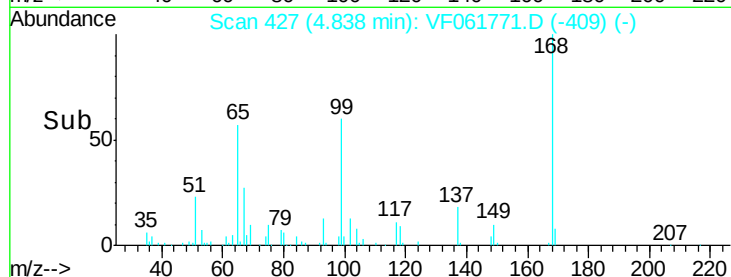
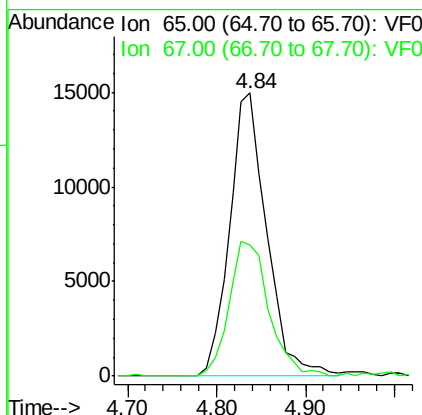
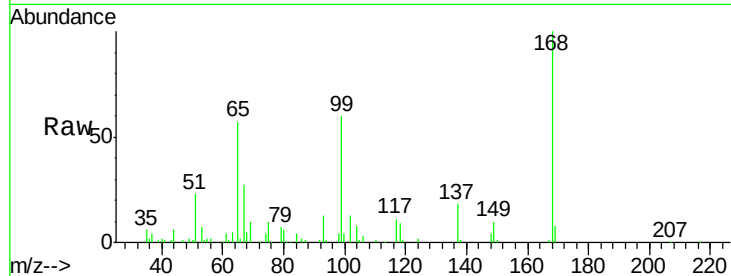




#33
 1,2-Dichloroethane-d4
 Concen: 38.043 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: VF061771.D
 Acq: 27 Feb 2019 17:33

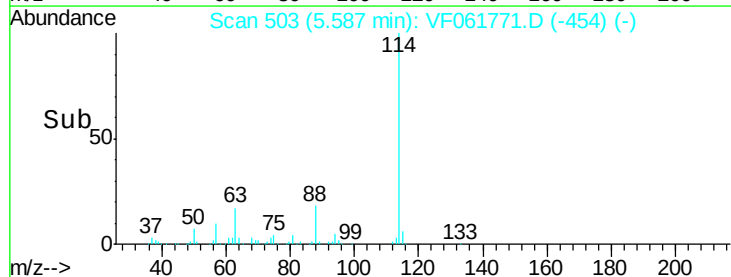
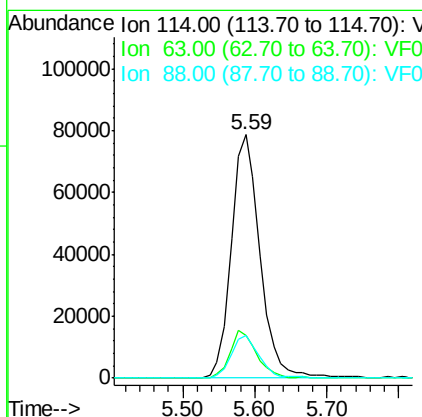
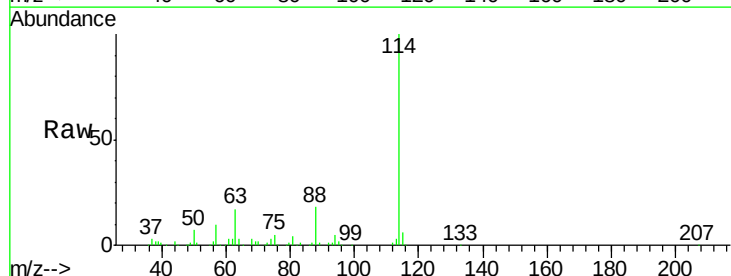
Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-022619-A

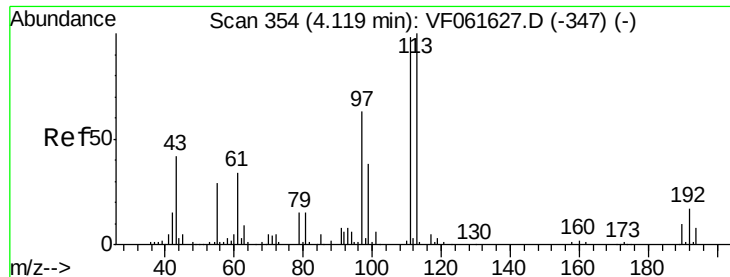
Tot Ion: 65 Resp: 43458
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061771.D
 Acq: 27 Feb 2019 17:33

Tgt Ion: 114 Resp: 217931
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.6
 88 17.7 0.0 34.4

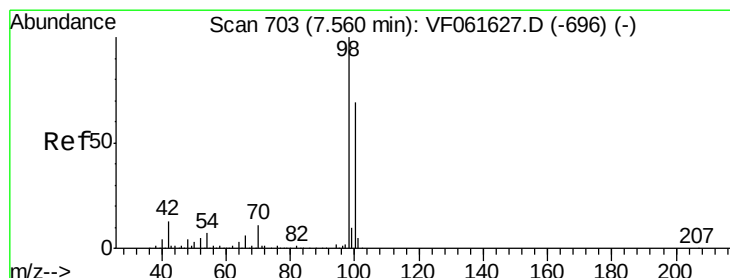
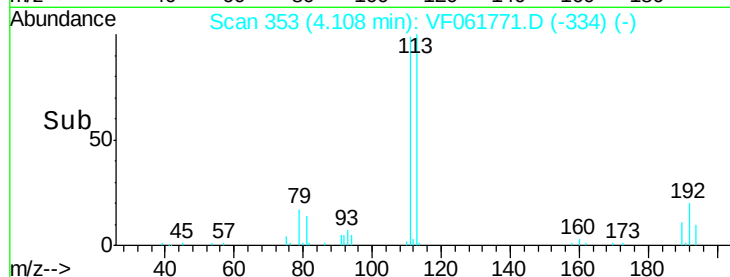
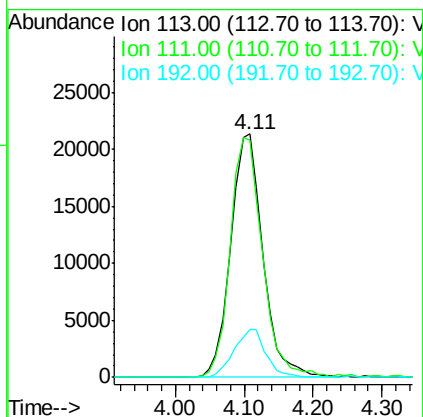
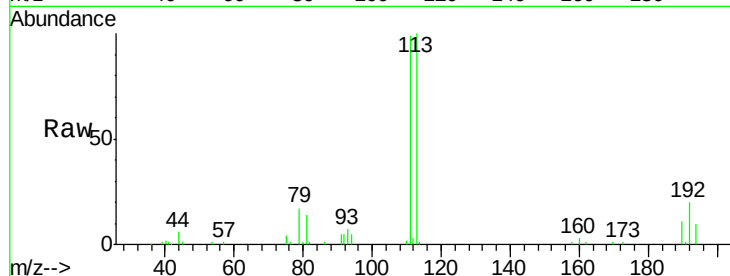




#35
 Dibromofluoromethane
 Concen: 42.863 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061771.D
 Acq: 27 Feb 2019 17:33

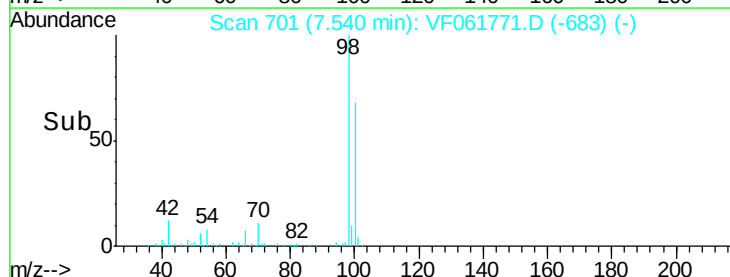
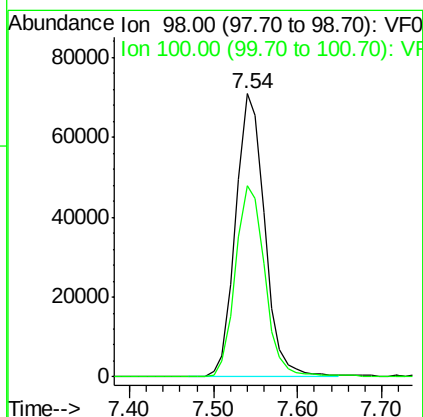
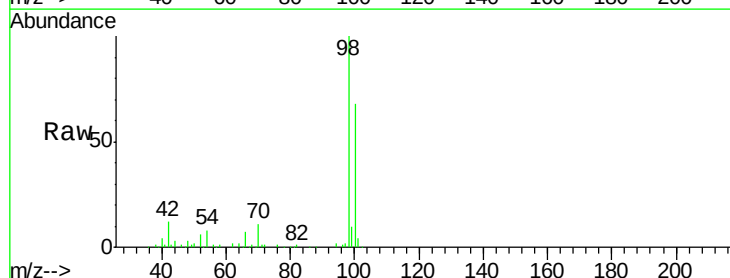
Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-022619-A

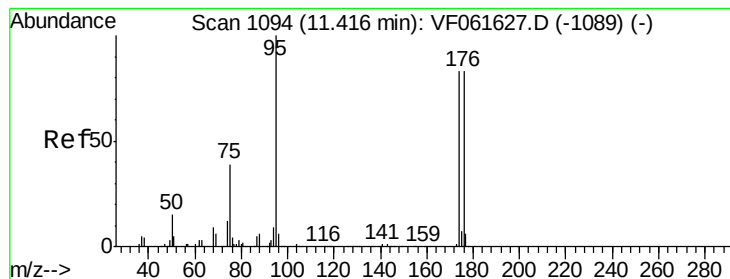
Tot Ion:113 Resp: 69369
 Ion Ratio Lower Upper
 113 100
 111 97.5 78.8 118.2
 192 19.9 13.4 20.0



#50
 Toluene-d8
 Concen: 36.812 ug/l
 RT: 7.54 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: VF061771.D
 Acq: 27 Feb 2019 17:33

Tgt Ion: 98 Resp: 171264
 Ion Ratio Lower Upper
 98 100
 100 67.5 55.4 83.2





#62

4-Bromofluorobenzene

Concen: 34.549 ug/l

RT: 11.40 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061771.D

Acq: 27 Feb 2019 17:33

Instrument :

MSVOA_F

ClientSampleId :

PL-02-022619-A

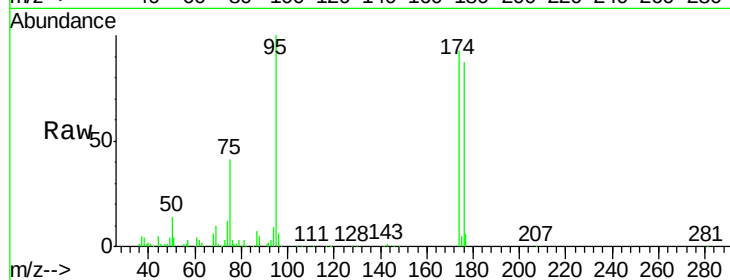
Tot Ion: 95 Resp: 65036

Ion Ratio Lower Upper

95 100

174 92.9 0.0 165.8

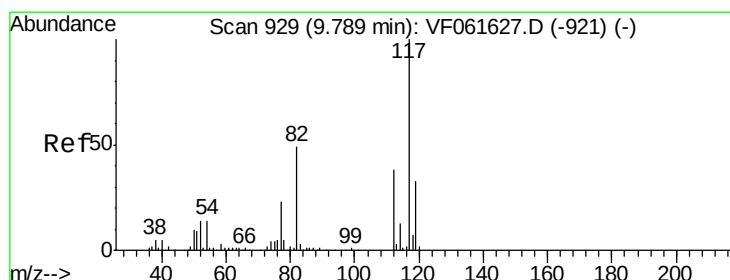
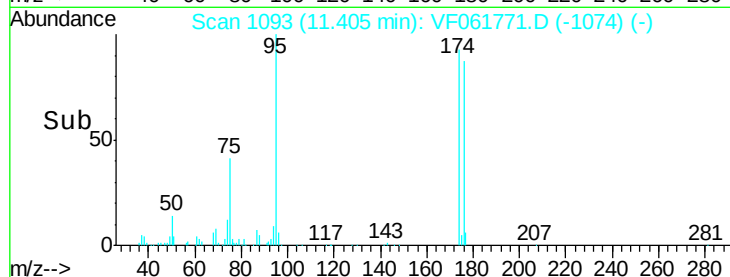
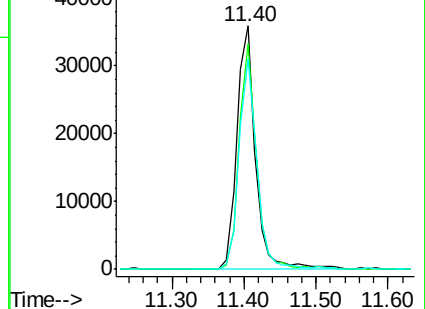
176 86.6 0.0 167.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.02 min

Lab File: VF061771.D

Acq: 27 Feb 2019 17:33

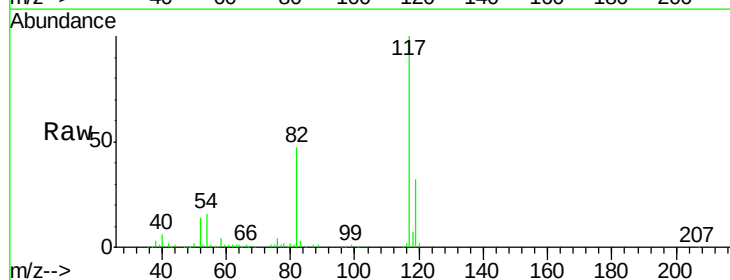
Tgt Ion: 117 Resp: 163725

Ion Ratio Lower Upper

117 100

82 46.8 39.3 58.9

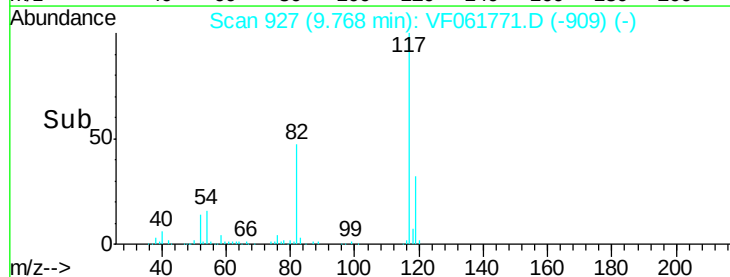
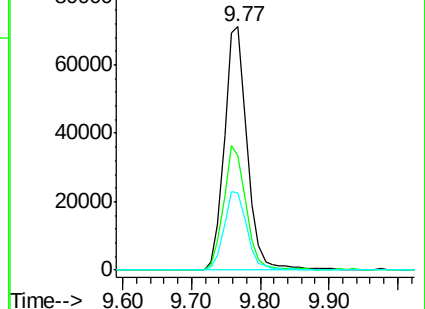
119 31.7 26.6 40.0

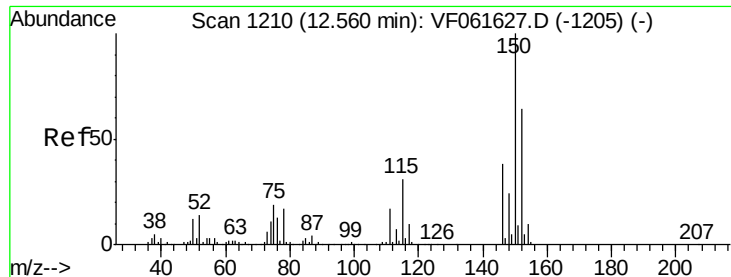


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

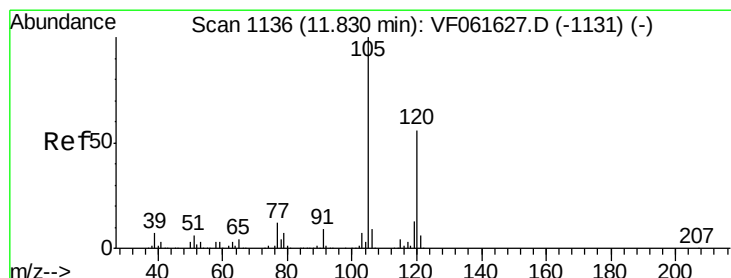
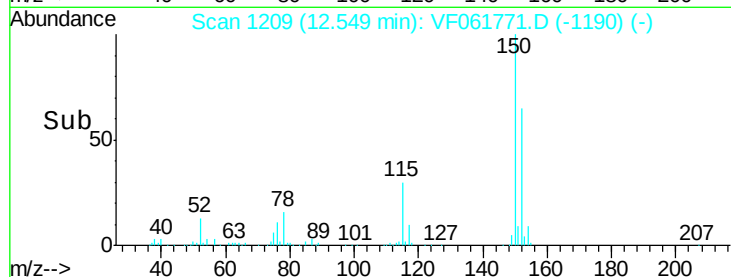
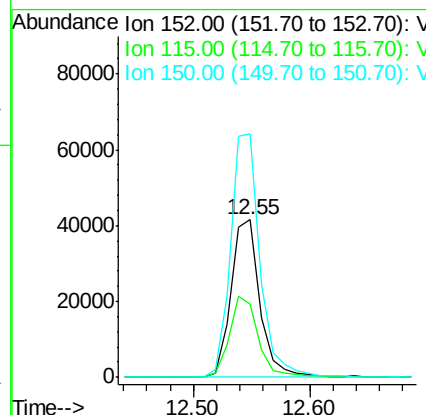
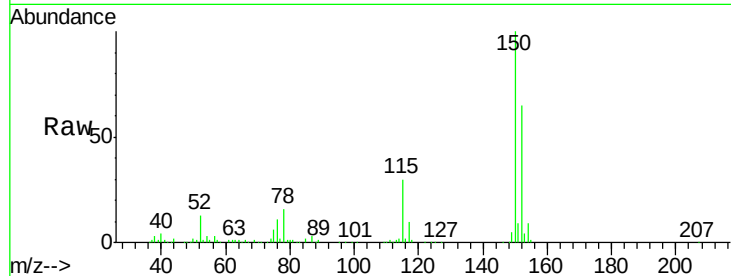




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: VF061771.D
 Acq: 27 Feb 2019 17:33

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-022619-A

Tot Ion:152 Resp: 71939
 Ion Ratio Lower Upper
 152 100
 115 46.7 24.3 72.8
 150 154.7 0.0 312.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.265 ug/l
 RT: 11.82 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: VF061771.D
 Acq: 27 Feb 2019 17:33

Tgt Ion:105 Resp: 5178
 Ion Ratio Lower Upper
 105 100
 120 51.9 27.9 83.6

