

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061647.D
 Acq On : 14 Feb 2019 18:27
 Operator : VA/AP
 Sample : K1484-15
 Misc : 4.78g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-3-D

Quant Time: Feb 15 01:35:02 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

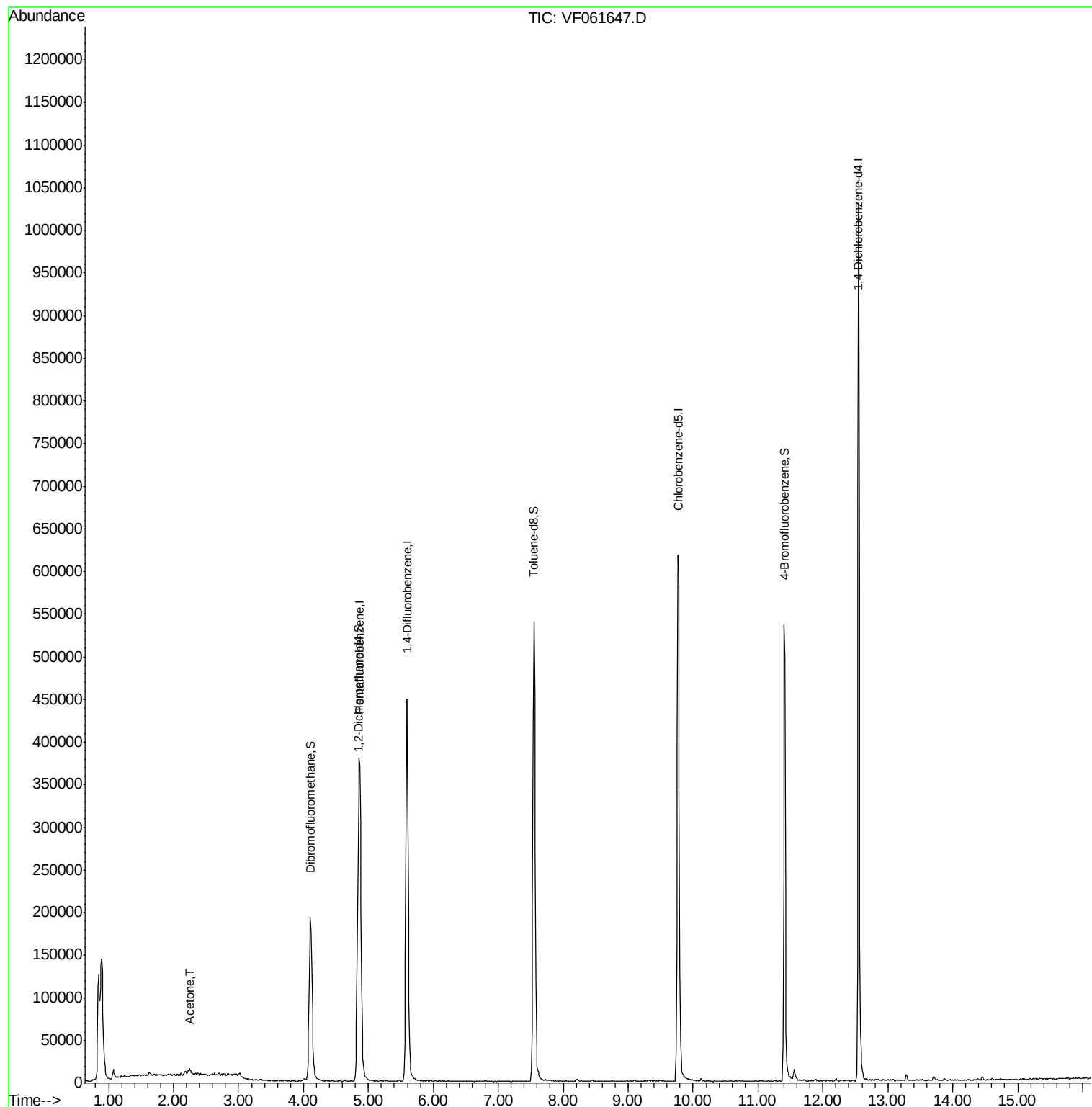
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	387590	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	582428	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	522500	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	296841	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	122072	42.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.90%	
35) Dibromofluoromethane	4.11	113	194767	45.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.06%	
50) Toluene-d8	7.55	98	487611	39.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	78.44%	
62) 4-Bromofluorobenzene	11.41	95	212713	42.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.56%	
Target Compounds						
16) Acetone	2.24	43	11323	18.568	ug/l #	Qvalue 87

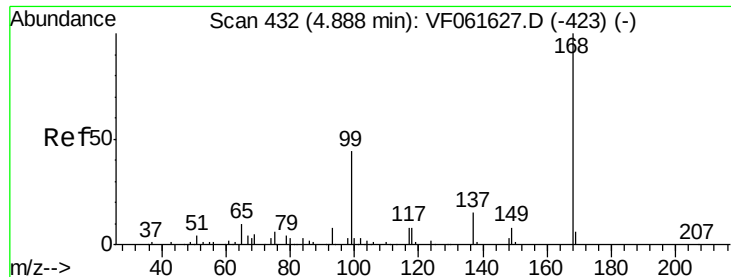
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF061647.D

Acq: 14 Feb 2019 18:27

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MSVOA_F

ClientSampleId :

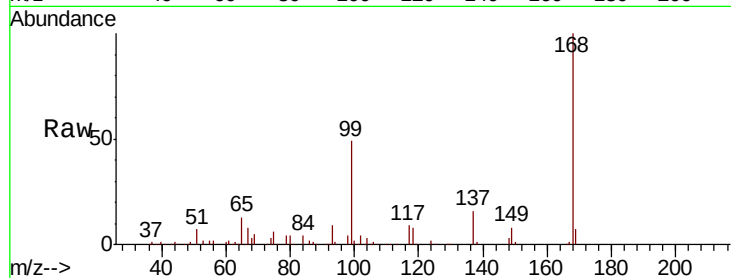
M-3-D

Tgt Ion:168 Resp: 387590

Ion Ratio Lower Upper

168 100

99 48.6 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

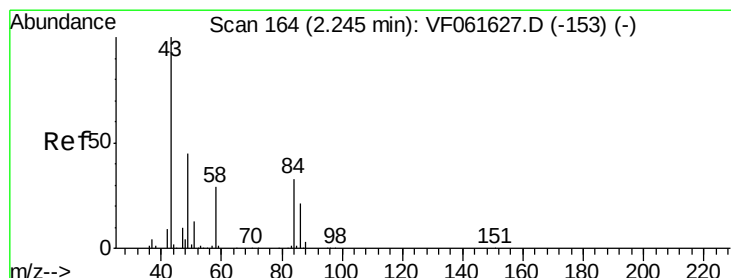
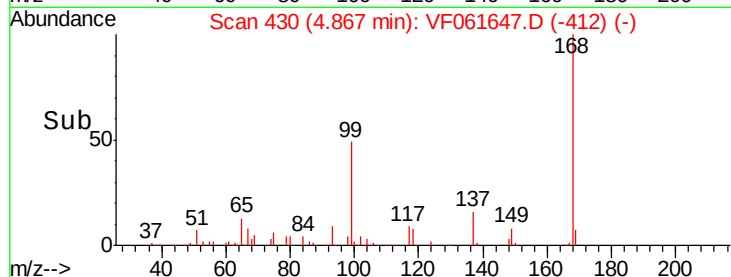
4.87

100000

50000

0

Time-->



#16

Acetone

Concen: 18.568 ug/l

RT: 2.24 min Scan# 164

Delta R.T. -0.00 min

Lab File: VF061647.D

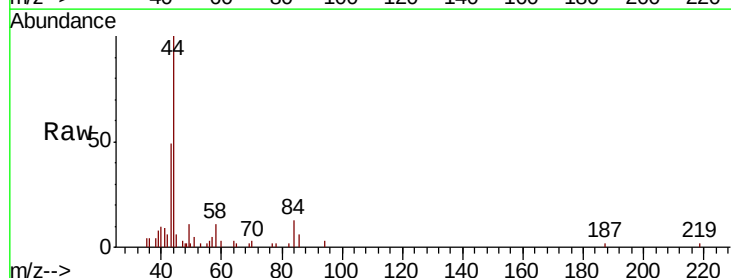
Acq: 14 Feb 2019 18:27

Tgt Ion: 43 Resp: 11323

Ion Ratio Lower Upper

43 100

58 21.8 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

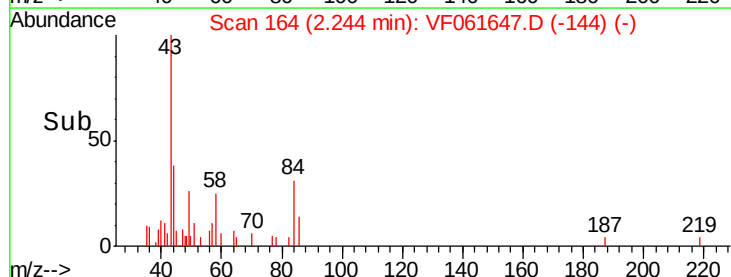
3000

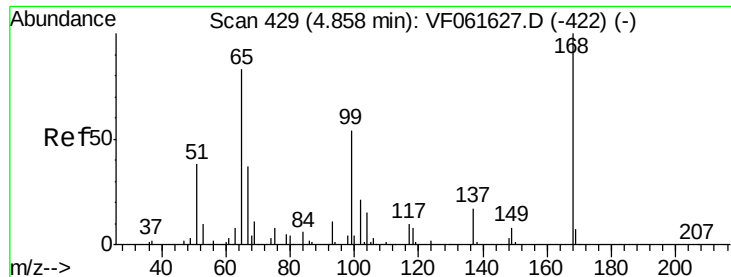
2000

1000

0

Time-->

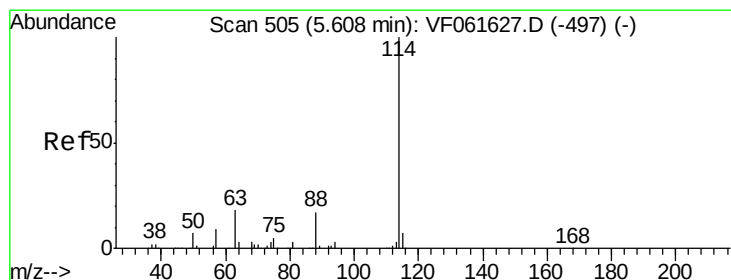
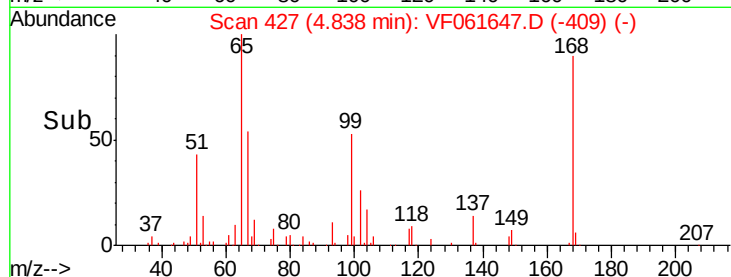
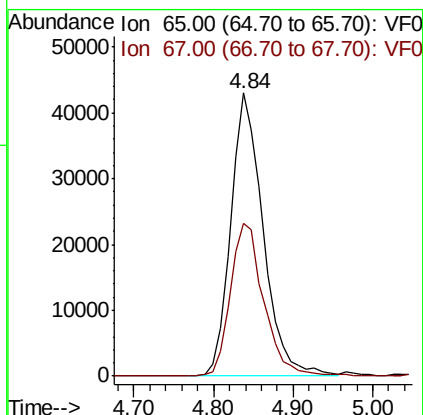
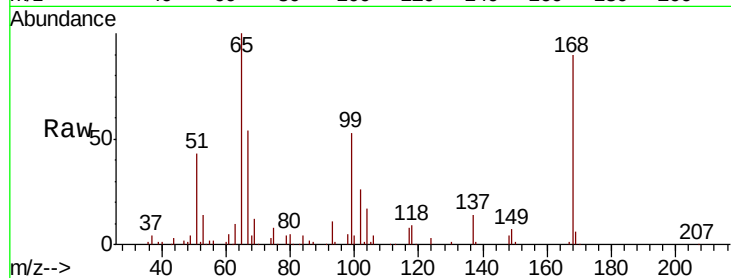




#33
 1,2-Dichloroethane-d4
 Concen: 42.949 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: VF061647.D
 Acq: 14 Feb 2019 18:27

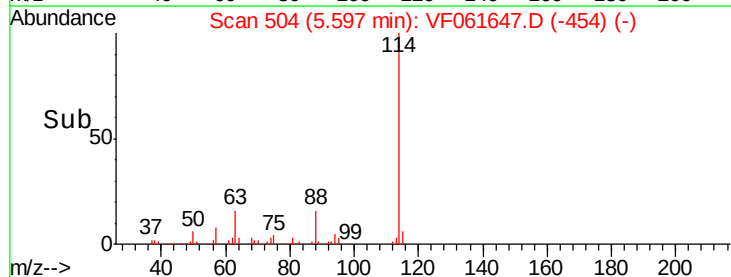
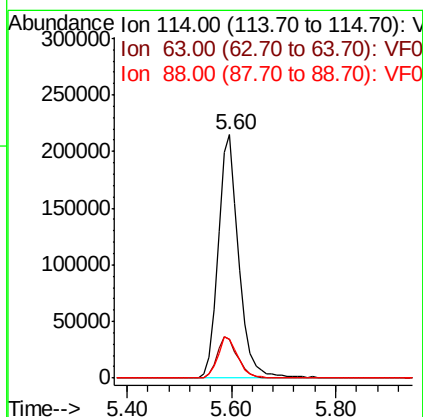
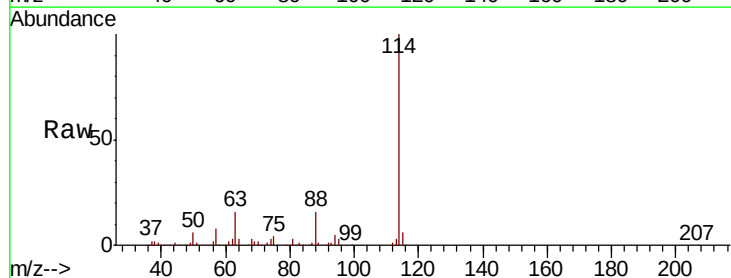
Instrument :
 MSVOA_F
 ClientSampleId :
 M-3-D

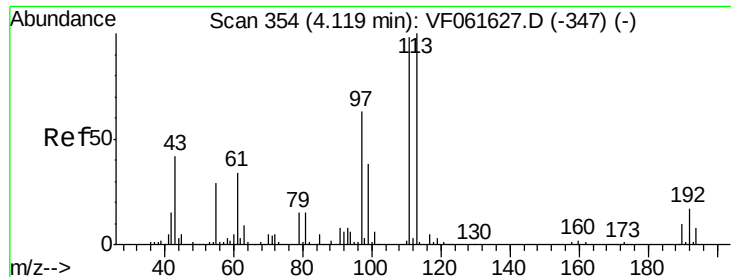
Tgt Ion: 65 Resp: 122072
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF061647.D
 Acq: 14 Feb 2019 18:27

Tgt Ion: 114 Resp: 582428
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 36.6
 88 15.8 0.0 34.4

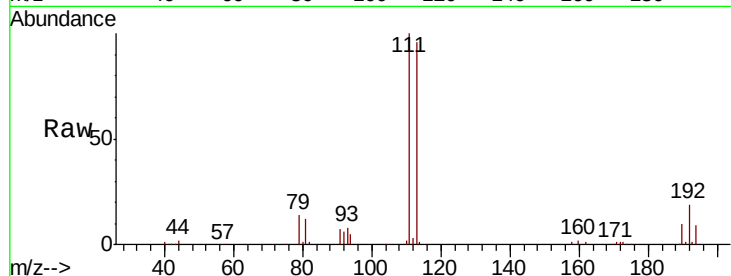




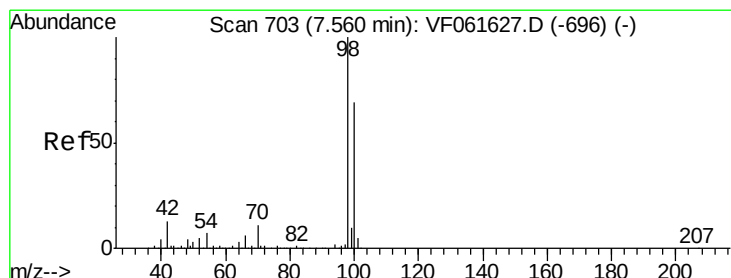
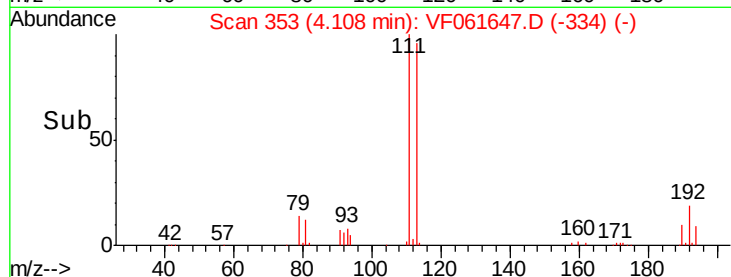
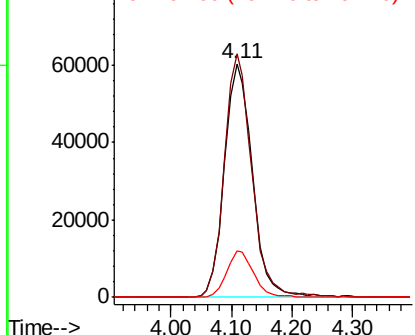
#35
 Dibromofluoromethane
 Concen: 45.031 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061647.D
 Acq: 14 Feb 2019 18:27

Instrument :
 MSVOA_F
 ClientSampleId :
 M-3-D

Tgt Ion:113 Resp: 194767
 Ion Ratio Lower Upper
 113 100
 111 104.2 78.8 118.2
 192 20.0 13.4 20.0

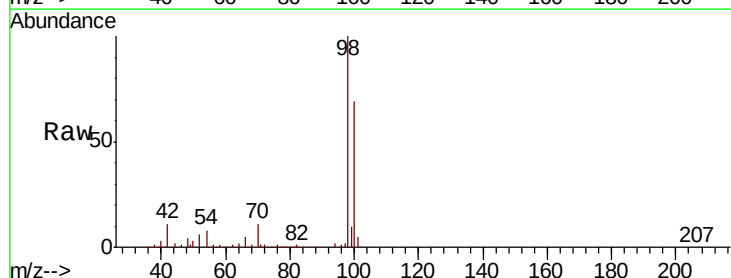


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

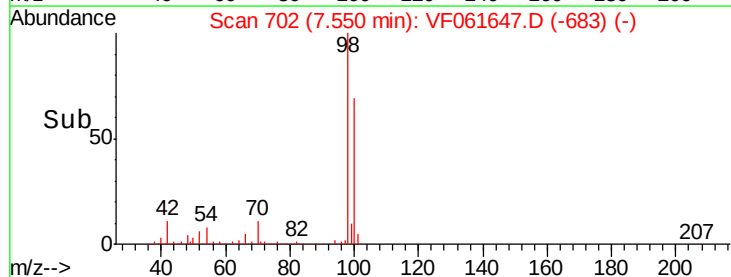
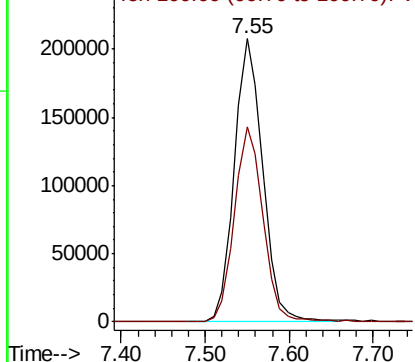


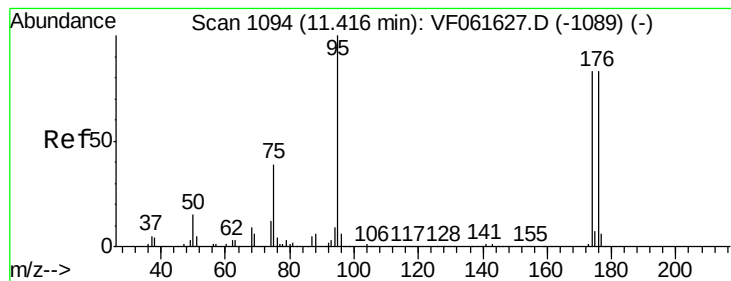
#50
 Toluene-d8
 Concen: 39.217 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VF061647.D
 Acq: 14 Feb 2019 18:27

Tgt Ion: 98 Resp: 487611
 Ion Ratio Lower Upper
 98 100
 100 68.9 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 42.282 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061647.D

Acq: 14 Feb 2019 18:27

Instrument :

MSVOA_F

ClientSampleId :

M-3-D

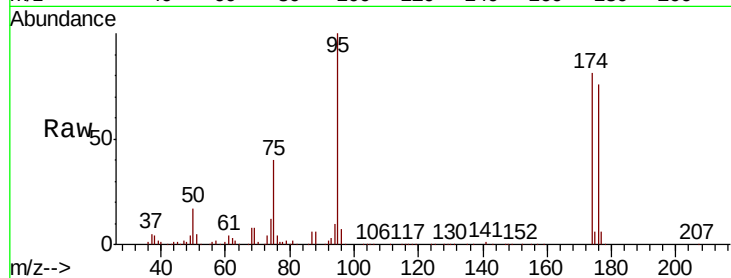
Tgt Ion: 95 Resp: 212713

Ion Ratio Lower Upper

95 100

174 81.4 0.0 165.8

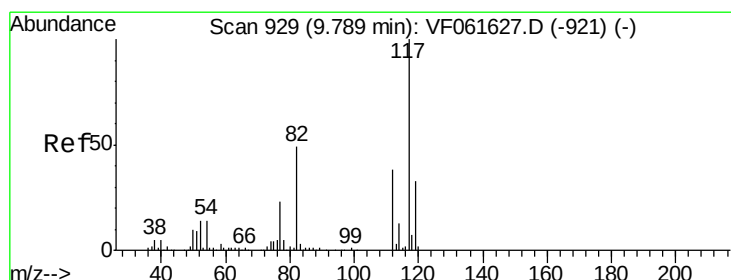
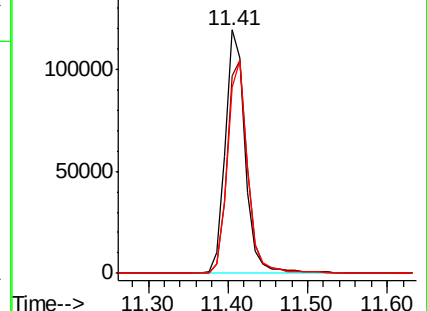
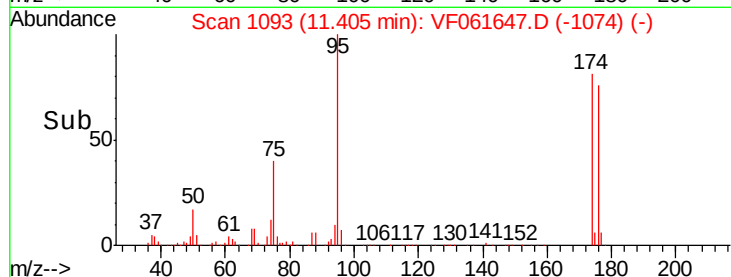
176 76.4 0.0 167.0



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: VF061647.D

Acq: 14 Feb 2019 18:27

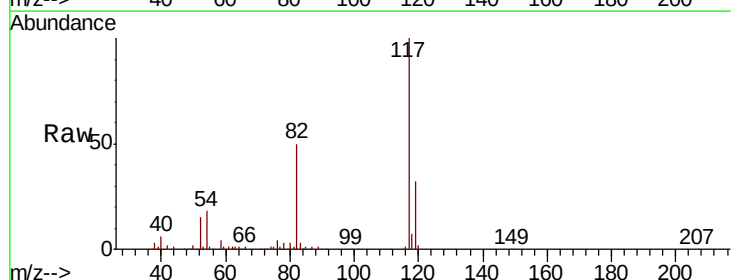
Tgt Ion: 117 Resp: 522500

Ion Ratio Lower Upper

117 100

82 49.7 39.3 58.9

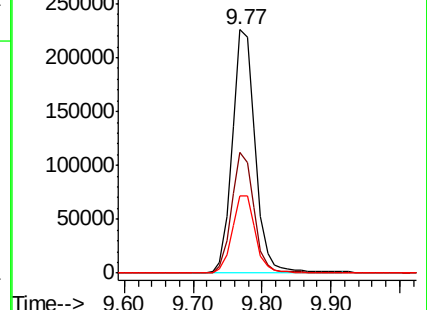
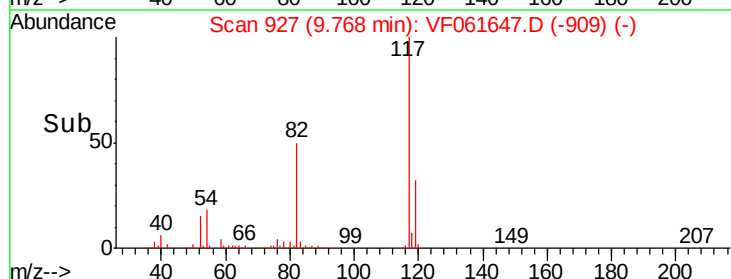
119 31.7 26.6 40.0

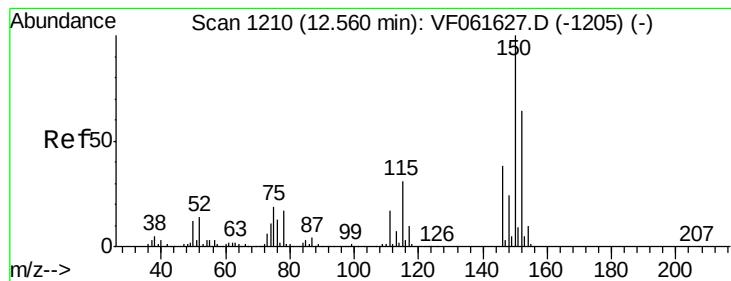


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: VF061647.D

Acq: 14 Feb 2019 18:27

Instrument :

MSVOA_F

ClientSampleId :

M-3-D

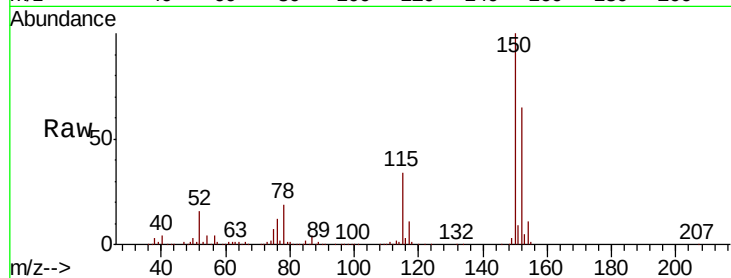
Tgt Ion:152 Resp: 296841

Ion Ratio Lower Upper

152 100

115 52.9 24.3 72.8

150 153.6 0.0 312.0



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

