

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
 Data File : VF061394.D
 Acq On : 14 Jan 2019 17:32
 Operator : VA/AP
 Sample : K1139-03
 Misc : 3.78g/5mL/MSVOA-F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-2

Quant Time: Jan 14 22:04:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

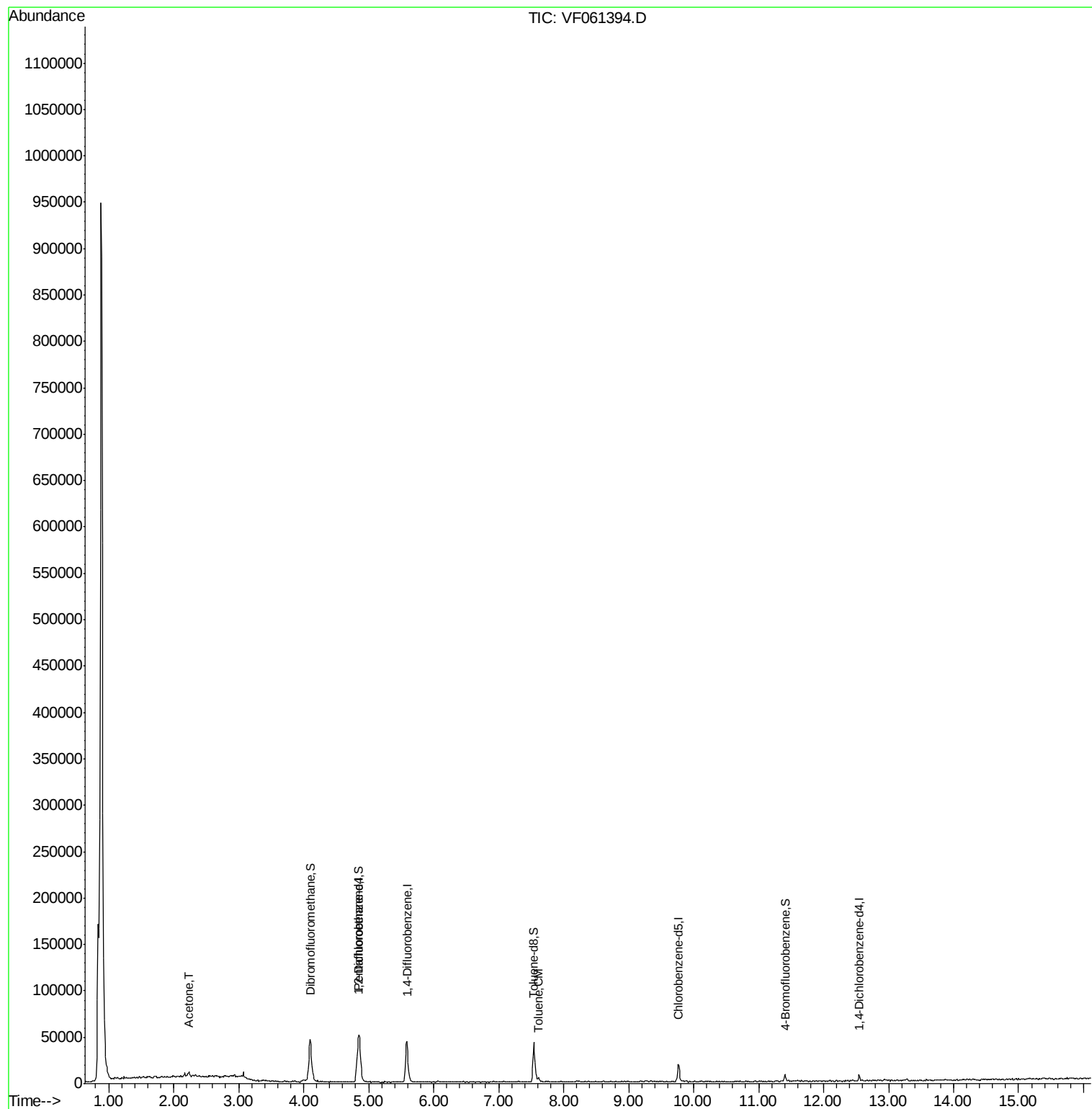
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	32235	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	49832	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	14767	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	1508	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	31753	88.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	177.00%	
35) Dibromofluoromethane	4.10	113	40977	107.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	214.94%	
50) Toluene-d8	7.54	98	33516	29.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.40%	
62) 4-Bromofluorobenzene	11.40	95	3399	6.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	13.80%	
Target Compounds						
16) Acetone	2.23	43	6494	77.806	ug/l	97
52) Toluene	7.62	92	1611	1.845	ug/l	94

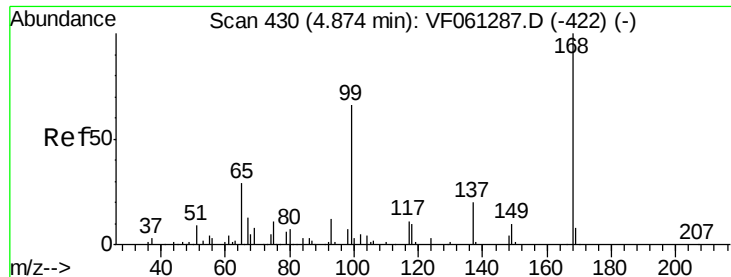
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061394.D

Acq: 14 Jan 2019 17:32

Instrument :

MSVOA_F

ClientSampled :

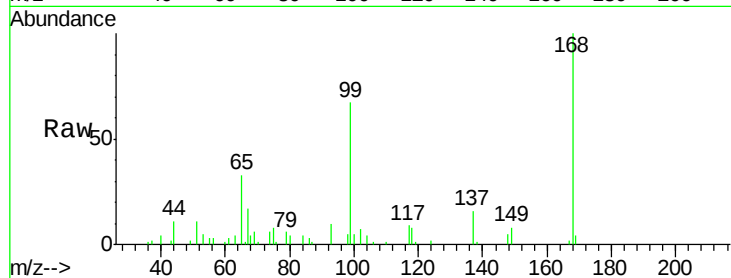
S-2

Tot Ion:168 Resp: 32235

Ion Ratio Lower Upper

168 100

99 67.4 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

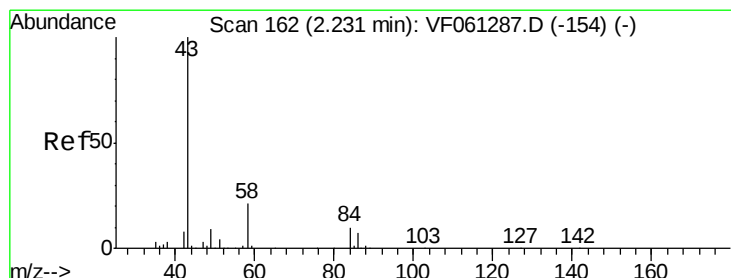
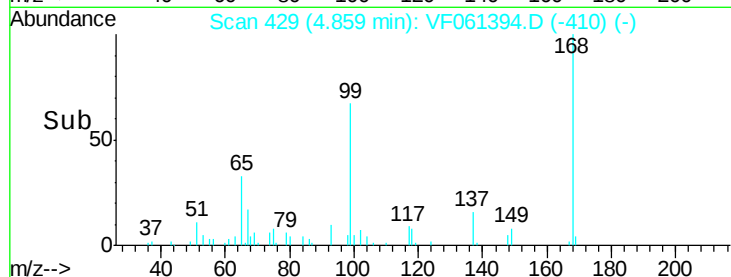
4.86

10000

5000

0

Time-->



#16

Acetone

Concen: 77.806 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061394.D

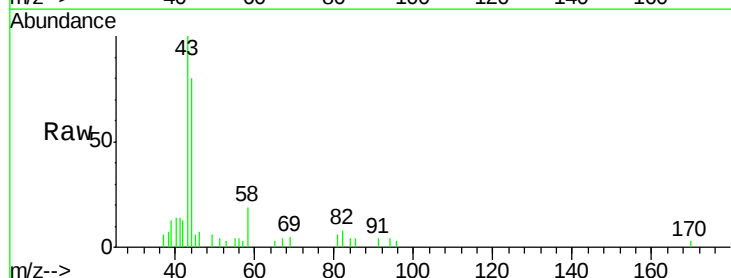
Acq: 14 Jan 2019 17:32

Tgt Ion: 43 Resp: 6494

Ion Ratio Lower Upper

43 100

58 19.3 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

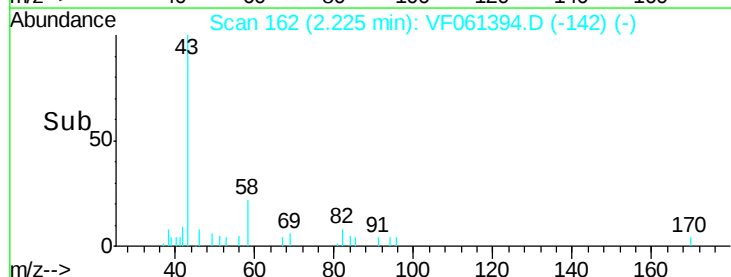
3000

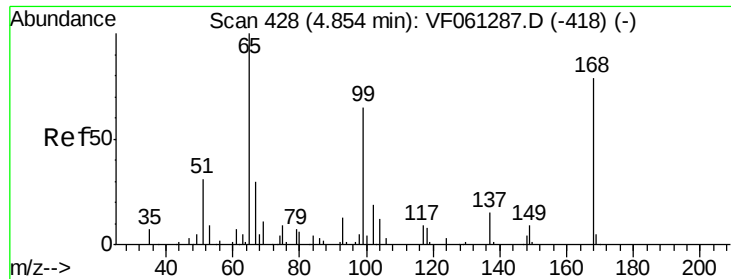
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 88.499 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061394.D

Acq: 14 Jan 2019 17:32

Instrument :

MSVOA_F

ClientSampleId :

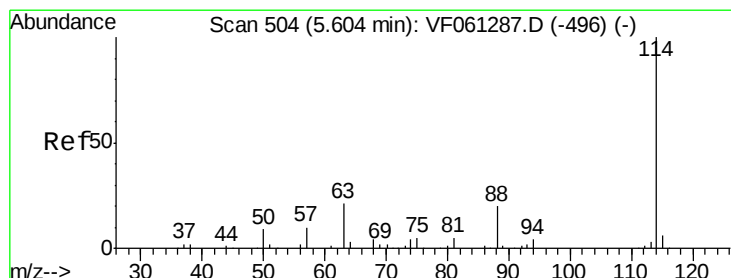
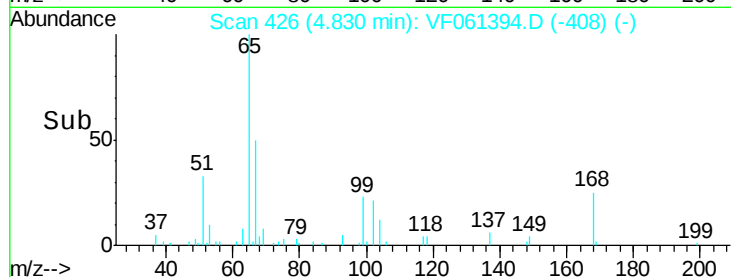
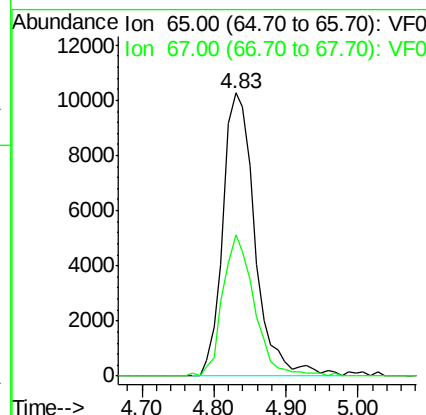
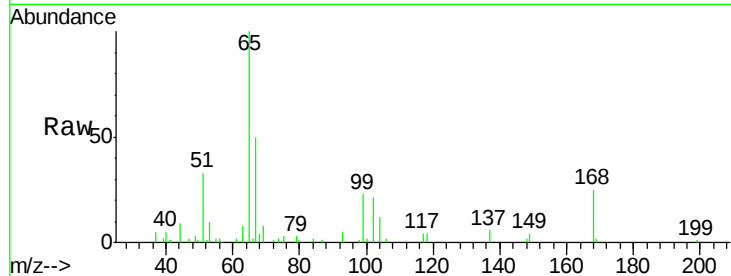
S-2

Tot Ion: 65 Resp: 31753

Ion Ratio Lower Upper

65 100

67 49.8 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF061394.D

Acq: 14 Jan 2019 17:32

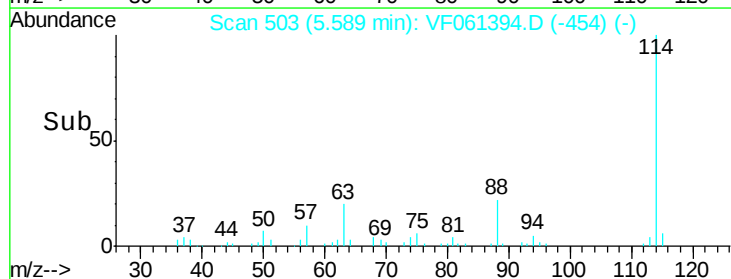
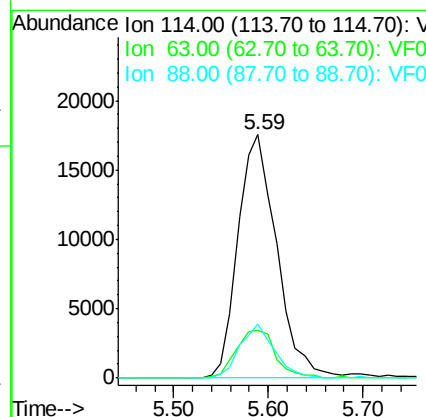
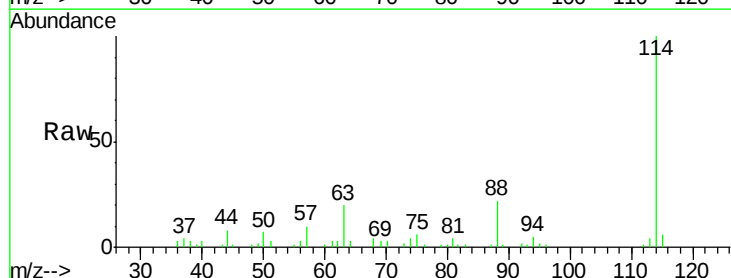
Tgt Ion: 114 Resp: 49832

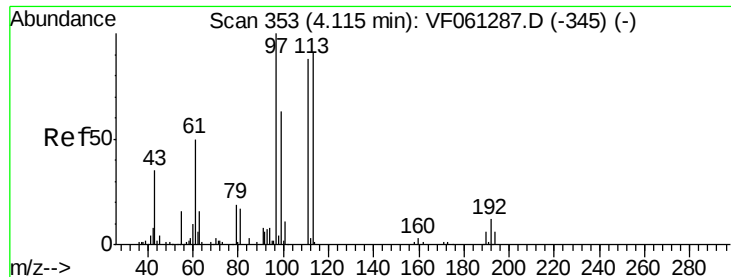
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 22.3 0.0 40.0

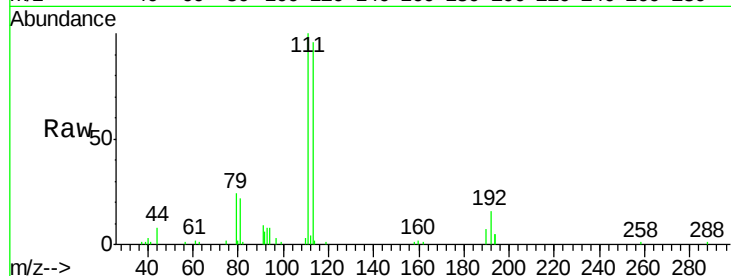




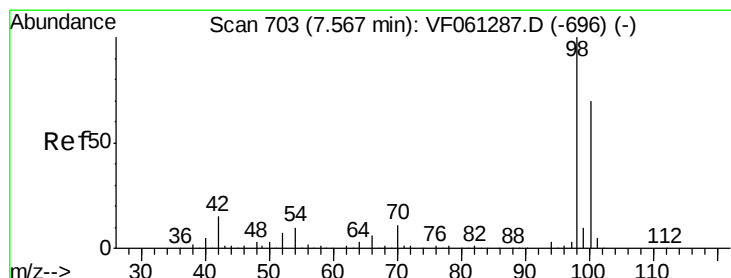
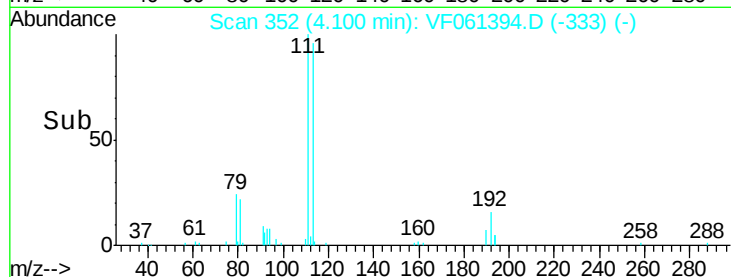
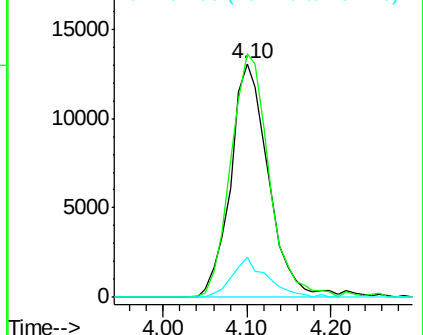
#35
 Dibromofluoromethane
 Concen: 107.467 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF061394.D
 Acq: 14 Jan 2019 17:32

Instrument :
 MSVOA_F
 ClientSampleId :
 S-2

Tot Ion:113 Resp: 40977
 Ion Ratio Lower Upper
 113 100
 111 104.2 78.0 117.0
 192 17.2 10.6 16.0#

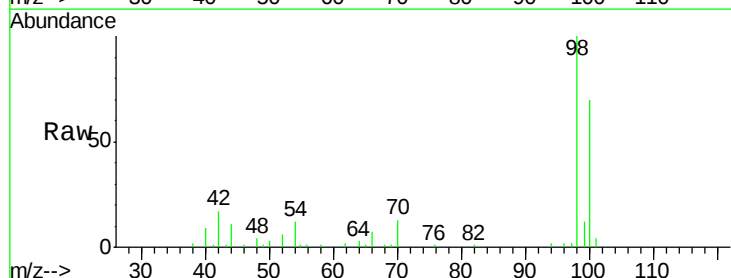


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

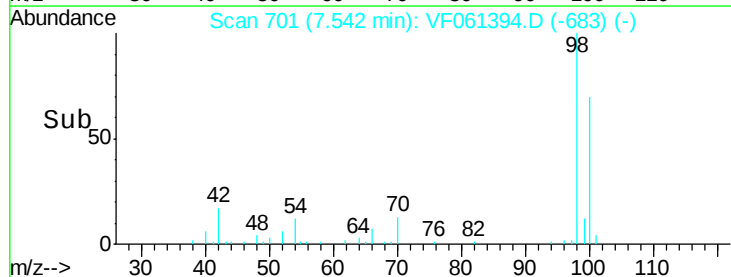
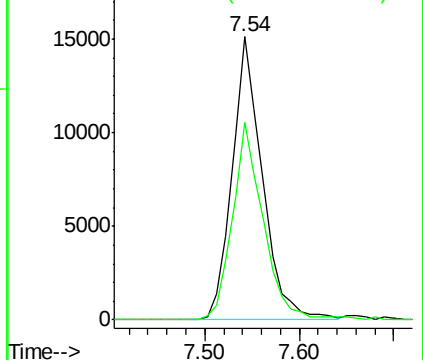


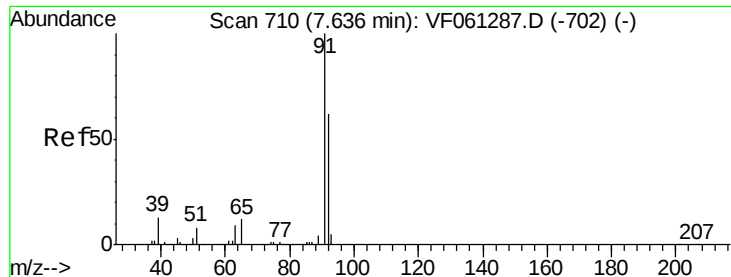
#50
 Toluene-d8
 Concen: 29.703 ug/l
 RT: 7.54 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: VF061394.D
 Acq: 14 Jan 2019 17:32

Tgt Ion: 98 Resp: 33516
 Ion Ratio Lower Upper
 98 100
 100 69.7 55.6 83.4



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





#52

Toluene

Concen: 1.845 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.01 min

Lab File: VF061394.D

Acq: 14 Jan 2019 17:32

Instrument :

MSVOA_F

ClientSampled :

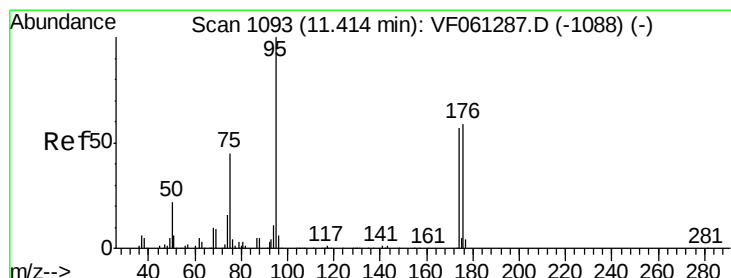
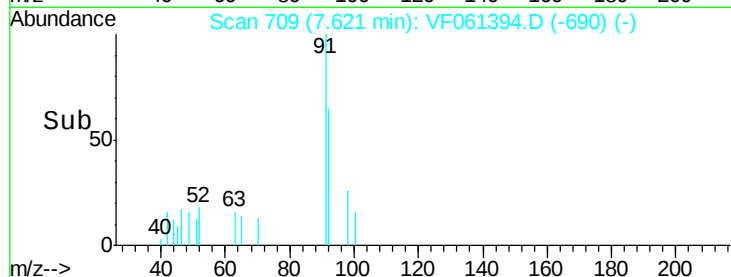
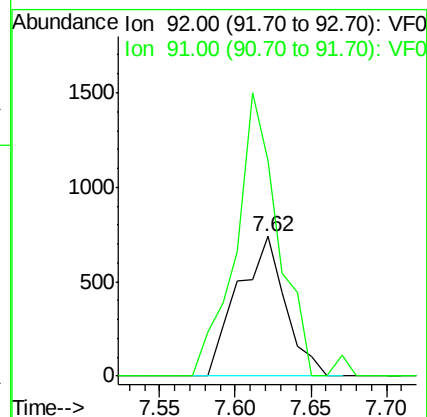
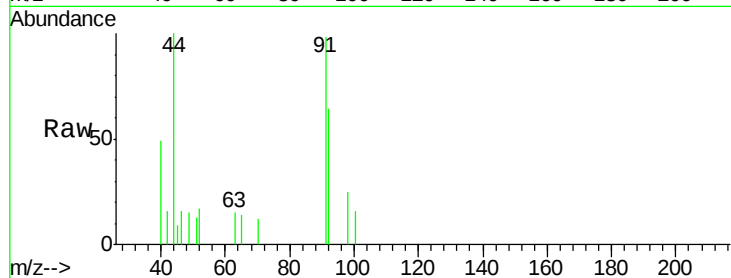
S-2

Tot Ion: 92 Resp: 1611

Ion Ratio Lower Upper

92 100

91 153.9 129.2 193.8



#62

4-Bromofluorobenzene

Concen: 6.899 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061394.D

Acq: 14 Jan 2019 17:32

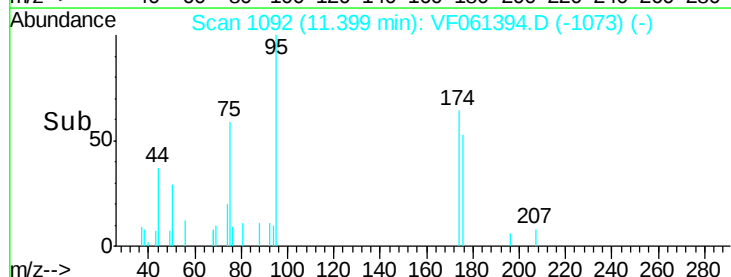
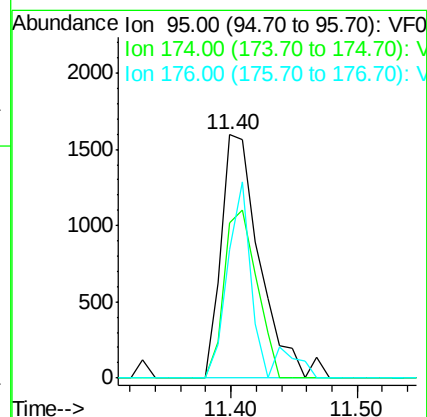
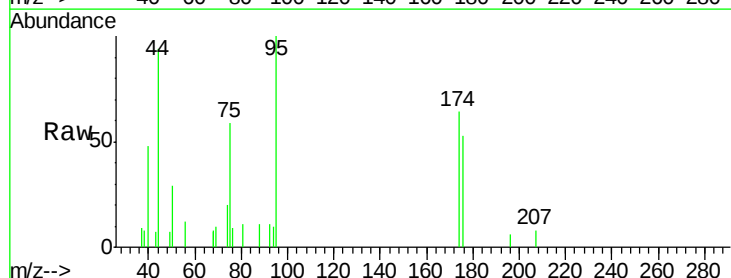
Tgt Ion: 95 Resp: 3399

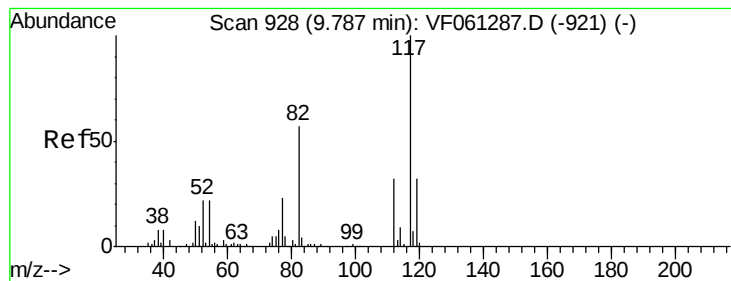
Ion Ratio Lower Upper

95 100

174 63.7 0.0 114.2

176 52.8 0.0 117.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VF061394.D

Acq: 14 Jan 2019 17:32

Instrument :

MSVOA_F

ClientSampled :

S-2

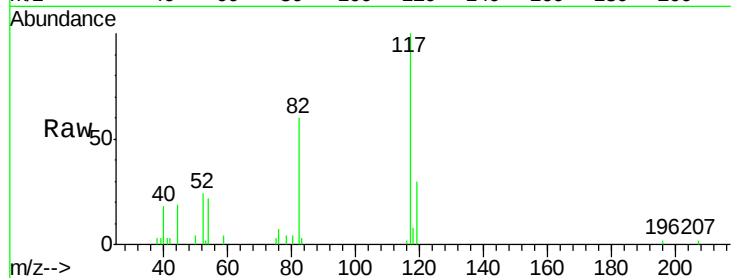
Tot Ion:117 Resp: 14767

Ion Ratio Lower Upper

117 100

82 60.0 45.3 67.9

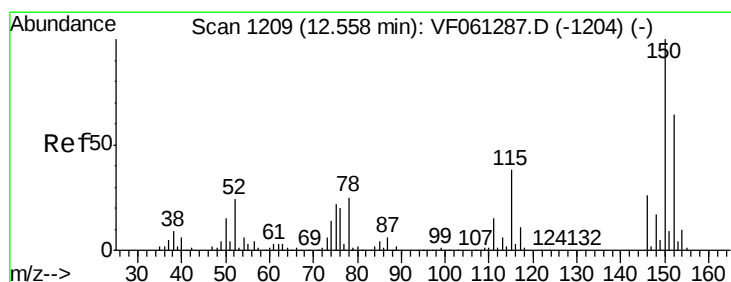
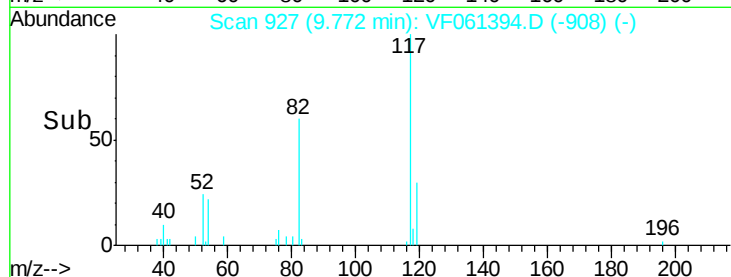
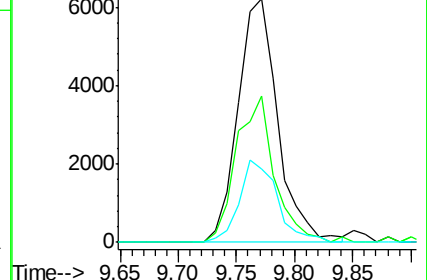
119 30.1 25.4 38.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061394.D

Acq: 14 Jan 2019 17:32

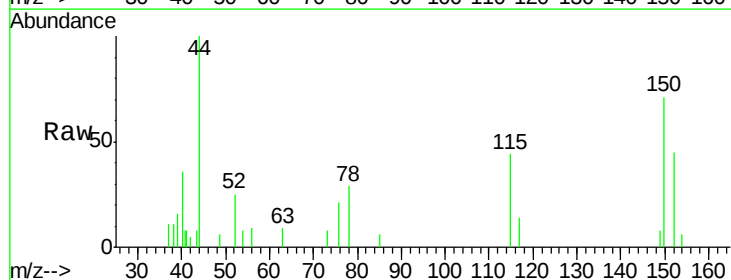
Tgt Ion:152 Resp: 1508

Ion Ratio Lower Upper

152 100

115 98.5 29.6 88.9#

150 158.1 0.0 315.4



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

