

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008630.D
 Acq On : 04 Apr 2019 13:01
 Operator : JC/SP
 Sample : K2263-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-040219

Quant Time: Apr 05 07:39:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127315	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	151279	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
35) Dibromofluoromethane	5.50	113	110190	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	451850	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	152915	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	

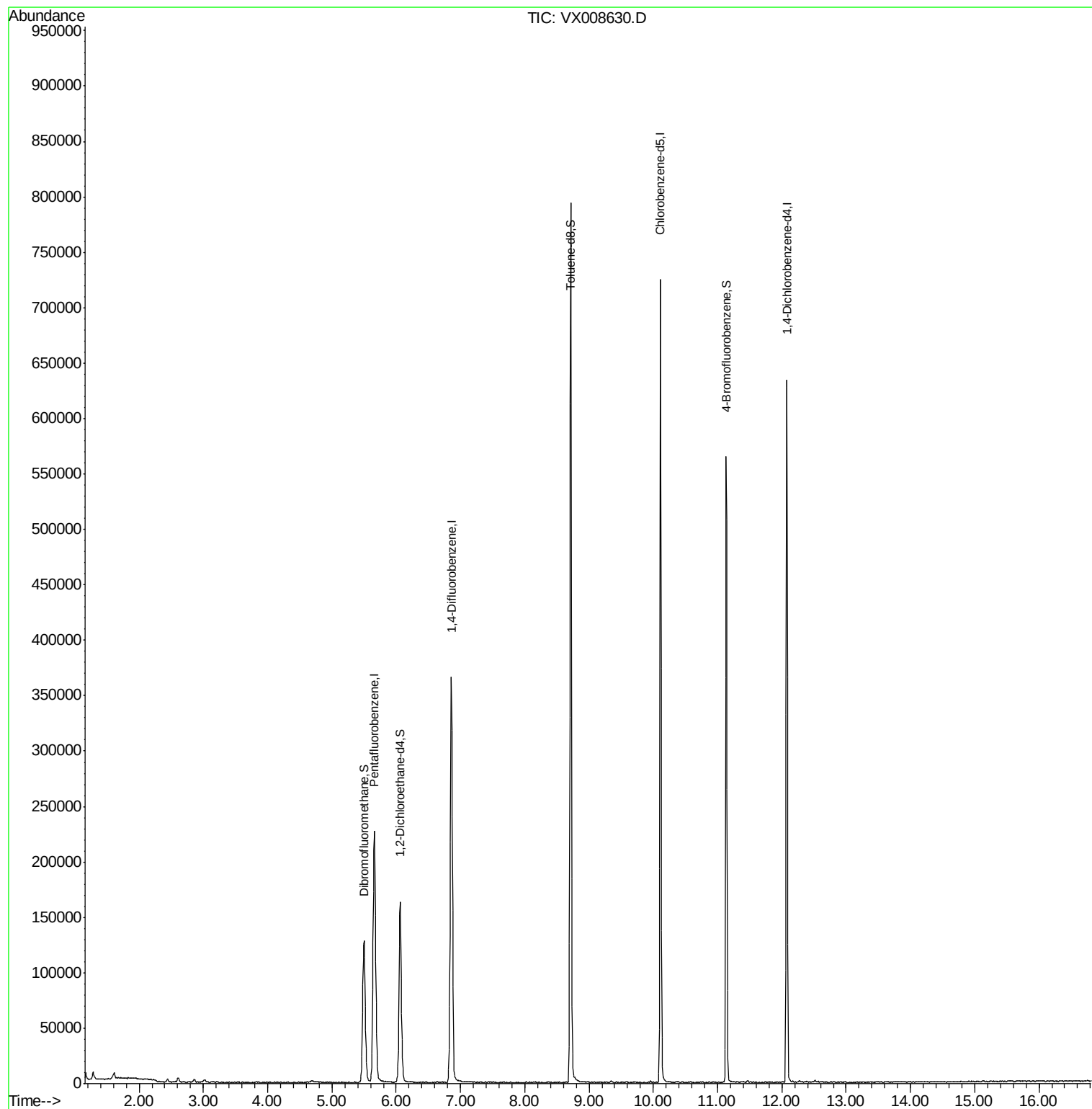
Target Compounds	Qvalue
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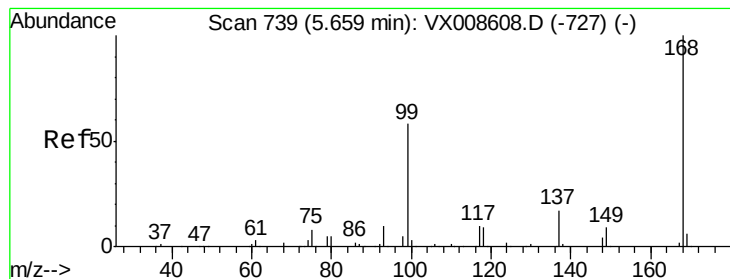
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008630.D

Acq: 04 Apr 2019 13:01

Instrument :

MSVOA_X

ClientSampleId :

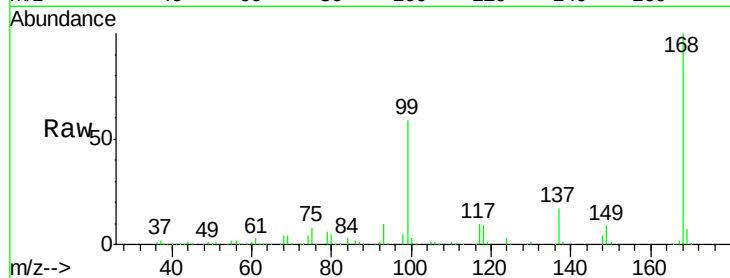
FB-040219

Tot Ion:168 Resp: 21522

Ion Ratio Lower Upper

168 100

99 59.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

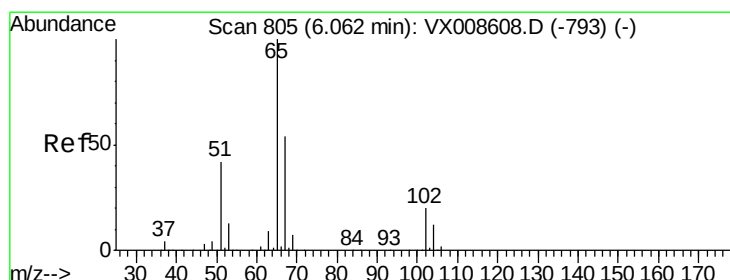
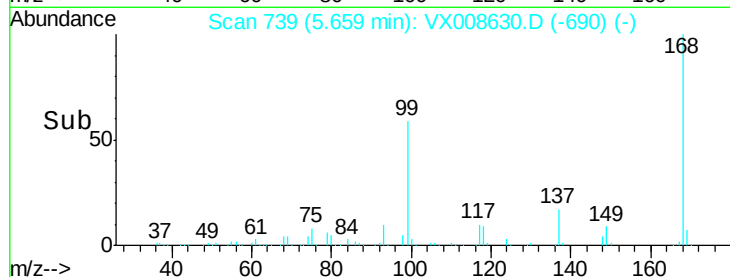
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.124 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008630.D

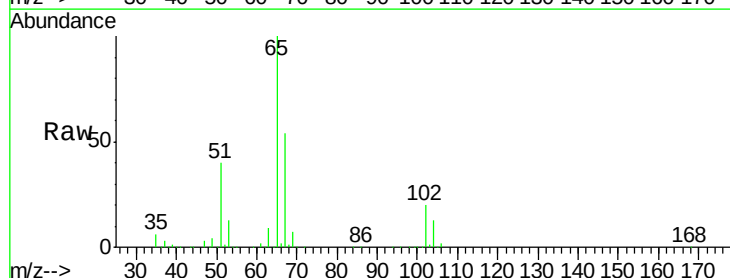
Acq: 04 Apr 2019 13:01

Tgt Ion: 65 Resp: 151279

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

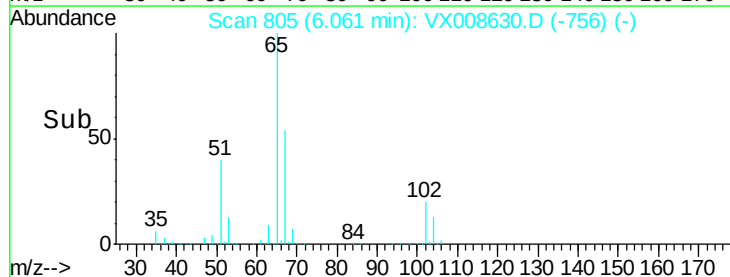
60000

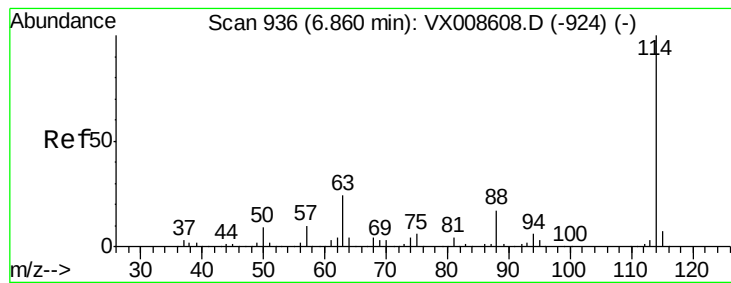
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008630.D

Acq: 04 Apr 2019 13:01

Instrument :

MSVOA_X

ClientSampleId :

FB-040219

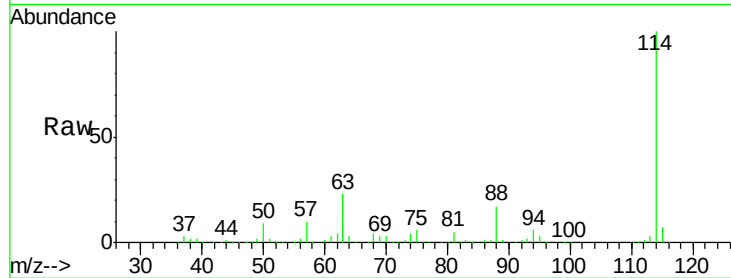
Tot Ion:114 Resp: 359099

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

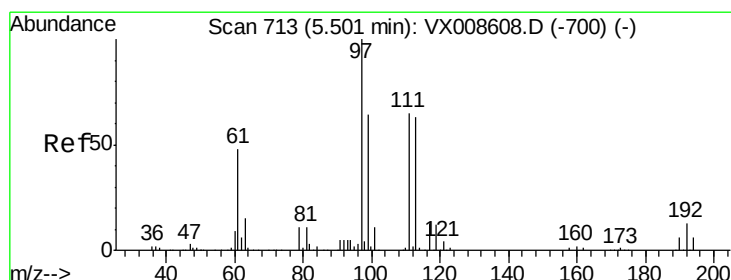
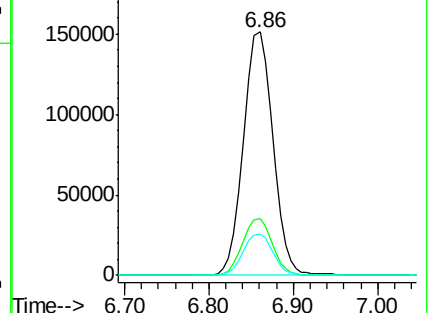
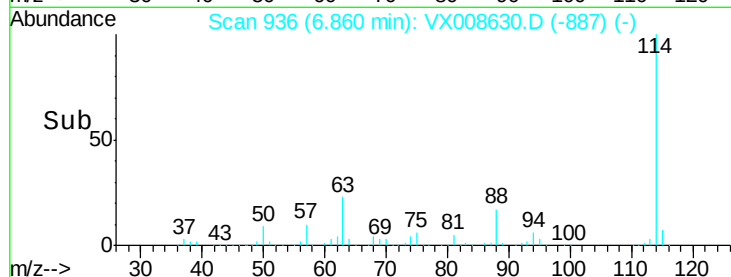
88 17.1 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.993 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008630.D

Acq: 04 Apr 2019 13:01

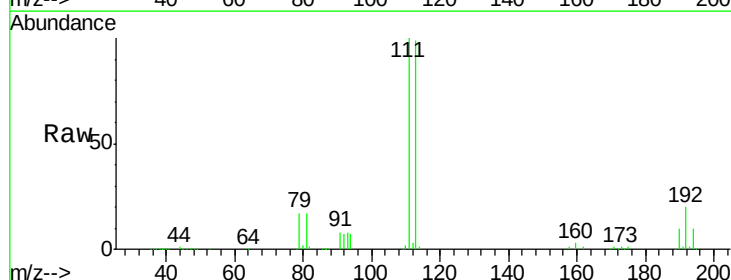
Tgt Ion:113 Resp: 110190

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

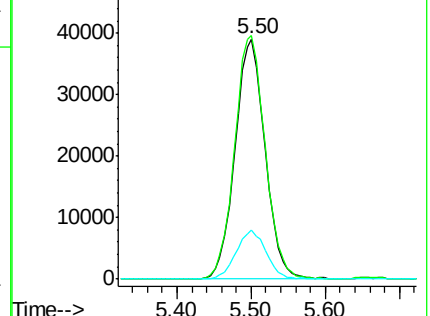
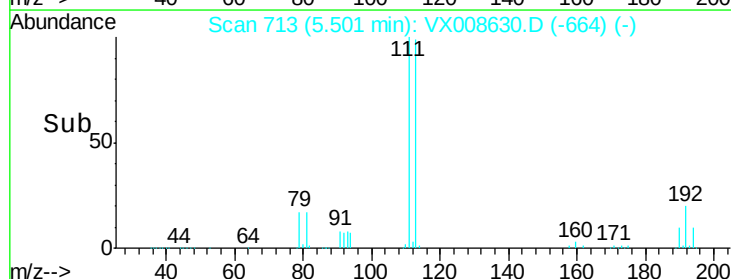
192 20.4 16.1 24.1

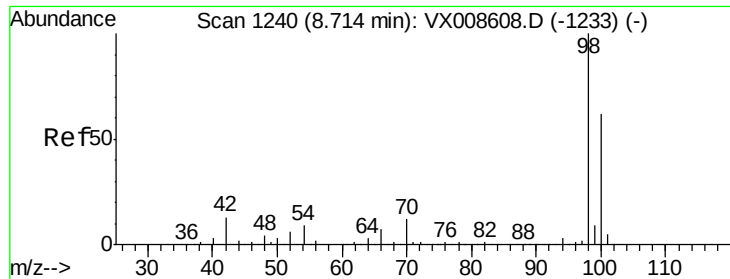


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

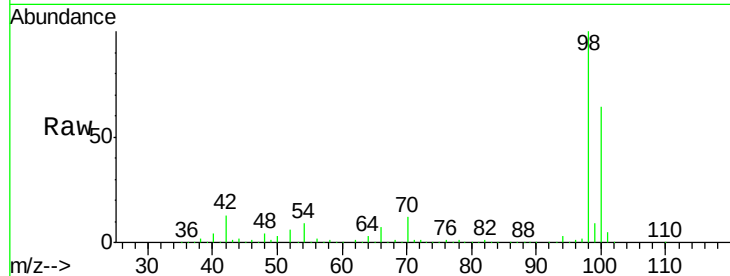




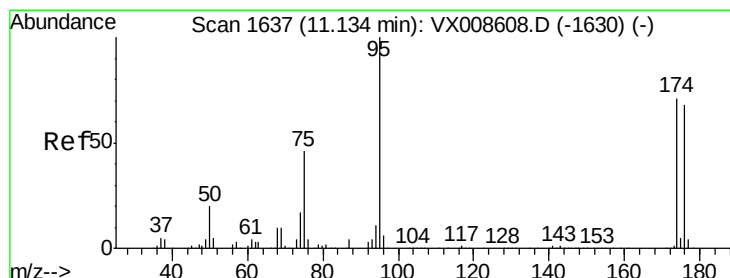
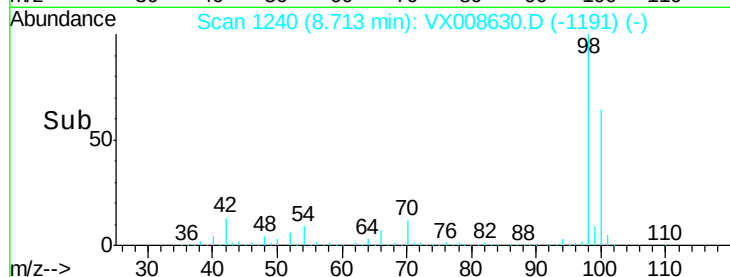
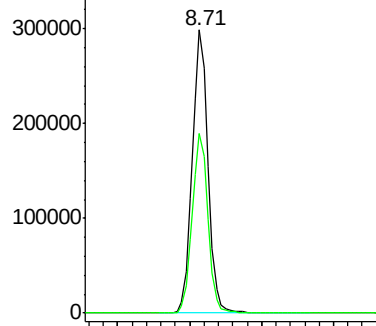
#50
Toluene-d8
Concen: 49.427 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008630.D
Acq: 04 Apr 2019 13:01

Instrument :
MSVOA_X
ClientSampleId :
FB-040219

Tot Ion: 98 Resp: 451850
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

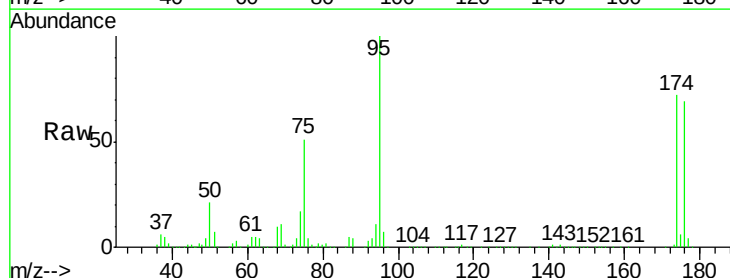


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

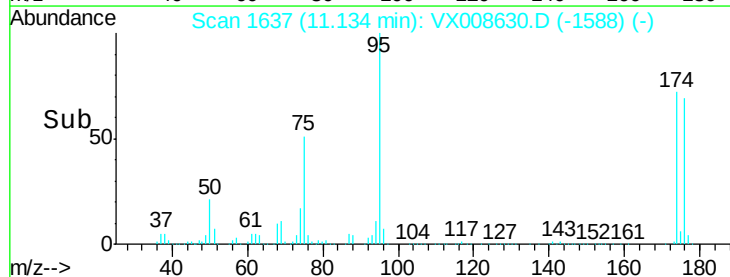
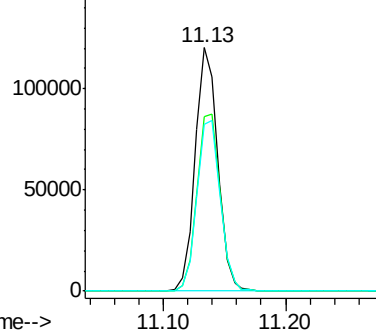


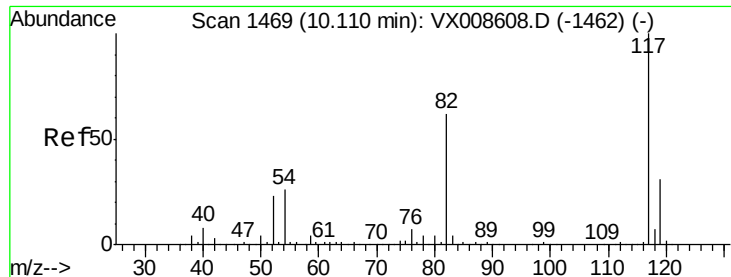
#62
4-Bromofluorobenzene
Concen: 47.169 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008630.D
Acq: 04 Apr 2019 13:01

Tgt Ion: 95 Resp: 152915
Ion Ratio Lower Upper
95 100
174 75.3 0.0 151.8
176 72.5 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008630.D

Acq: 04 Apr 2019 13:01

Instrument :

MSVOA_X

ClientSampled :

FB-040219

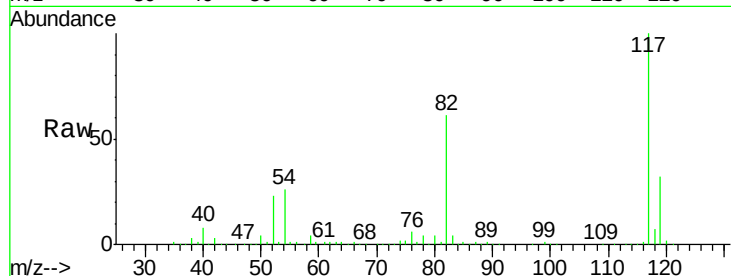
Tot Ion:117 Resp: 312157

Ion Ratio Lower Upper

117 100

82 61.5 49.6 74.4

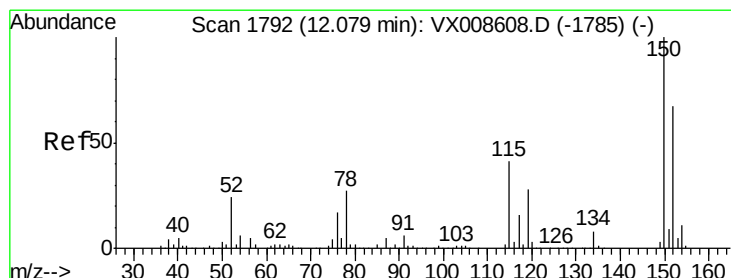
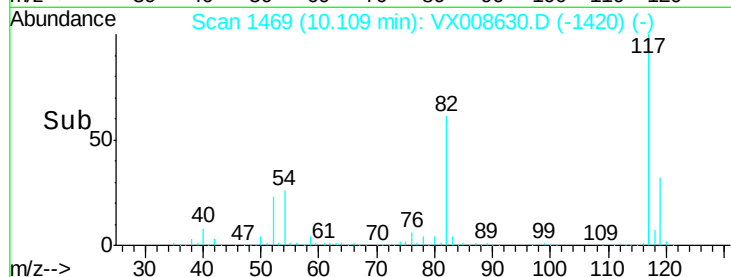
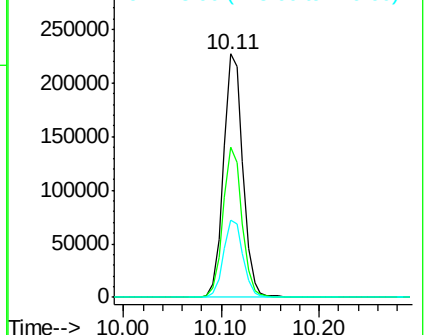
119 31.6 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008630.D

Acq: 04 Apr 2019 13:01

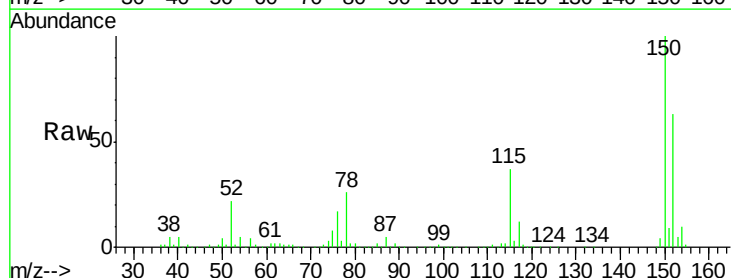
Tgt Ion:152 Resp: 127315

Ion Ratio Lower Upper

152 100

115 61.0 43.5 130.5

150 157.5 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

