

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008598.D
 Acq On : 02 Apr 2019 18:15
 Operator : JC/SP
 Sample : K2210-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 03 04:25:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	210923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125698	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	146309	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	
35) Dibromofluoromethane	5.49	113	107360	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	8.71	98	437761	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.13	95	148746	43.91	ug/l	0.00
Spiked Amount			Recovery	=	87.82%	

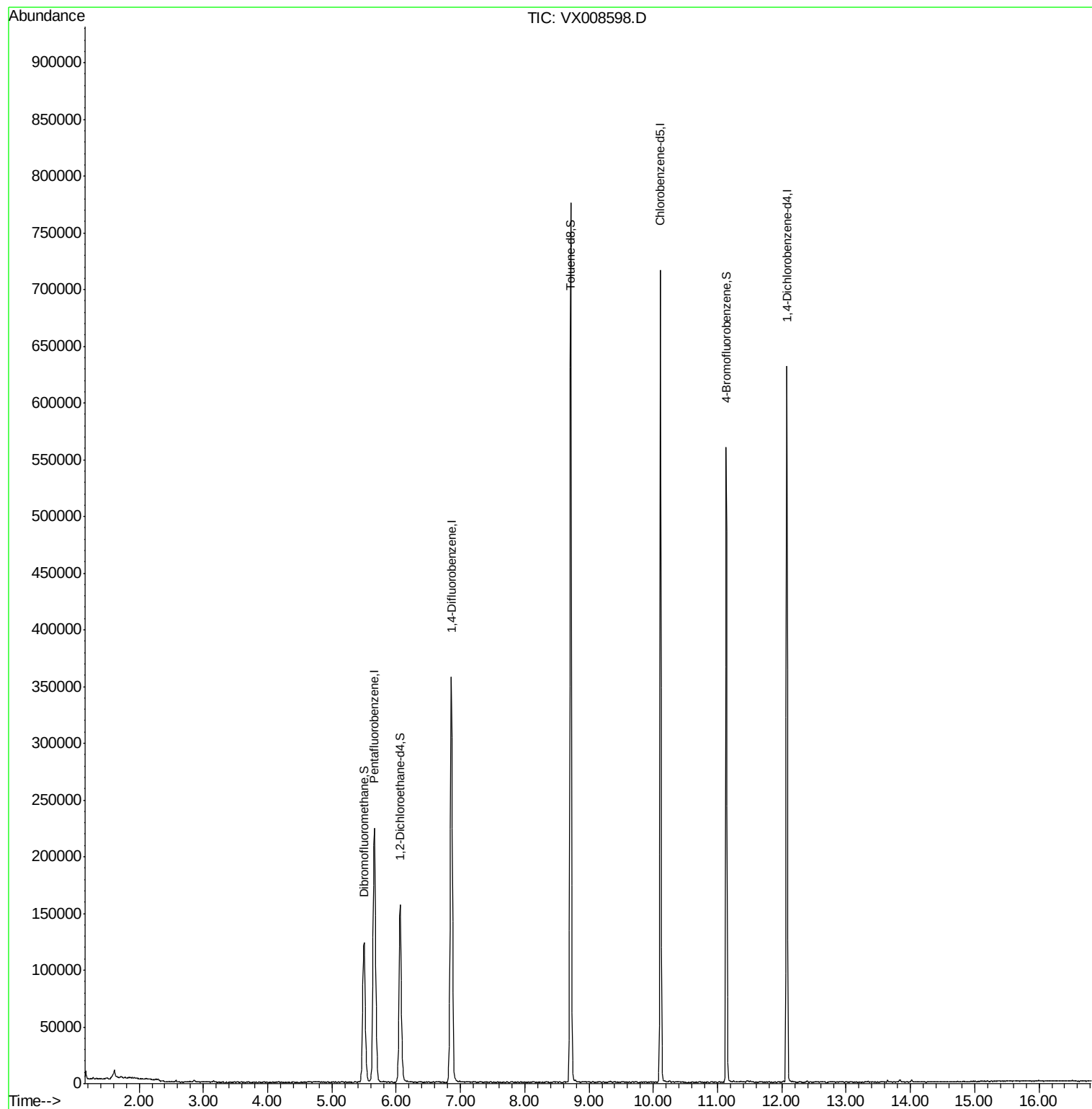
Target Compounds	Qvalue
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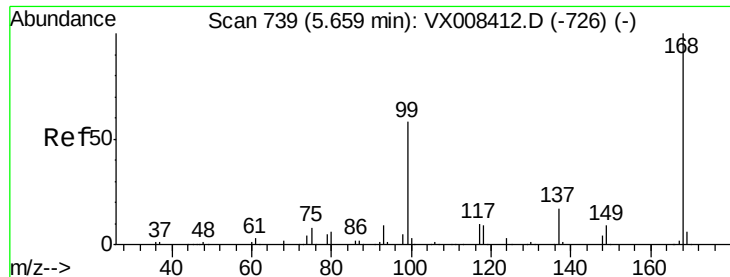
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 07:57:20 2019
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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: VX008598.D

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Instrument :

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ClientSampleId :

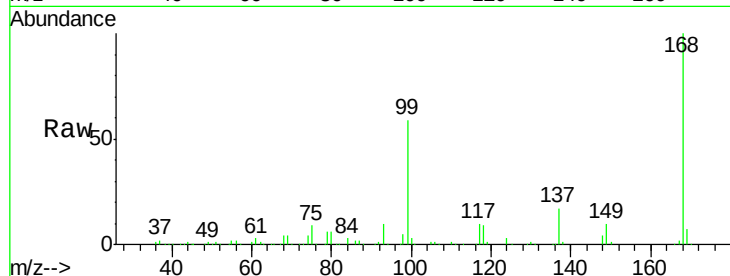
TRIP-BLANK

Tot Ion:168 Resp: 210923

Ion Ratio Lower Upper

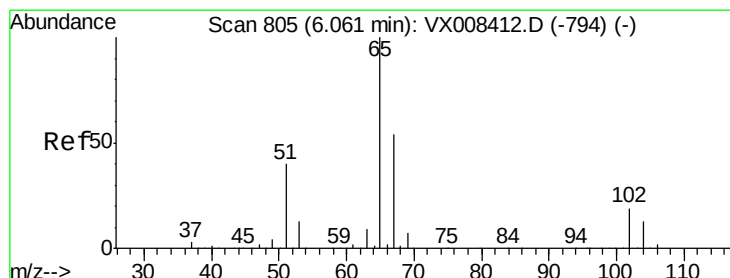
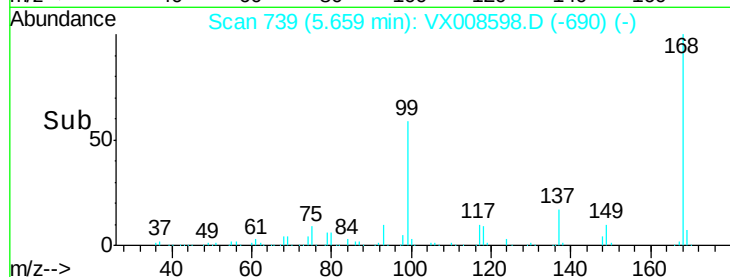
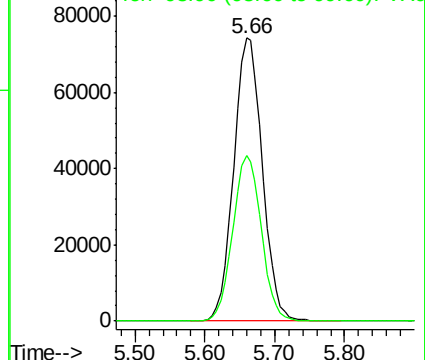
168 100

99 58.7 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.755 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008598.D

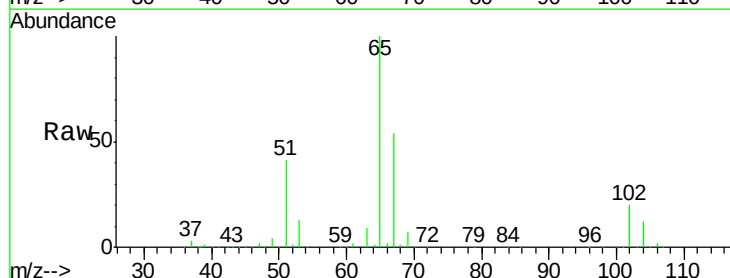
Acq: 02 Apr 2019 18:15

Tgt Ion: 65 Resp: 146309

Ion Ratio Lower Upper

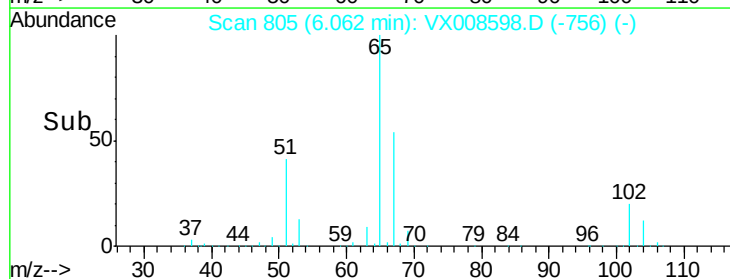
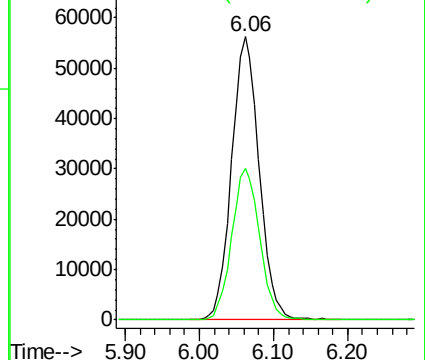
65 100

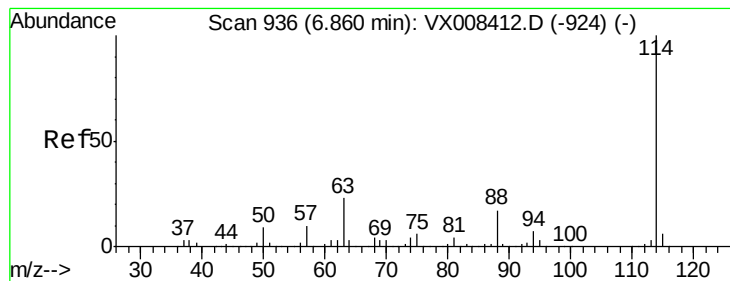
67 54.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008598.D

Acq: 02 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

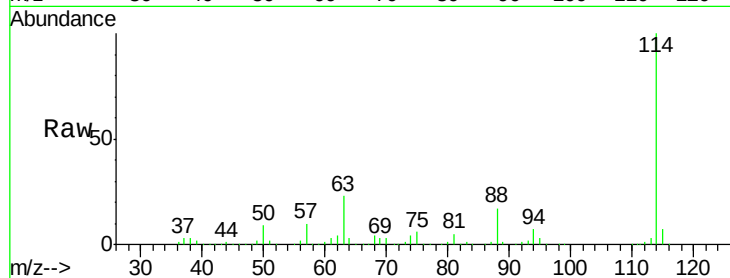
Tot Ion:114 Resp: 350611

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

88 16.6 0.0 33.2



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

6.86

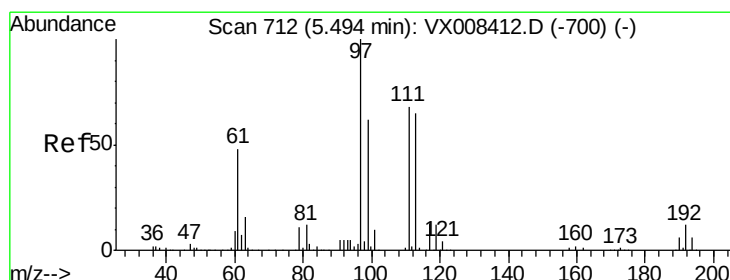
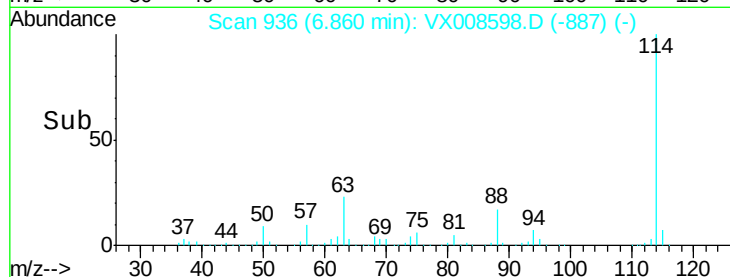
150000

100000

50000

0

Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 46.961 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008598.D

Acq: 02 Apr 2019 18:15

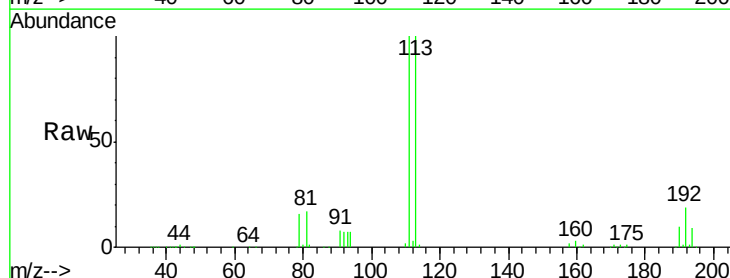
Tgt Ion:113 Resp: 107360

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

192 19.9 15.6 23.4



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

5.49

50000

40000

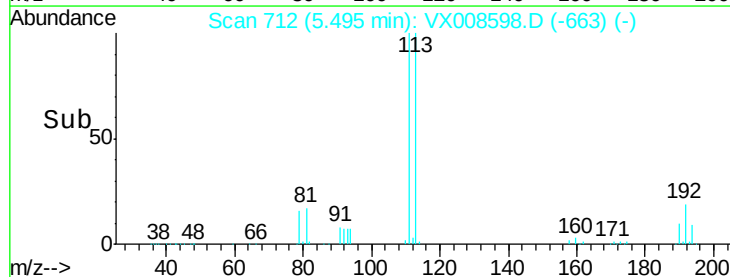
30000

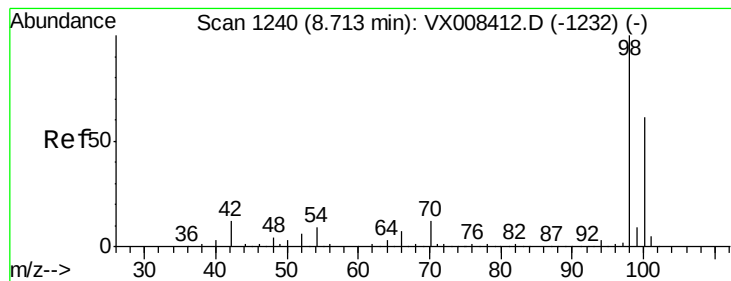
20000

10000

0

Time--> 5.40 5.50 5.60





#50

Toluene-d8

Concen: 47.888 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008598.D

Acq: 02 Apr 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

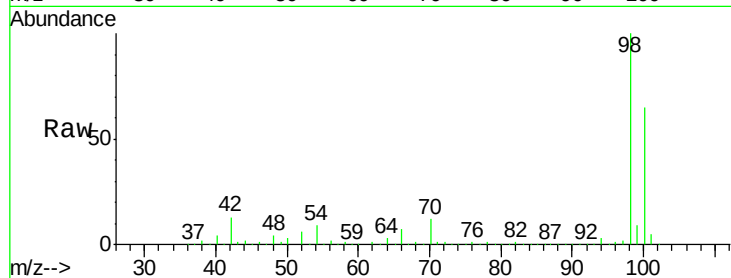
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Tot Ion: 98 Resp: 437761

Ion Ratio Lower Upper

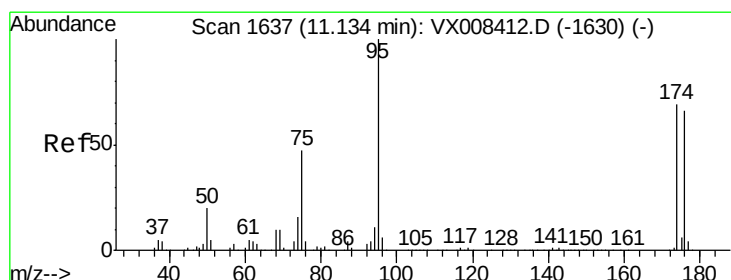
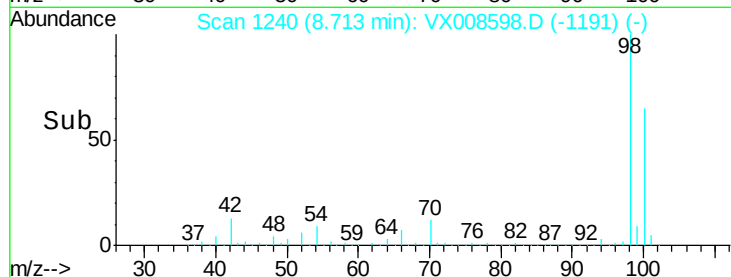
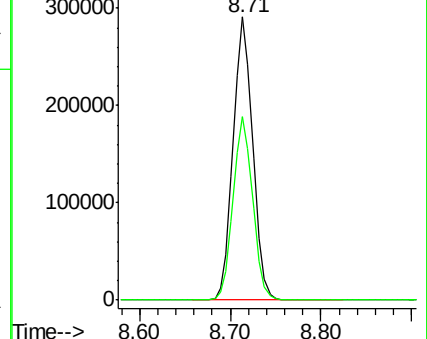
98 100

100 64.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.911 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008598.D

Acq: 02 Apr 2019 18:15

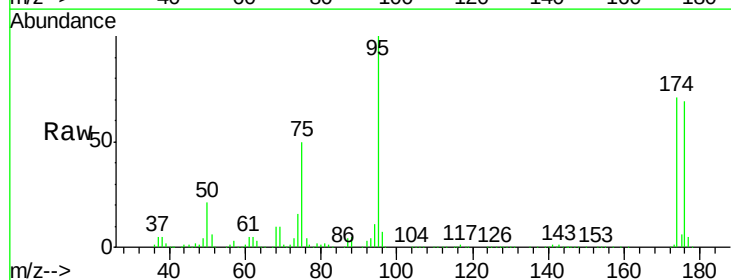
Tgt Ion: 95 Resp: 148746

Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.2

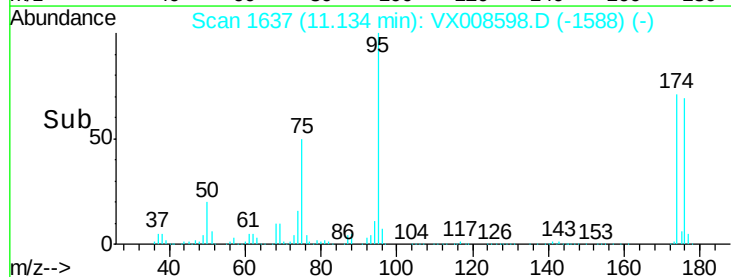
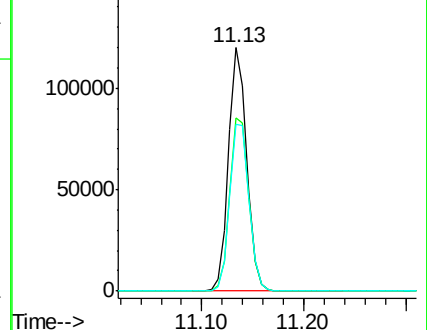
176 72.6 0.0 142.4

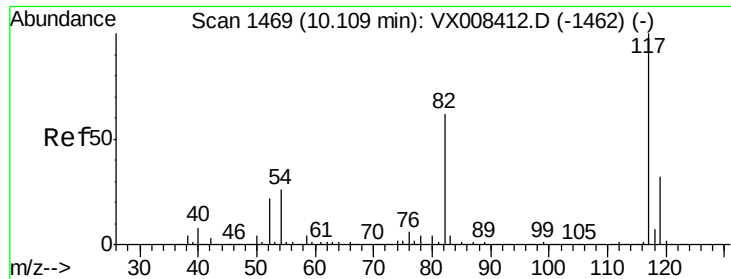


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

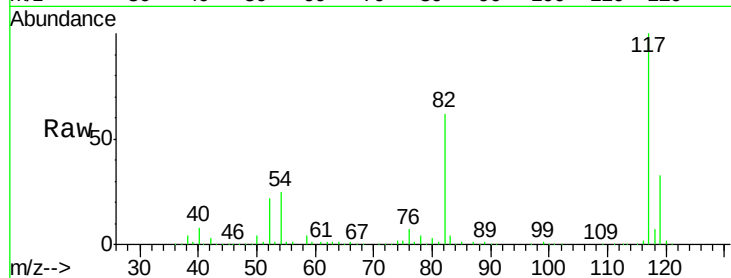




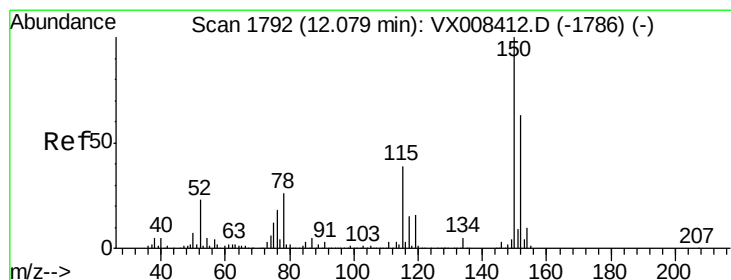
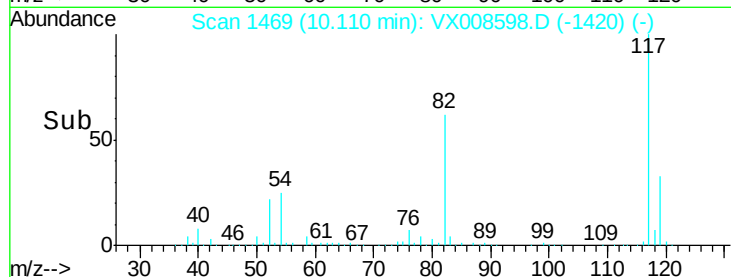
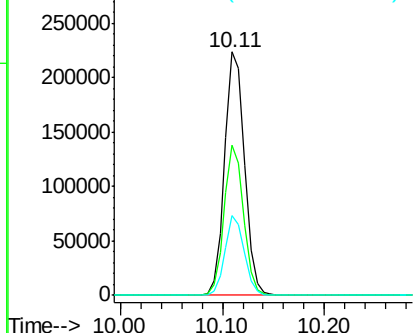
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008598.D
Acq: 02 Apr 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 302479
Ion Ratio Lower Upper
117 100
82 61.9 49.4 74.2
119 32.6 25.4 38.0

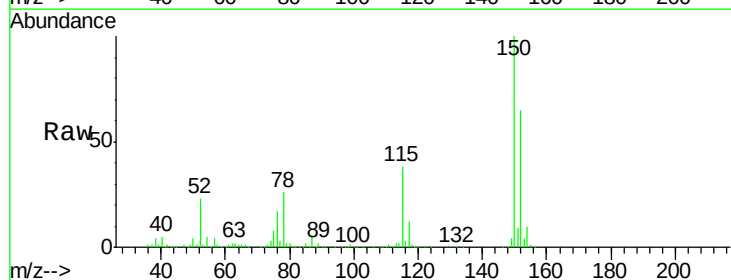


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008598.D
Acq: 02 Apr 2019 18:15

Tgt Ion:152 Resp: 125698
Ion Ratio Lower Upper
152 100
115 60.5 43.5 130.5
150 156.4 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

