

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008972.D
 Acq On : 15 Apr 2019 19:52
 Operator : JC/SP
 Sample : K2424-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN001

Quant Time: Apr 16 04:58:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

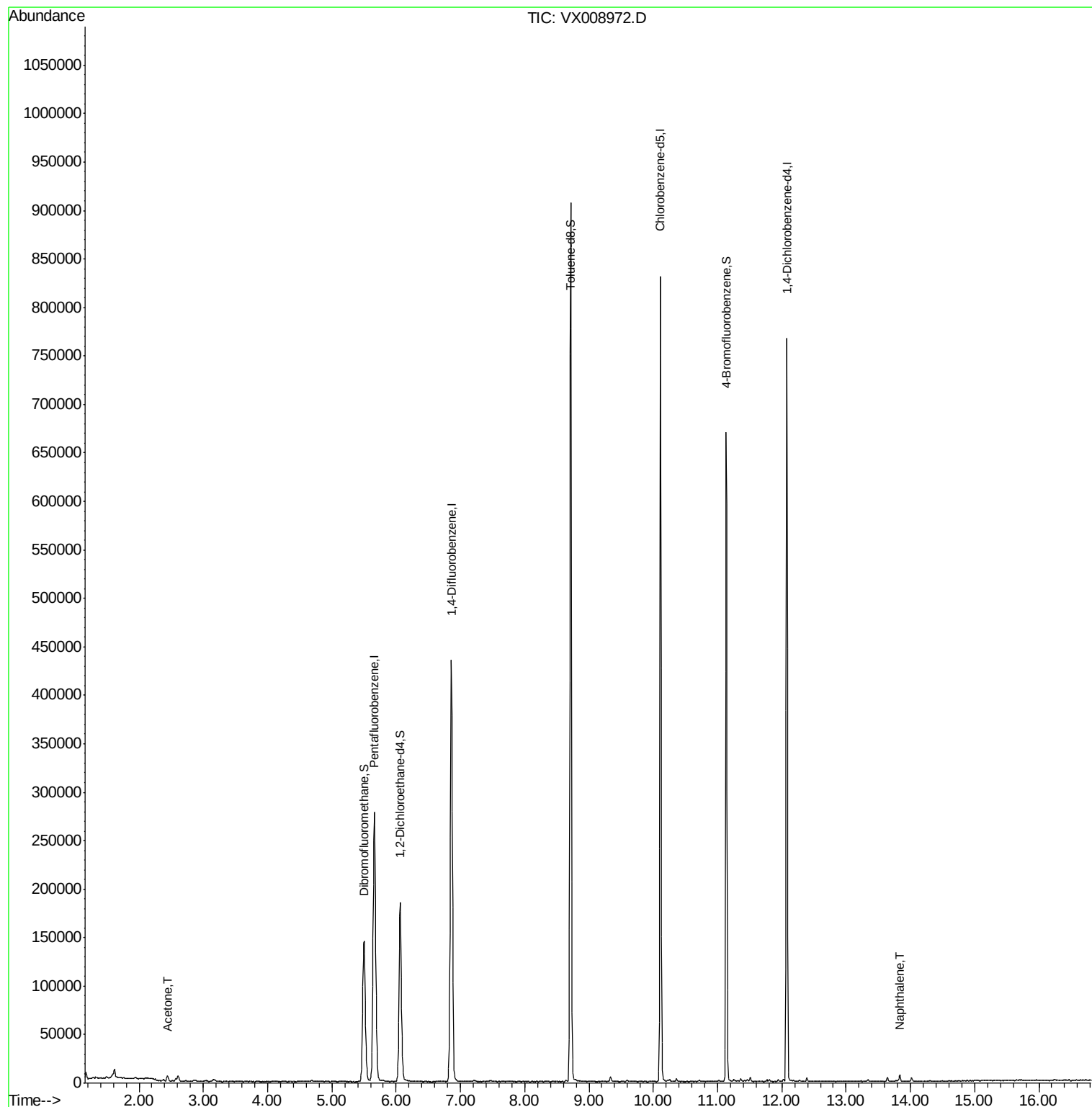
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	265937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	425526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	363662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	172108	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
35) Dibromofluoromethane	5.50	113	126552	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	8.71	98	526607	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	174621	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
Target Compounds						
16) Acetone	2.44	43	6966	3.584	ug/l	94
95) Naphthalene	13.83	128	3831	0.326	ug/l #	94

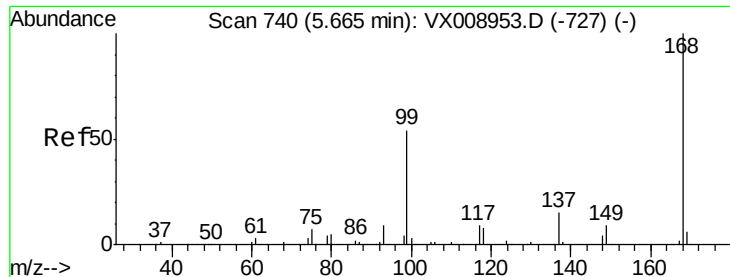
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008972.D

Acq: 15 Apr 2019 19:52

Instrument :

MSVOA_X

ClientSampled :

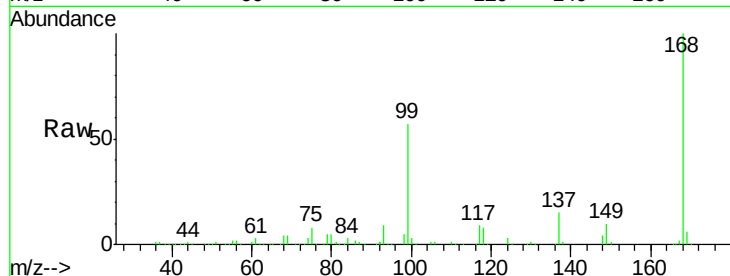
DSN001

Tot Ion:168 Resp: 265937

Ion Ratio Lower Upper

168 100

99 57.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

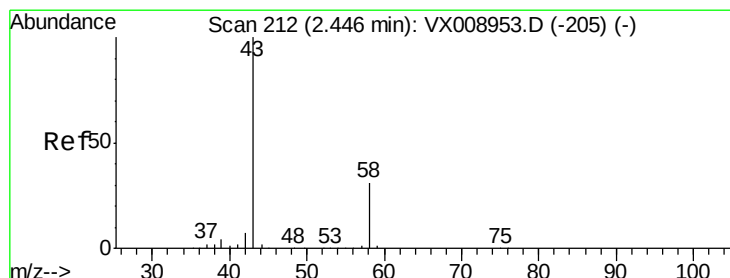
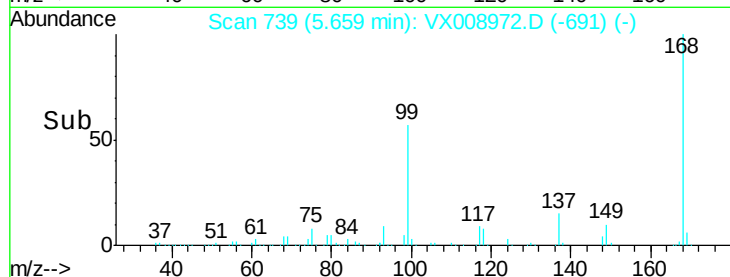
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.584 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008972.D

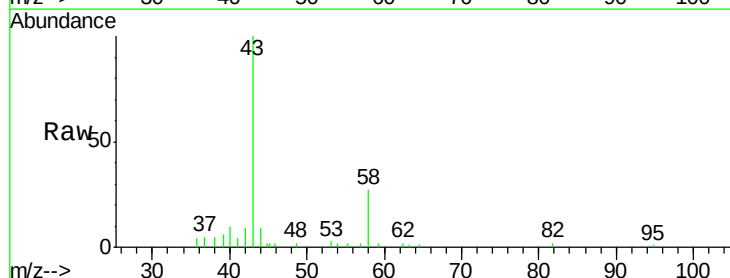
Acq: 15 Apr 2019 19:52

Tgt Ion: 43 Resp: 6966

Ion Ratio Lower Upper

43 100

58 27.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

3000

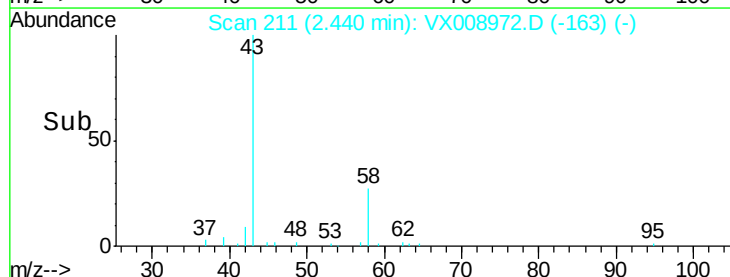
2000

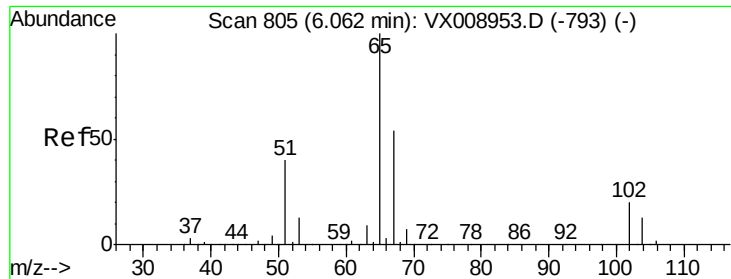
1000

0

Time-->

2.35 2.40 2.45 2.50 2.55

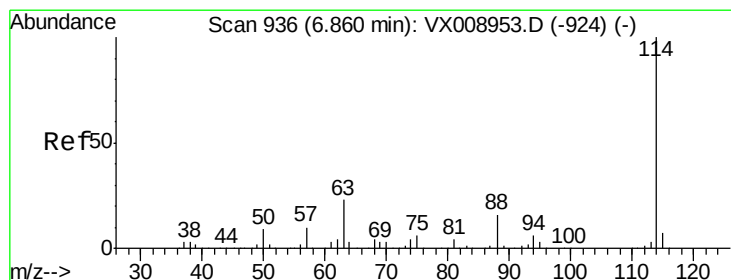
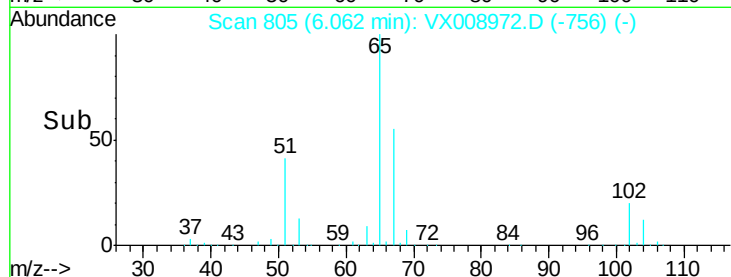
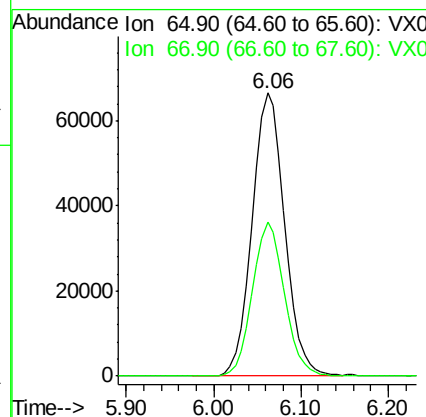
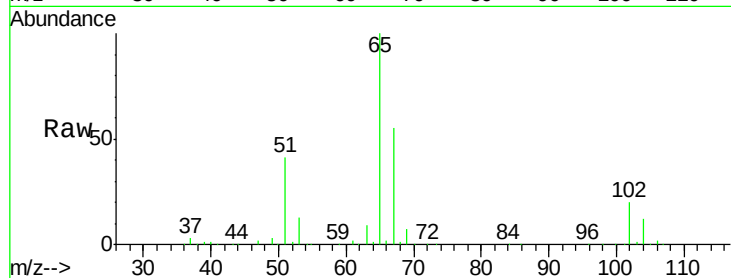




#33
 1,2-Dichloroethane-d4
 Concen: 45.922 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008972.D
 Acq: 15 Apr 2019 19:52

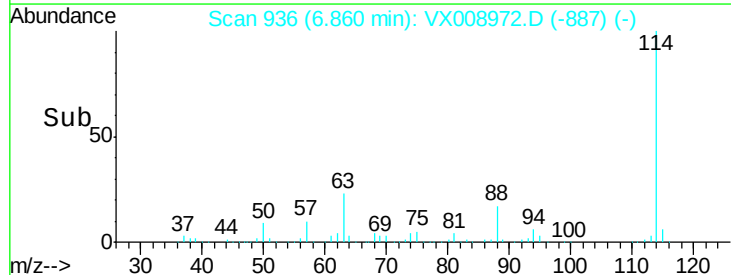
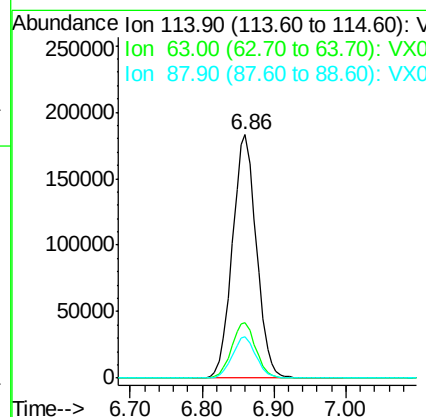
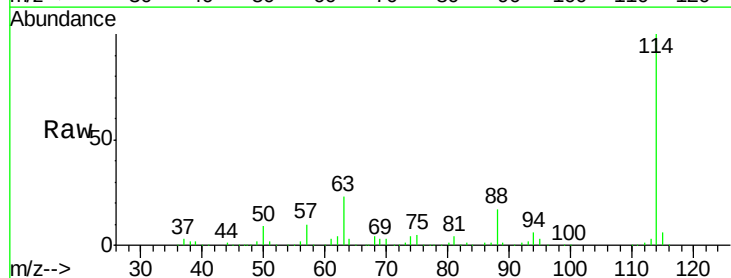
Instrument :
 MSVOA_X
 ClientSampled :
 DSN001

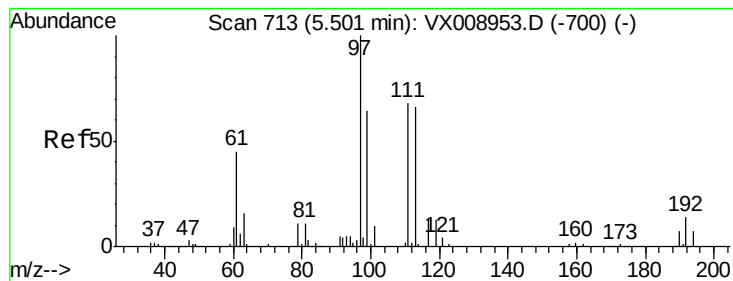
Tot Ion: 65 Resp: 172108
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008972.D
 Acq: 15 Apr 2019 19:52

Tgt Ion: 114 Resp: 425526
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.0
 88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.340 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008972.D

Acq: 15 Apr 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

DSN001

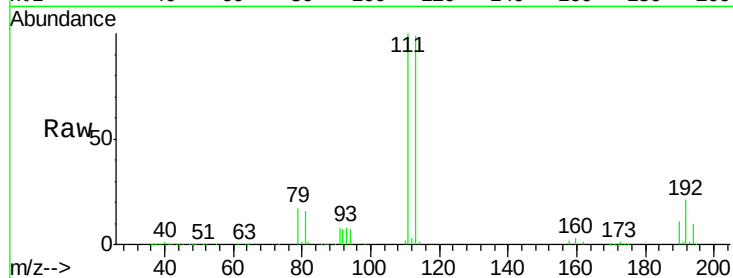
Tot Ion:113 Resp: 126552

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

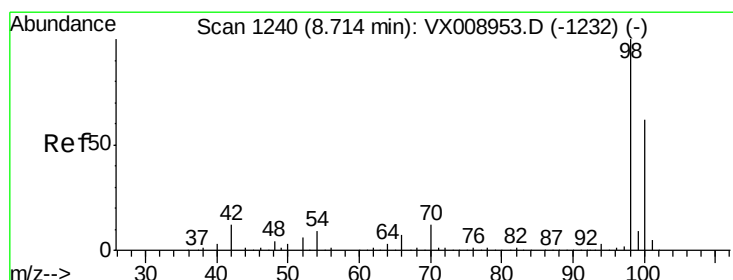
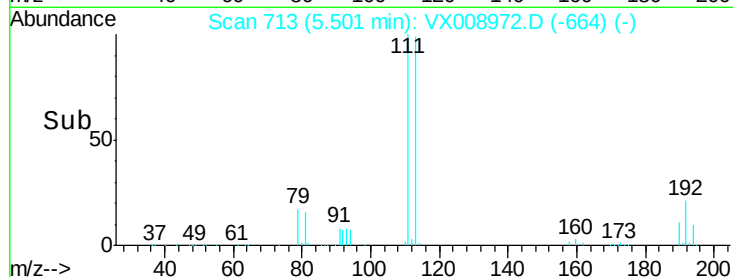
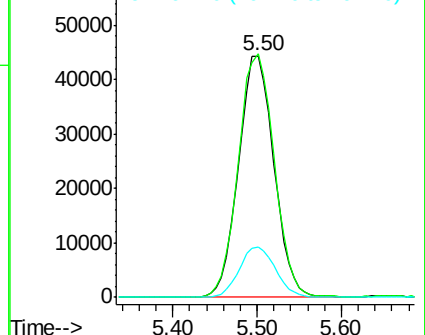
192 21.3 17.4 26.0



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: 48.352 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008972.D

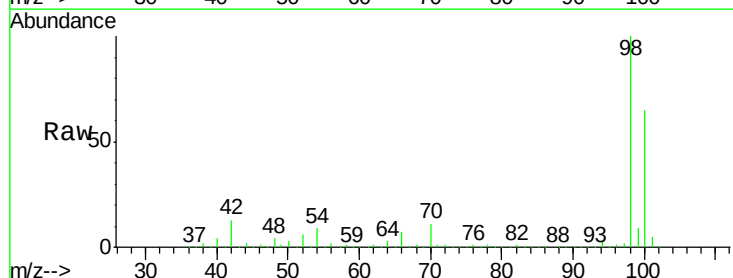
Acq: 15 Apr 2019 19:52

Tgt Ion: 98 Resp: 526607

Ion Ratio Lower Upper

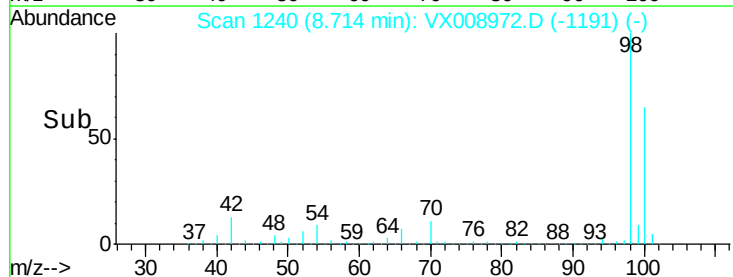
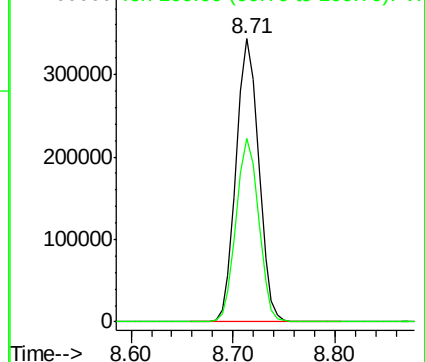
98 100

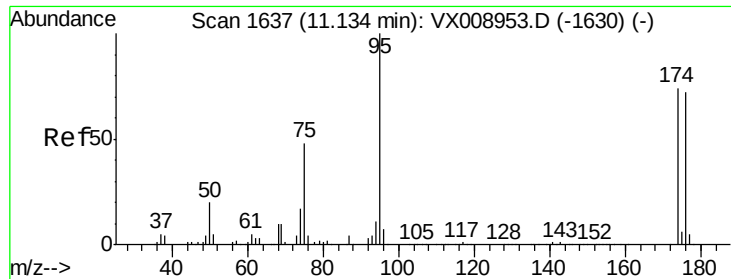
100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.420 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008972.D

Acq: 15 Apr 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

DSN001

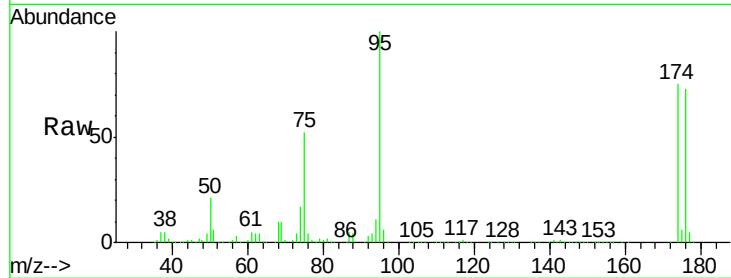
Tot Ion: 95 Resp: 174621

Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.6

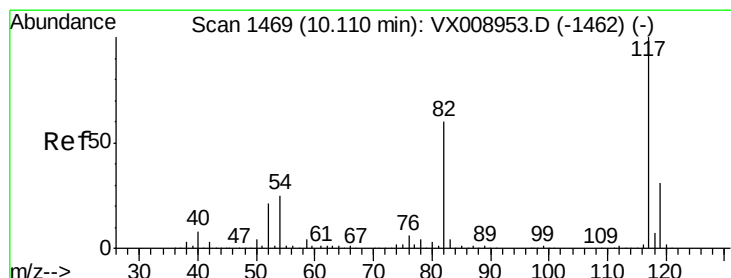
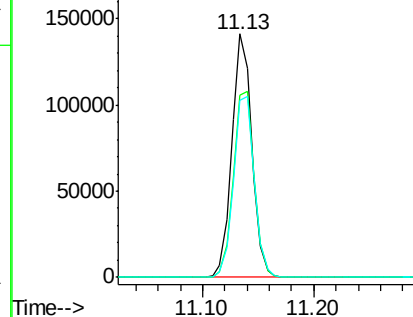
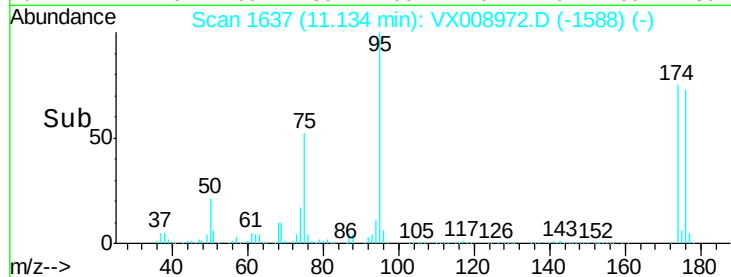
176 77.4 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008972.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008972.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008972.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008972.D

Acq: 15 Apr 2019 19:52

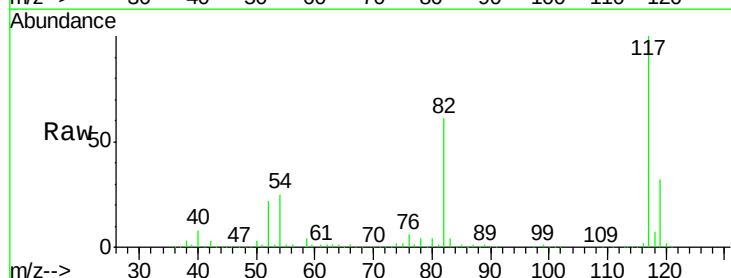
Tgt Ion: 117 Resp: 363662

Ion Ratio Lower Upper

117 100

82 60.8 48.2 72.4

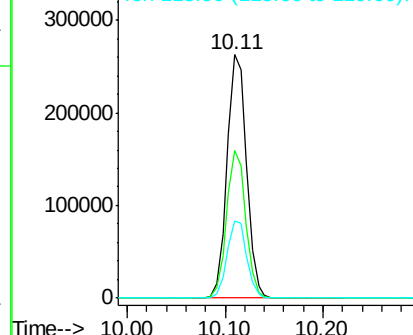
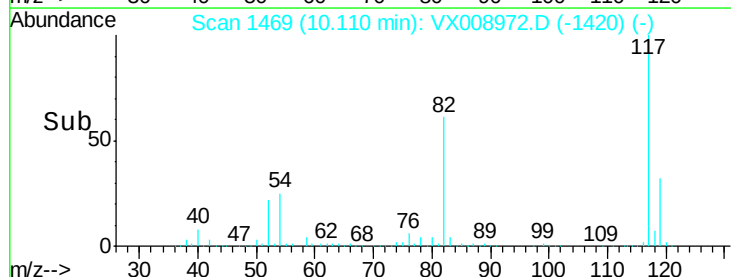
119 32.0 25.0 37.6

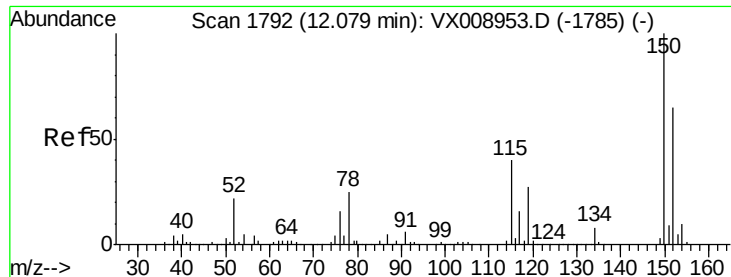


Abundance Ion 116.90 (116.60 to 117.60): VX008972.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008972.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008972.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008972.D

Acq: 15 Apr 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

DSN001

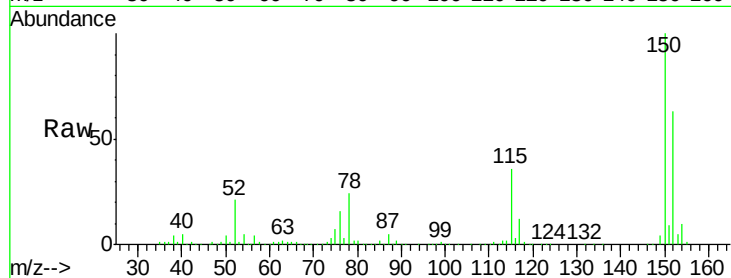
Tot Ion:152 Resp: 153851

Ion Ratio Lower Upper

152 100

115 59.6 41.4 124.2

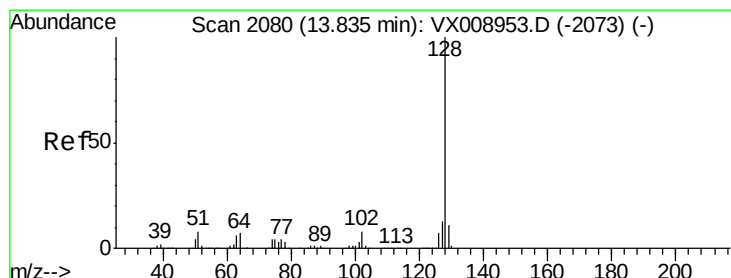
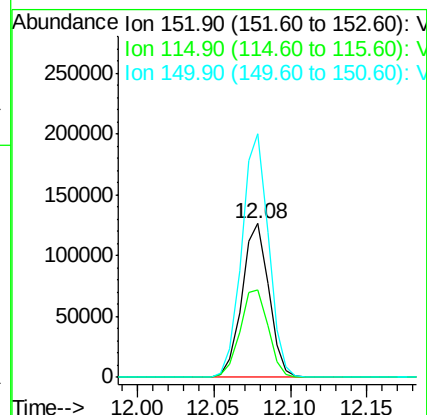
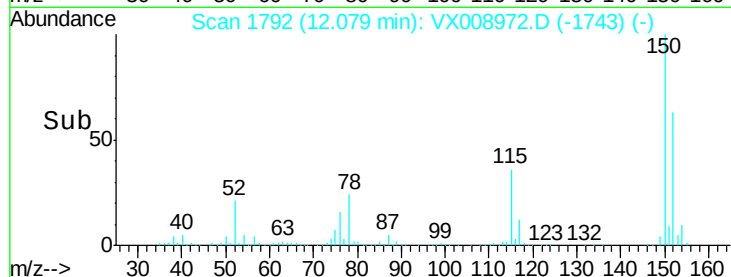
150 158.5 0.0 349.8



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



#95

Naphthalene

Concen: 0.326 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008972.D

Acq: 15 Apr 2019 19:52

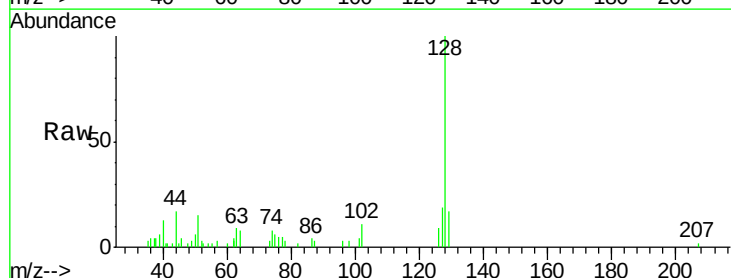
Tgt Ion:128 Resp: 3831

Ion Ratio Lower Upper

128 100

127 14.9 10.6 16.0

129 14.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

