

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009682.D
 Acq On : 17 May 2019 23:14
 Operator : JC/SP
 Sample : K2887-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW726-190515

Quant Time: May 18 06:36:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

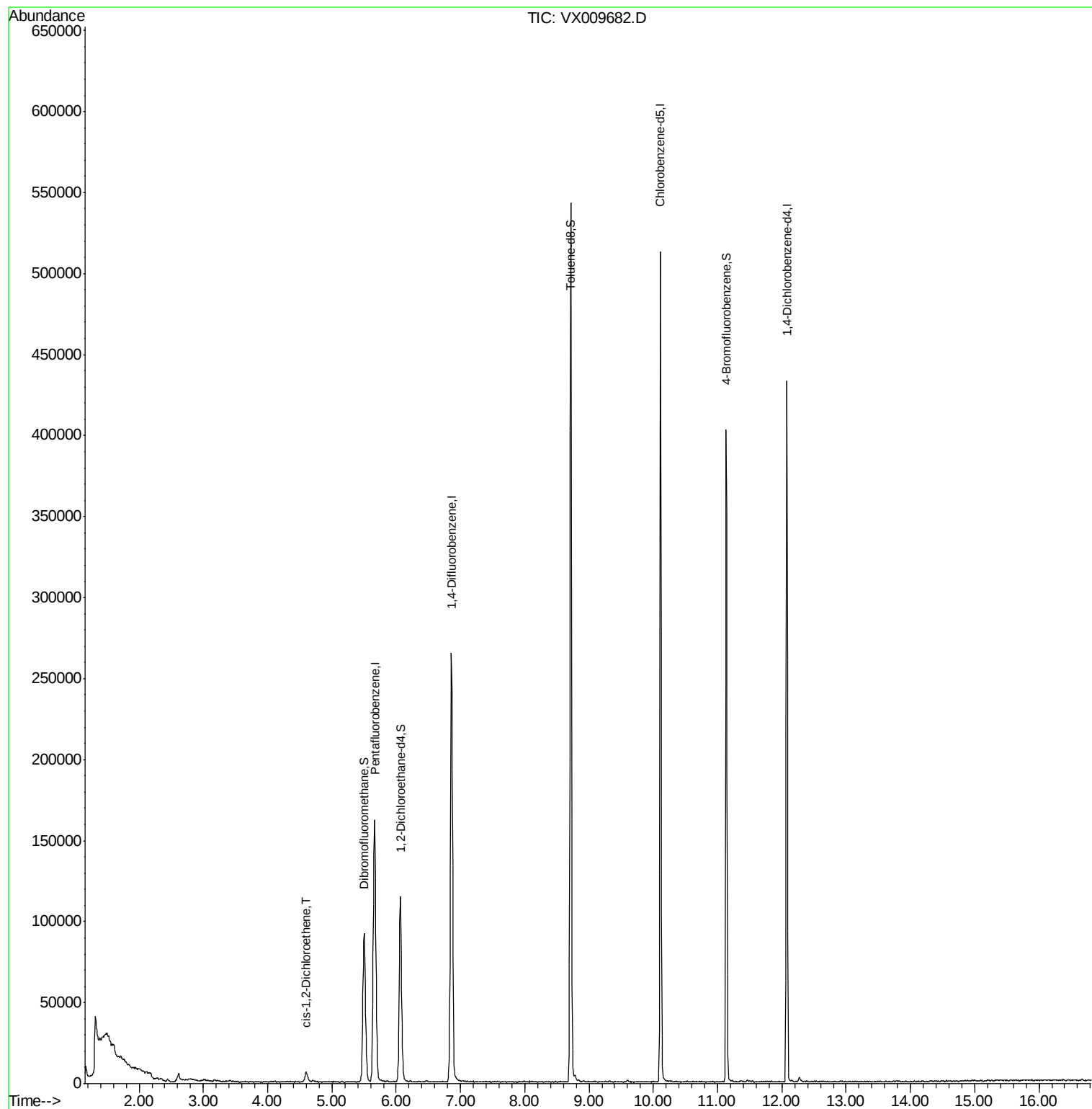
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	159339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	107581	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	5.50	113	78847	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	319956	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	101746	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	3630	1.876	ug/l	Qvalue 90

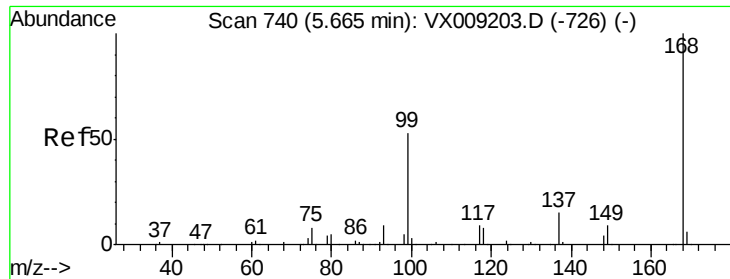
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009682.D

Acq: 17 May 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

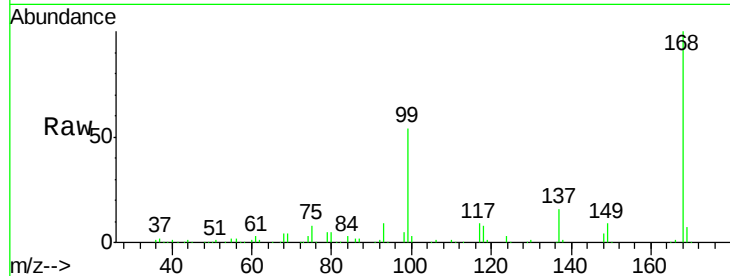
SS052MW726-190515

Tot Ion:168 Resp: 159339

Ion Ratio Lower Upper

168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

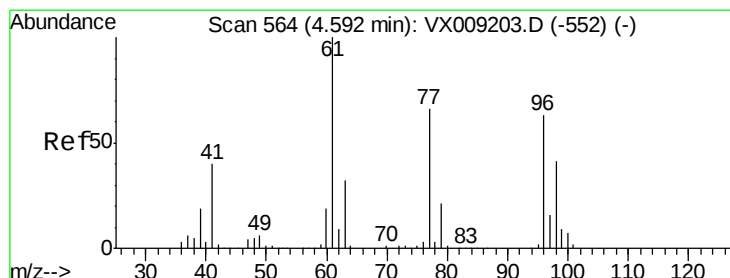
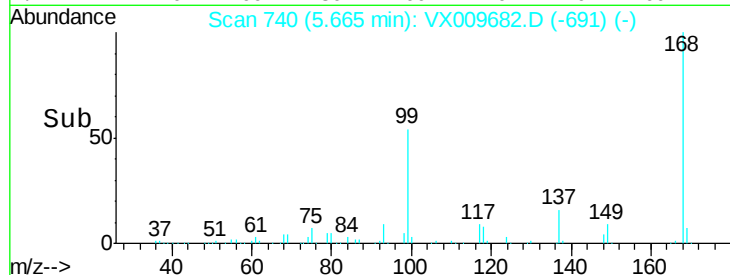
30000

20000

10000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.876 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009682.D

Acq: 17 May 2019 23:14

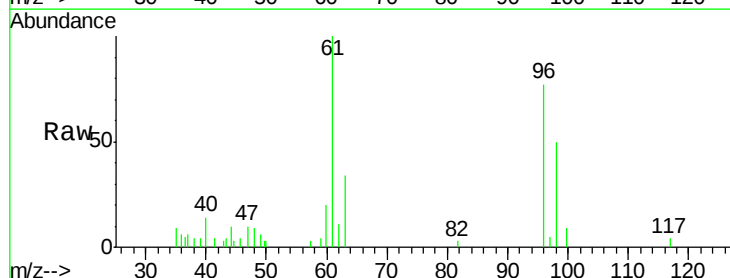
Tgt Ion: 96 Resp: 3630

Ion Ratio Lower Upper

96 100

61 146.2 0.0 324.0

98 68.5 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2000

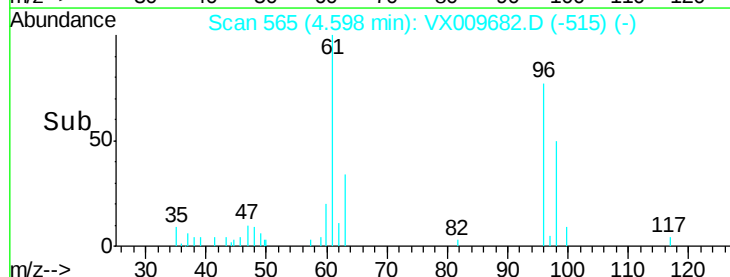
1500

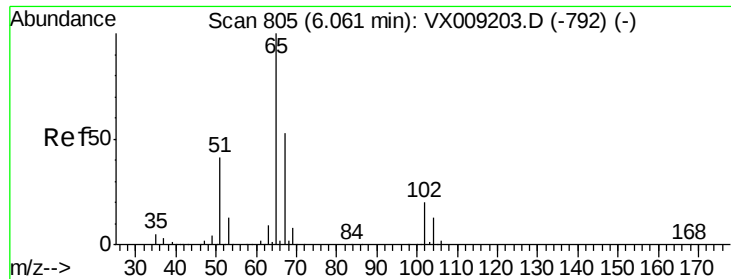
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.459 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009682.D

Acq: 17 May 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

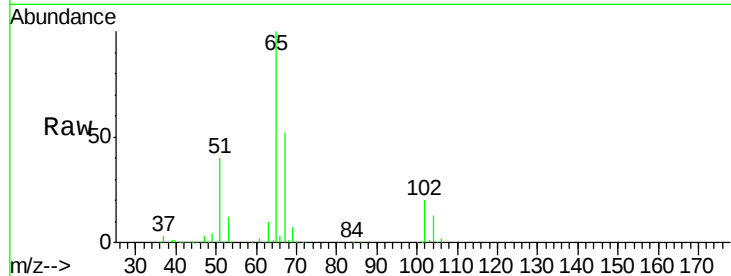
SS052MW726-190515

Tot Ion: 65 Resp: 107581

Ion Ratio Lower Upper

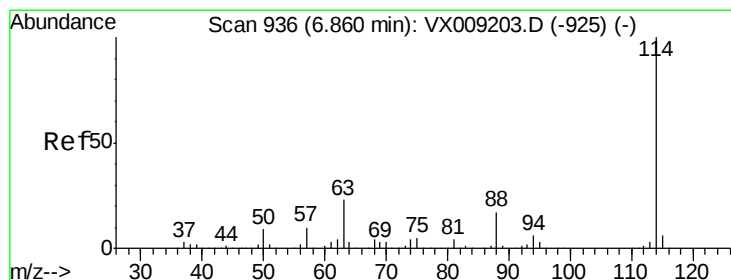
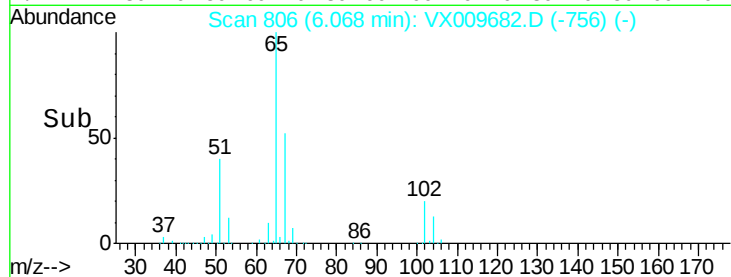
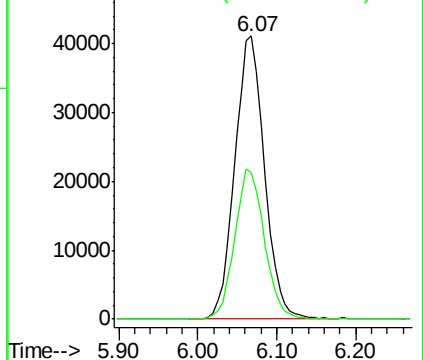
65 100

67 52.9 0.0 106.6



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: VX009682.D

Acq: 17 May 2019 23:14

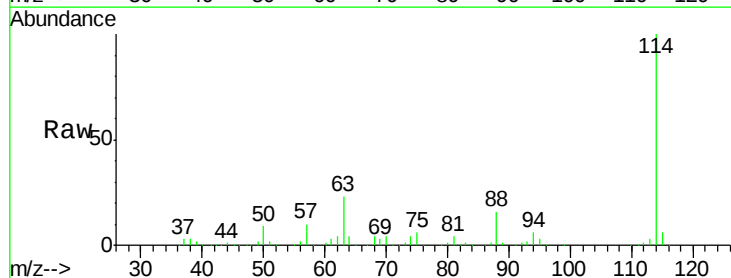
Tgt Ion: 114 Resp: 255201

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

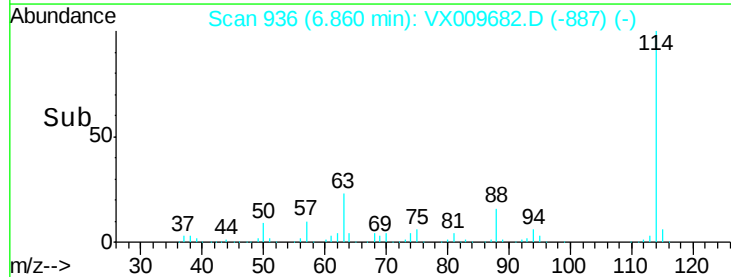
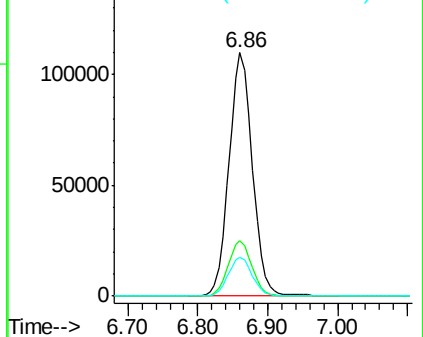
88 16.0 0.0 33.2

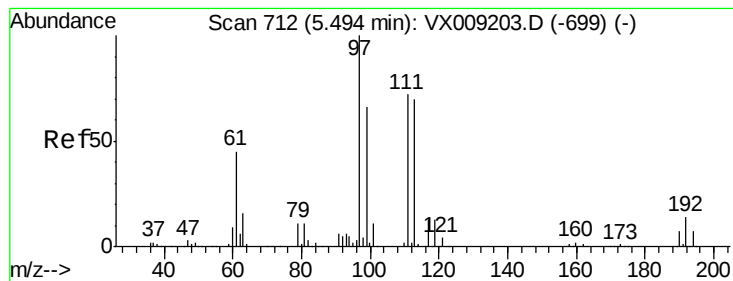


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.147 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009682.D

Acq: 17 May 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

SS052MW726-190515

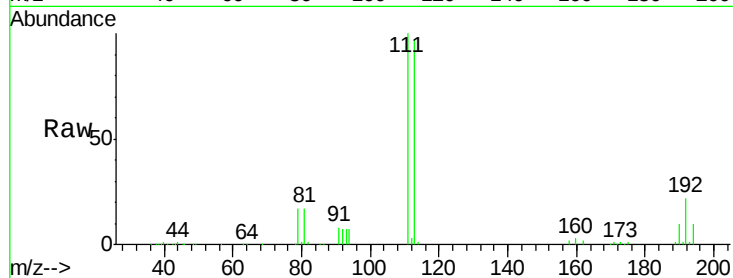
Tot Ion:113 Resp: 78847

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

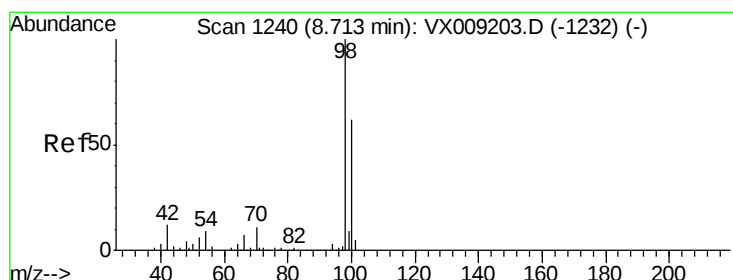
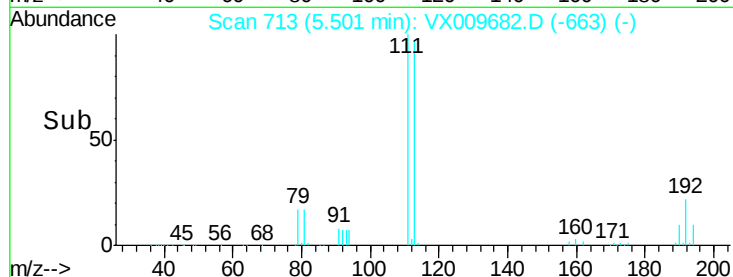
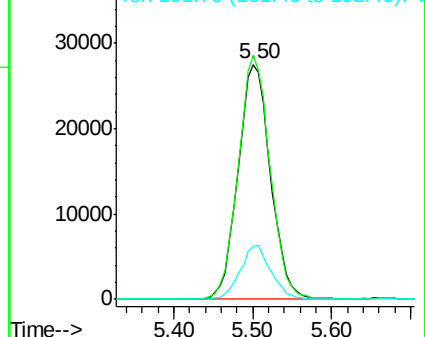
192 21.8 17.0 25.6



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: 49.399 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009682.D

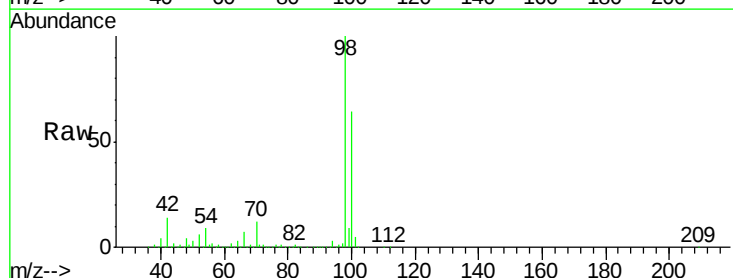
Acq: 17 May 2019 23:14

Tgt Ion: 98 Resp: 319956

Ion Ratio Lower Upper

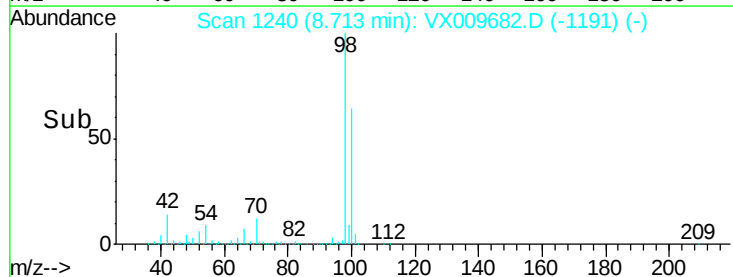
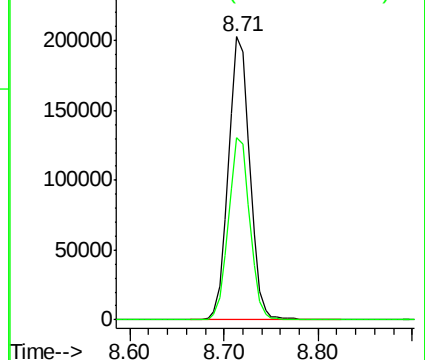
98 100

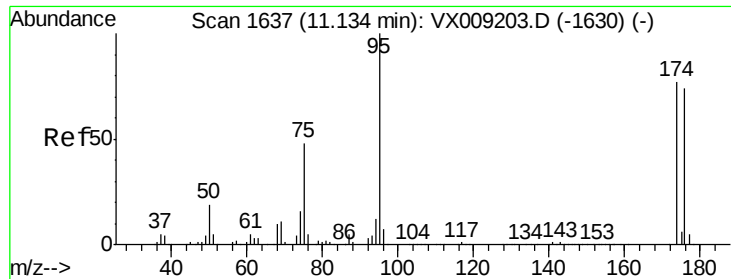
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.232 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009682.D

Acq: 17 May 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

SS052MW726-190515

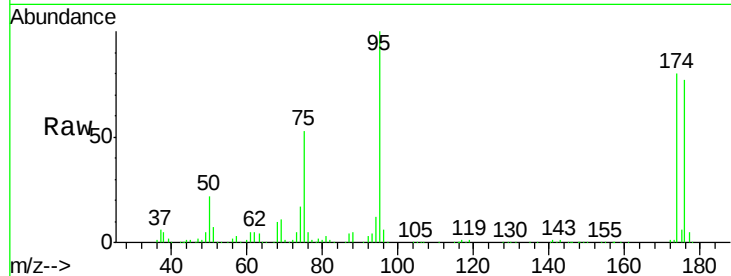
Tot Ion: 95 Resp: 101746

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

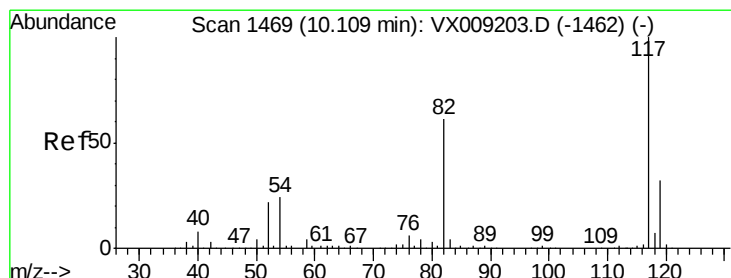
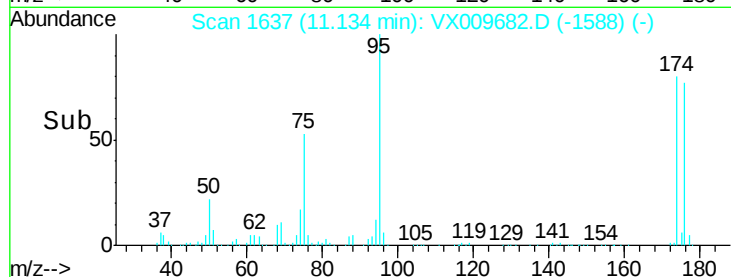
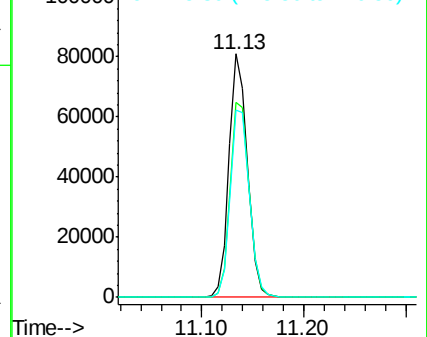
176 79.9 0.0 159.2



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: VX009682.D

Acq: 17 May 2019 23:14

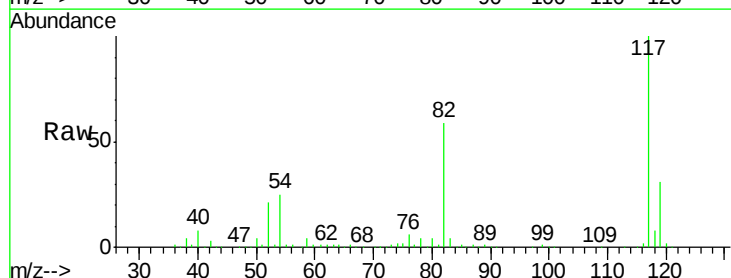
Tgt Ion: 117 Resp: 222017

Ion Ratio Lower Upper

117 100

82 59.4 48.8 73.2

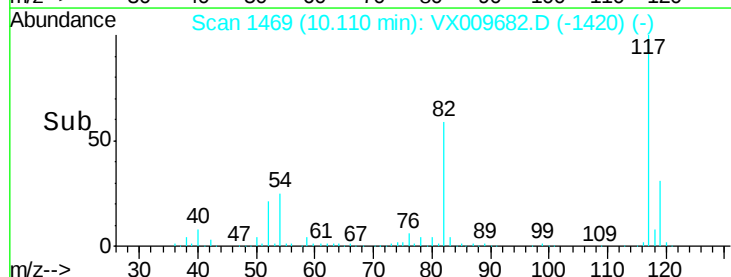
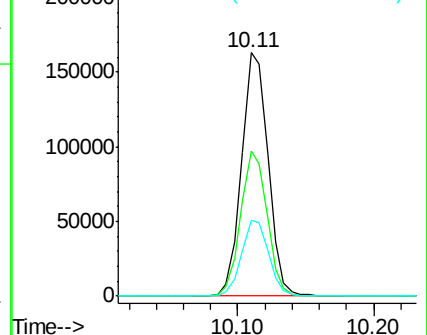
119 31.3 25.8 38.6

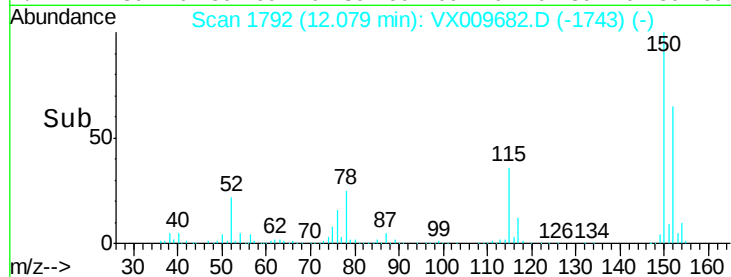
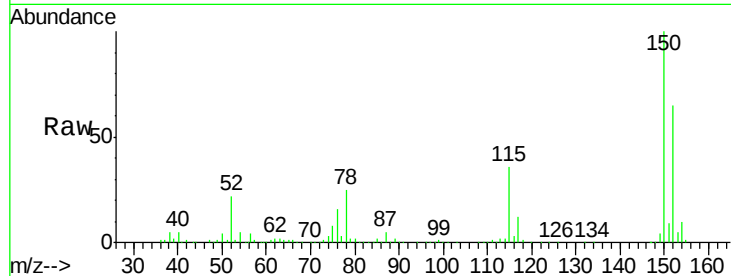
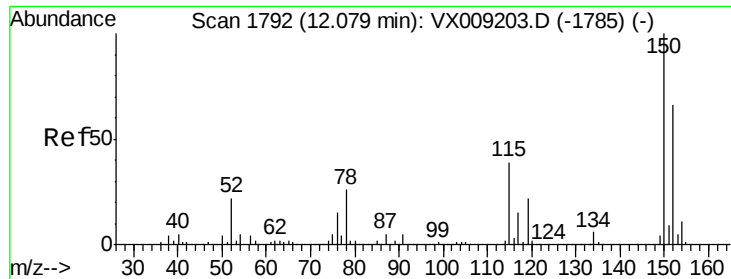


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX009682.D

Acq: 17 May 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

SS052MW726-190515

Tot Ion:152 Resp: 88637

Ion Ratio Lower Upper

152 100

115 58.4 41.2 123.6

150 155.8 0.0 346.4

