

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009457.D
 Acq On : 10 May 2019 03:26
 Operator : JC/SP
 Sample : K2782-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW126-190508

Quant Time: May 10 08:45:06 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

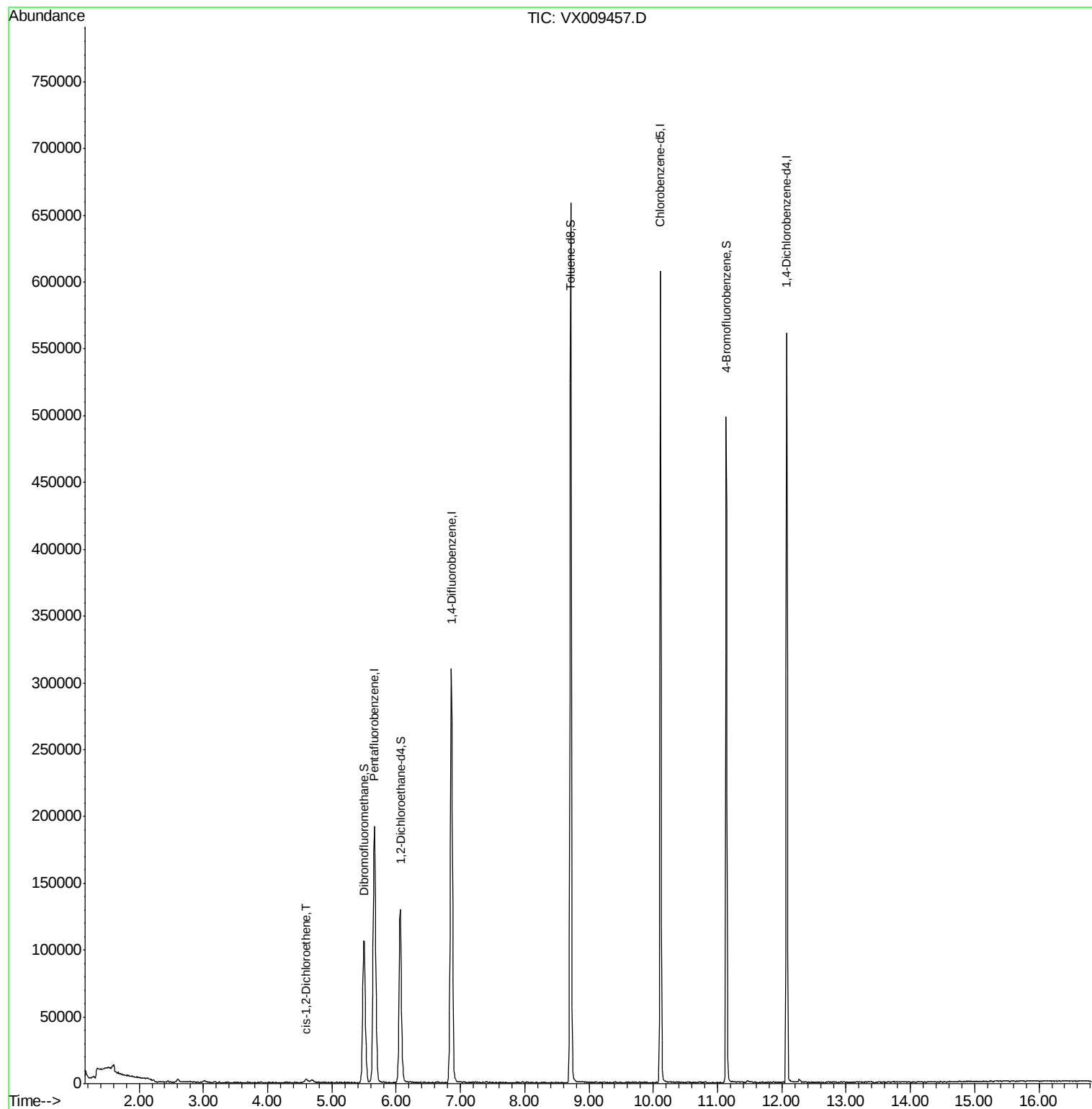
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124350	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	5.49	113	93102	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	382442	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	127647	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	1501	0.658	ug/l	Qvalue 94

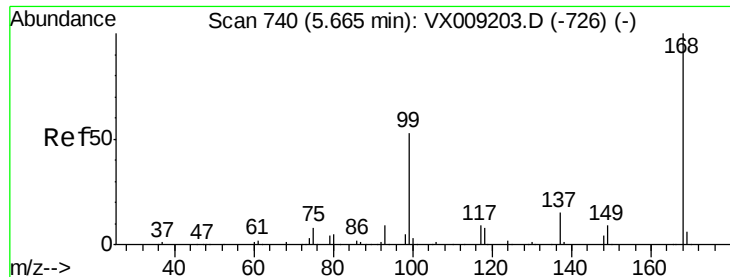
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009457.D

Acq: 10 May 2019 03:26

Instrument :

MSVOA_X

ClientSampleId :

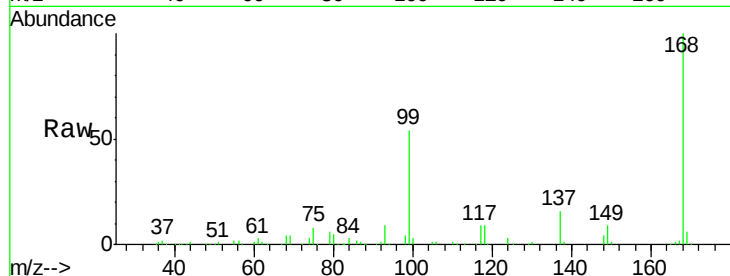
SS052MW126-190508

Tot Ion:168 Resp: 187763

Ion Ratio Lower Upper

168 100

99 54.5 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

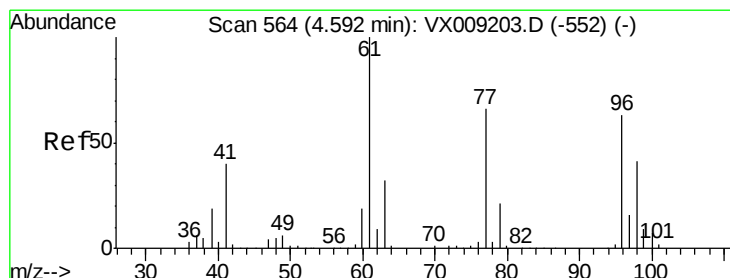
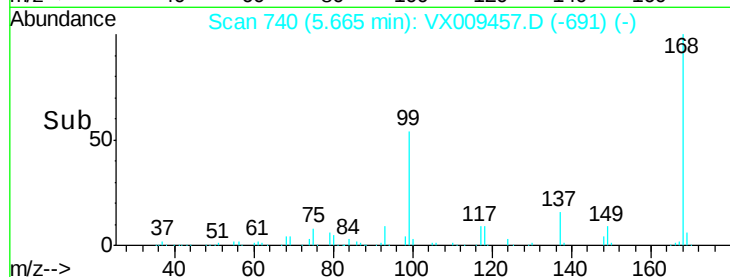
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.658 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX009457.D

Acq: 10 May 2019 03:26

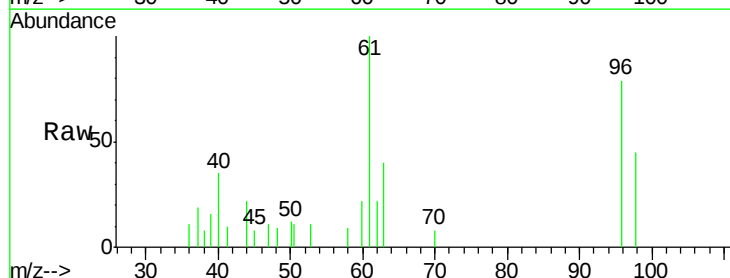
Tgt Ion: 96 Resp: 1501

Ion Ratio Lower Upper

96 100

61 154.5 0.0 324.0

98 70.3 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

1000

800

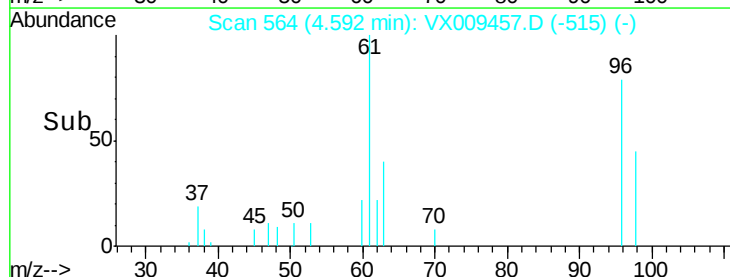
600

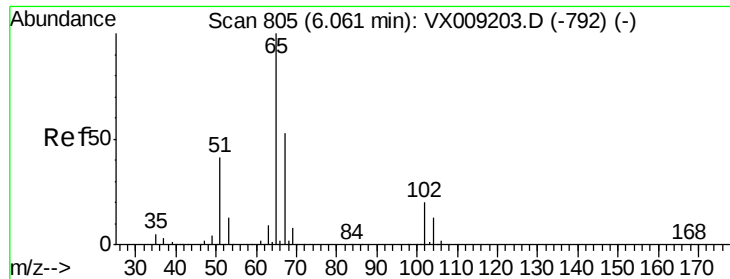
400

200

0

Time--> 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 48.514 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009457.D

Acq: 10 May 2019 03:26

Instrument :

MSVOA_X

ClientSampleId :

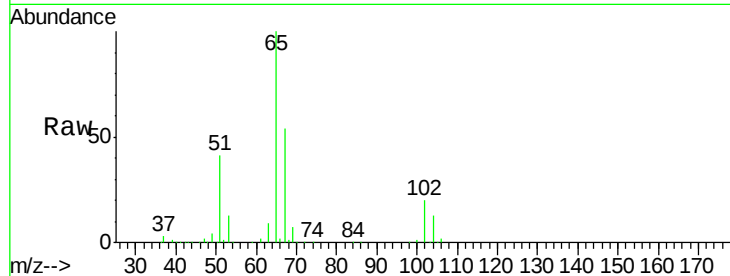
SS052MW126-190508

Tot Ion: 65 Resp: 124350

Ion Ratio Lower Upper

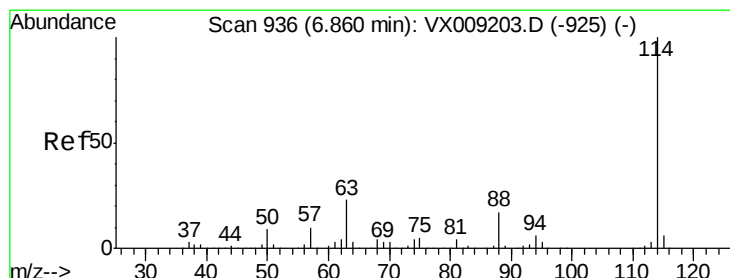
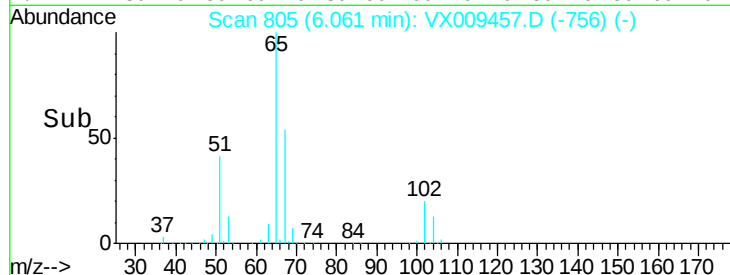
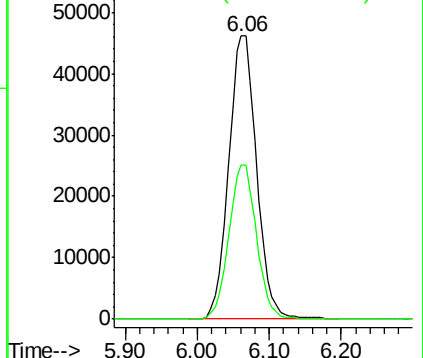
65 100

67 54.0 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: VX009457.D

Acq: 10 May 2019 03:26

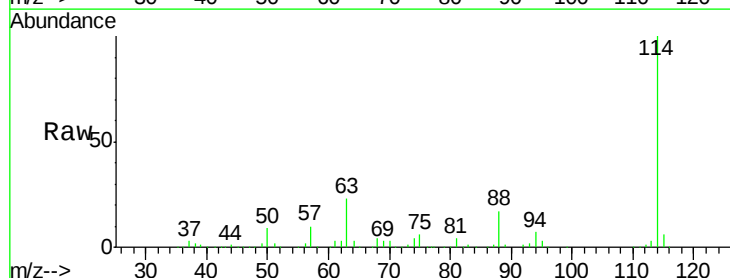
Tgt Ion: 114 Resp: 303239

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

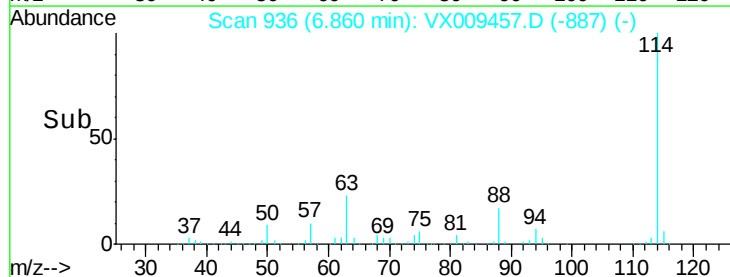
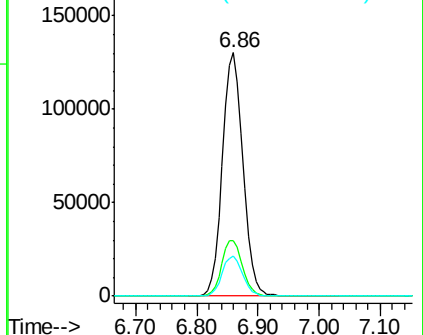
88 16.6 0.0 33.2

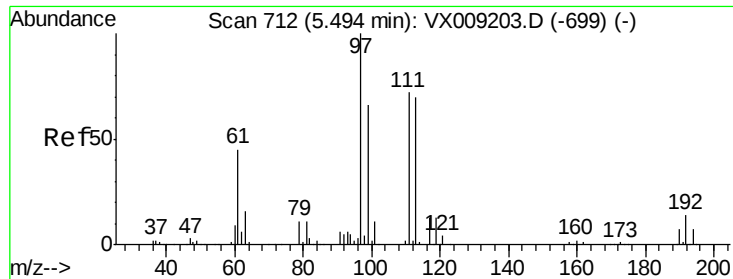


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

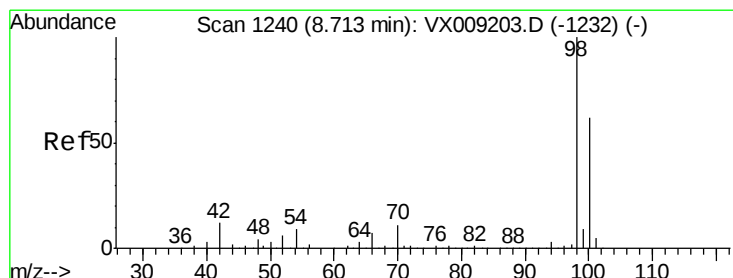
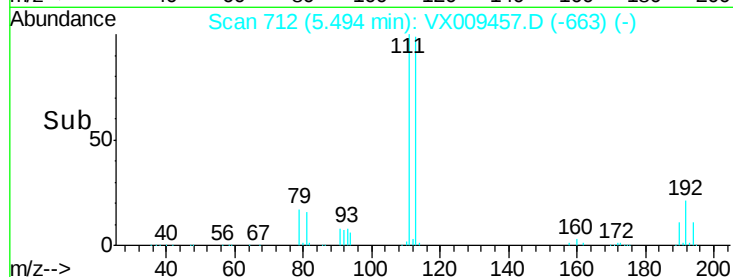
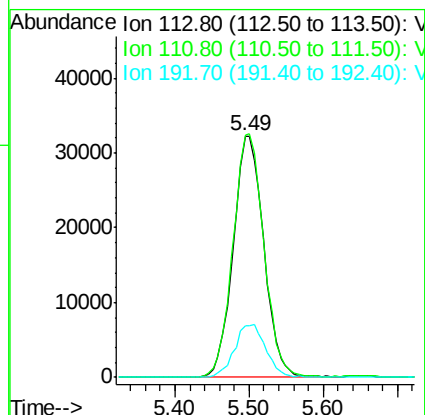
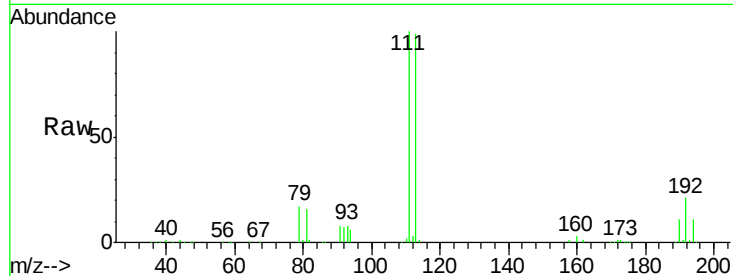




#35
 Dibromofluoromethane
 Concen: 48.840 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009457.D
 Acq: 10 May 2019 03:26

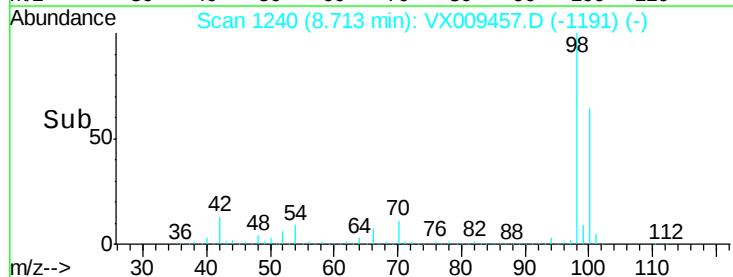
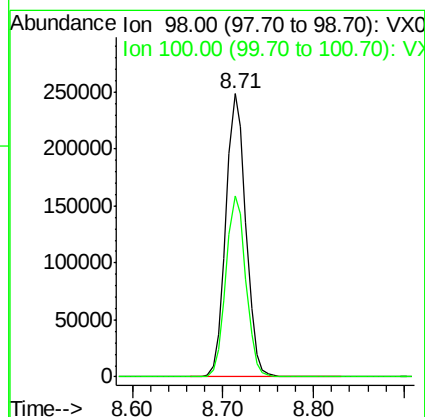
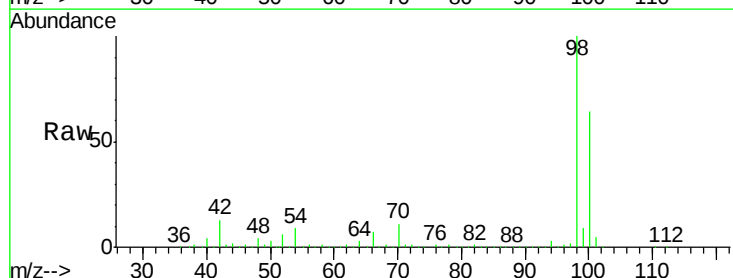
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW126-190508

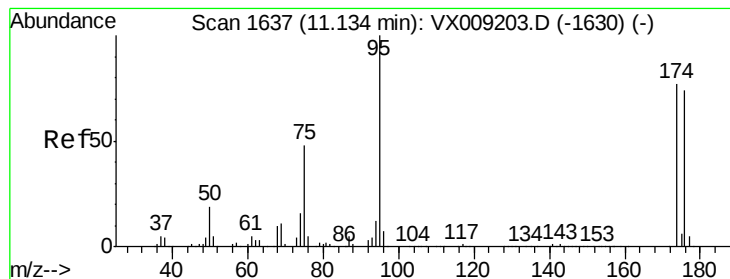
Tot Ion:113 Resp: 93102
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.8 124.2
 192 22.4 17.0 25.6



#50
 Toluene-d8
 Concen: 49.693 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009457.D
 Acq: 10 May 2019 03:26

Tgt Ion: 98 Resp: 382442
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.646 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009457.D

Acq: 10 May 2019 03:26

Instrument :

MSVOA_X

ClientSampleId :

SS052MW126-190508

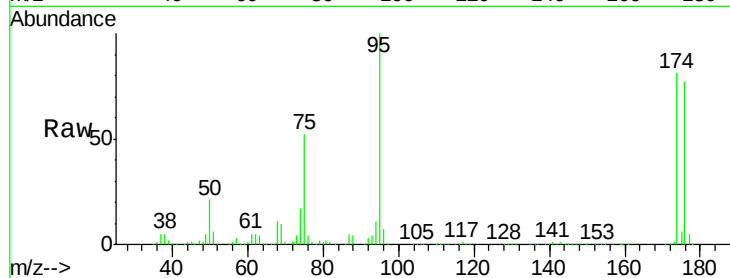
Tot Ion: 95 Resp: 127647

Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

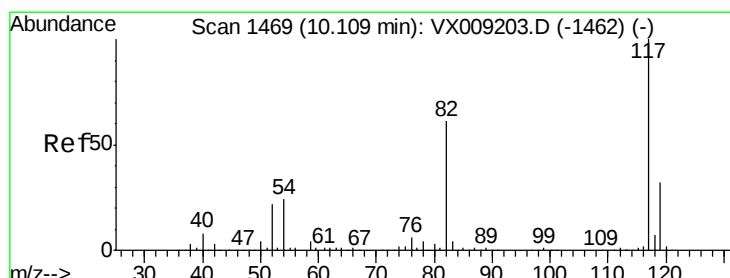
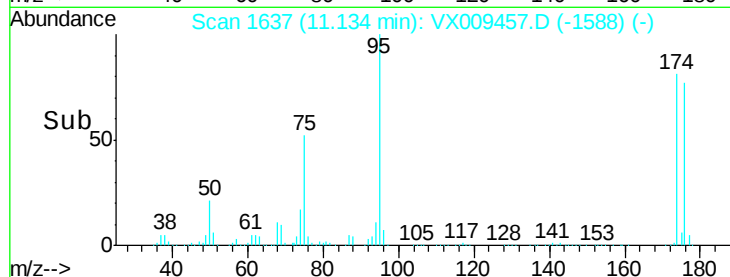
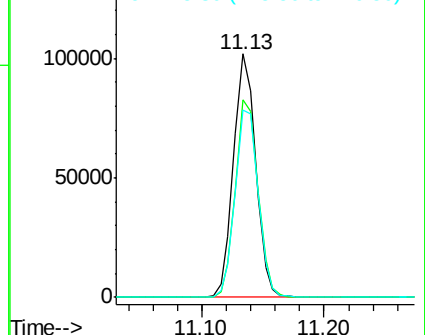
176 80.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009457.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009457.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009457.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009457.D

Acq: 10 May 2019 03:26

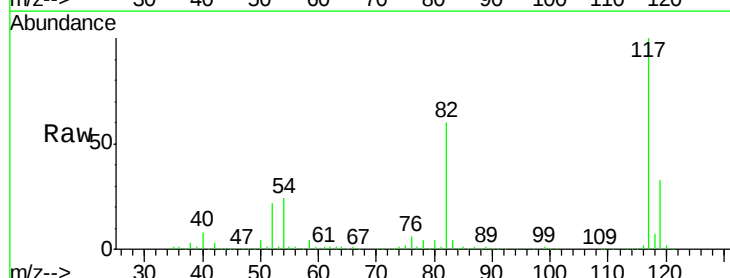
Tgt Ion: 117 Resp: 269609

Ion Ratio Lower Upper

117 100

82 60.0 48.8 73.2

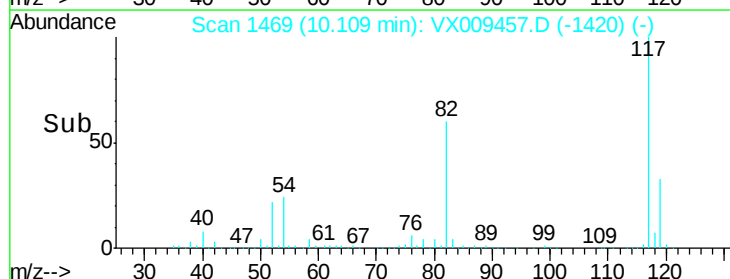
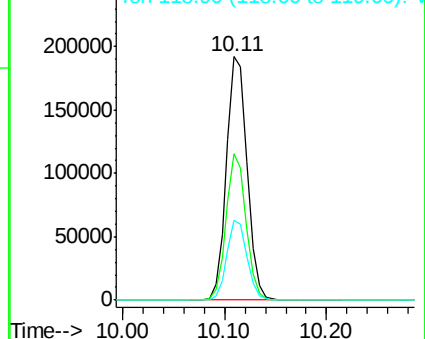
119 32.6 25.8 38.6

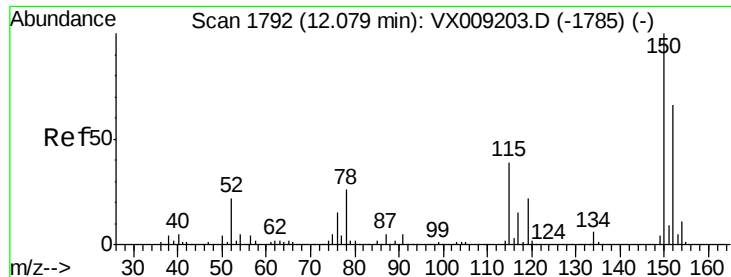


Abundance Ion 116.90 (116.60 to 117.60): VX009457.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009457.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009457.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: VX009457.D
 Acq: 10 May 2019 03:26

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW126-190508

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	41.2	123.6
150	156.7	0.0	346.4

