

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009458.D
 Acq On : 10 May 2019 03:50
 Operator : JC/SP
 Sample : K2782-12DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW126-190508DL

Quant Time: May 10 08:49:47 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	187393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107636	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123409	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.50	113	90665	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.71	98	373597	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	119815	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	

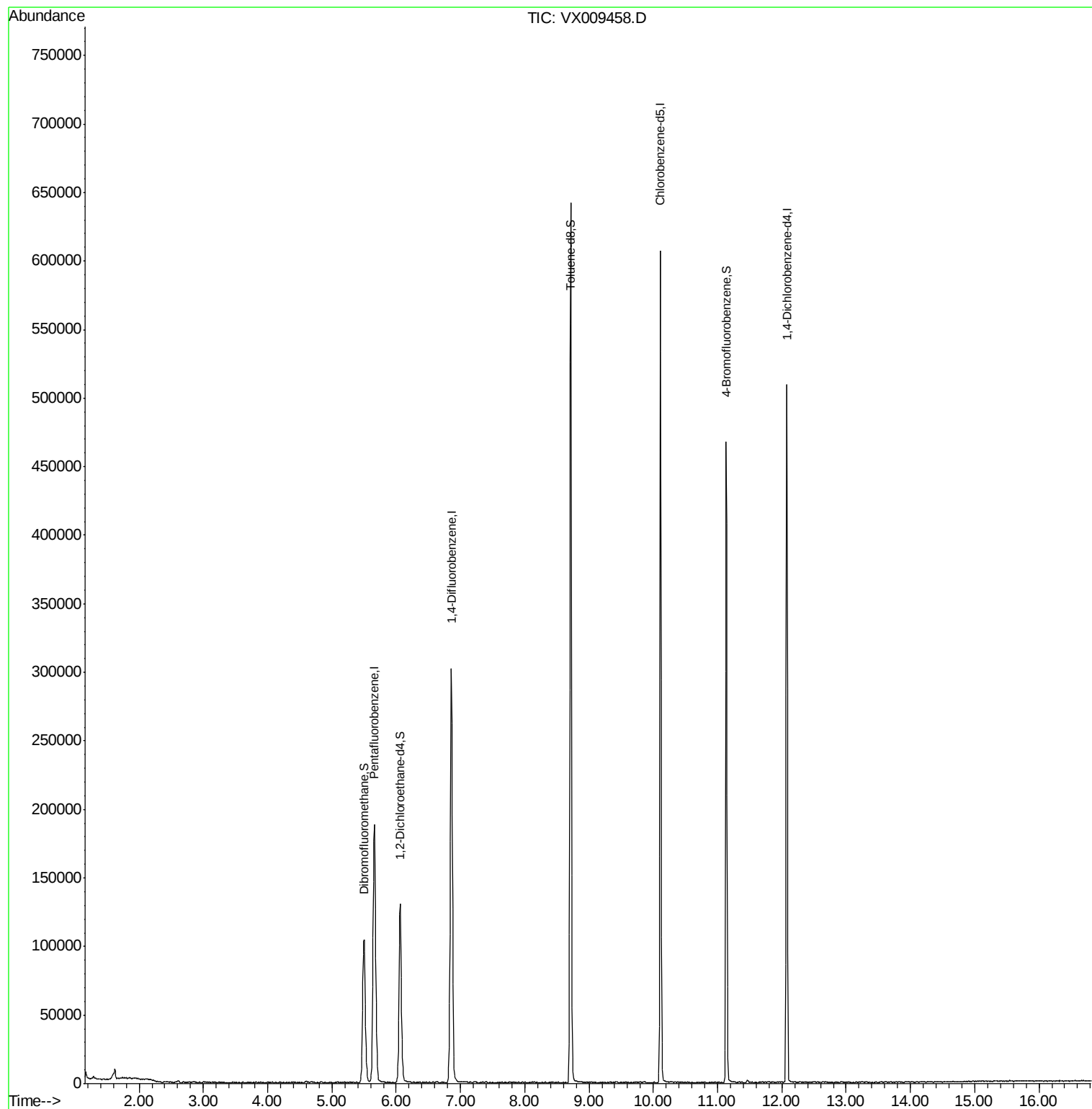
Target Compounds	Qvalue
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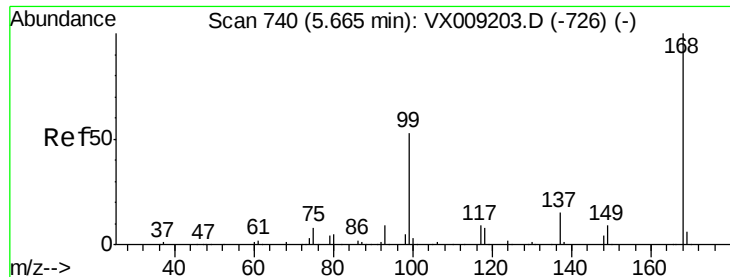
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009458.D

Acq: 10 May 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

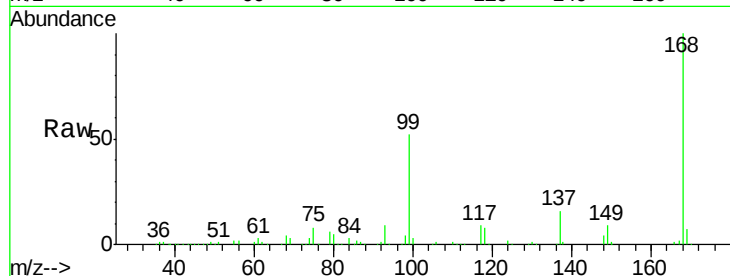
SS052MW126-190508DL

Tot Ion:168 Resp: 187393

Ion Ratio Lower Upper

168 100

99 52.2 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

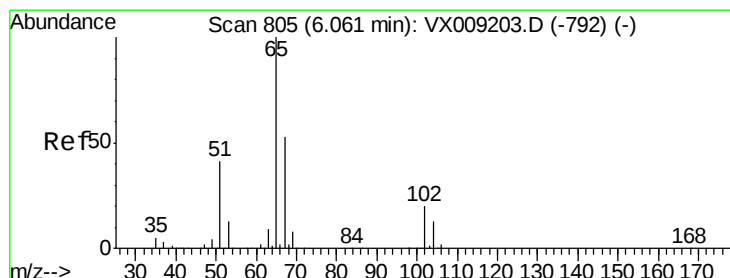
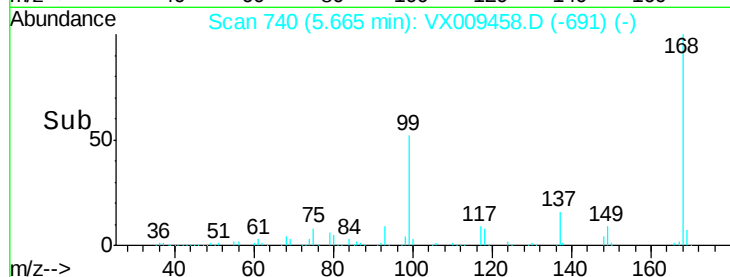
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.242 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009458.D

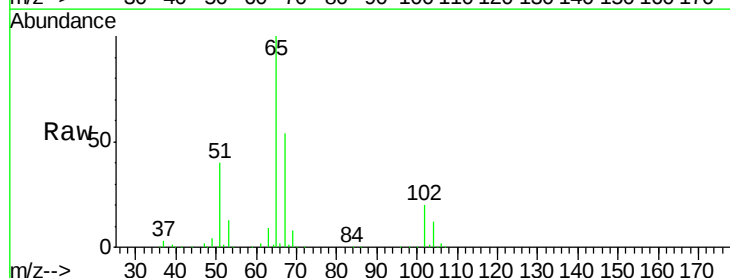
Acq: 10 May 2019 03:50

Tgt Ion: 65 Resp: 123409

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

6.06

50000

40000

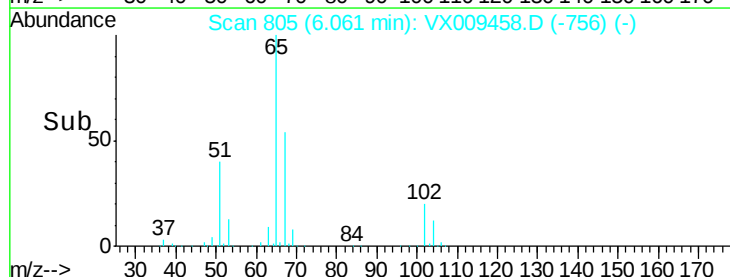
30000

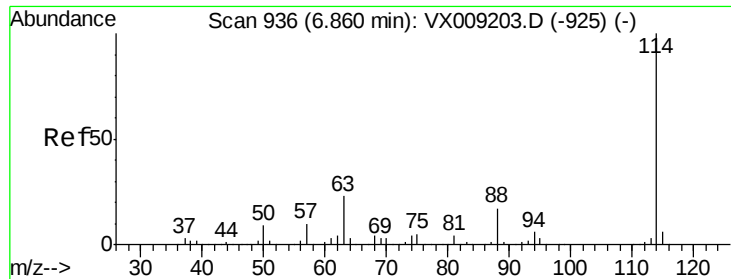
20000

10000

0

Time--> 5.90 6.00 6.10 6.20 6.30

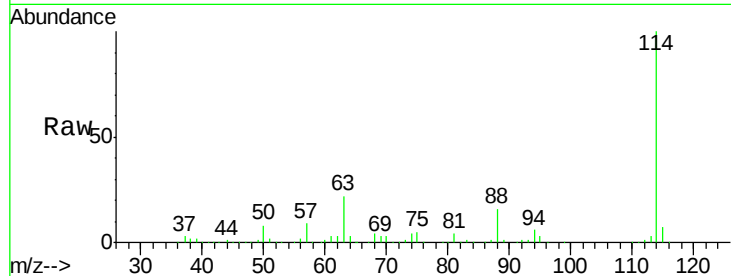




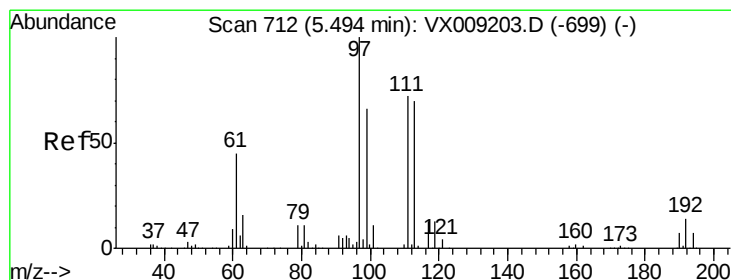
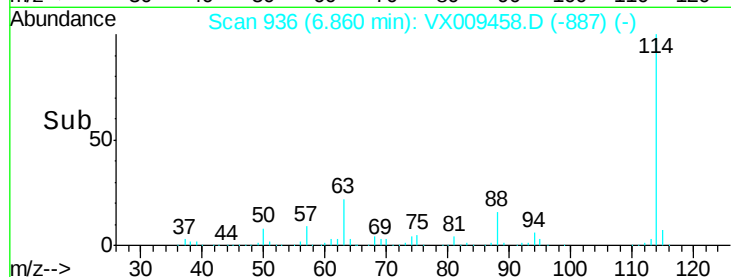
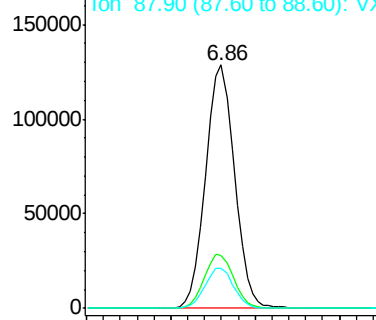
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009458.D
 Acq: 10 May 2019 03:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW126-190508DL

Tot Ion:114 Resp: 299332
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.6
 88 16.4 0.0 33.2

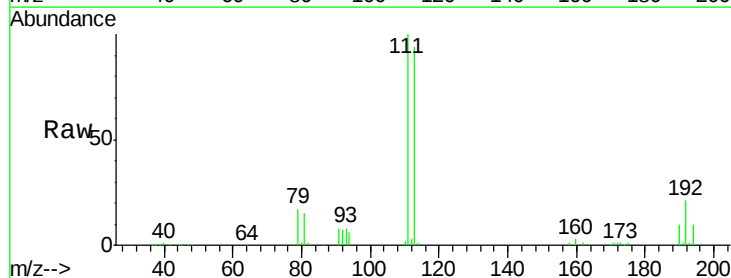


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

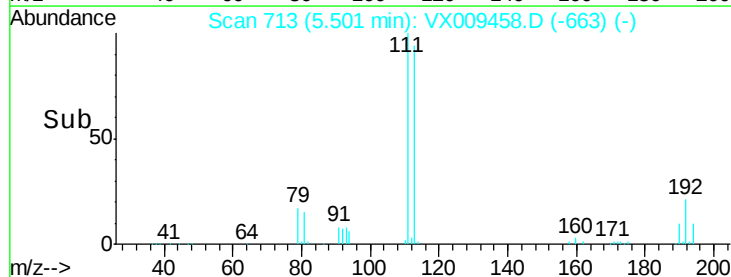
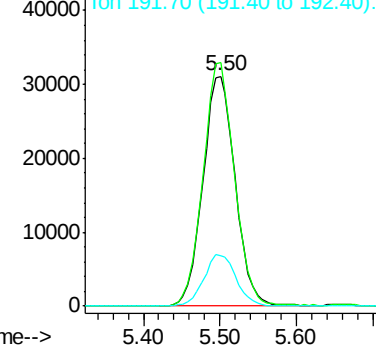


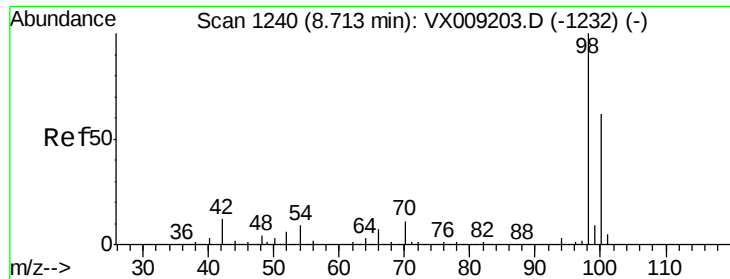
#35
 Dibromofluoromethane
 Concen: 48.182 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009458.D
 Acq: 10 May 2019 03:50

Tgt Ion:113 Resp: 90665
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 22.4 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: 49.177 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009458.D

Acq: 10 May 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

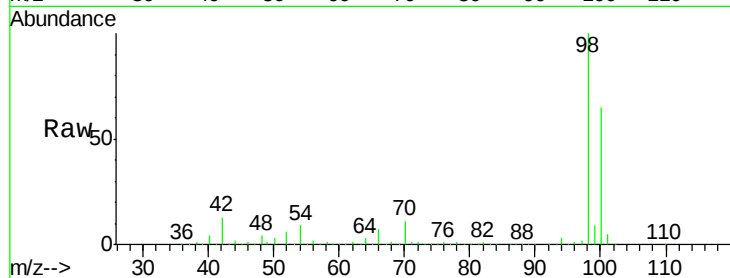
SS052MW126-190508DL

Tot Ion: 98 Resp: 373597

Ion Ratio Lower Upper

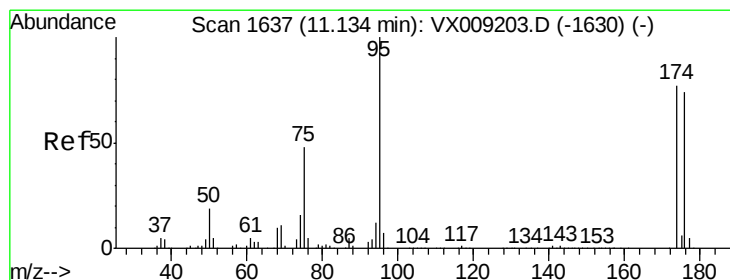
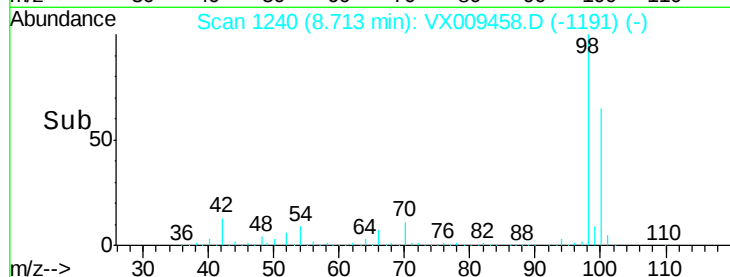
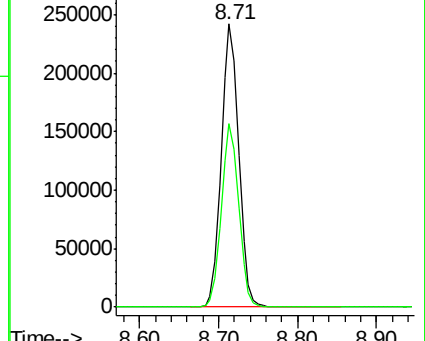
98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.404 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009458.D

Acq: 10 May 2019 03:50

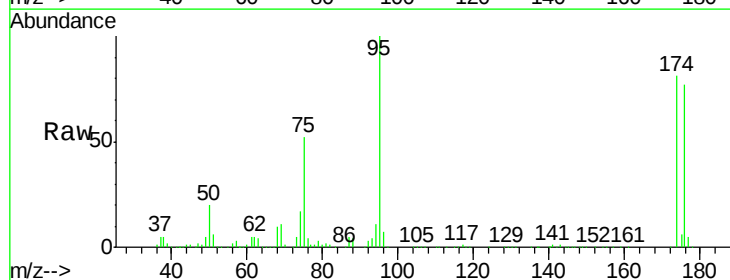
Tgt Ion: 95 Resp: 119815

Ion Ratio Lower Upper

95 100

174 83.7 0.0 161.6

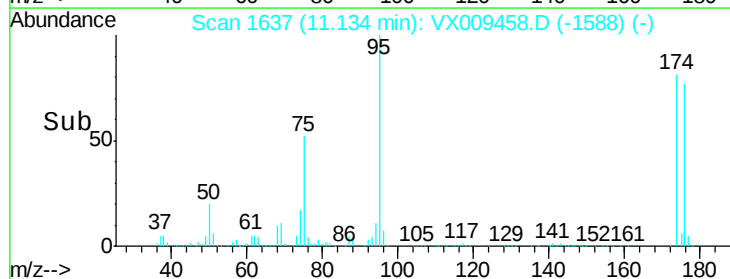
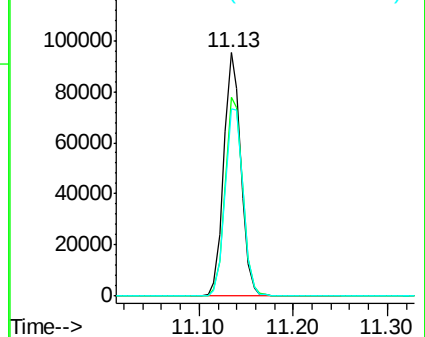
176 81.1 0.0 159.2

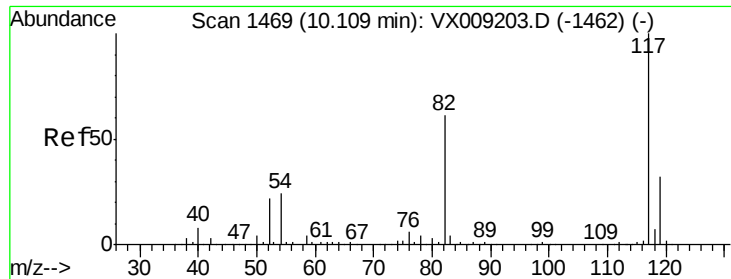


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX009458.D

Acq: 10 May 2019 03:50

Instrument :

MSVOA_X

ClientSampleId :

SS052MW126-190508DL

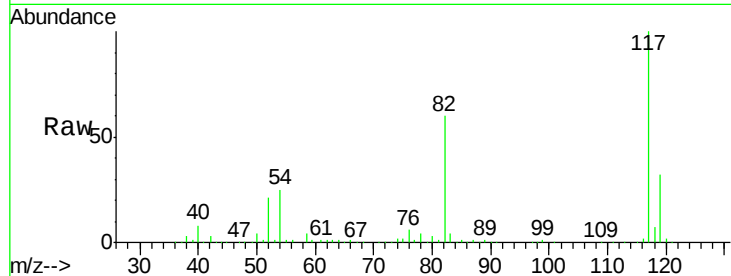
Tot Ion:117 Resp: 260197

Ion Ratio Lower Upper

117 100

82 59.9 48.8 73.2

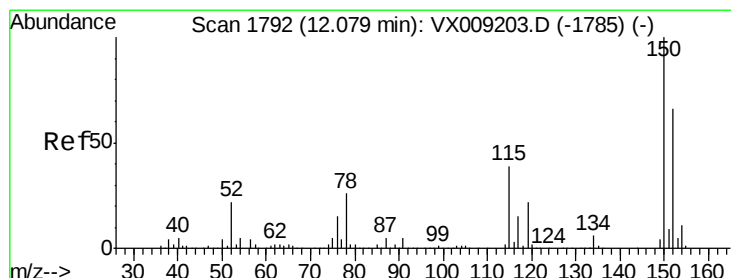
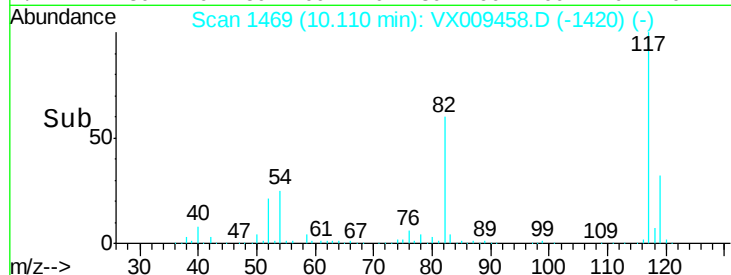
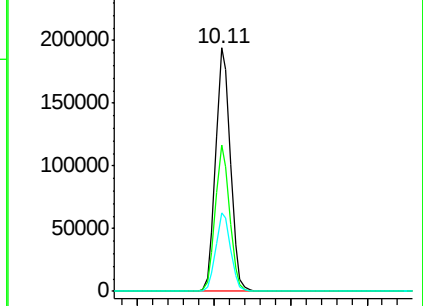
119 32.0 25.8 38.6



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: VX009458.D

Acq: 10 May 2019 03:50

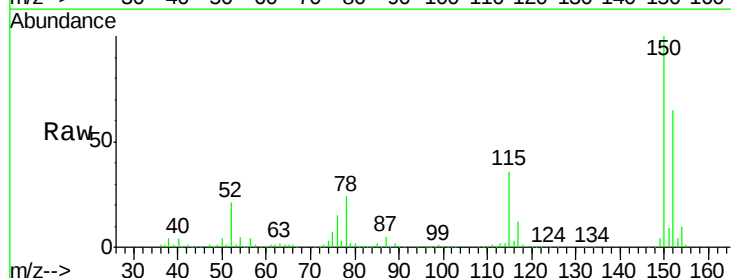
Tgt Ion:152 Resp: 107636

Ion Ratio Lower Upper

152 100

115 58.0 41.2 123.6

150 155.9 0.0 346.4



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

