

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013223.D
 Acq On : 25 Oct 2019 12:11
 Operator : JC/SP
 Sample : K5547-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 25 23:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	73232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	108341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	106015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	63081	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	81526	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
35) Dibromofluoromethane	5.48	113	62822	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.71	98	227433	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.13	95	83062	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

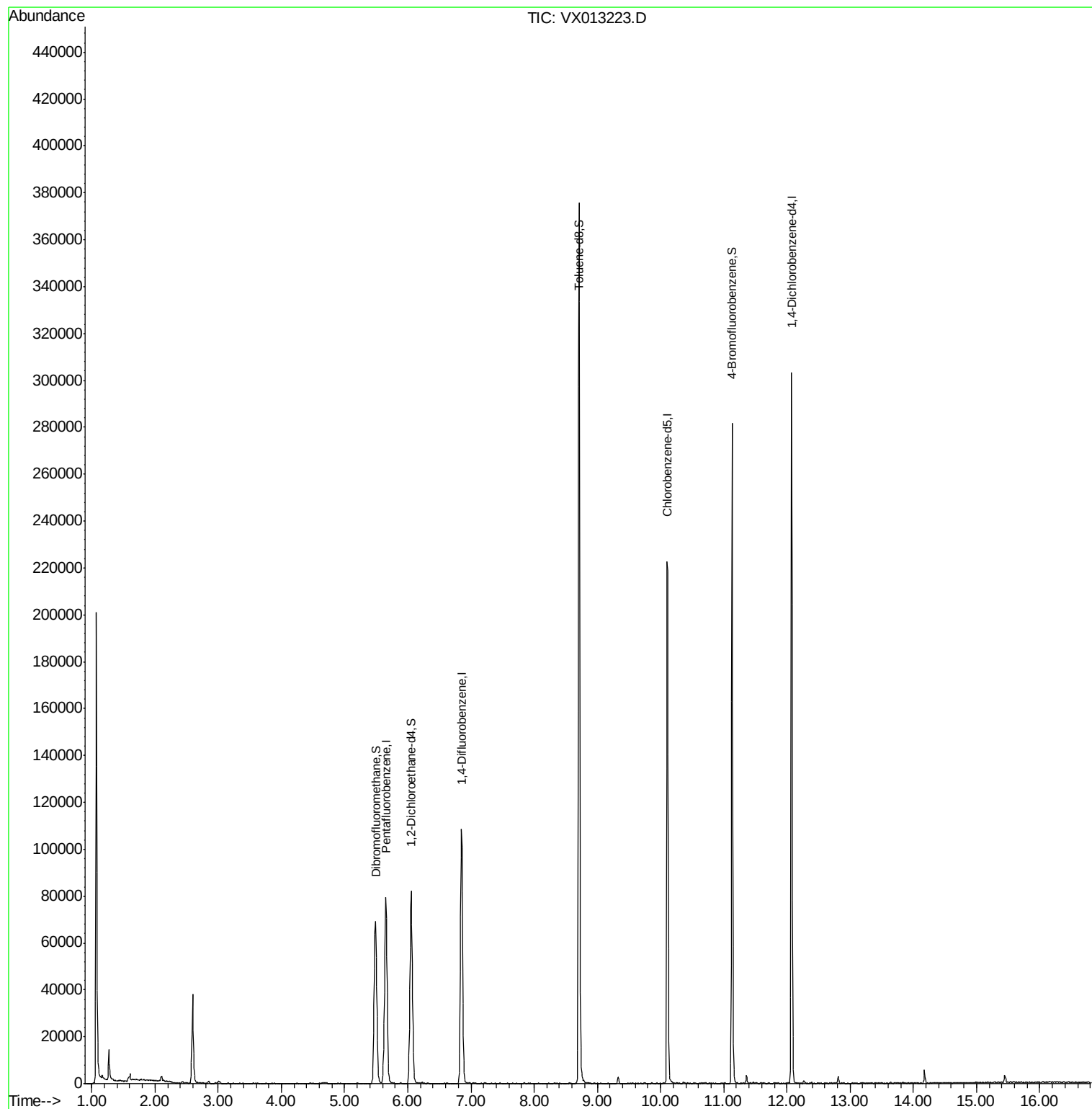
Target Compounds	Qvalue

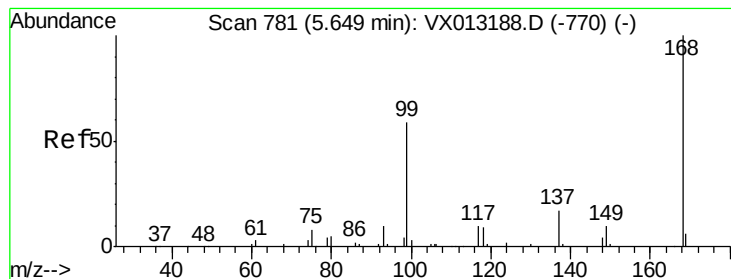
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 24 03:56:38 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013223.D

Acq: 25 Oct 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

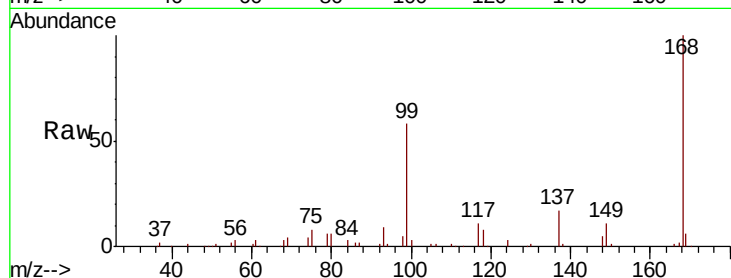
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 73232

Ion Ratio Lower Upper

168 100

99 58.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

25000

20000

15000

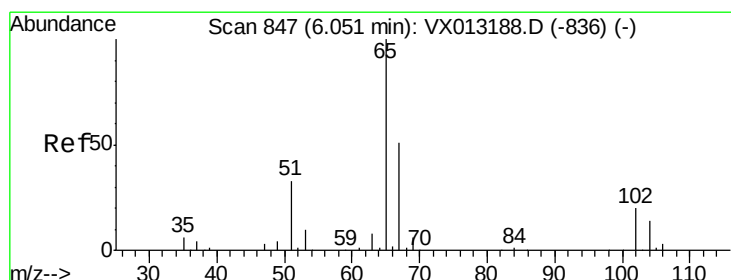
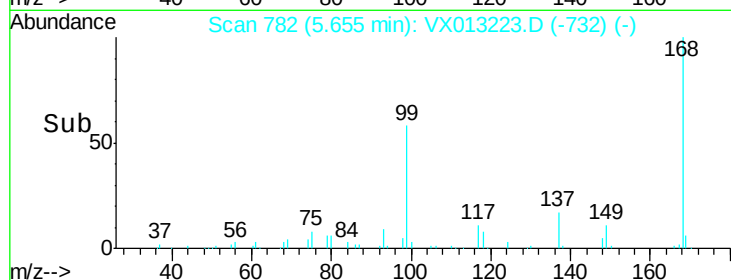
10000

5000

0

Time-->

5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 53.226 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013223.D

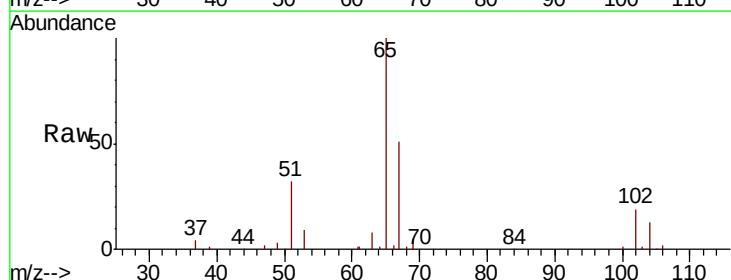
Acq: 25 Oct 2019 12:11

Tgt Ion: 65 Resp: 81526

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

30000

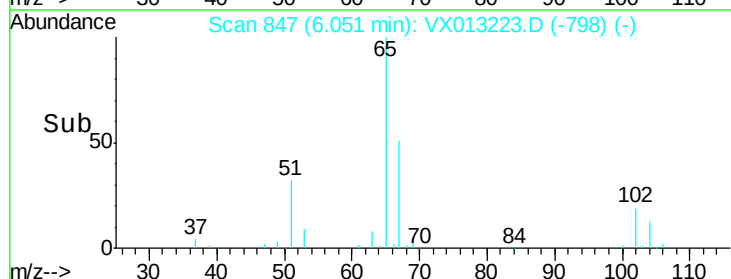
20000

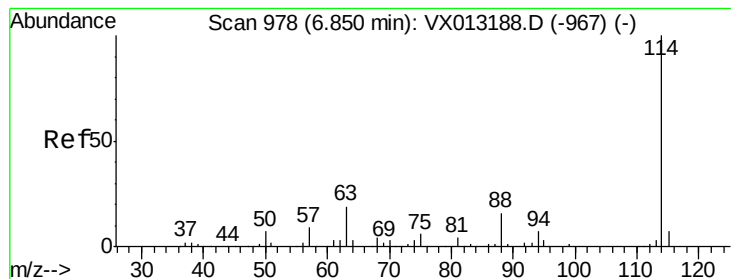
10000

0

Time-->

6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013223.D

Acq: 25 Oct 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

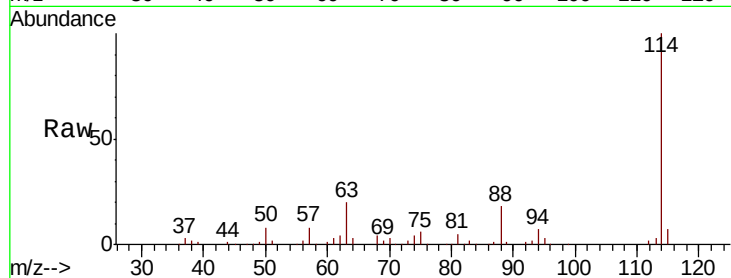
Tot Ion:114 Resp: 108341

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

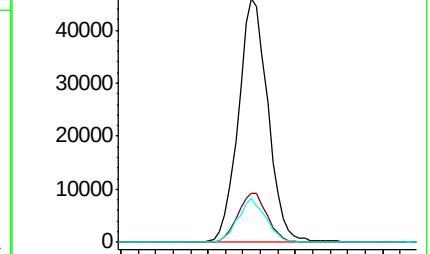
88 18.0 0.0 32.0



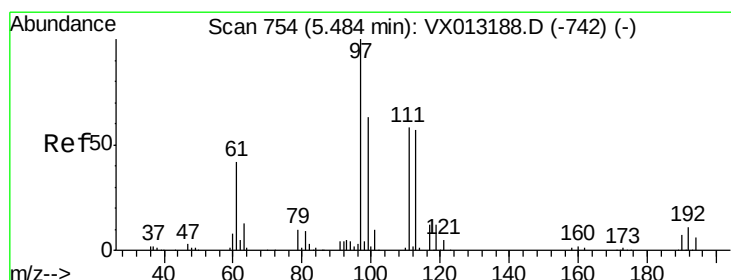
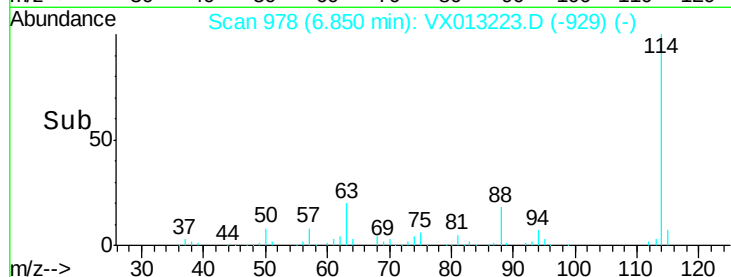
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 51.998 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013223.D

Acq: 25 Oct 2019 12:11

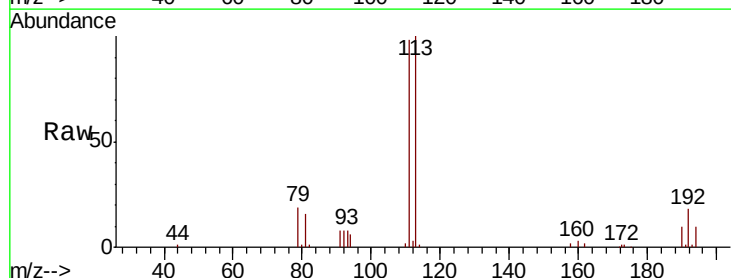
Tgt Ion:113 Resp: 62822

Ion Ratio Lower Upper

113 100

111 100.9 80.3 120.5

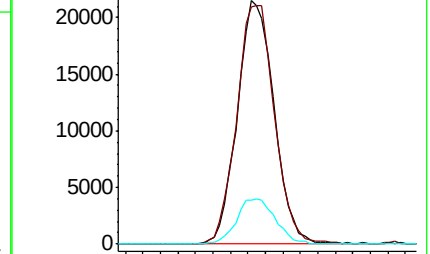
192 19.8 15.9 23.9



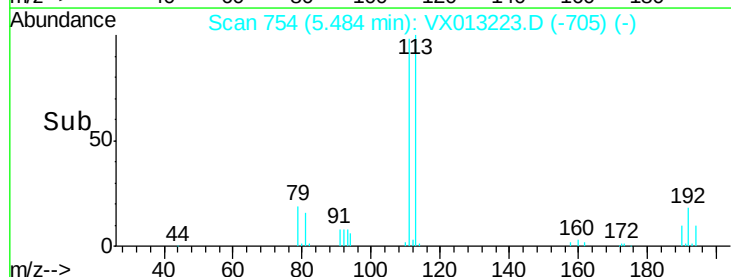
Abundance Ion 112.80 (112.50 to 113.50): V

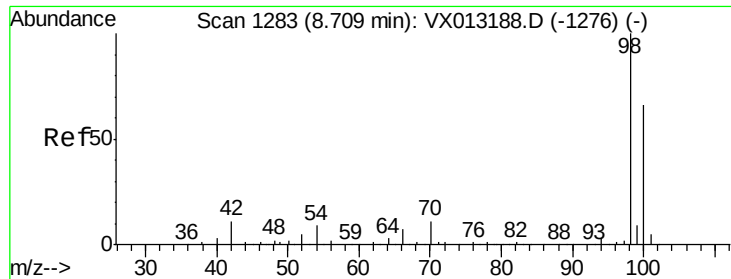
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 5.40 5.50 5.60





#50

Toluene-d8

Concen: 50.797 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013223.D

Acq: 25 Oct 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

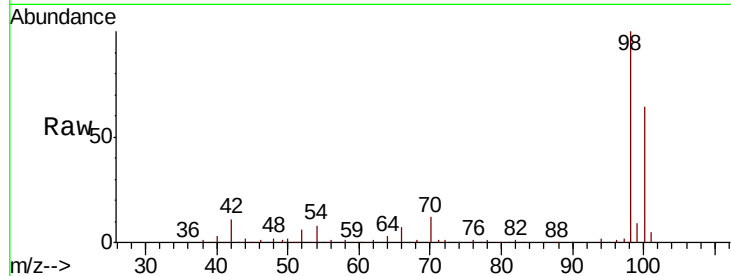
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 227433

Ion Ratio Lower Upper

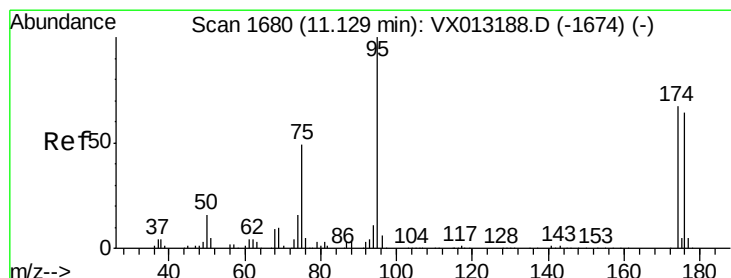
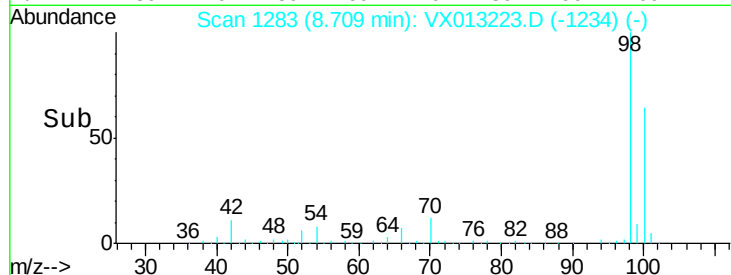
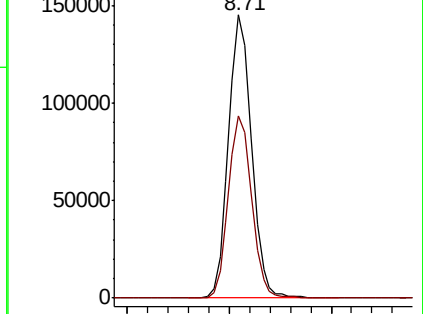
98 100

100 65.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.871 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013223.D

Acq: 25 Oct 2019 12:11

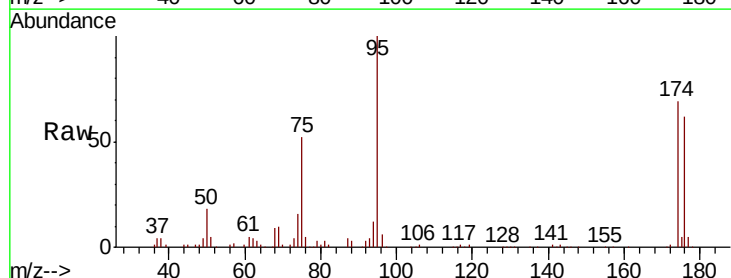
Tgt Ion: 95 Resp: 83062

Ion Ratio Lower Upper

95 100

174 74.8 0.0 152.4

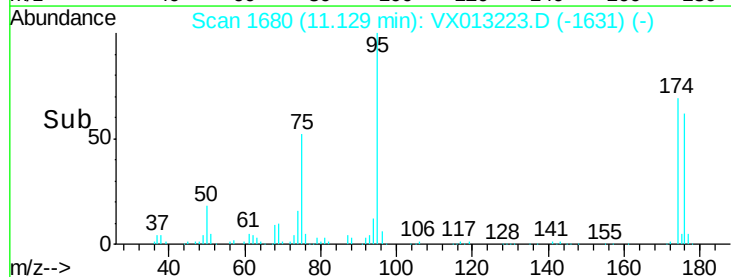
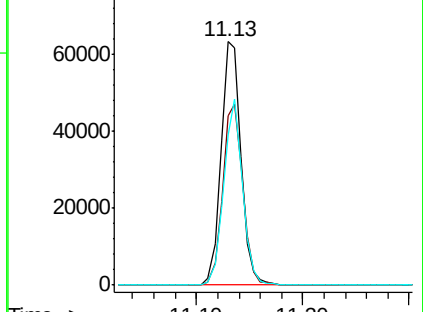
176 71.8 0.0 146.0

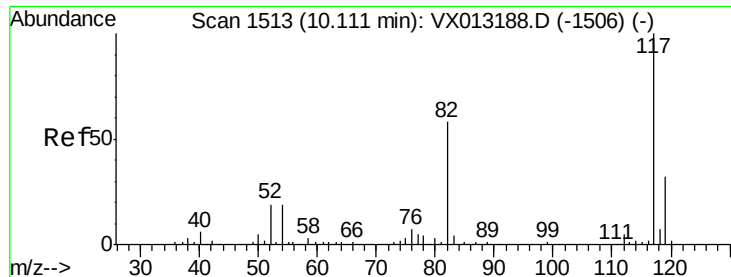


Abundance Ion 94.90 (94.60 to 95.60): VX0

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# 1512

Delta R.T. -0.01 min

Lab File: VX013223.D

Acq: 25 Oct 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

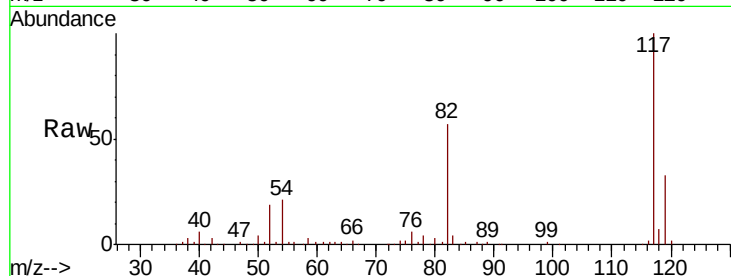
Tot Ion:117 Resp: 106015

Ion Ratio Lower Upper

117 100

82 56.6 46.5 69.7

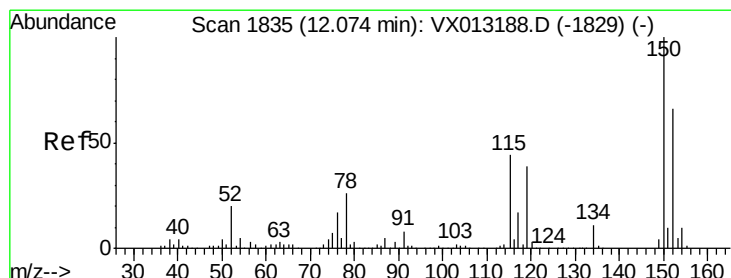
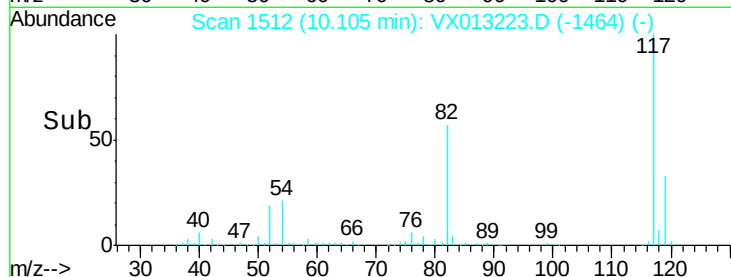
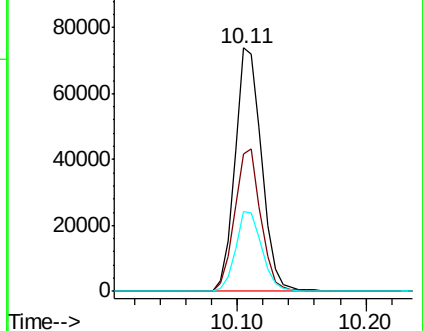
119 32.9 25.2 37.8



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013223.D

Acq: 25 Oct 2019 12:11

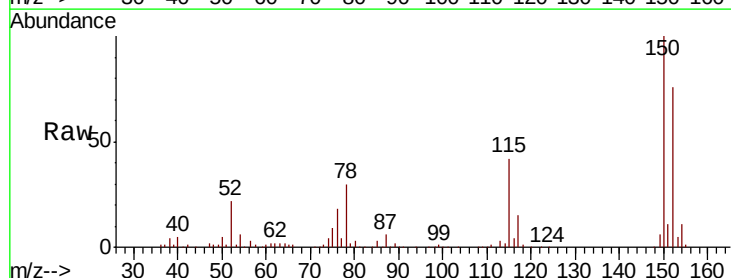
Tgt Ion:152 Resp: 63081

Ion Ratio Lower Upper

152 100

115 62.5 46.6 139.8

150 153.7 0.0 354.0



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

