

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009555.D
 Acq On : 14 May 2019 11:39
 Operator : JC/SP
 Sample : VX0514WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

Quant Time: May 15 08:20:20 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	191954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109484	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124777	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
35) Dibromofluoromethane	5.50	113	91983	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	8.71	98	380378	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	124897	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	

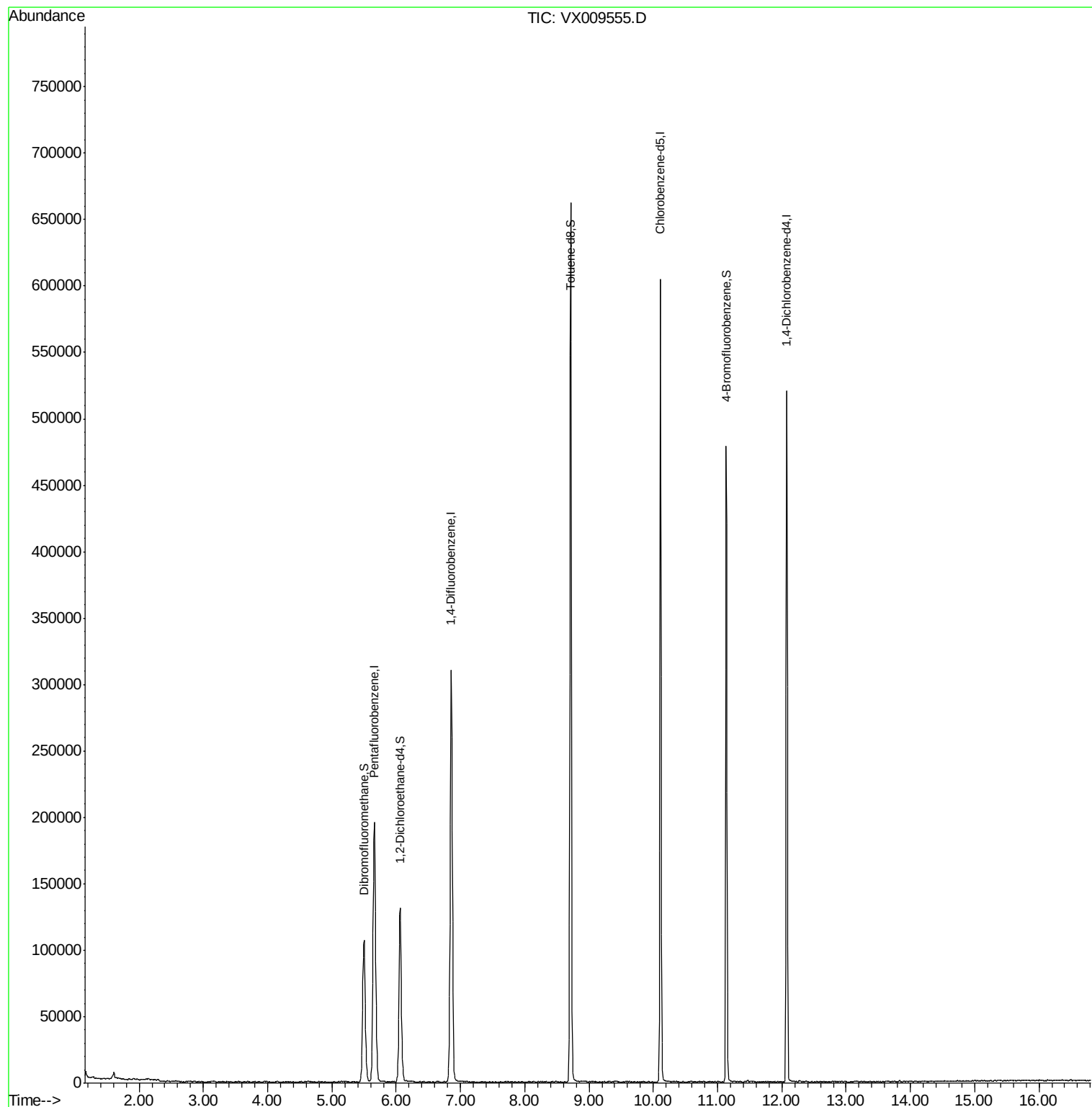
Target Compounds	Qvalue
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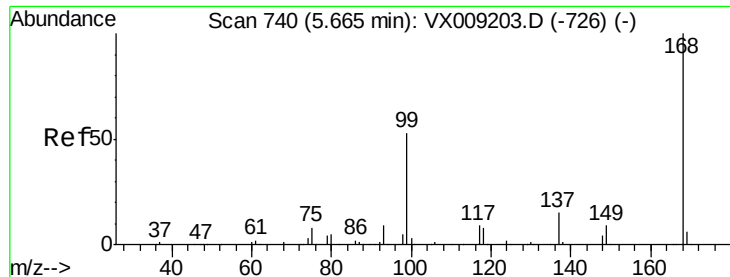
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

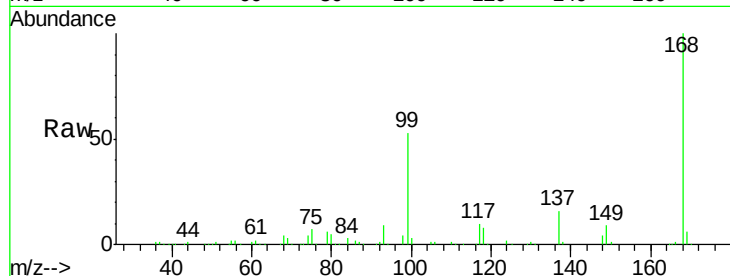
VX0514WBL01

Tot Ion:168 Resp: 191954

Ion Ratio Lower Upper

168 100

99 52.8 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

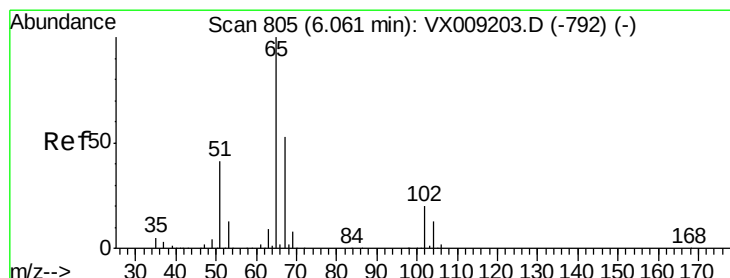
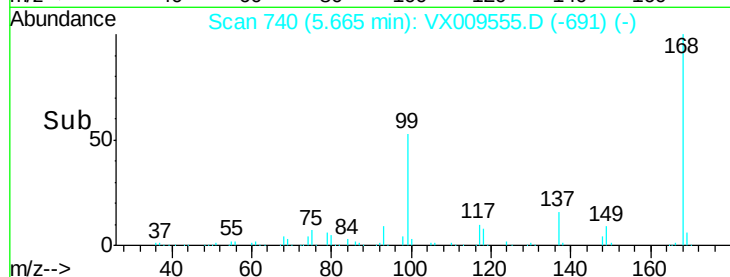
40000

20000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.618 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009555.D

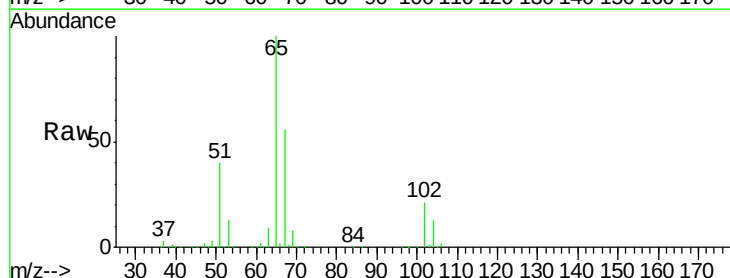
Acq: 14 May 2019 11:39

Tgt Ion: 65 Resp: 124777

Ion Ratio Lower Upper

65 100

67 53.5 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

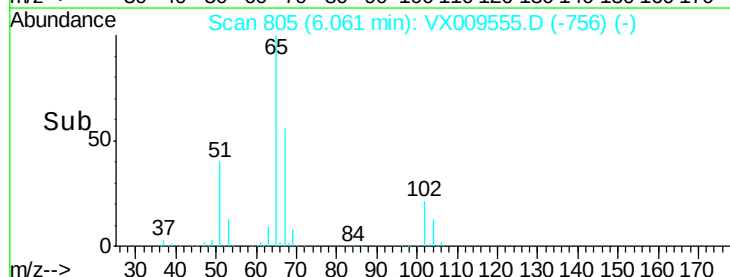
20000

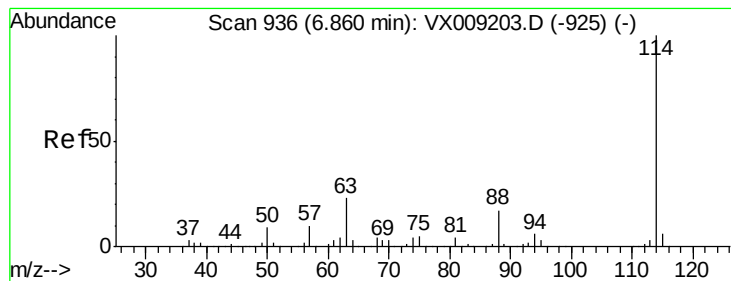
10000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01

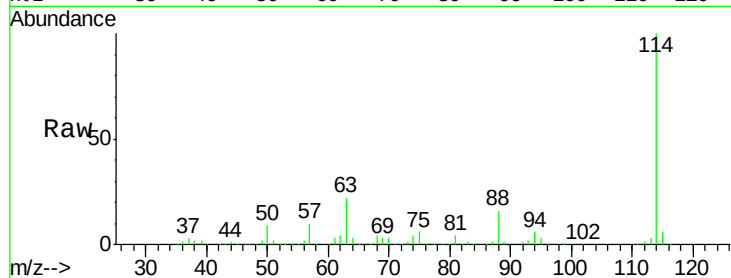
Tot Ion:114 Resp: 304757

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

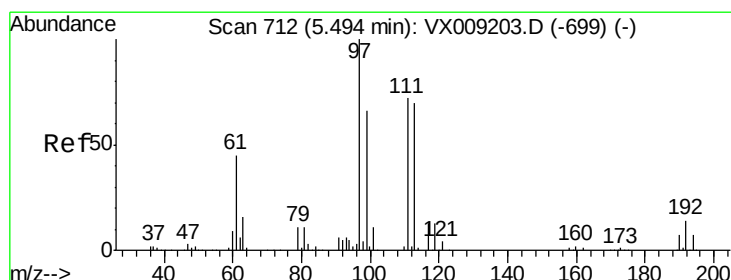
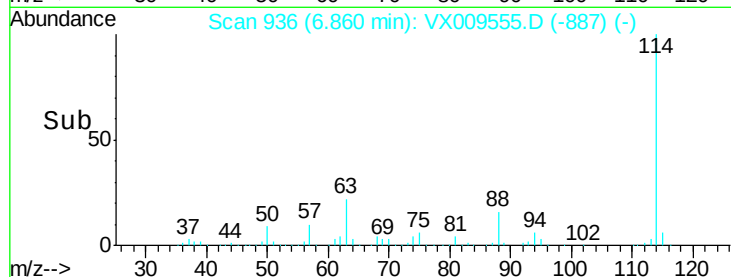
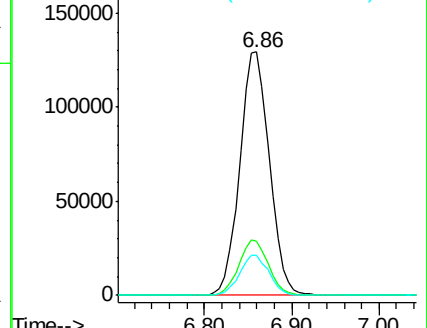
88 16.3 0.0 33.2



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: 48.012 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

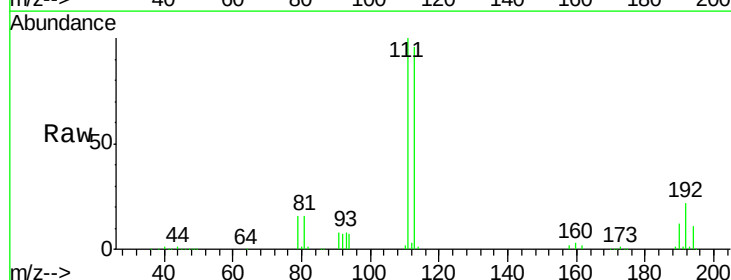
Tgt Ion:113 Resp: 91983

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

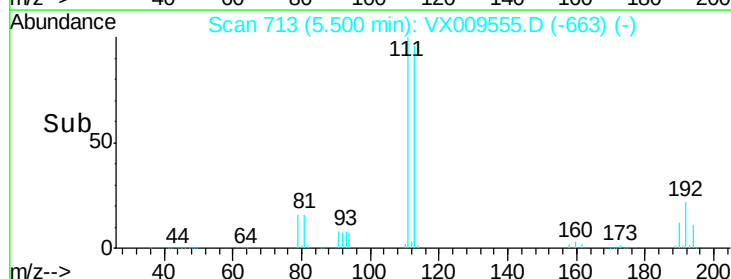
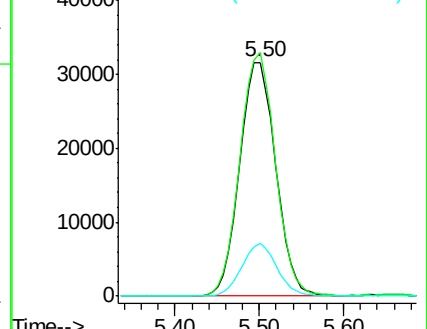
192 21.8 17.0 25.6

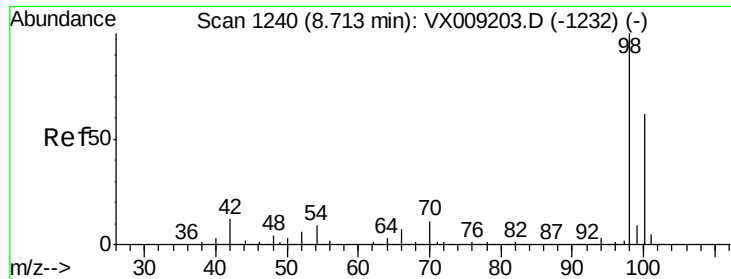


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.178 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

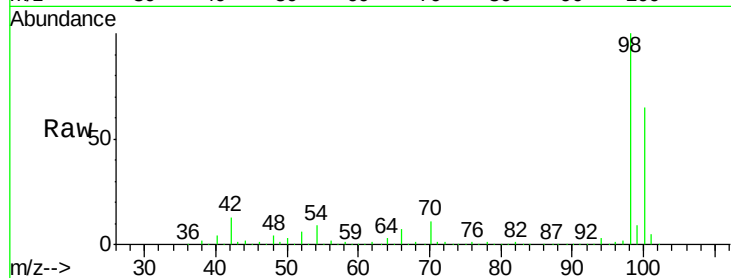
VX0514WBL01

Tot Ion: 98 Resp: 380378

Ion Ratio Lower Upper

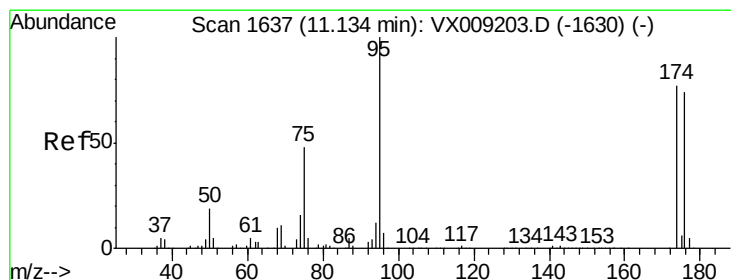
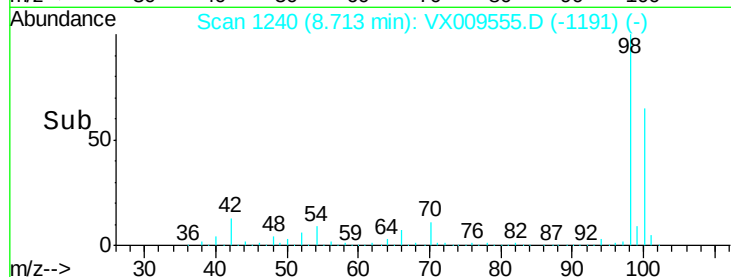
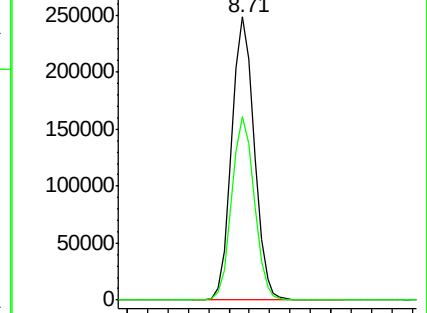
98 100

100 64.7 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: 44.440 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

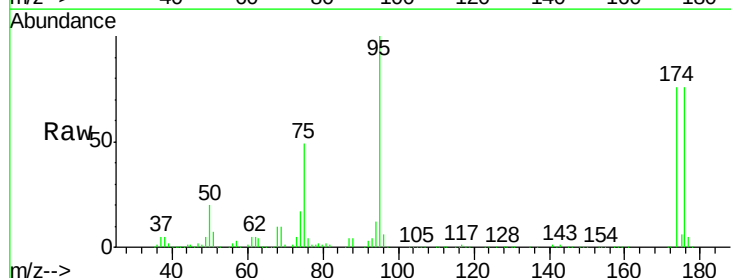
Tgt Ion: 95 Resp: 124897

Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.6

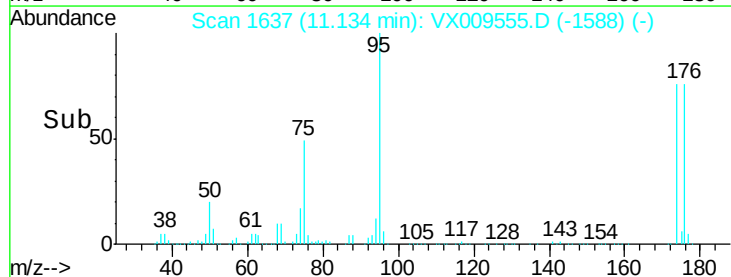
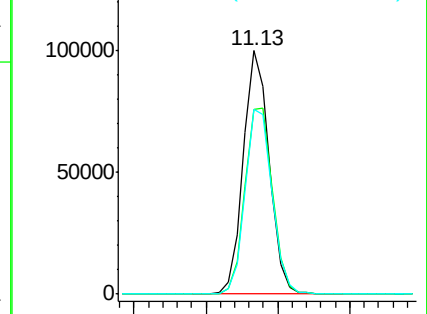
176 78.9 0.0 159.2

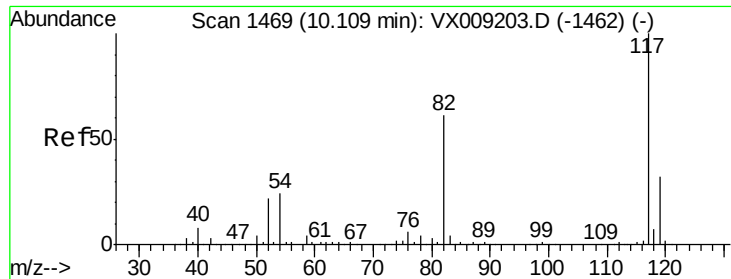


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0514WBL01

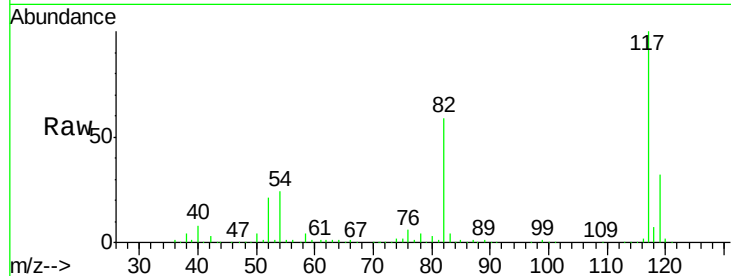
Tot Ion:117 Resp: 264516

Ion Ratio Lower Upper

117 100

82 58.6 48.8 73.2

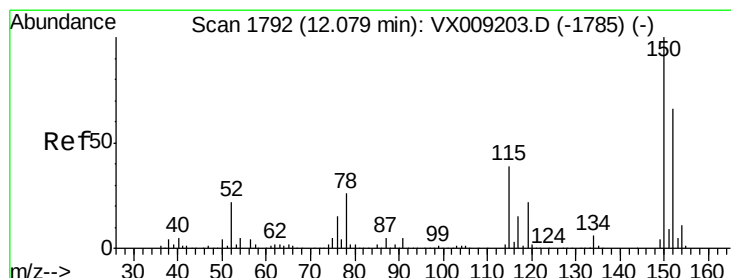
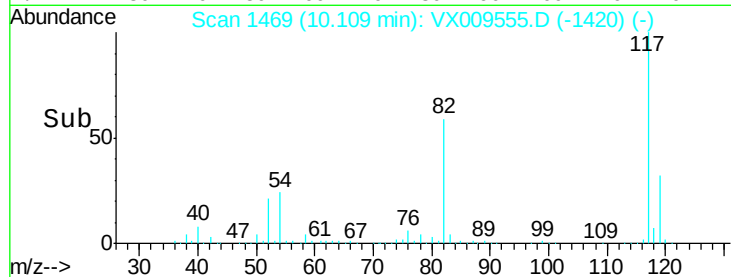
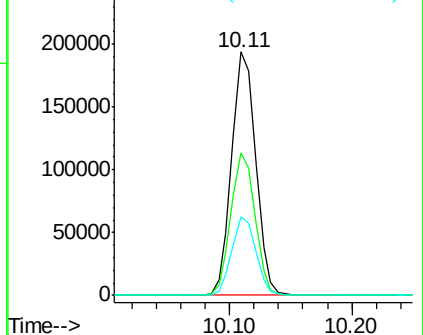
119 32.4 25.8 38.6



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: VX009555.D

Acq: 14 May 2019 11:39

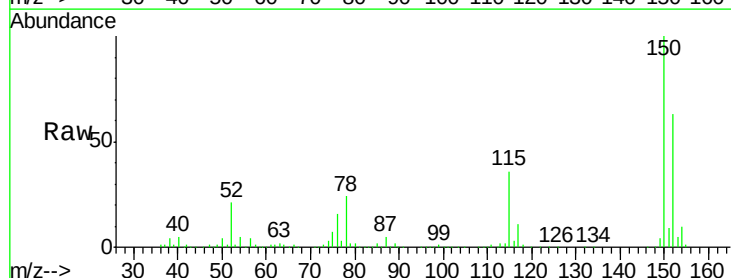
Tgt Ion:152 Resp: 109484

Ion Ratio Lower Upper

152 100

115 58.6 41.2 123.6

150 157.3 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

