

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009833.D
 Acq On : 23 May 2019 03:38
 Operator : JC/SP
 Sample : K2976-14 50X
 Misc : 5.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-HR(17-20)

Quant Time: May 23 08:56:11 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	177447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132142	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123658	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	5.50	113	88233	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.71	98	373687	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	134266	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

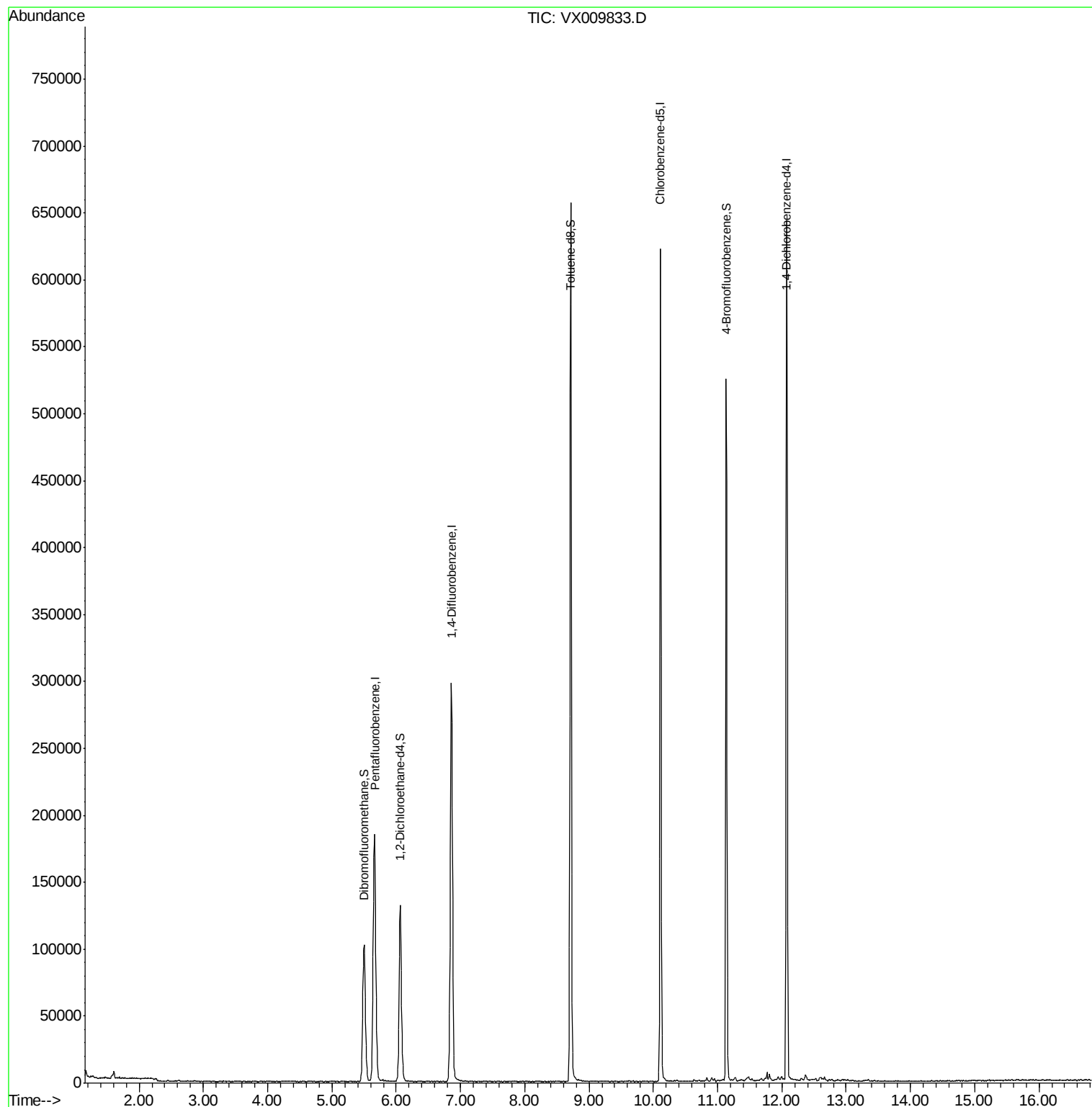
Target Compounds	Qvalue

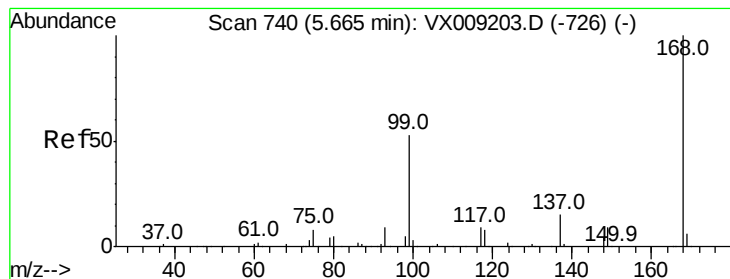
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

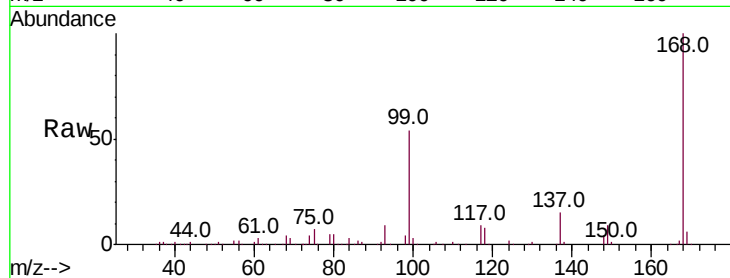
EP1-SB-MW-HR(17-20)

Tot Ion:168 Resp: 177447

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

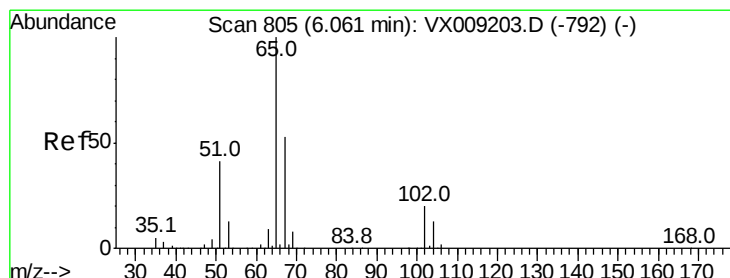
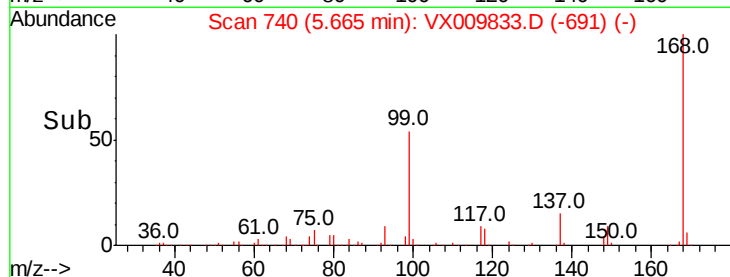
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.049 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009833.D

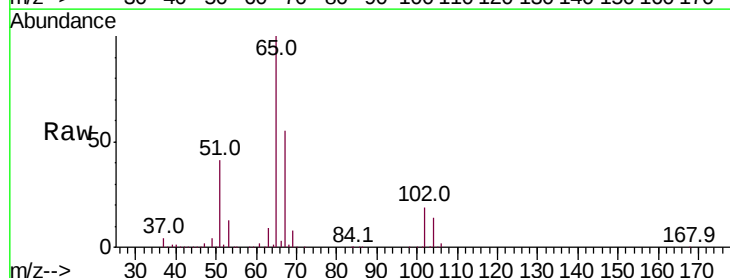
Acq: 23 May 2019 03:38

Tgt Ion: 65 Resp: 123658

Ion Ratio Lower Upper

65 100

67 53.6 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

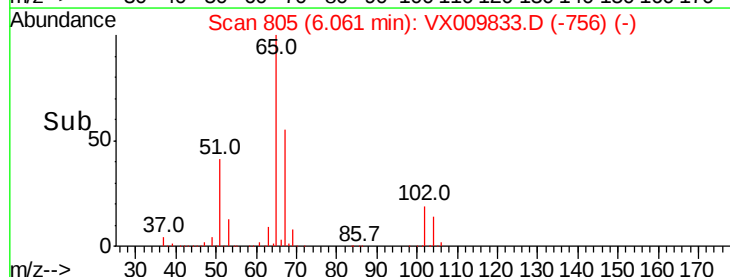
30000

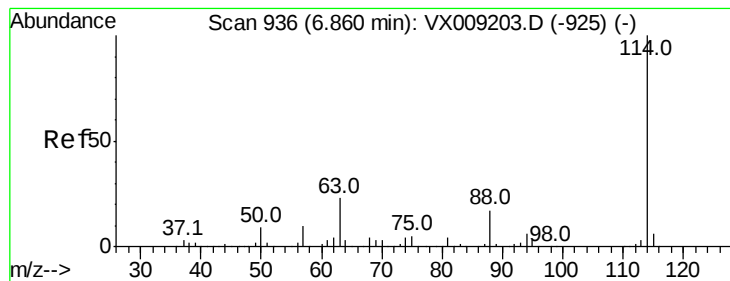
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-HR(17-20)

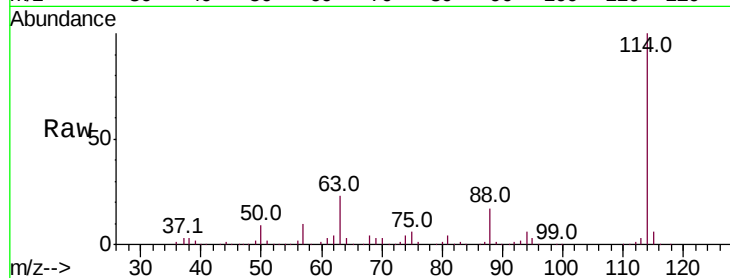
Tot Ion:114 Resp: 292784

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

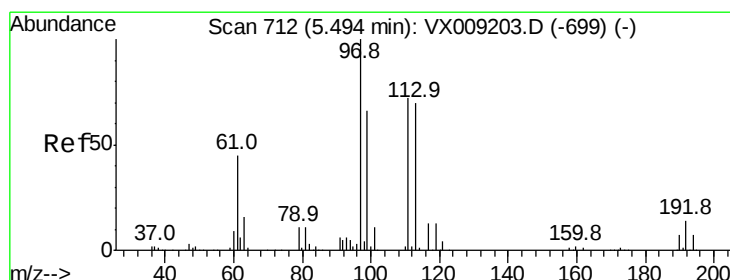
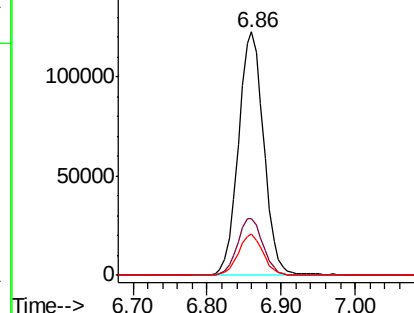
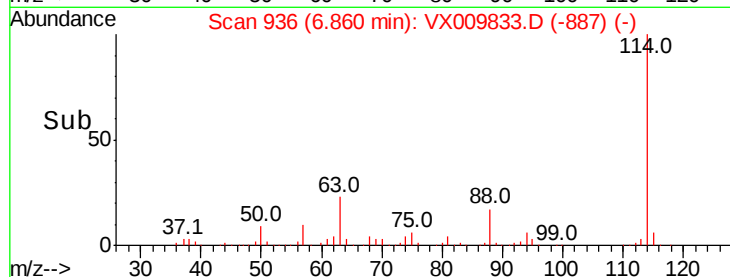
88 17.1 0.0 33.2



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: 47.938 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

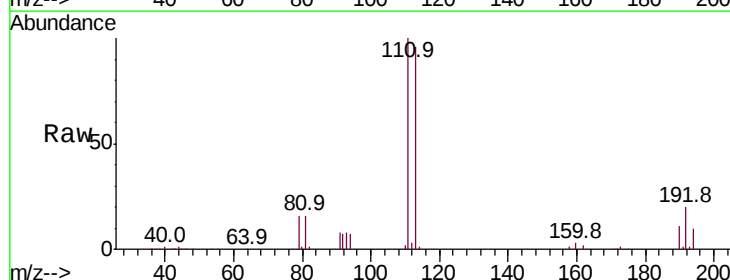
Tgt Ion:113 Resp: 88233

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

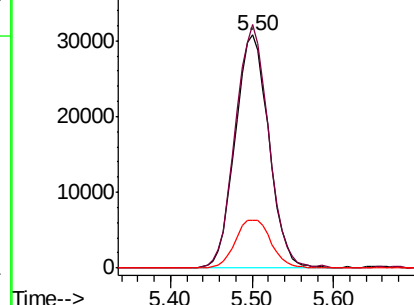
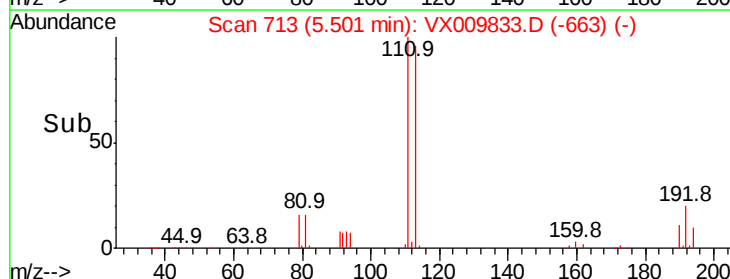
192 21.8 17.0 25.6

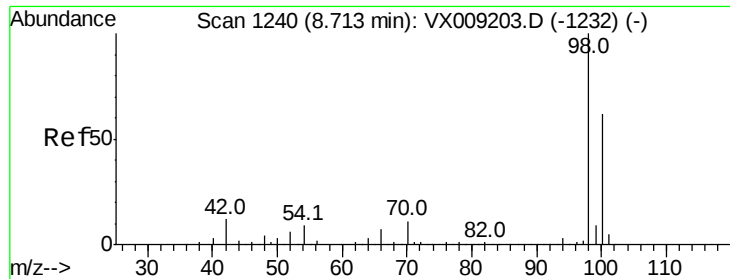


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.289 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

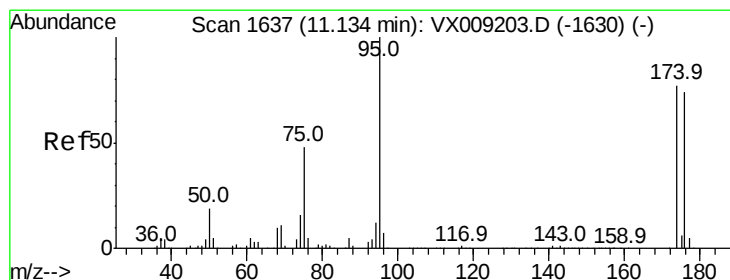
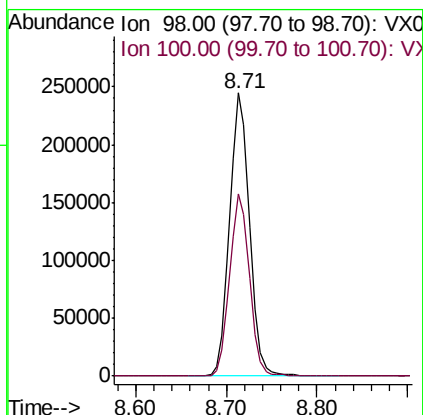
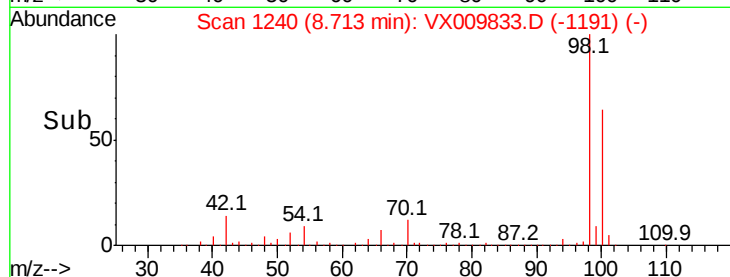
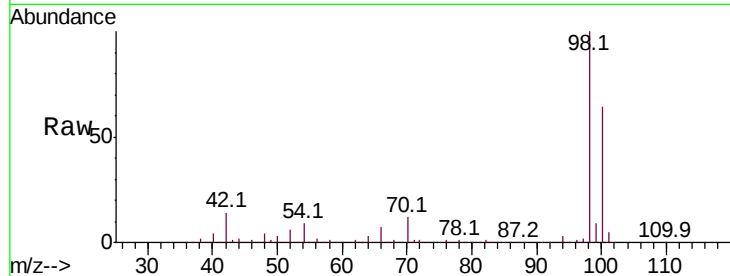
EP1-SB-MW-HR(17-20)

Tot Ion: 98 Resp: 373687

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 49.727 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

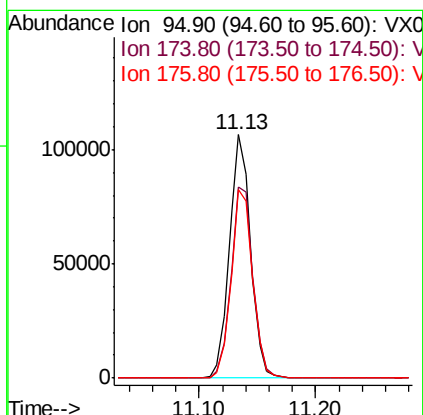
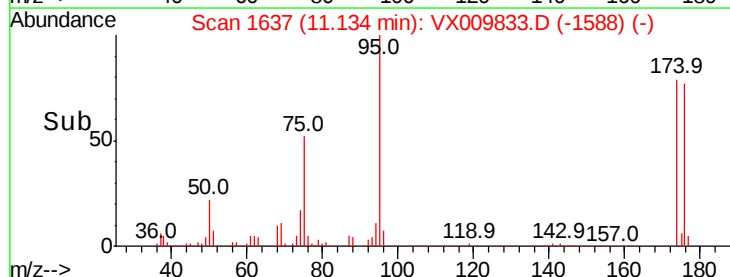
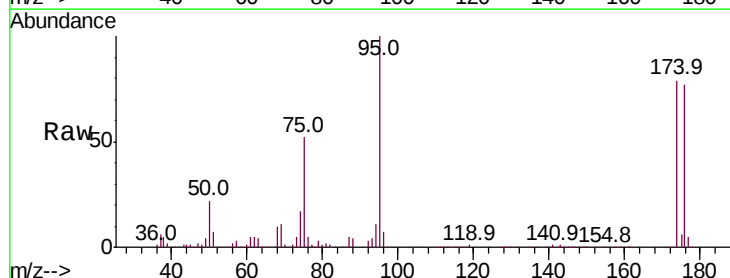
Tgt Ion: 95 Resp: 134266

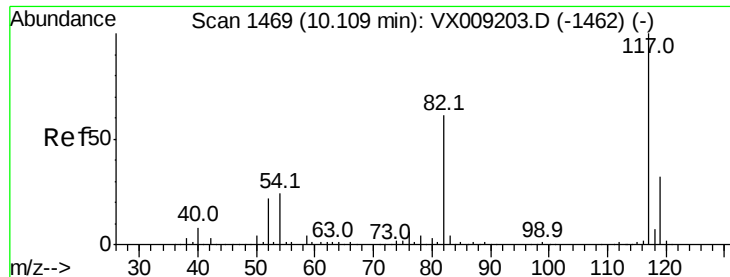
Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.6

176 79.0 0.0 159.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-HR(17-20)

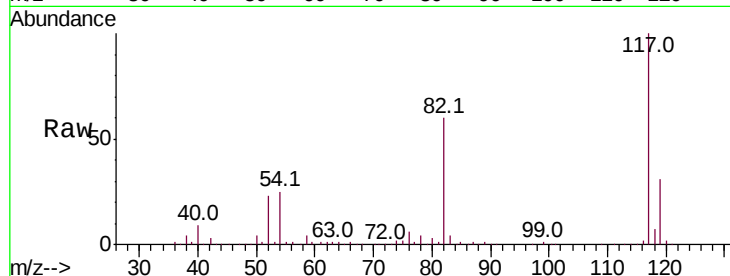
Tot Ion:117 Resp: 270584

Ion Ratio Lower Upper

117 100

82 60.4 48.8 73.2

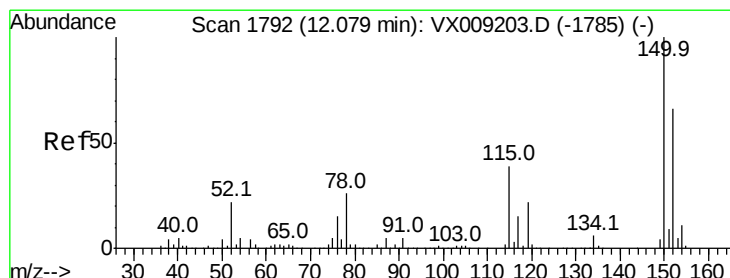
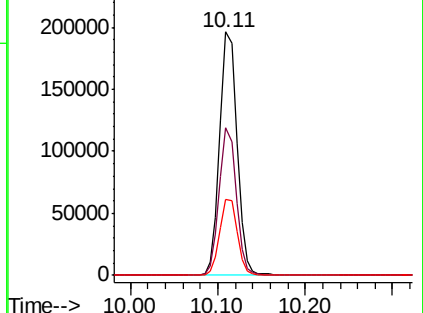
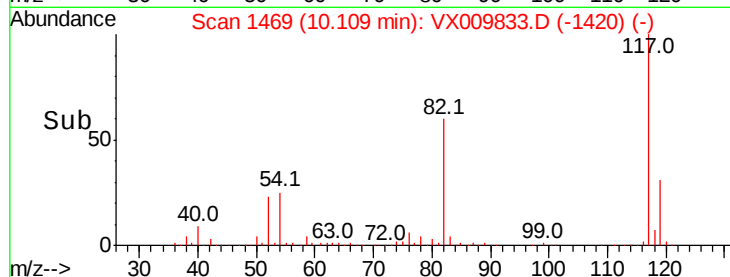
119 31.2 25.8 38.6



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: VX009833.D

Acq: 23 May 2019 03:38

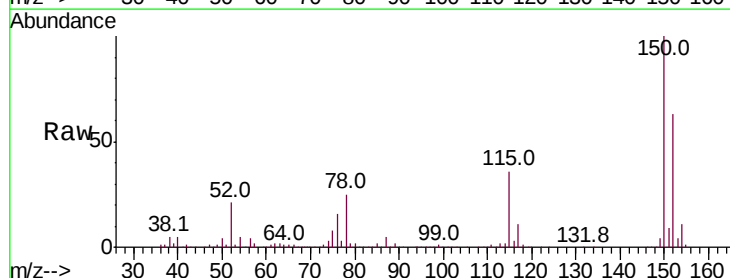
Tgt Ion:152 Resp: 132142

Ion Ratio Lower Upper

152 100

115 58.7 41.2 123.6

150 157.6 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

