

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009756.D
 Acq On : 21 May 2019 18:31
 Operator : JC/SP
 Sample : K2966-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 22 08:08:42 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	170616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104139	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115997	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	5.50	113	85126	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	8.71	98	347521	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	115022	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	

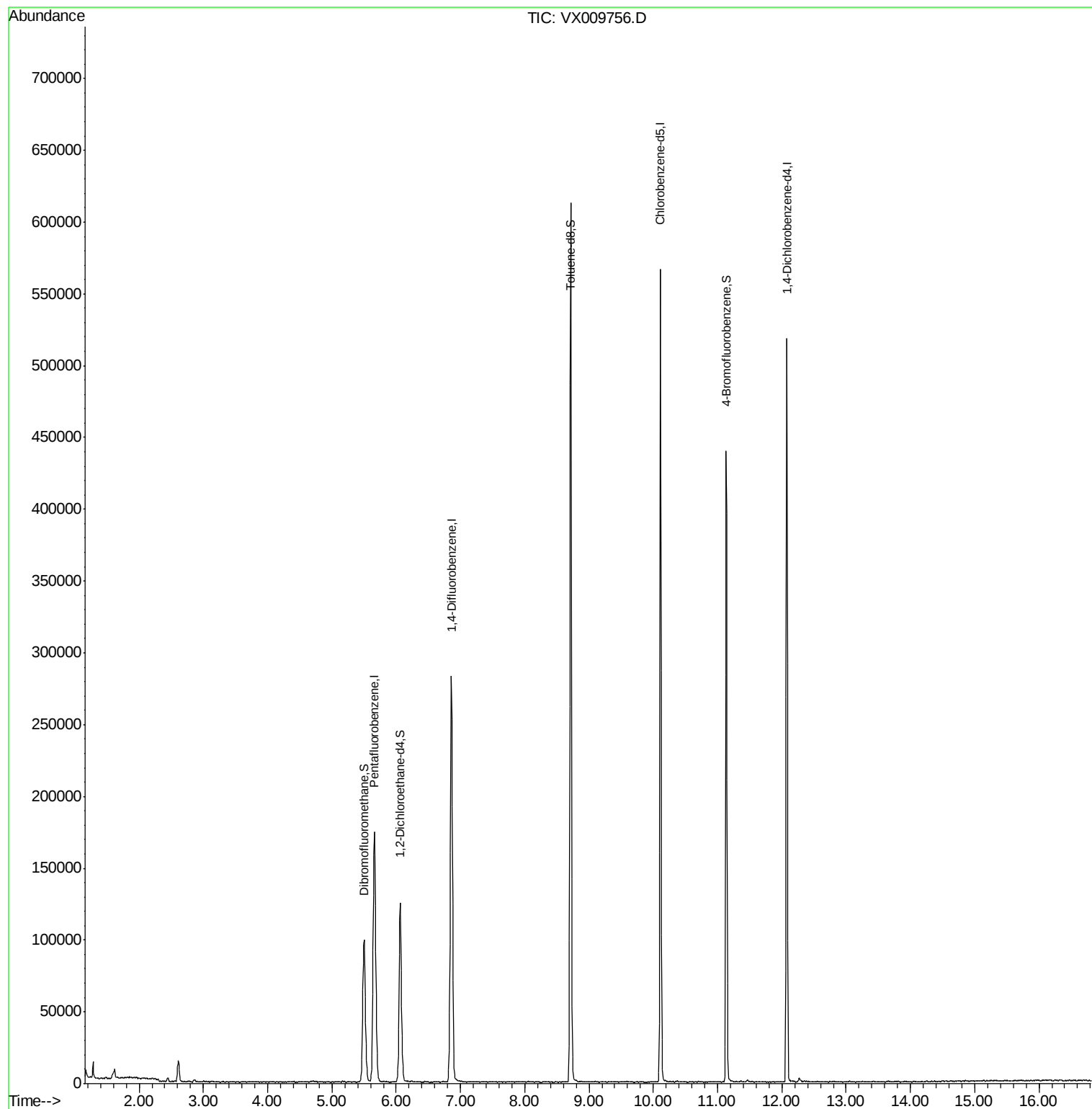
Target Compounds	Qvalue
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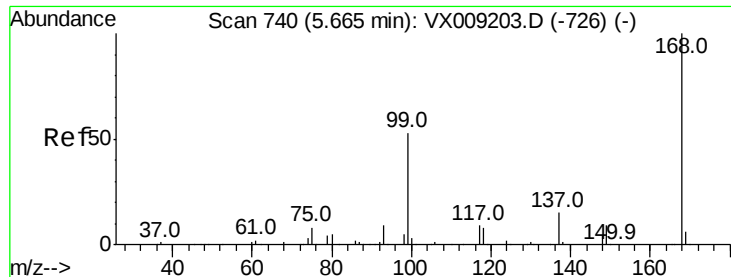
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009756.D

Acq: 21 May 2019 18:31

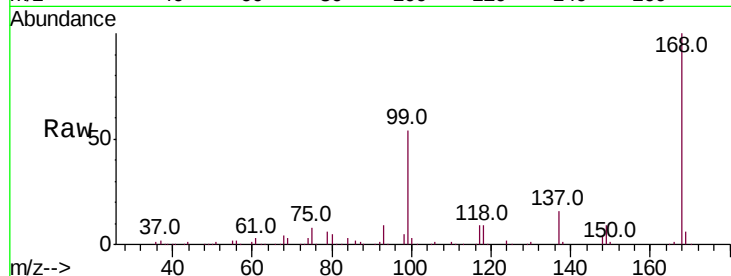
Instrument :
MSVOA_X
ClientSampleId :
TB

Tot Ion:168 Resp: 170616

Ion Ratio Lower Upper

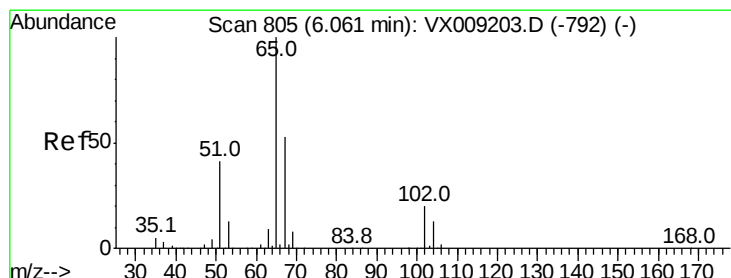
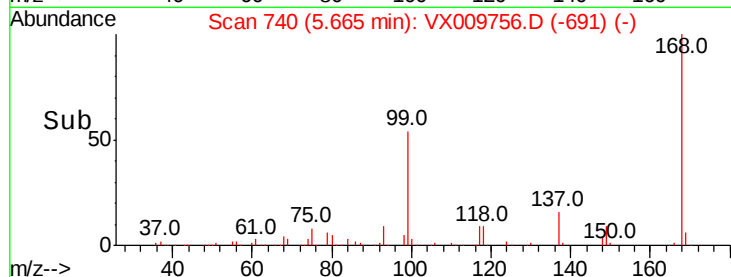
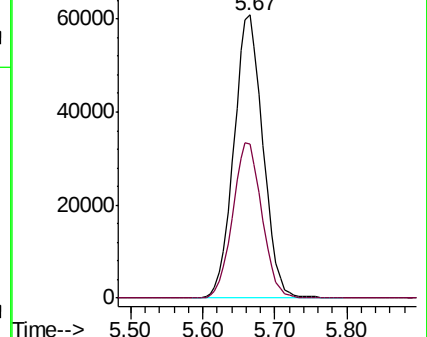
168 100

99 54.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.803 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009756.D

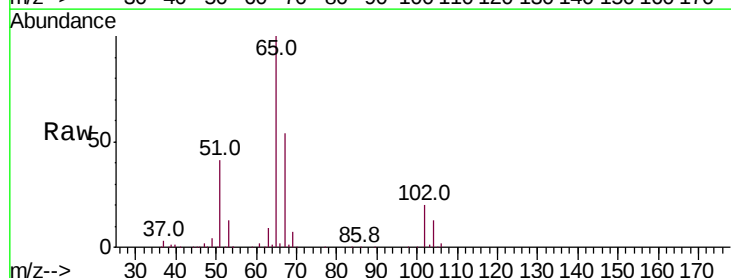
Acq: 21 May 2019 18:31

Tgt Ion: 65 Resp: 115997

Ion Ratio Lower Upper

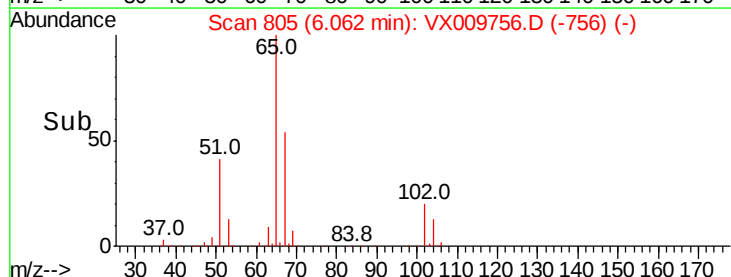
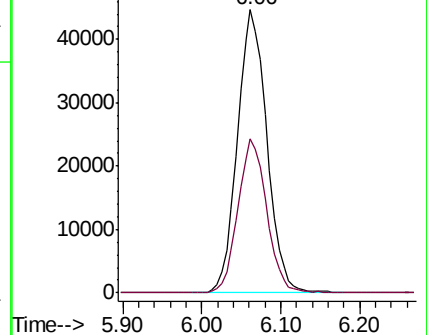
65 100

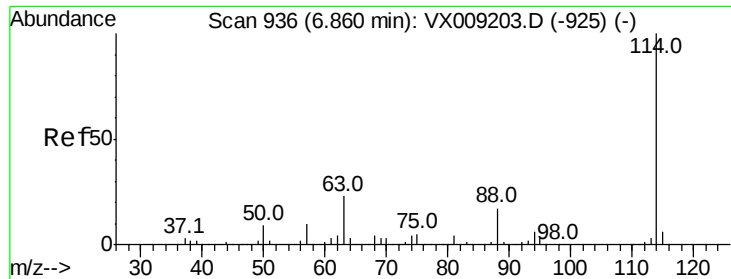
67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009756.D

Acq: 21 May 2019 18:31

Instrument :

MSVOA_X

ClientSampleId :

TB

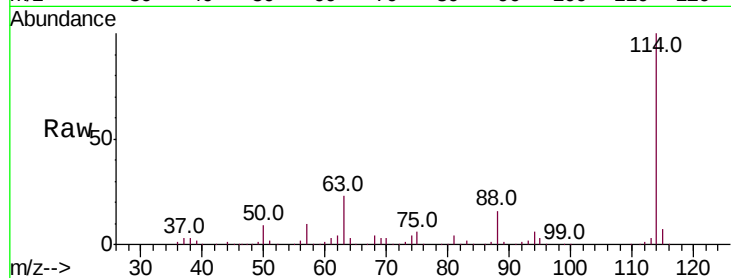
Tot Ion:114 Resp: 274723

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

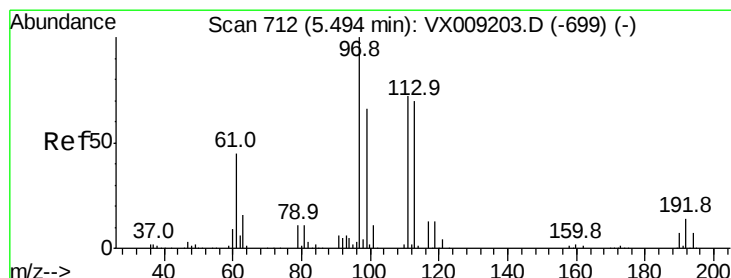
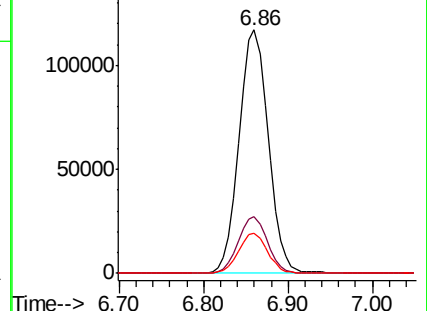
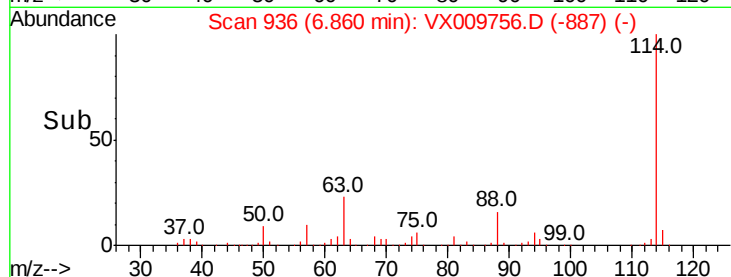
88 16.3 0.0 33.2



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: 49.291 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009756.D

Acq: 21 May 2019 18:31

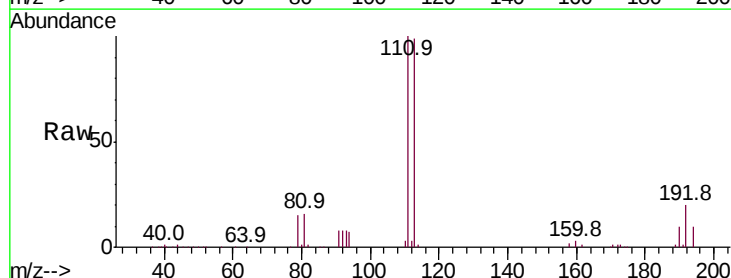
Tgt Ion:113 Resp: 85126

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

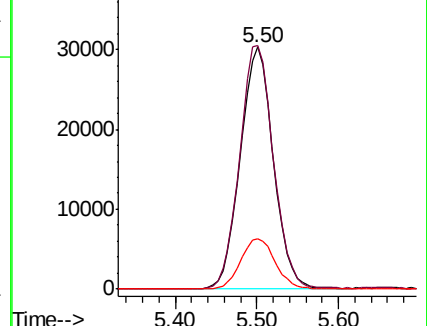
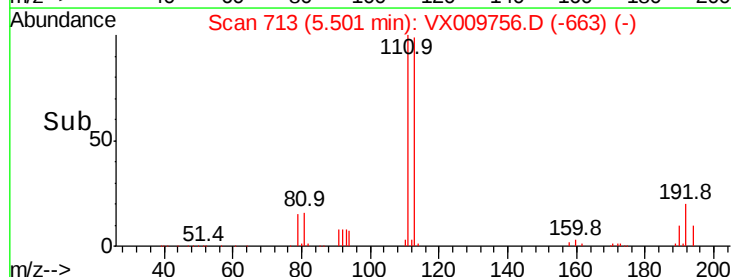
192 21.6 17.0 25.6

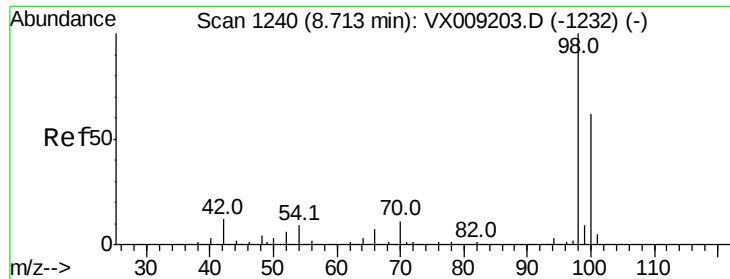


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.842 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009756.D

Acq: 21 May 2019 18:31

Instrument :

MSVOA_X

ClientSampled :

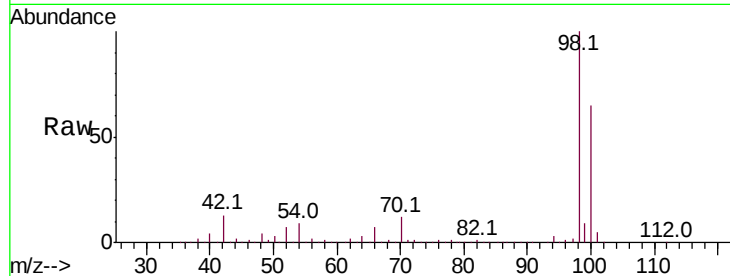
TB

Tot Ion: 98 Resp: 347521

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>

250000

200000

150000

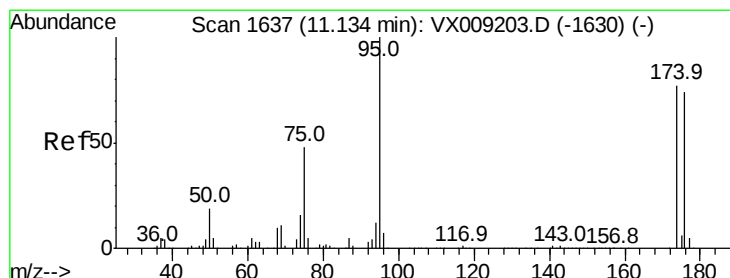
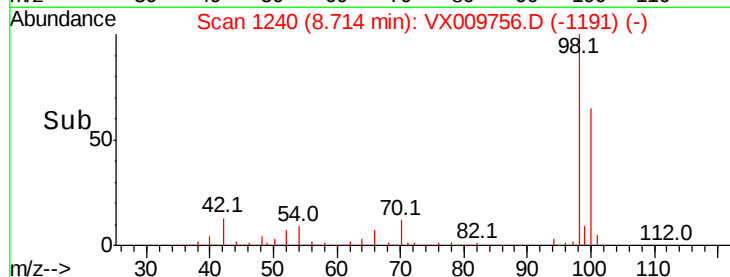
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 45.400 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009756.D

Acq: 21 May 2019 18:31

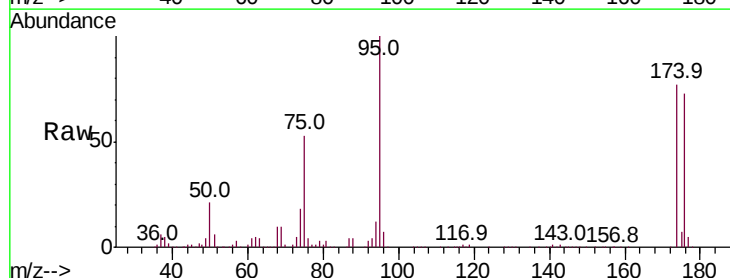
Tgt Ion: 95 Resp: 115022

Ion Ratio Lower Upper

95 100

174 81.8 0.0 161.6

176 78.6 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

120000

100000

80000

60000

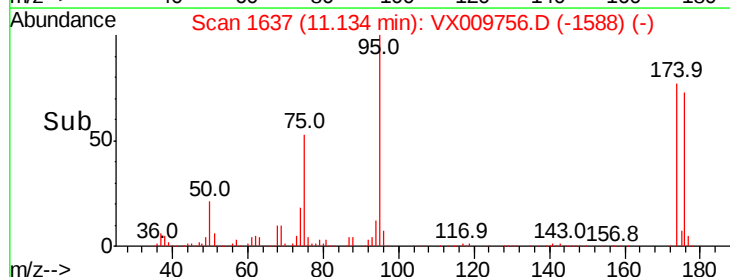
40000

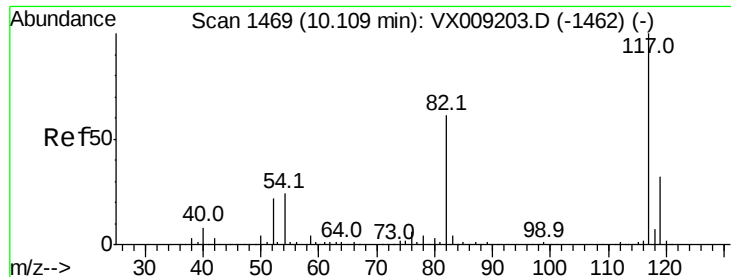
20000

0

11.10 11.20

Time-->

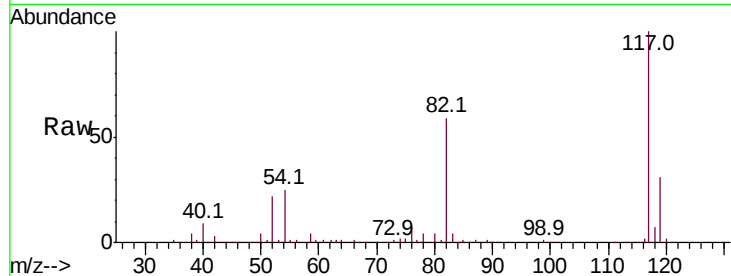




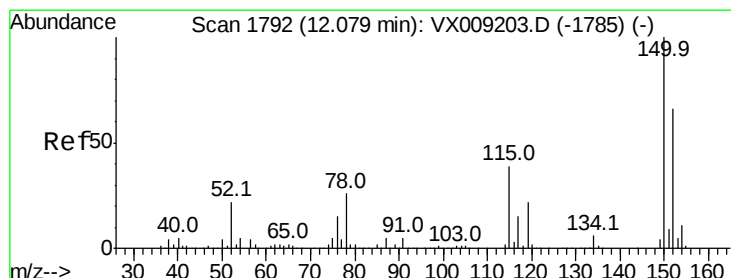
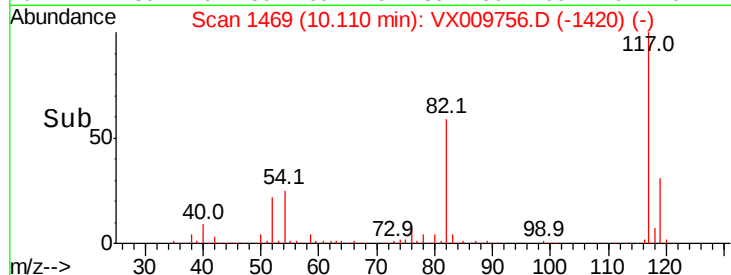
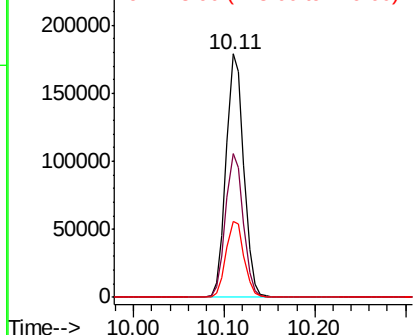
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009756.D
Acq: 21 May 2019 18:31

Instrument :
MSVOA_X
ClientSampled :
TB

Tot Ion:117 Resp: 243423
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 31.4 25.8 38.6

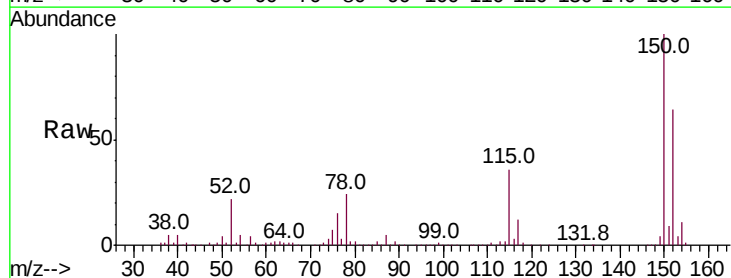


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009756.D
Acq: 21 May 2019 18:31

Tgt Ion:152 Resp: 104139
Ion Ratio Lower Upper
152 100
115 58.6 41.2 123.6
150 157.8 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

