

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008756.D
 Acq On : 08 Apr 2019 19:33
 Operator : JC/SP
 Sample : K2337-01 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS040819

Quant Time: Apr 09 09:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	183235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	258697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107639	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	125833	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
35) Dibromofluoromethane	5.50	113	92926	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
50) Toluene-d8	8.71	98	376620	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.14	95	123331	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	

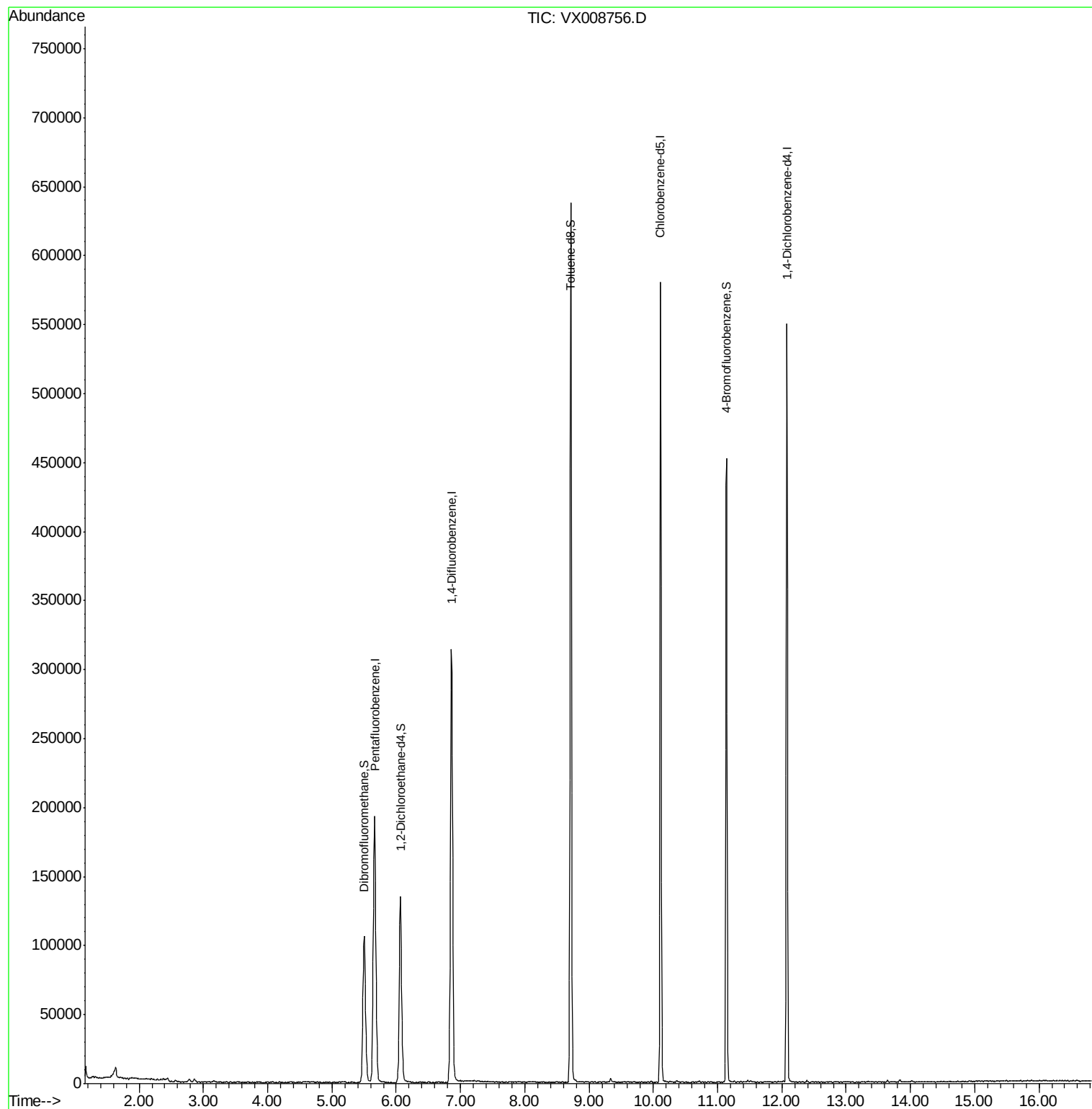
Target Compounds	Qvalue
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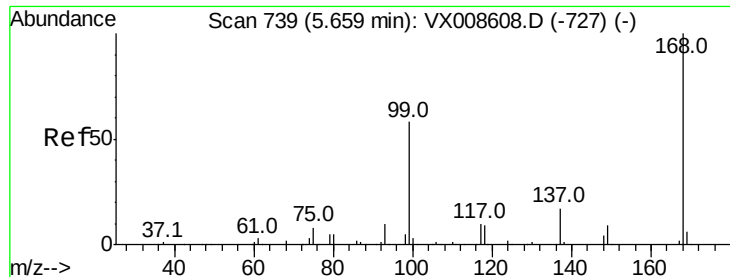
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008756.D

Acq: 08 Apr 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

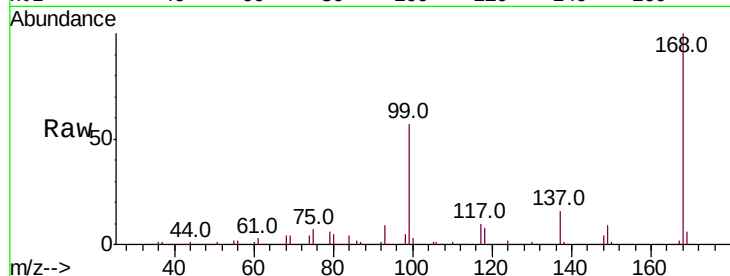
WS040819

Tot Ion:168 Resp: 183235

Ion Ratio Lower Upper

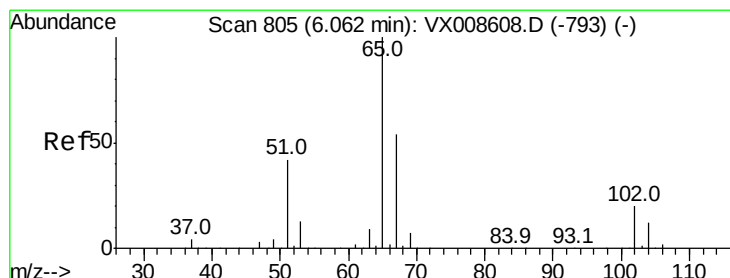
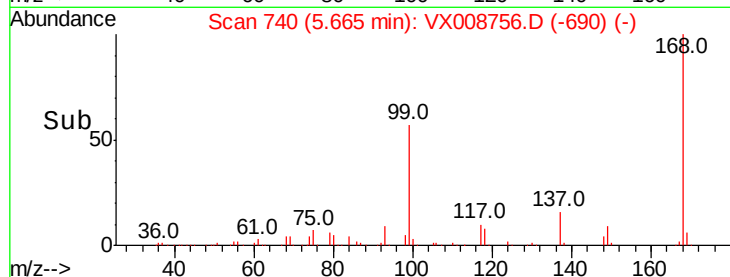
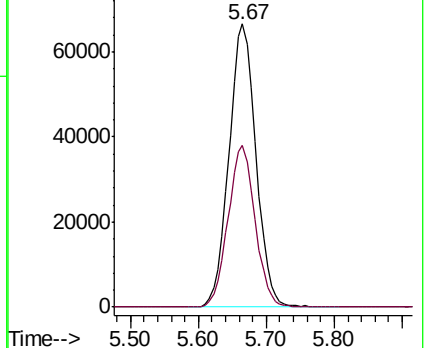
168 100

99 57.1 46.7 70.1



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: 47.083 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX008756.D

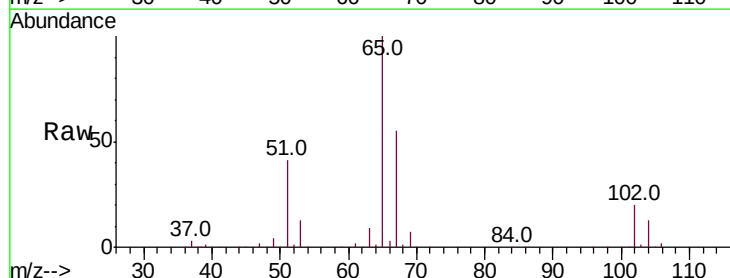
Acq: 08 Apr 2019 19:33

Tgt Ion: 65 Resp: 125833

Ion Ratio Lower Upper

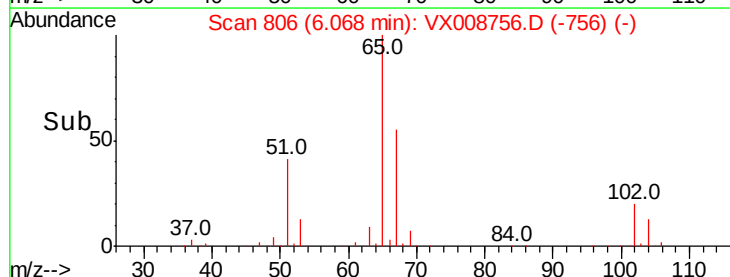
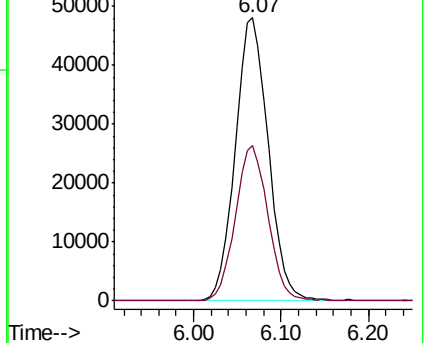
65 100

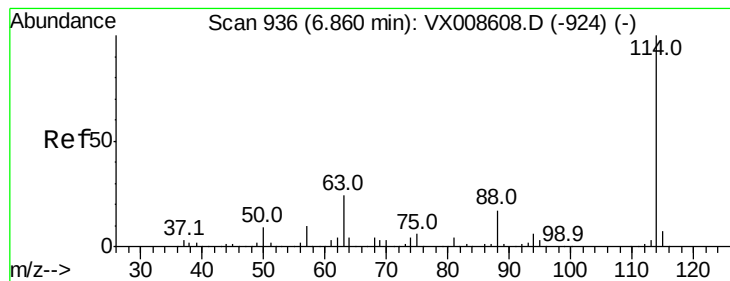
67 54.5 0.0 107.2



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: VX008756.D

Acq: 08 Apr 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

WS040819

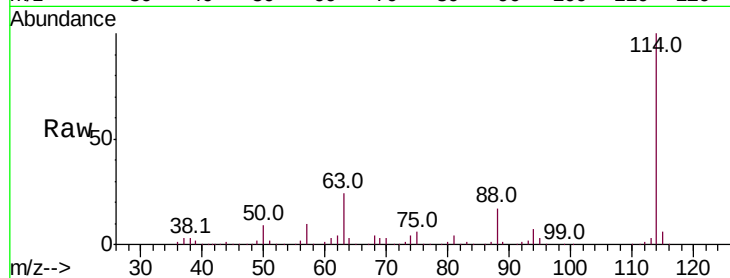
Tot Ion:114 Resp: 304166

Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.2

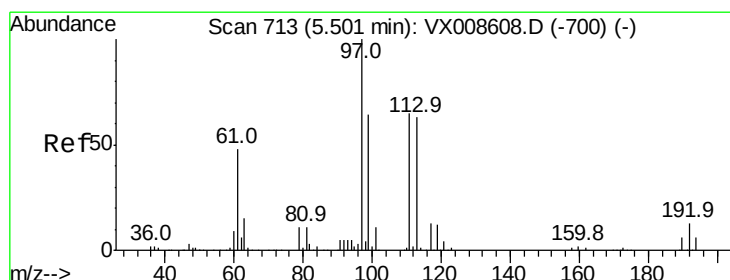
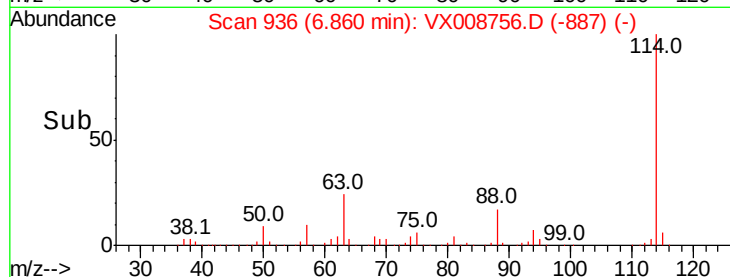
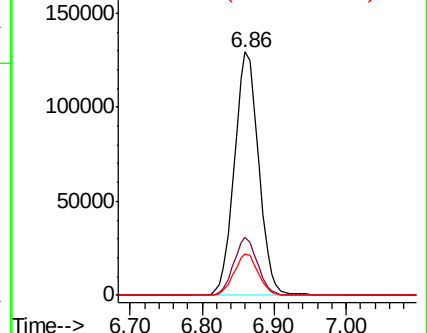
88 17.0 0.0 34.0



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



#35

Dibromofluoromethane

Concen: 47.784 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008756.D

Acq: 08 Apr 2019 19:33

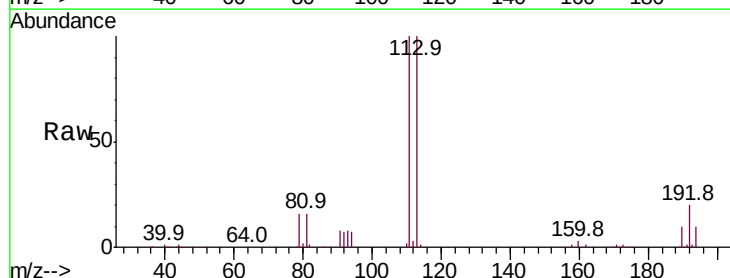
Tgt Ion:113 Resp: 92926

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

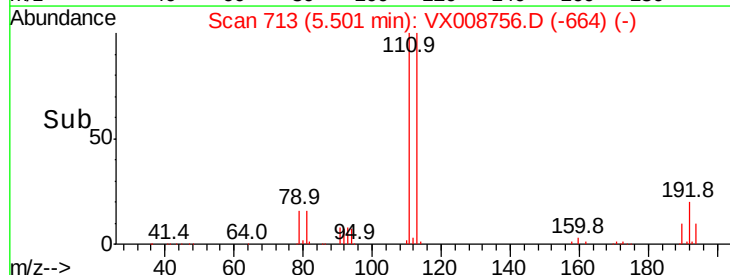
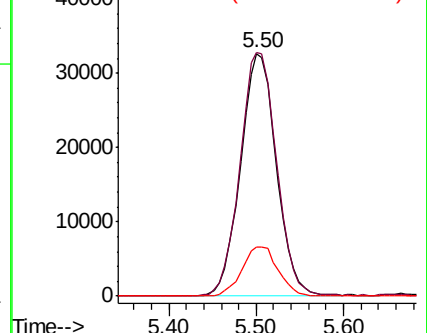
192 20.6 16.1 24.1

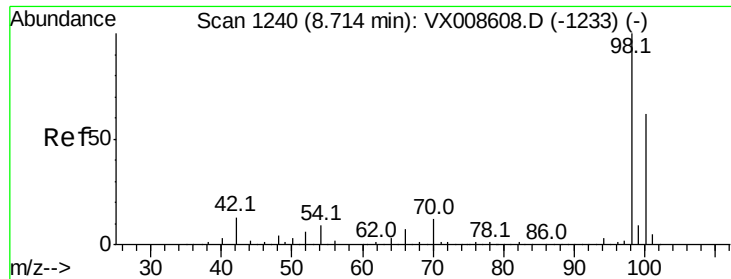


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.638 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008756.D

Acq: 08 Apr 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

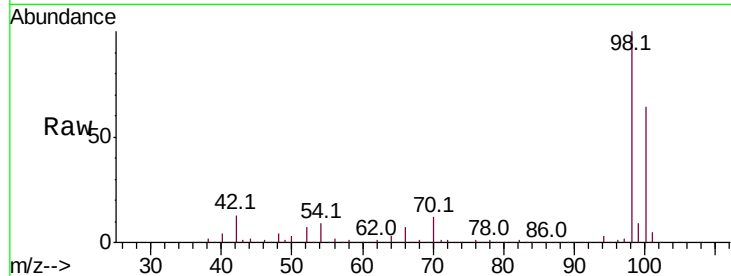
WS040819

Tot Ion: 98 Resp: 376620

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

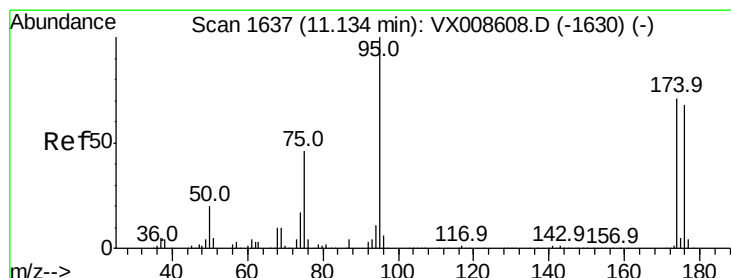
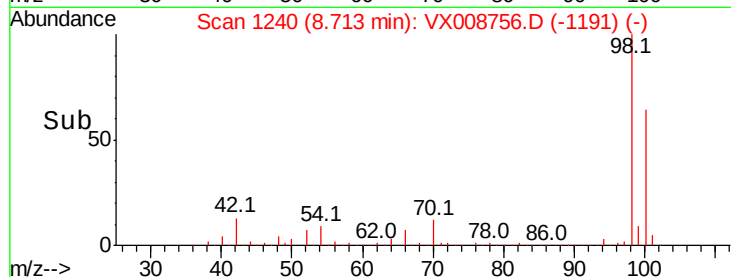
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.914 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008756.D

Acq: 08 Apr 2019 19:33

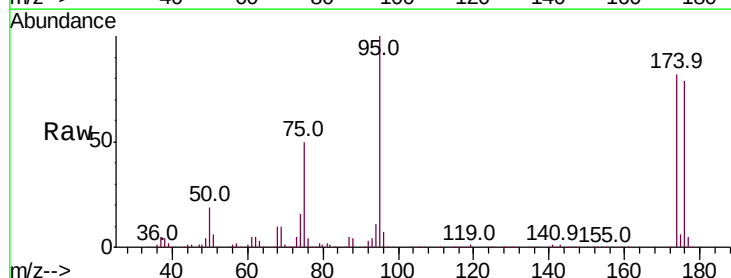
Tgt Ion: 95 Resp: 123331

Ion Ratio Lower Upper

95 100

174 76.9 0.0 151.8

176 75.0 0.0 145.8



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

11.14

120000

100000

80000

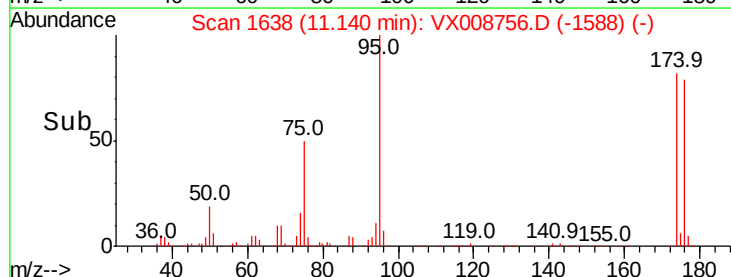
60000

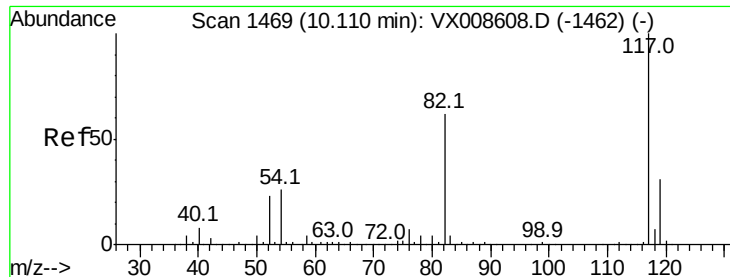
40000

20000

0

Time--> 11.10 11.20

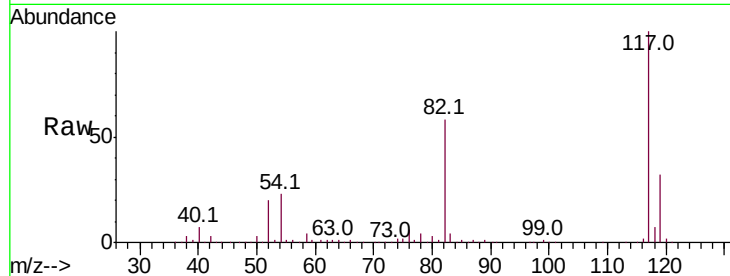




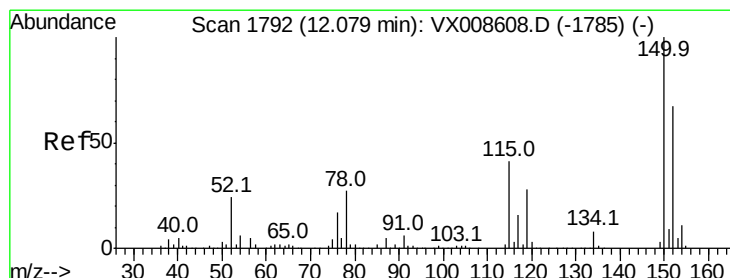
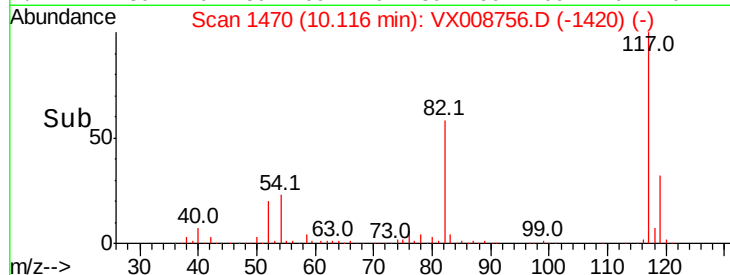
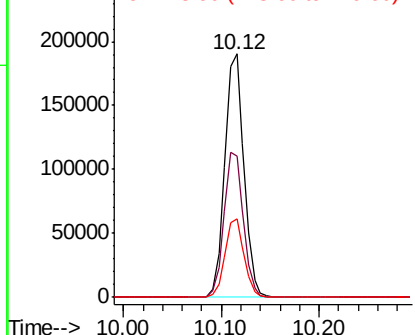
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008756.D
Acq: 08 Apr 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
WS040819

Tot Ion:117 Resp: 258697
Ion Ratio Lower Upper
117 100
82 57.9 49.6 74.4
119 32.2 25.0 37.4

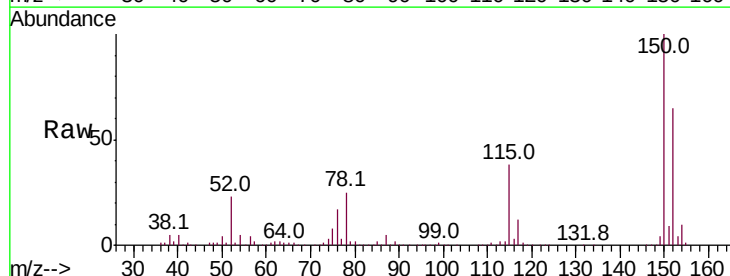


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008756.D
Acq: 08 Apr 2019 19:33

Tgt Ion:152 Resp: 107639
Ion Ratio Lower Upper
152 100
115 59.8 43.5 130.5
150 156.8 0.0 348.8



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

