

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010099.D
 Acq On : 06 Jun 2019 01:02
 Operator : JC/SP
 Sample : K3203-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB10-190604

Quant Time: Jun 06 07:42:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117043	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
35) Dibromofluoromethane	5.50	113	85793	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	8.71	98	359115	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	121322	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	

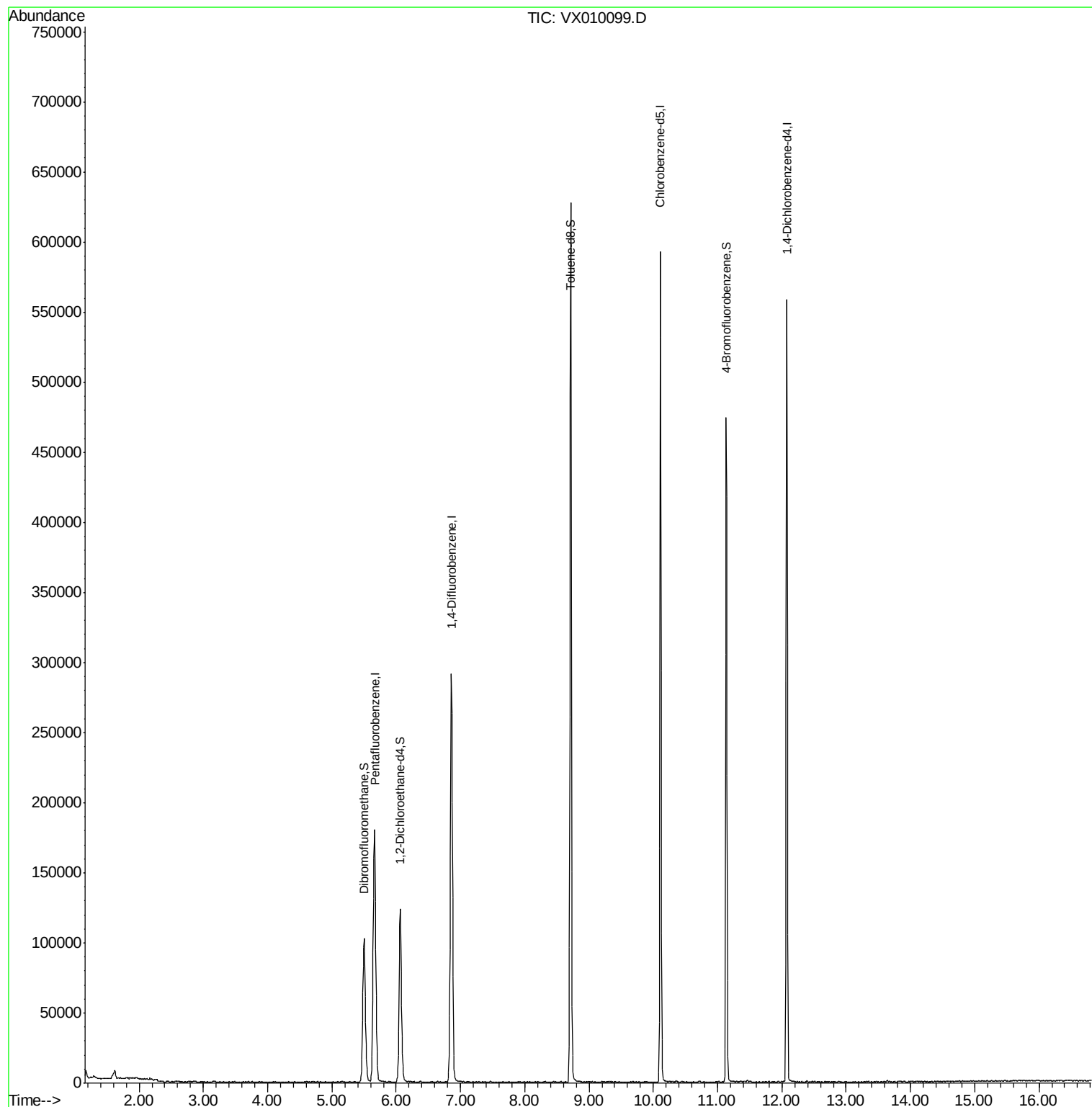
Target Compounds	Qvalue
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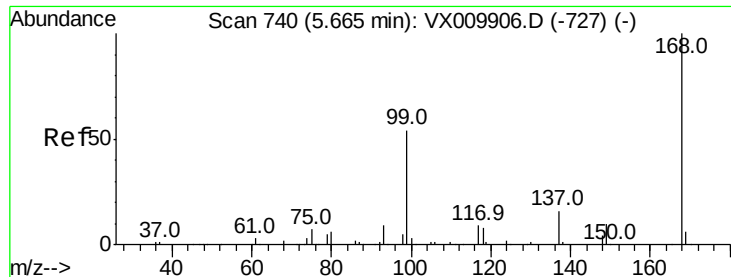
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010099.D

Acq: 06 Jun 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

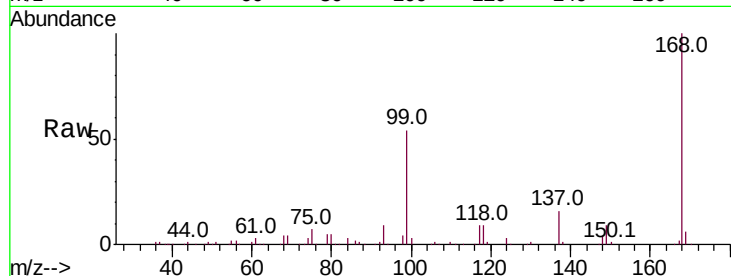
Z1-TB10-190604

Tot Ion:168 Resp: 176287

Ion Ratio Lower Upper

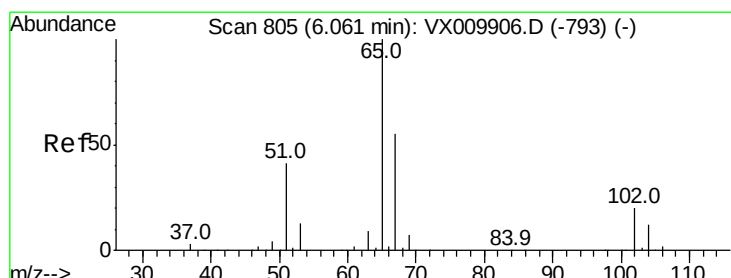
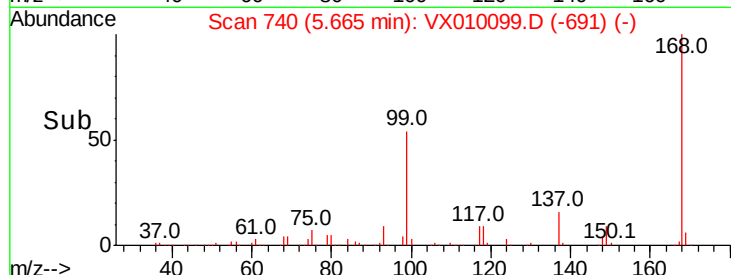
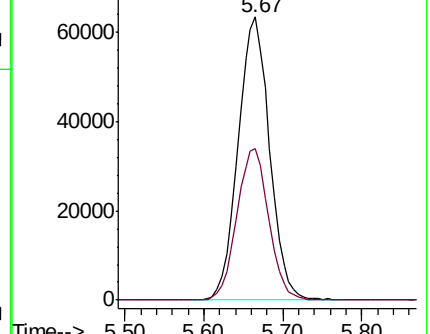
168 100

99 53.6 43.0 64.6



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: 47.001 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010099.D

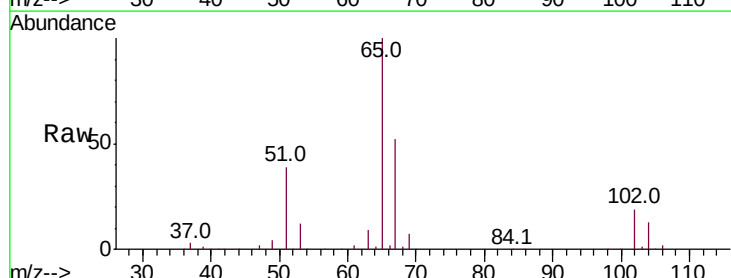
Acq: 06 Jun 2019 01:02

Tgt Ion: 65 Resp: 117043

Ion Ratio Lower Upper

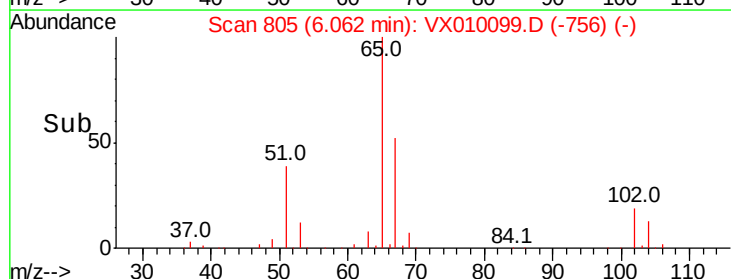
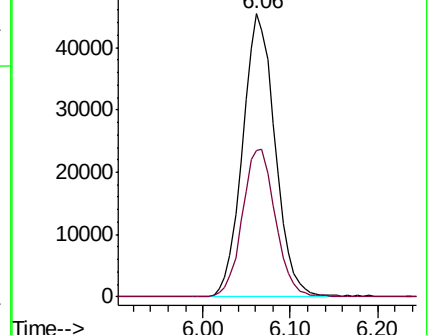
65 100

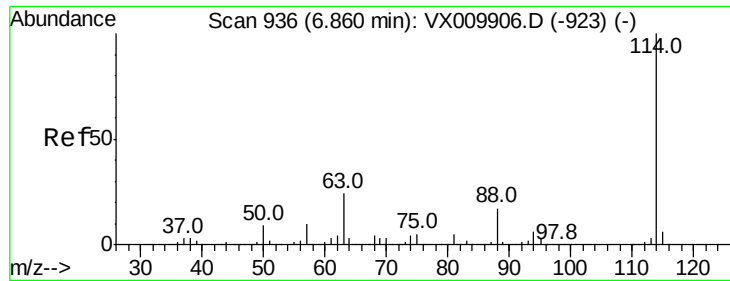
67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

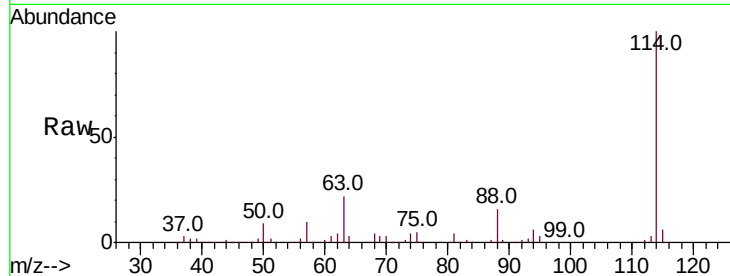




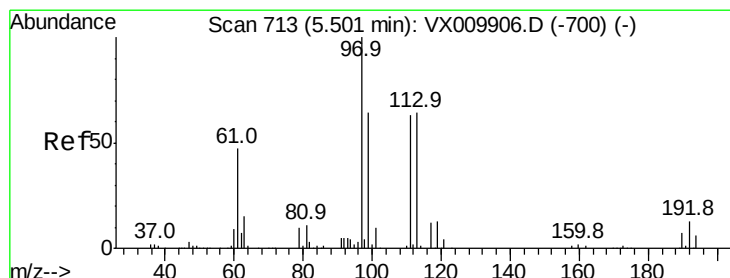
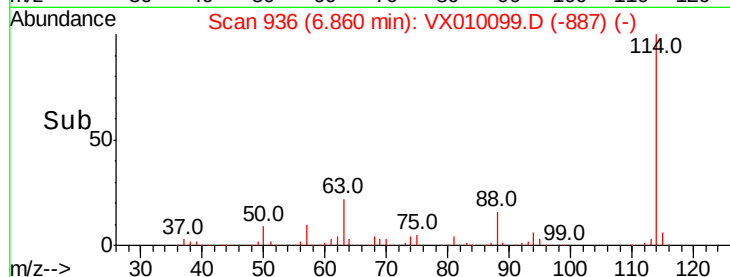
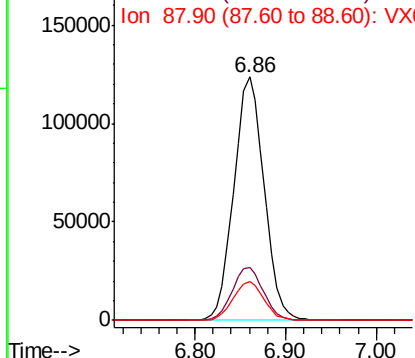
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010099.D
 Acq: 06 Jun 2019 01:02

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB10-190604

Tot Ion:114 Resp: 285890
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 47.4
 88 16.2 0.0 33.0

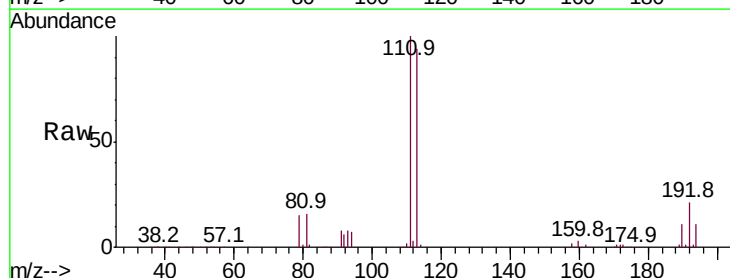


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

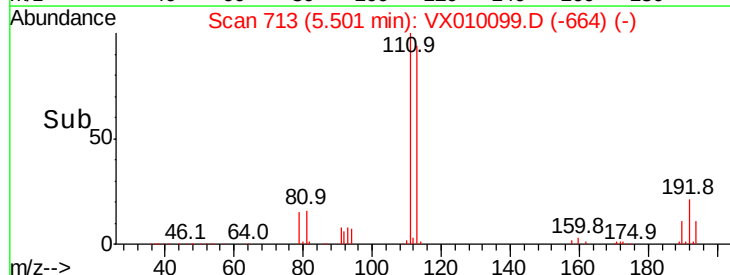
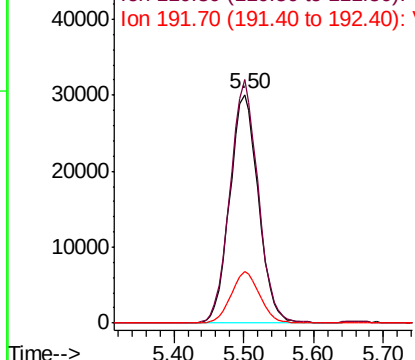


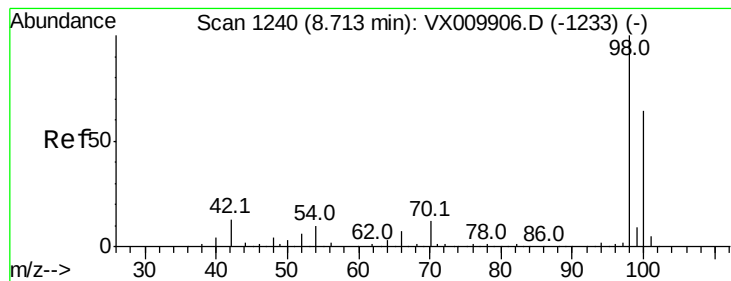
#35
 Dibromofluoromethane
 Concen: 47.732 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010099.D
 Acq: 06 Jun 2019 01:02

Tgt Ion:113 Resp: 85793
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.2 123.2
 192 22.3 17.1 25.7



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: 49.202 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010099.D

Acq: 06 Jun 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

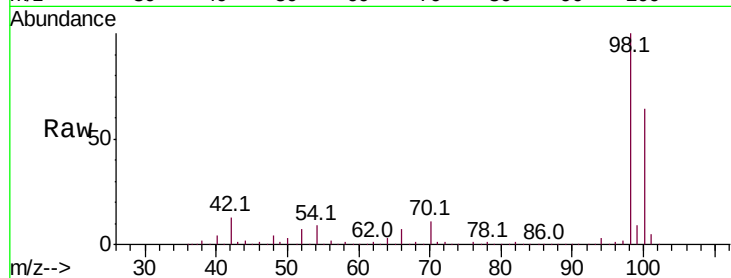
Z1-TB10-190604

Tot Ion: 98 Resp: 359115

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

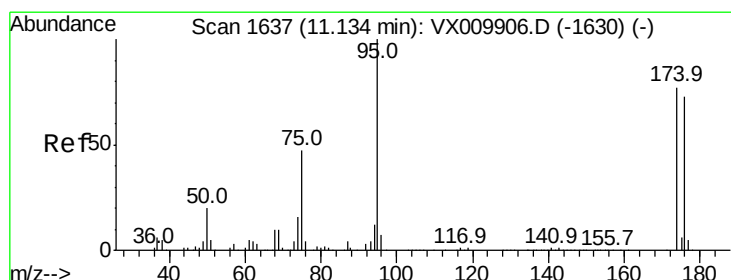
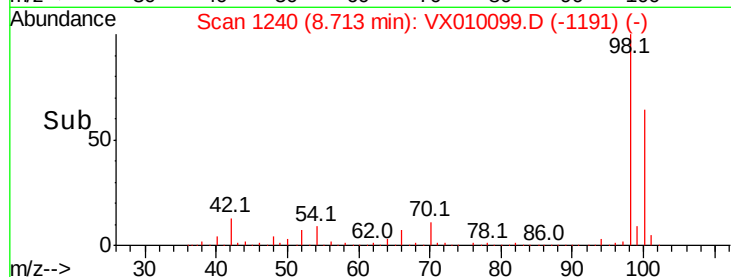
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.278 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010099.D

Acq: 06 Jun 2019 01:02

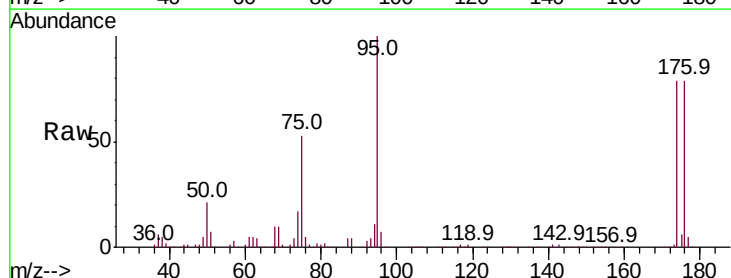
Tgt Ion: 95 Resp: 121322

Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.4

176 82.3 0.0 154.6



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

11.13

120000

100000

80000

60000

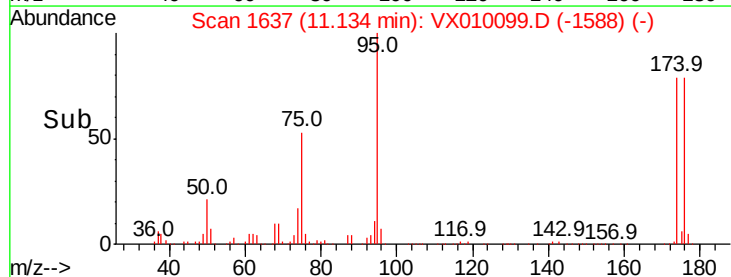
40000

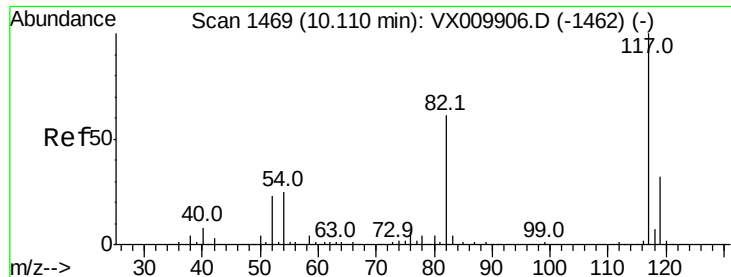
20000

0

Time-->

11.10 11.20

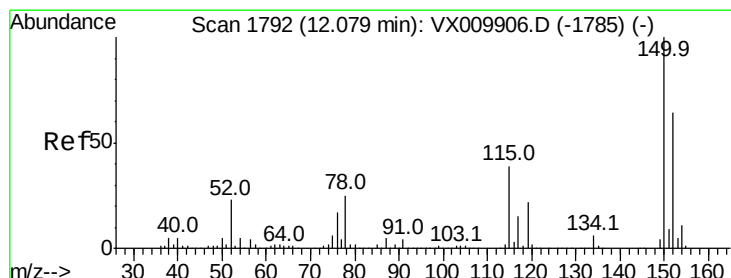
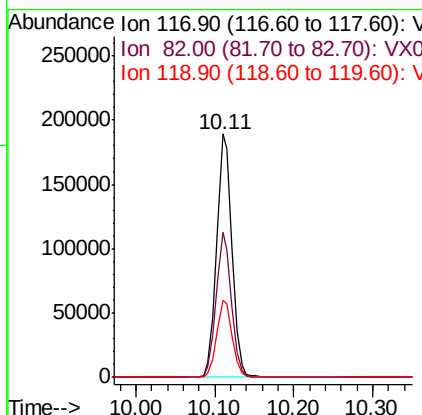
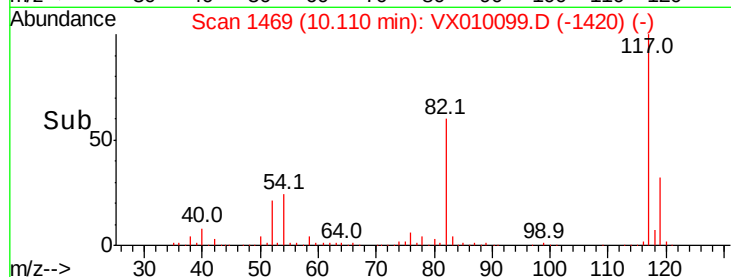
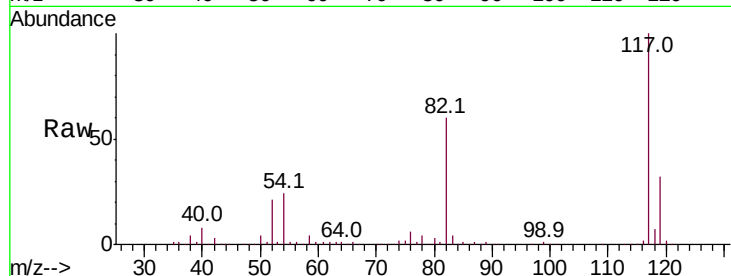




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB10-190604

Tot Ion:117 Resp: 257147
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010099.D
Acq: 06 Jun 2019 01:02

Tgt Ion:152 Resp: 115204
Ion Ratio Lower Upper
152 100
115 57.9 41.4 124.2
150 155.8 0.0 345.2

