

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO060519\
 Data File : VX010082.D
 Acq On : 05 Jun 2019 17:15
 Operator : JC/SP
 Sample : K3190-14 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20190604

Quant Time: Jun 06 07:10:26 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	5.66	168	167421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109154	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110937	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	5.50	113	81179	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.71	98	341037	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	115596	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

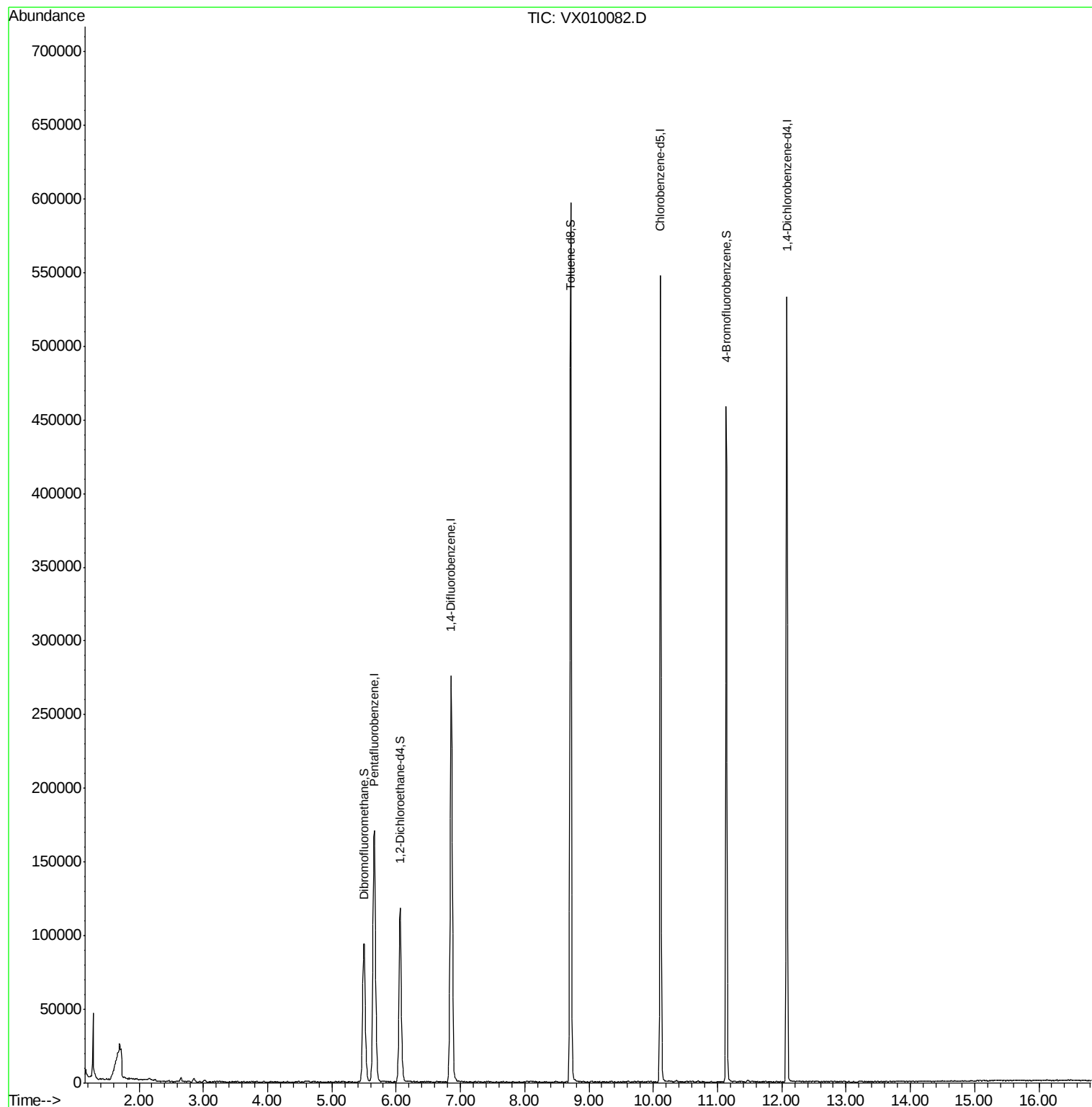
Target Compounds	Qvalue

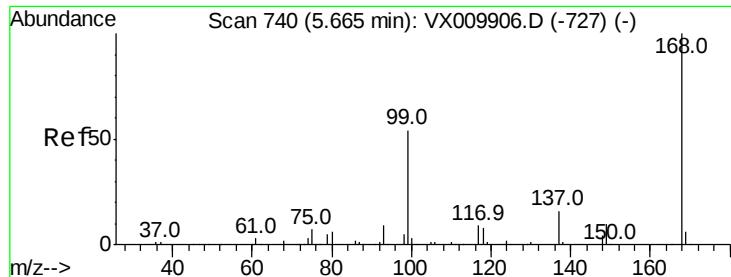
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 29 04:00:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010082.D

Acq: 05 Jun 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

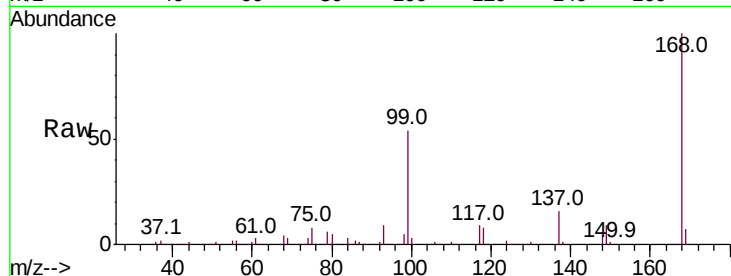
BPS1-TT-MW304D-20190604

Tot Ion:168 Resp: 167421

Ion Ratio Lower Upper

168 100

99 54.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

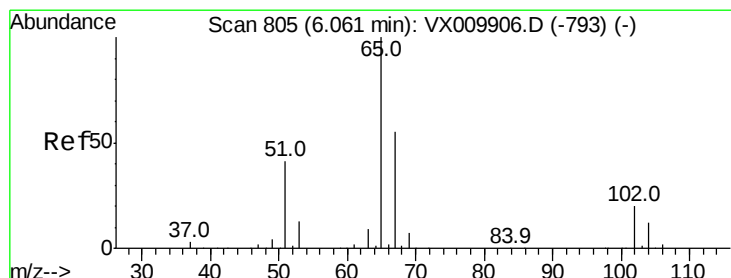
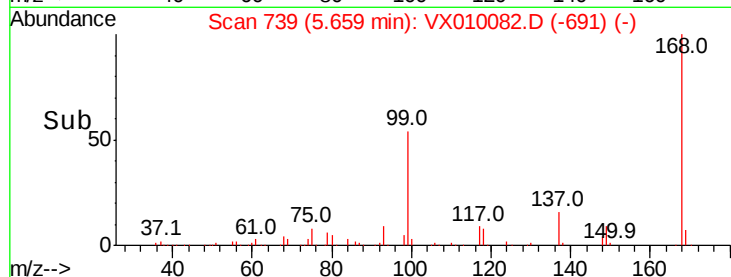
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.908 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010082.D

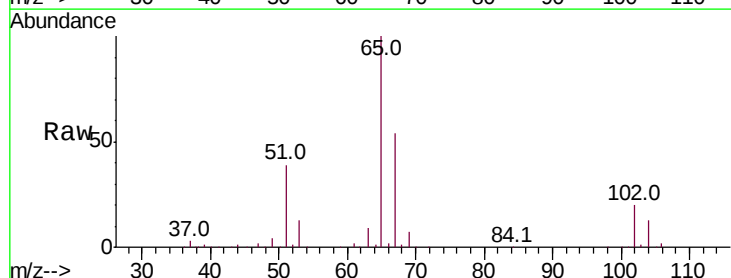
Acq: 05 Jun 2019 17:15

Tgt Ion: 65 Resp: 110937

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

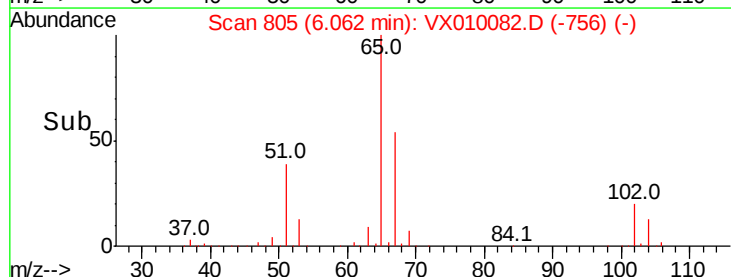
30000

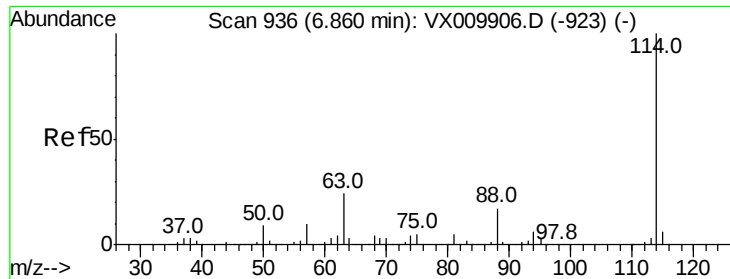
20000

10000

0

Time--> 5.90 6.00 6.10 6.20 6.30

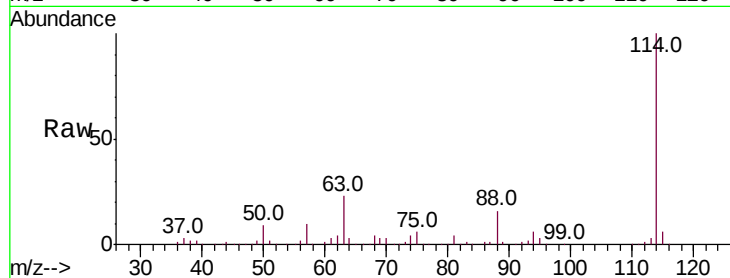




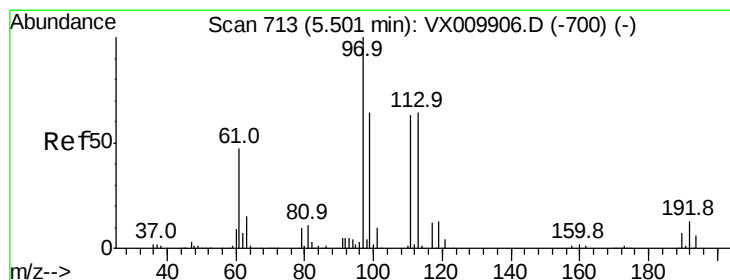
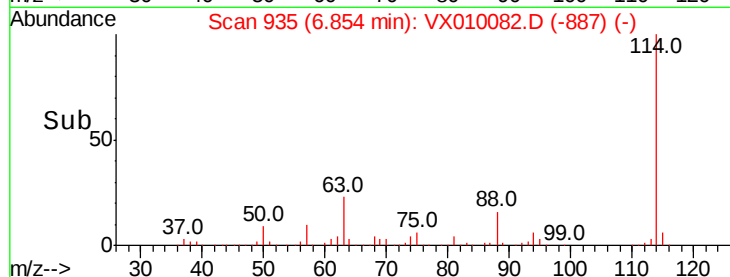
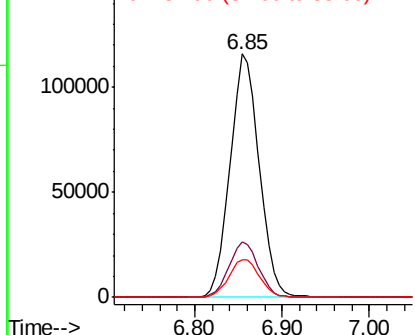
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010082.D
 Acq: 05 Jun 2019 17:15

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20190604

Tot Ion:114 Resp: 268782
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 15.6 0.0 33.0

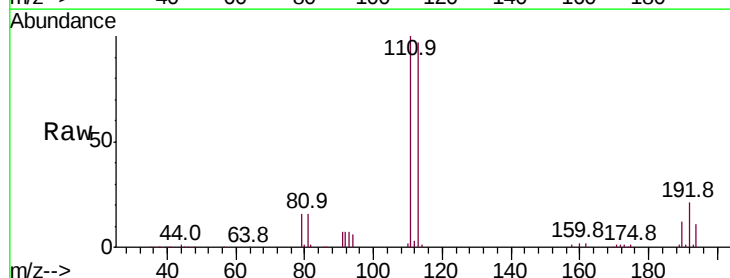


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

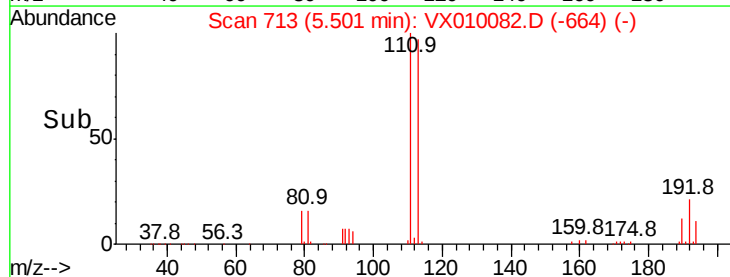
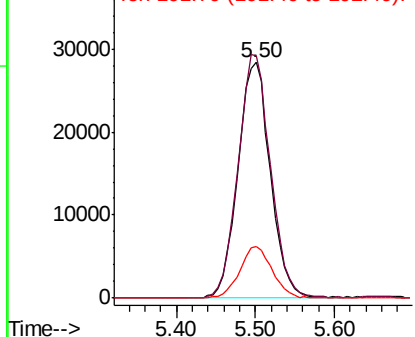


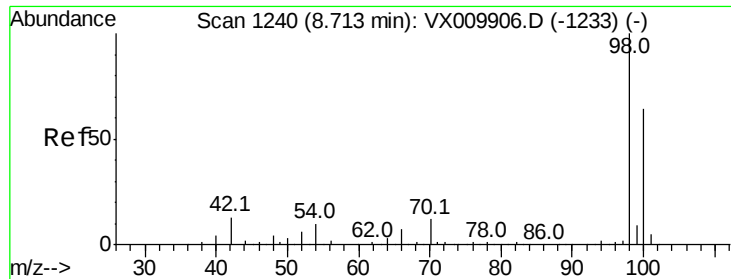
#35
 Dibromofluoromethane
 Concen: 48.039 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010082.D
 Acq: 05 Jun 2019 17:15

Tgt Ion:113 Resp: 81179
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.2
 192 21.8 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: 49.699 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010082.D

Acq: 05 Jun 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

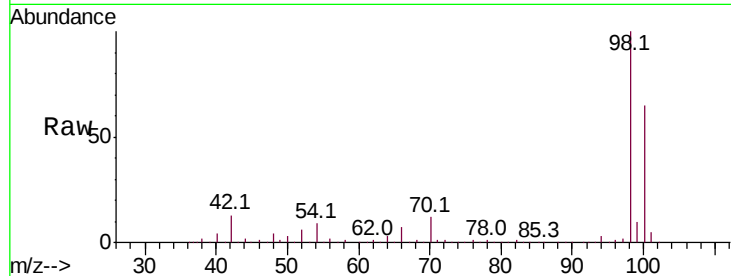
BPS1-TT-MW304D-20190604

Tot Ion: 98 Resp: 341037

Ion Ratio Lower Upper

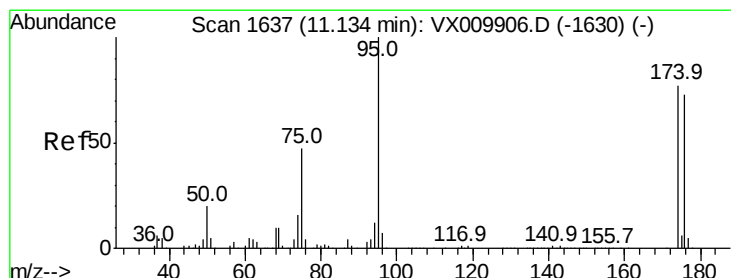
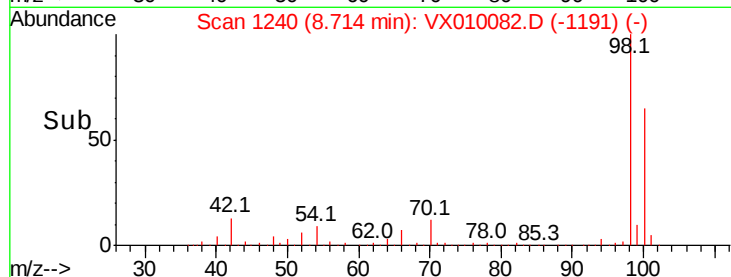
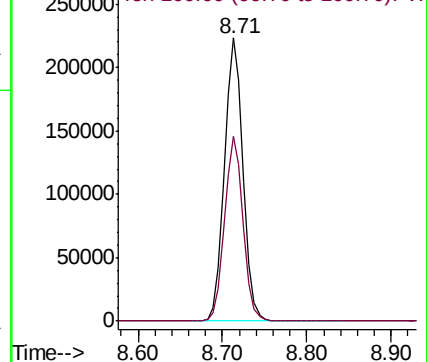
98 100

100 64.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.900 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010082.D

Acq: 05 Jun 2019 17:15

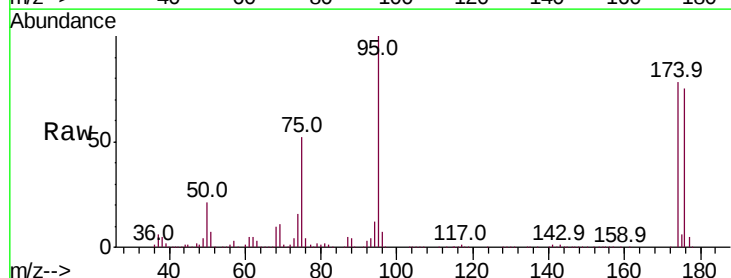
Tgt Ion: 95 Resp: 115596

Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.4

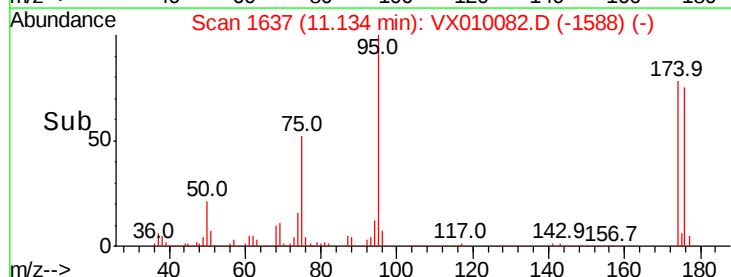
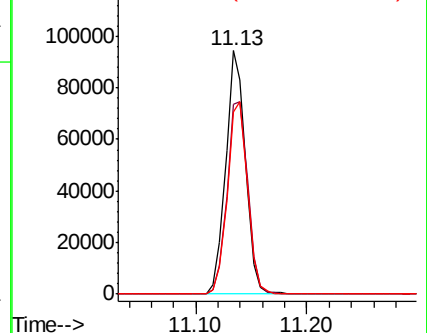
176 80.8 0.0 154.6

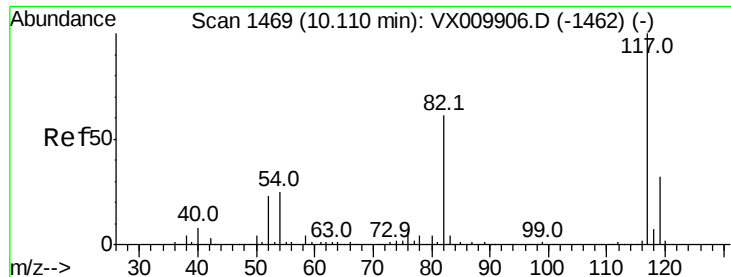


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

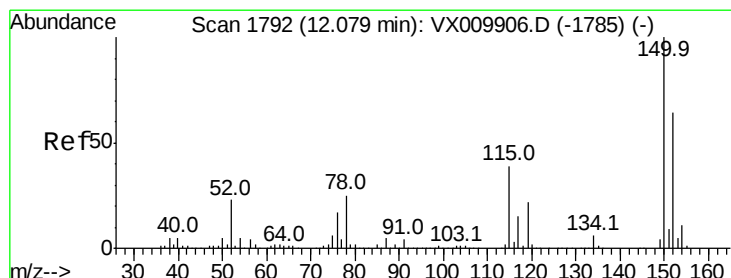
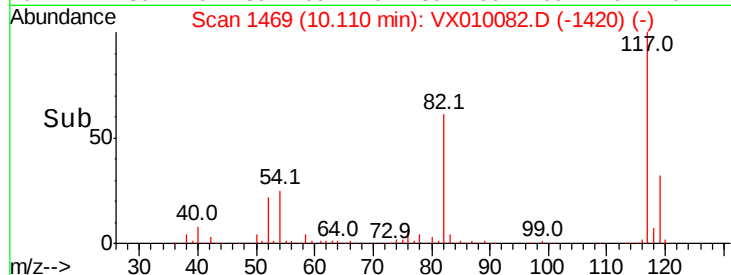
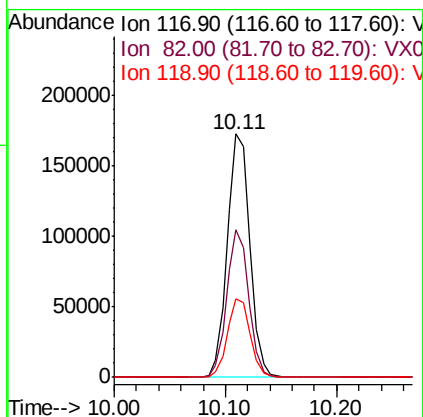
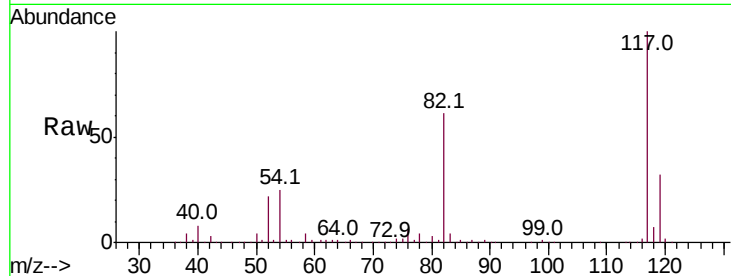




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010082.D
Acq: 05 Jun 2019 17:15

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190604

Tot Ion:117 Resp: 242221
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 32.4 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: VX010082.D
Acq: 05 Jun 2019 17:15

Tgt Ion:152 Resp: 109154
Ion Ratio Lower Upper
152 100
115 59.6 41.4 124.2
150 157.6 0.0 345.2

