

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060519\
 Data File : VX010080.D
 Acq On : 05 Jun 2019 16:28
 Operator : JC/SP
 Sample : K3190-12 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307D-20190604

Quant Time: Jun 06 07:06:21 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	170513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112369	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	111645	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
35) Dibromofluoromethane	5.50	113	82760	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	8.71	98	346570	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	117495	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	

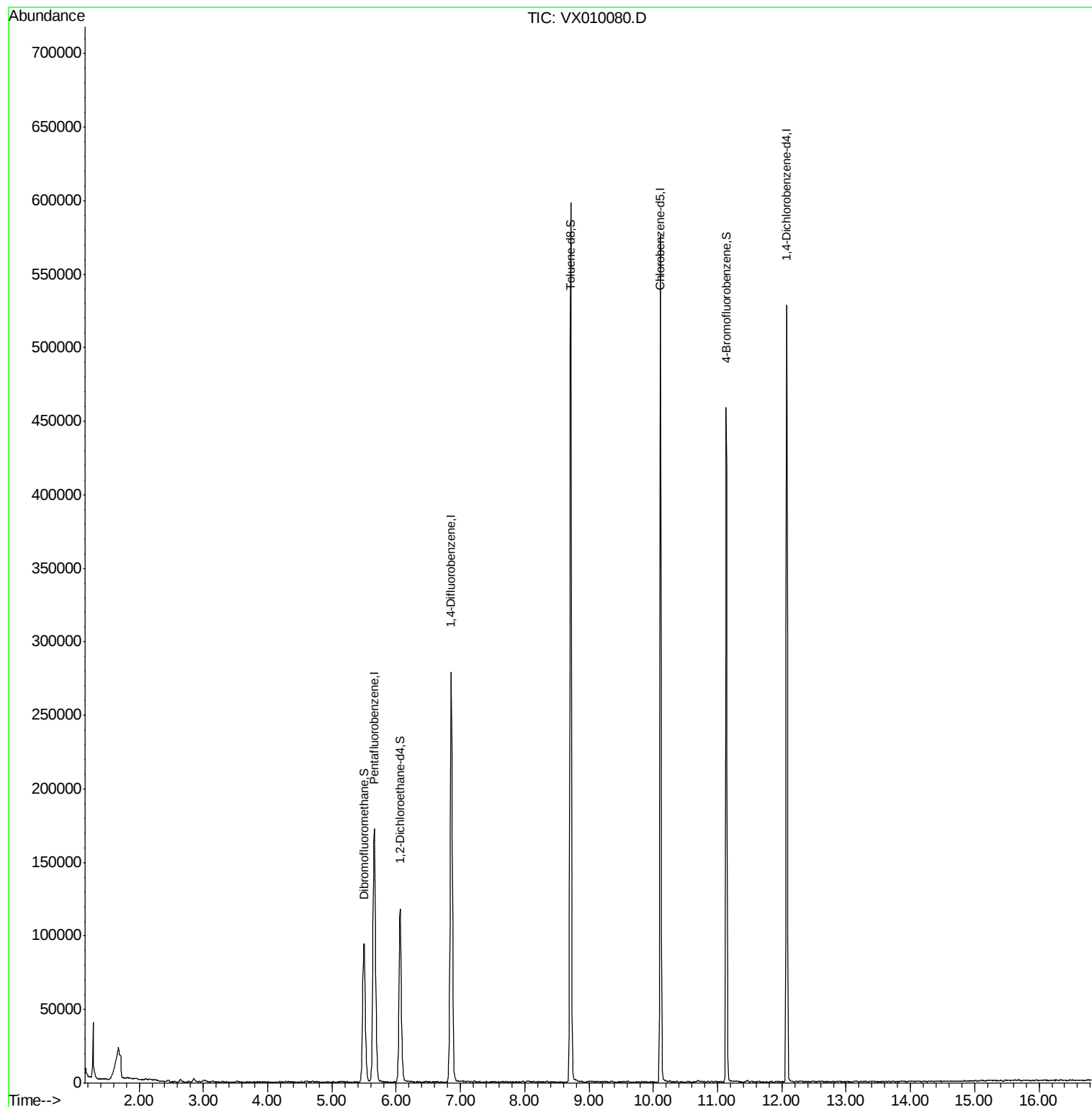
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010080.D

Acq: 05 Jun 2019 16:28

Instrument :

MSVOA_X

ClientSampleId :

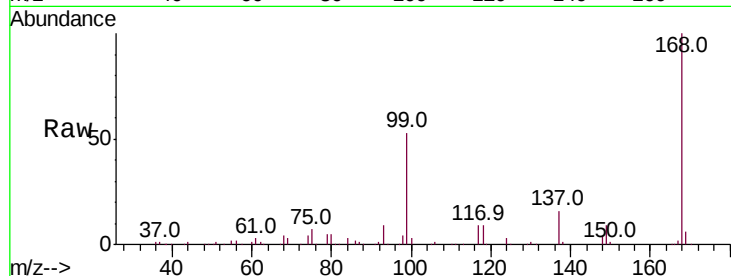
BPS1-TT-MW307D-20190604

Tot Ion:168 Resp: 170513

Ion Ratio Lower Upper

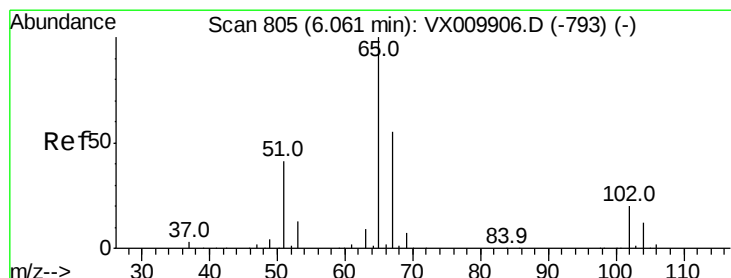
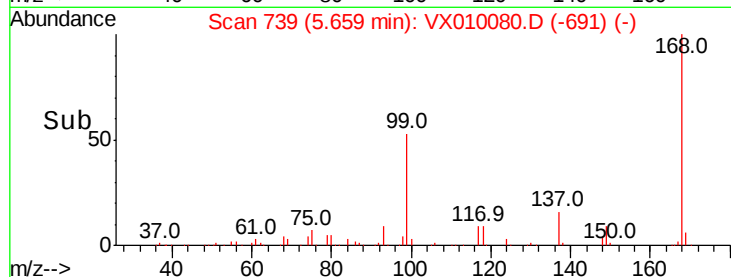
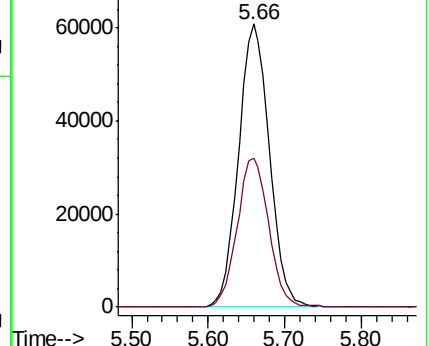
168 100

99 52.6 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: 46.352 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010080.D

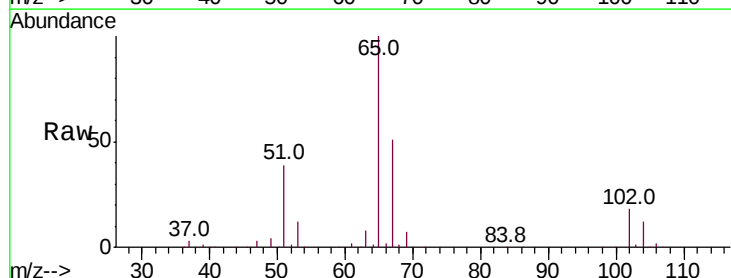
Acq: 05 Jun 2019 16:28

Tgt Ion: 65 Resp: 111645

Ion Ratio Lower Upper

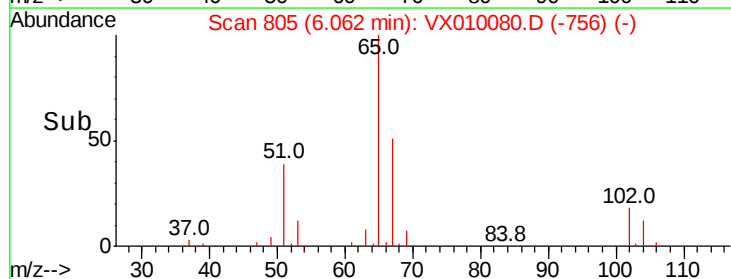
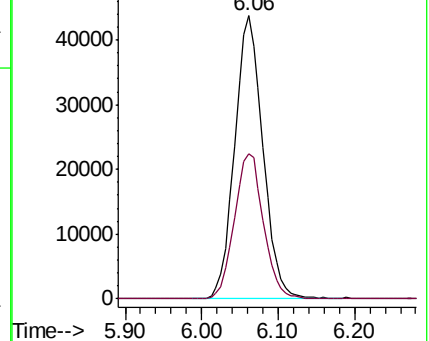
65 100

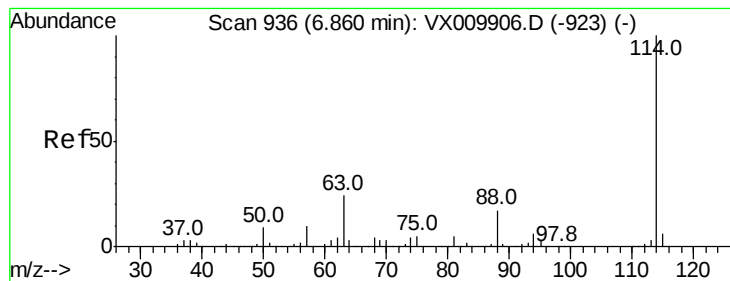
67 52.8 0.0 108.4



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010080.D

Acq: 05 Jun 2019 16:28

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307D-20190604

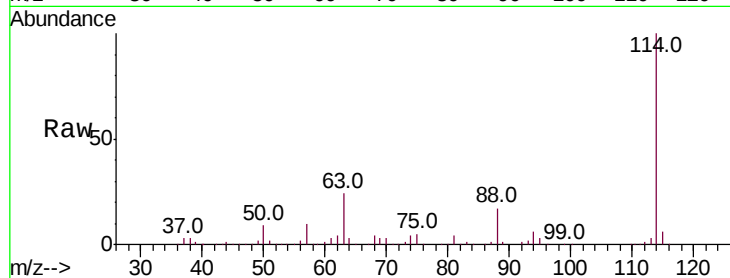
Tot Ion:114 Resp: 270339

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.4

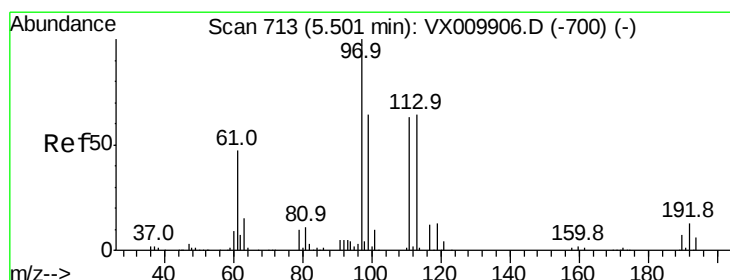
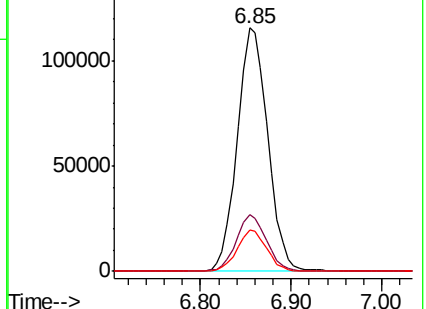
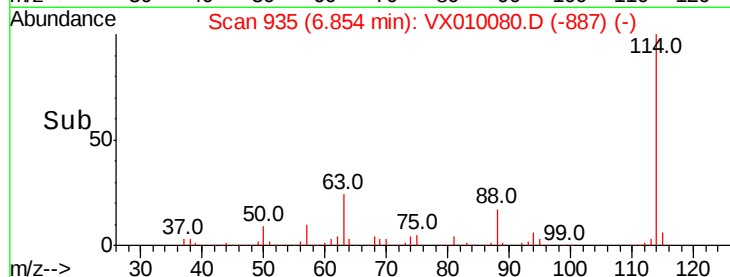
88 16.8 0.0 33.0



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: 48.693 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010080.D

Acq: 05 Jun 2019 16:28

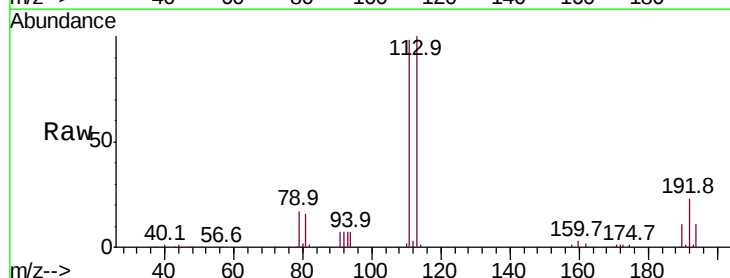
Tgt Ion:113 Resp: 82760

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

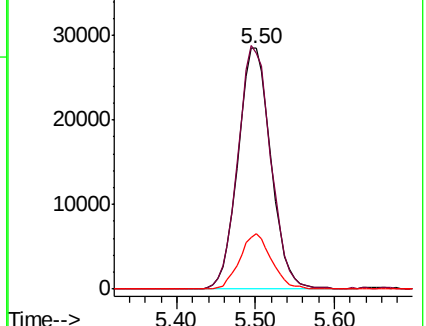
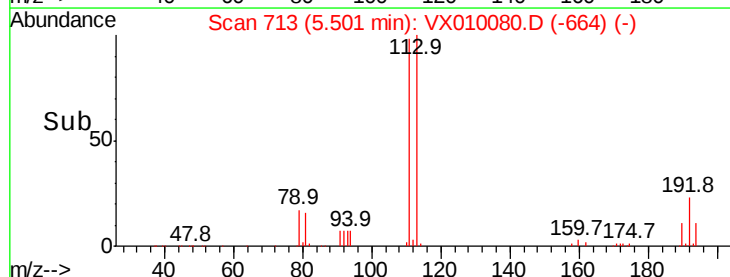
192 22.1 17.1 25.7

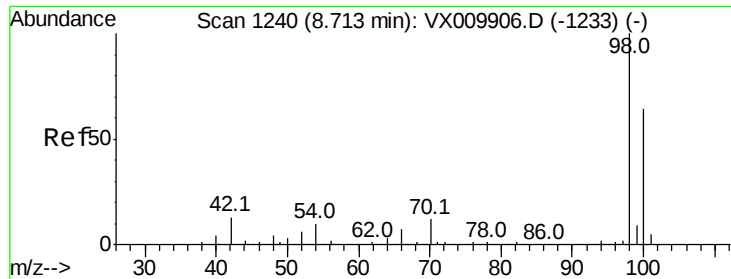


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.214 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010080.D

Acq: 05 Jun 2019 16:28

Instrument :

MSVOA_X

ClientSampleId :

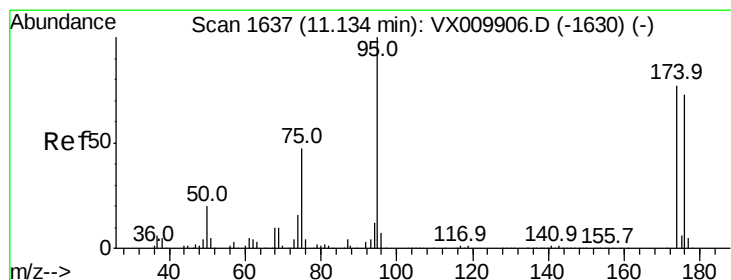
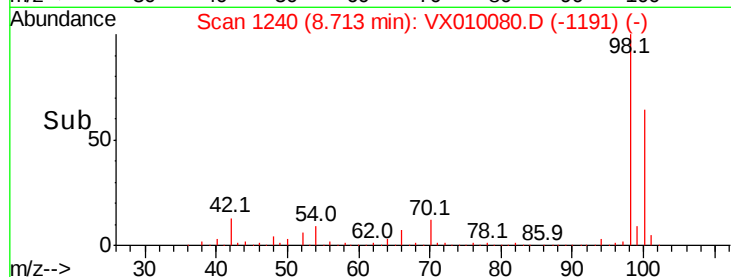
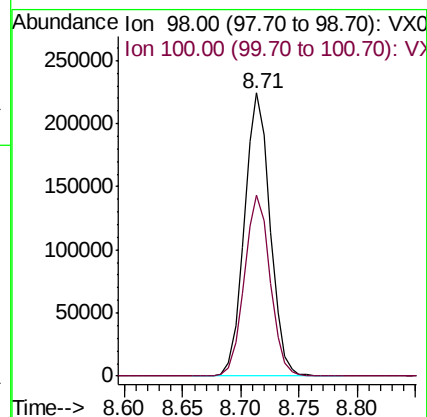
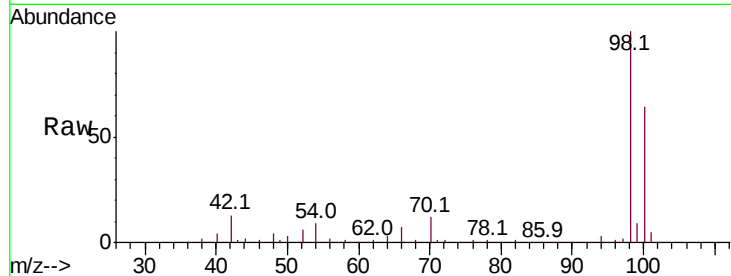
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Tot Ion: 98 Resp: 346570

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.396 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010080.D

Acq: 05 Jun 2019 16:28

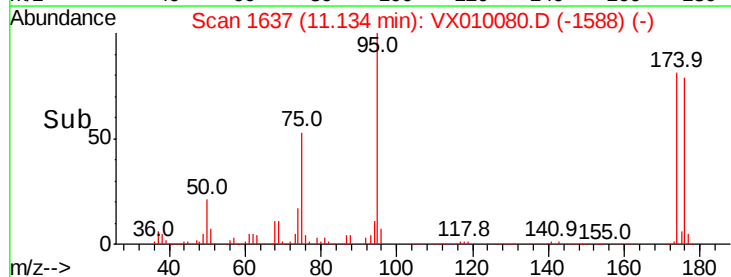
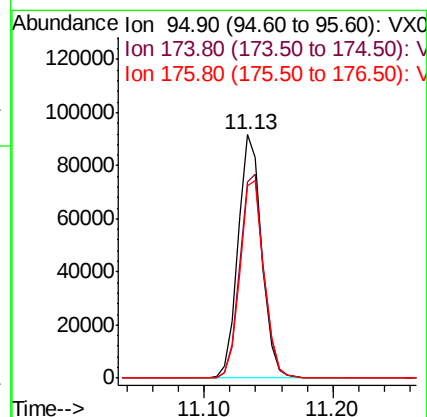
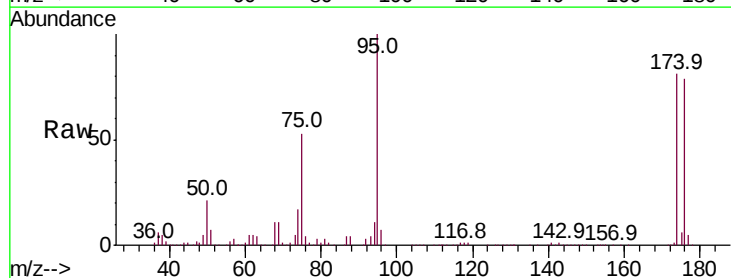
Tgt Ion: 95 Resp: 117495

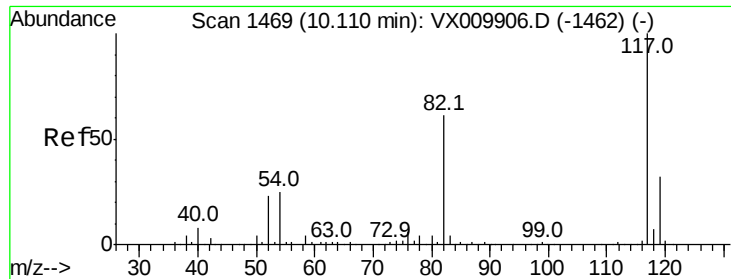
Ion Ratio Lower Upper

95 100

174 85.1 0.0 160.4

176 82.2 0.0 154.6

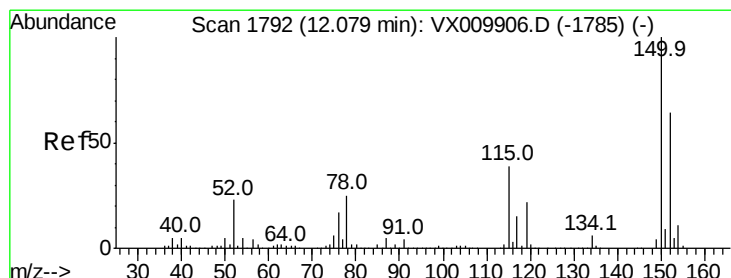
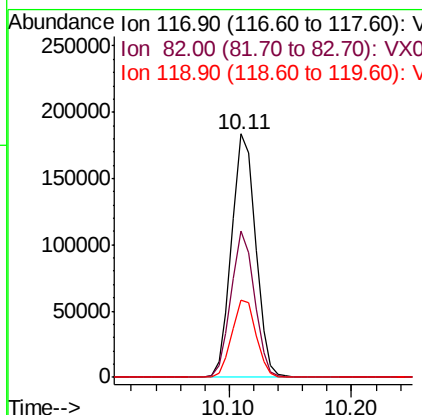
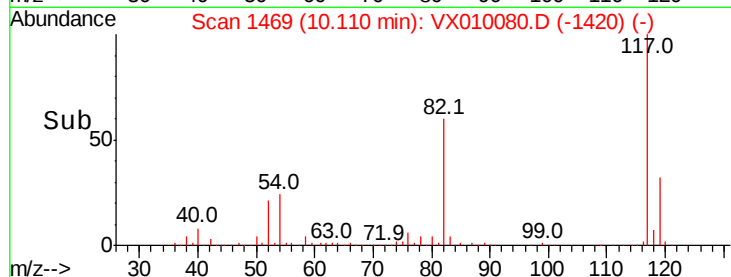
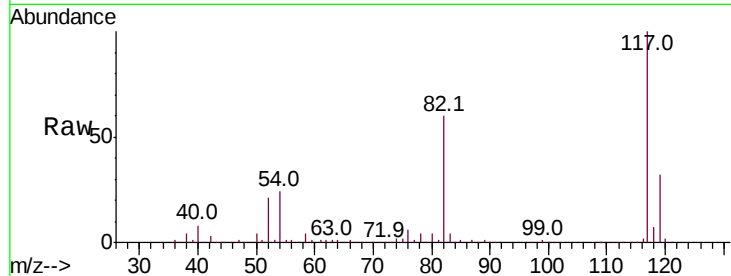




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010080.D
Acq: 05 Jun 2019 16:28

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW307D-20190604

Tot Ion:117 Resp: 248879
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 31.9 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: VX010080.D
Acq: 05 Jun 2019 16:28

Tgt Ion:152 Resp: 112369
Ion Ratio Lower Upper
152 100
115 58.0 41.4 124.2
150 157.7 0.0 345.2

