

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008368.D
 Acq On : 23 Mar 2019 22:26
 Operator : JC/SP
 Sample : K1937-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW202S-20190314

Quant Time: Mar 25 09:10:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	378790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133791	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	163254	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	5.50	113	118596	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	478061	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	158915	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	

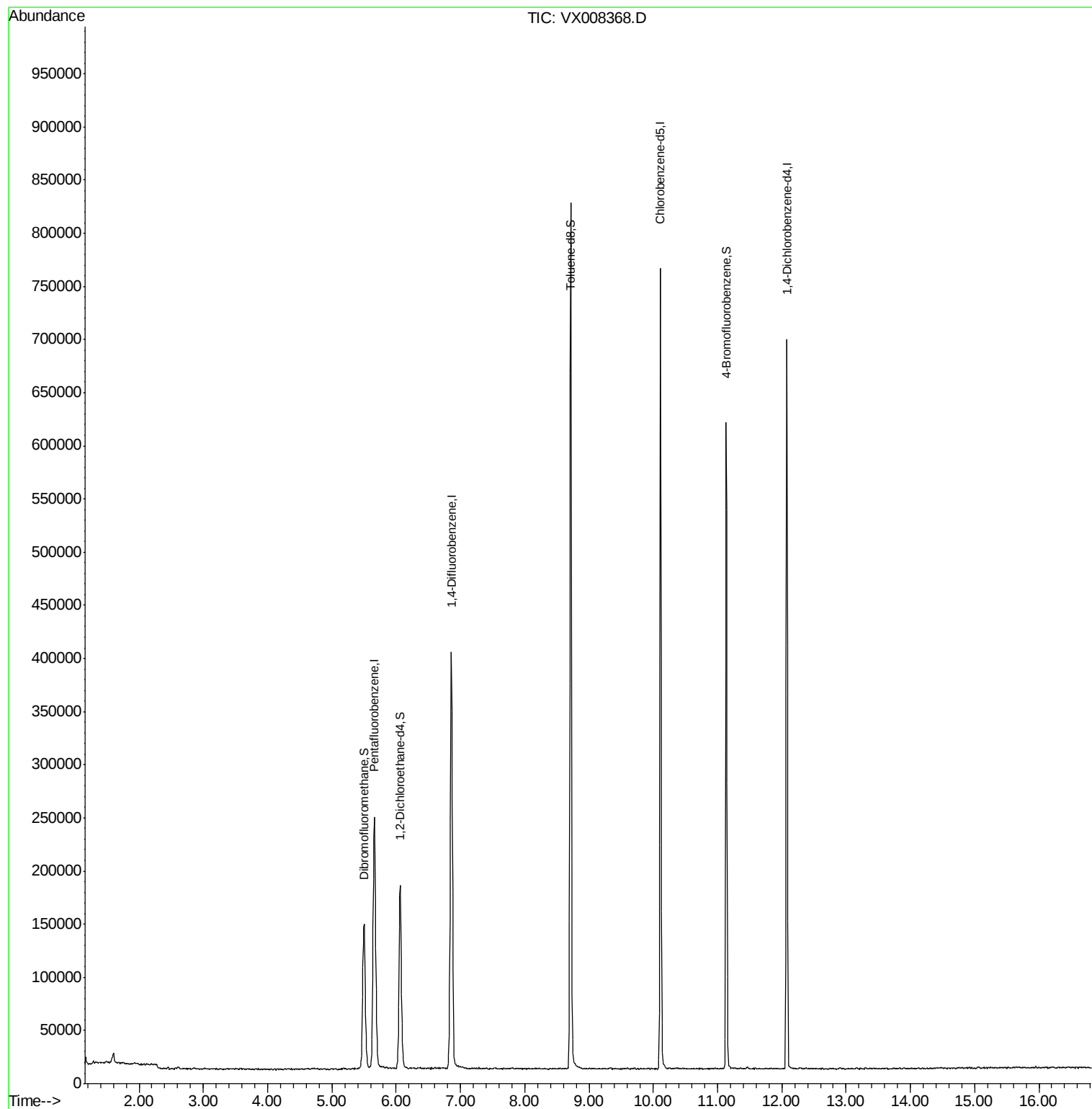
Target Compounds	Qvalue
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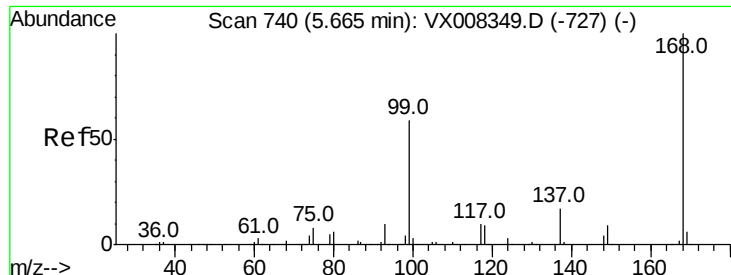
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008368.D

Acq: 23 Mar 2019 22:26

Instrument :

MSVOA_X

ClientSampleId :

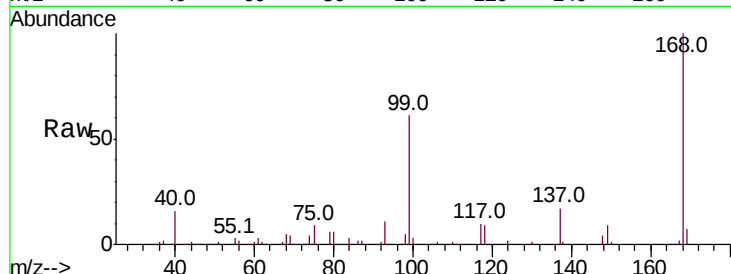
BPS1-TT-MW202S-20190314

Tot Ion:168 Resp: 218678

Ion Ratio Lower Upper

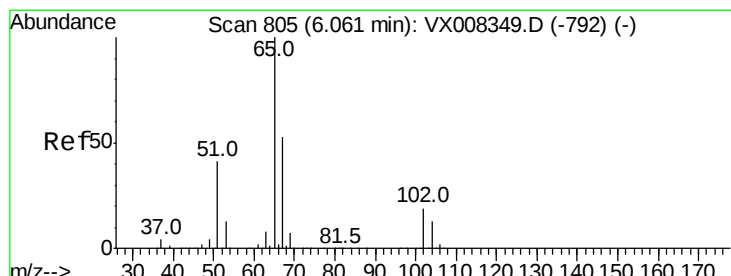
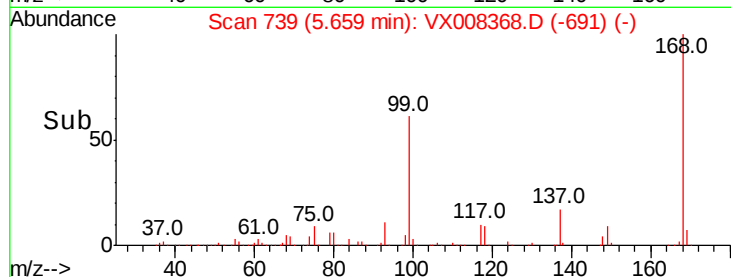
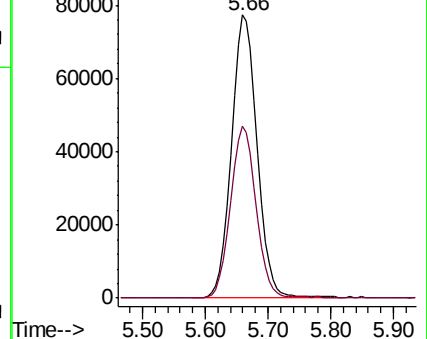
168 100

99 60.9 37.6 56.4#



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: 48.948 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008368.D

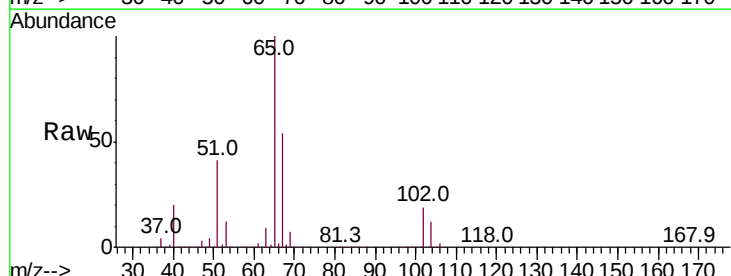
Acq: 23 Mar 2019 22:26

Tgt Ion: 65 Resp: 163254

Ion Ratio Lower Upper

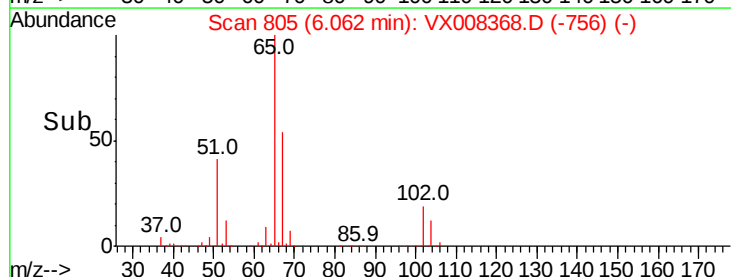
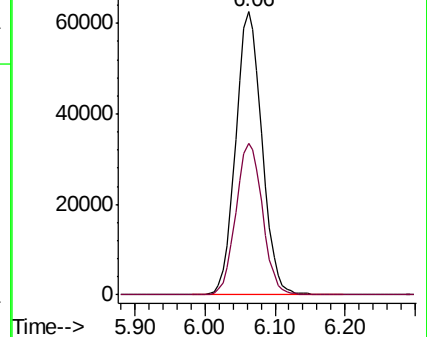
65 100

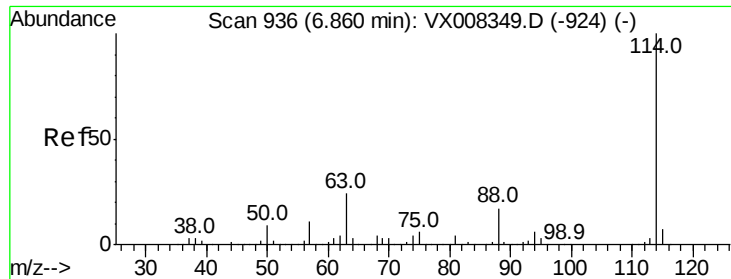
67 54.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

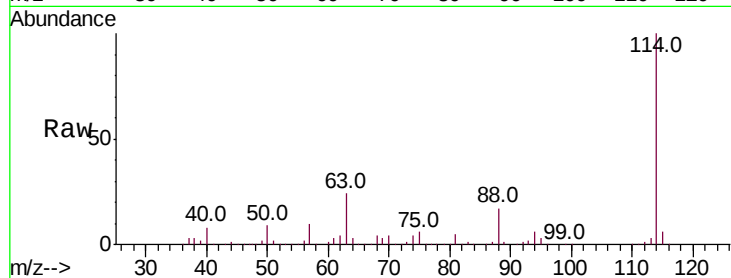




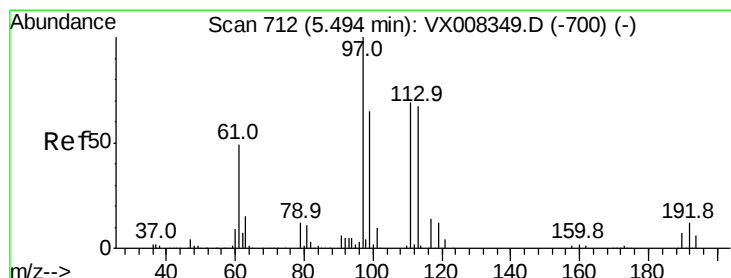
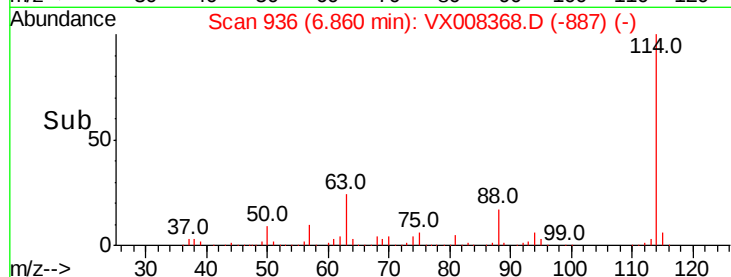
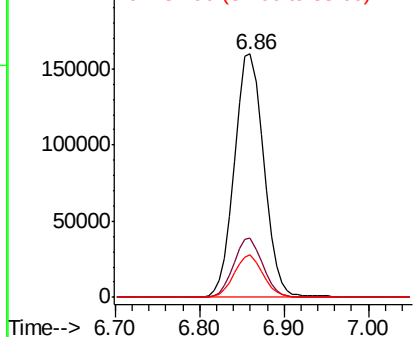
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008368.D
 Acq: 23 Mar 2019 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW202S-20190314

Tot Ion:114 Resp: 378790
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 39.8
 88 17.4 0.0 31.4

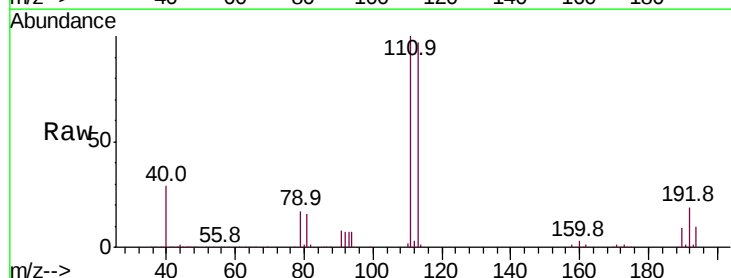


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

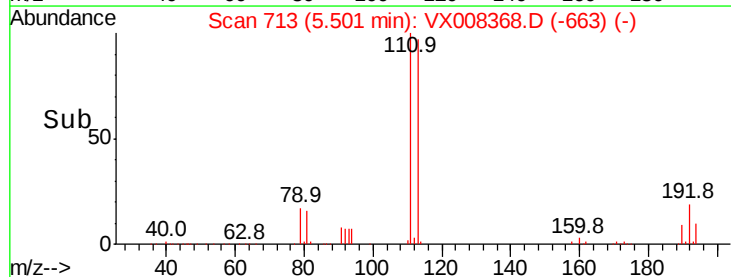
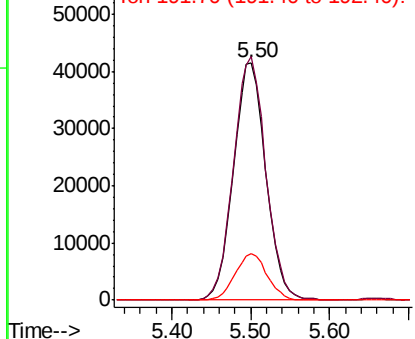


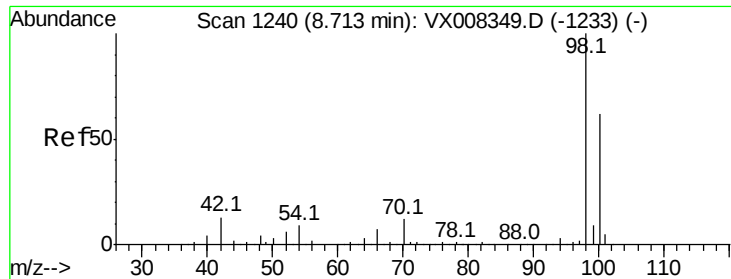
#35
 Dibromofluoromethane
 Concen: 48.324 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008368.D
 Acq: 23 Mar 2019 22:26

Tgt Ion:113 Resp: 118596
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 19.4 19.4 29.0



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: 49.250 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008368.D

Acq: 23 Mar 2019 22:26

Instrument :

MSVOA_X

ClientSampleId :

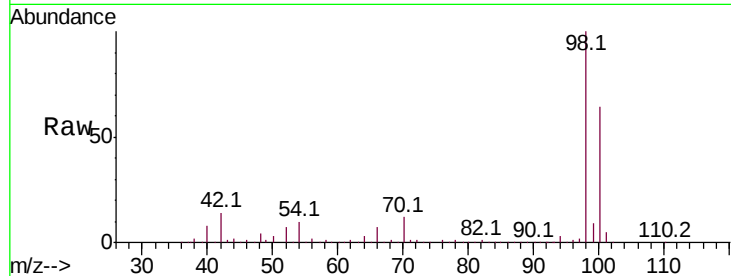
BPS1-TT-MW202S-20190314

Tot Ion: 98 Resp: 478061

Ion Ratio Lower Upper

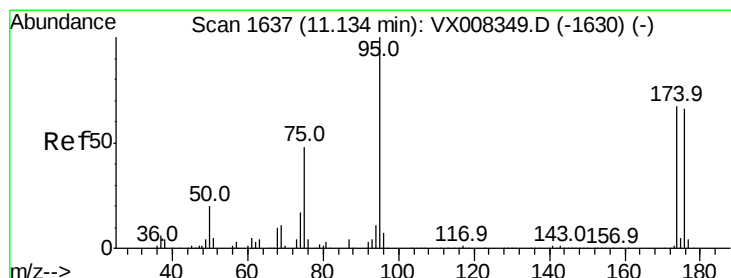
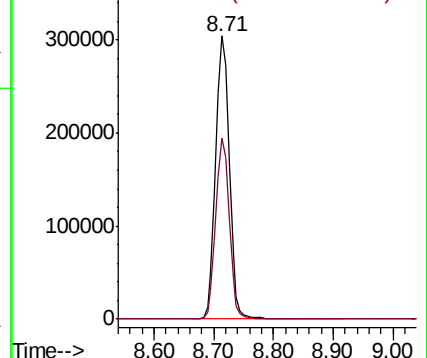
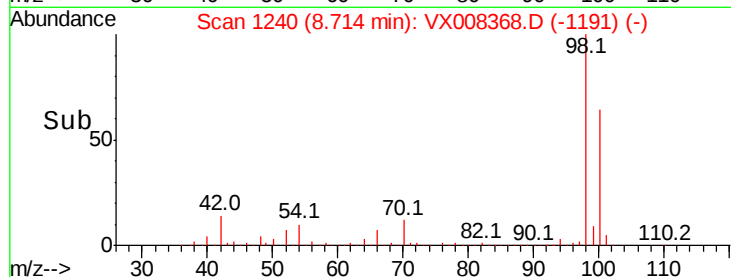
98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.589 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008368.D

Acq: 23 Mar 2019 22:26

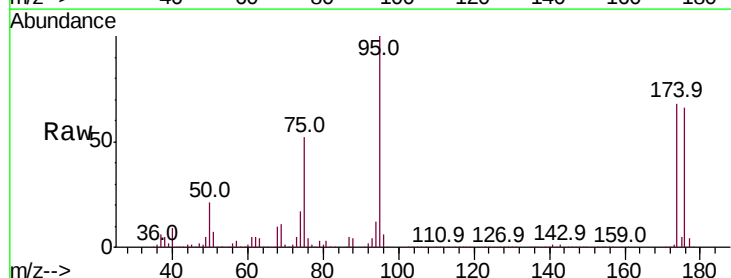
Tgt Ion: 95 Resp: 158915

Ion Ratio Lower Upper

95 100

174 73.1 0.0 182.8

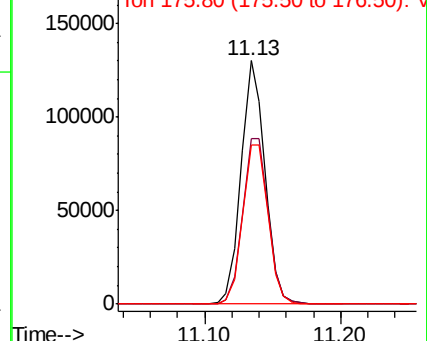
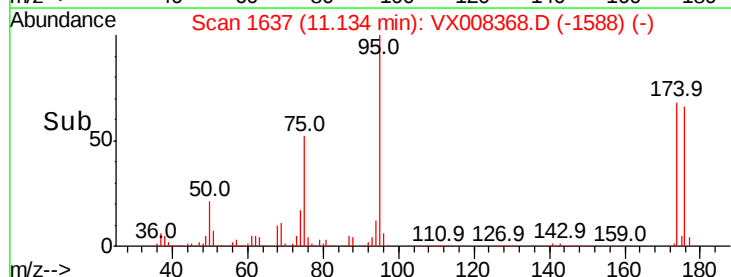
176 70.3 0.0 178.0

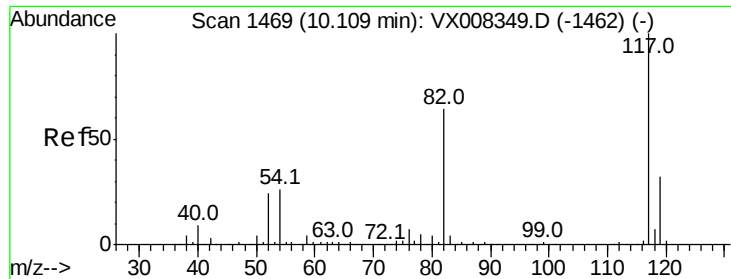


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

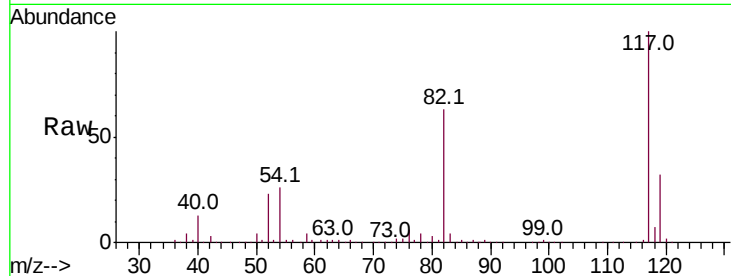




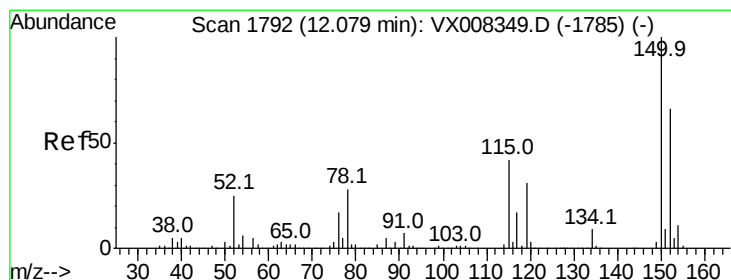
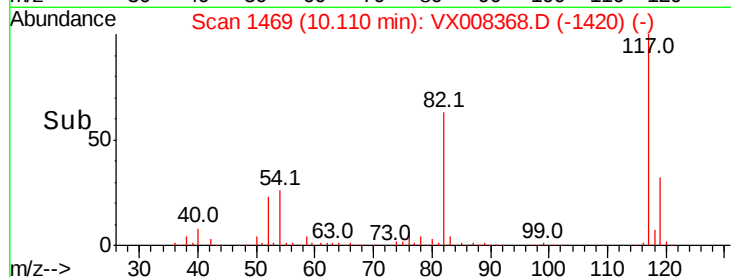
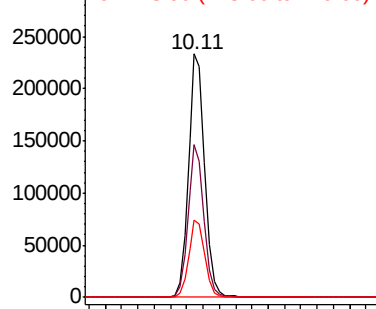
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008368.D
Acq: 23 Mar 2019 22:26

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW202S-20190314

Tot Ion:117 Resp: 325791
Ion Ratio Lower Upper
117 100
82 62.8 44.3 66.5
119 31.7 25.3 37.9

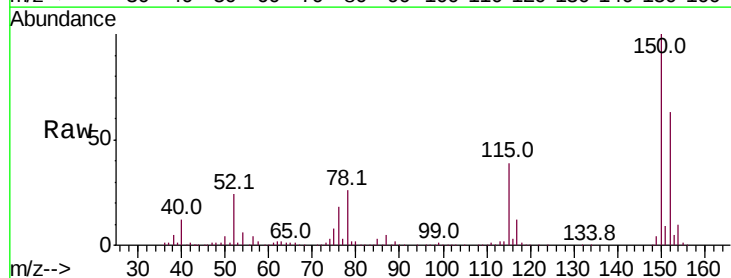


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008368.D
Acq: 23 Mar 2019 22:26

Tgt Ion:152 Resp: 133791
Ion Ratio Lower Upper
152 100
115 63.0 38.6 115.7
150 157.2 0.0 348.4



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

