

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008222.D
 Acq On : 20 Mar 2019 05:17
 Operator : JC/SP
 Sample : K1900-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301S-20190313

Quant Time: Mar 20 09:09:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

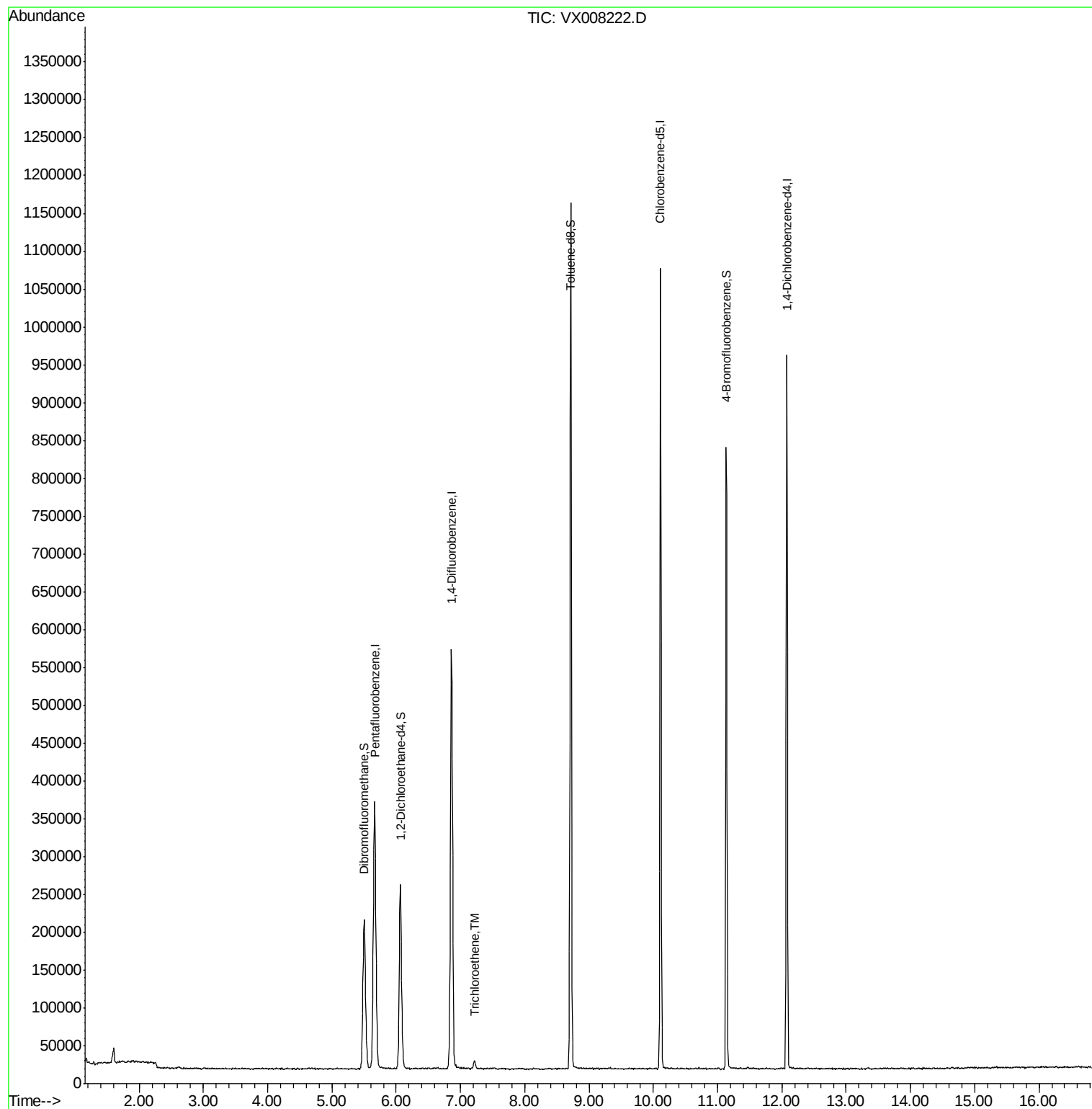
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	534782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	230821	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
35) Dibromofluoromethane	5.50	113	168702	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
50) Toluene-d8	8.71	98	662737	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	212866	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
Target Compounds						
44) Trichloroethene	7.22	130	4105	0.911	ug/l	Qvalue 92

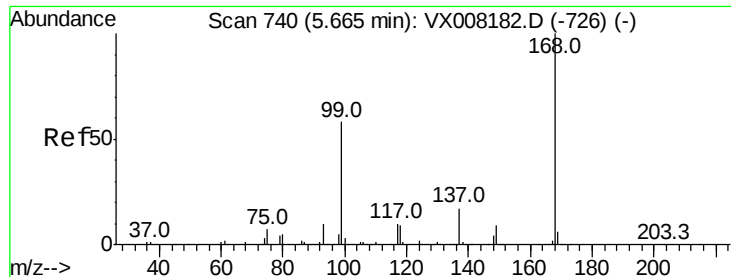
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008222.D

Acq: 20 Mar 2019 05:17

Instrument :

MSVOA_X

ClientSampleId :

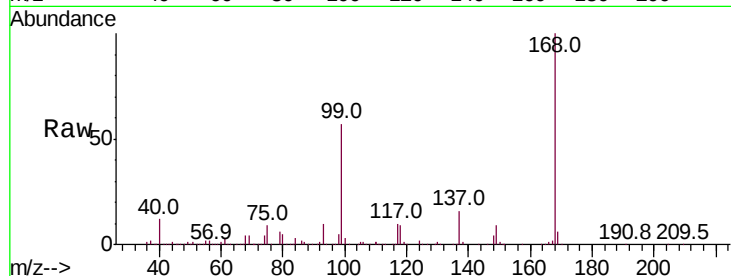
BPS1-TT-MW301S-20190313

Tot Ion:168 Resp: 329563

Ion Ratio Lower Upper

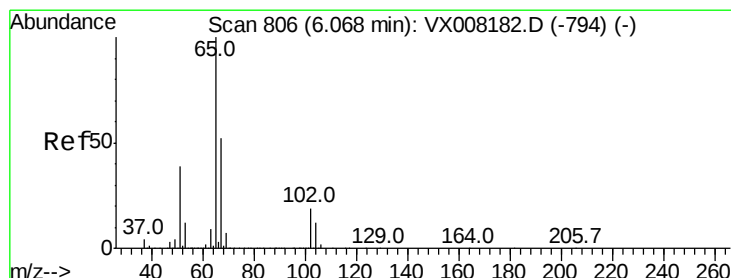
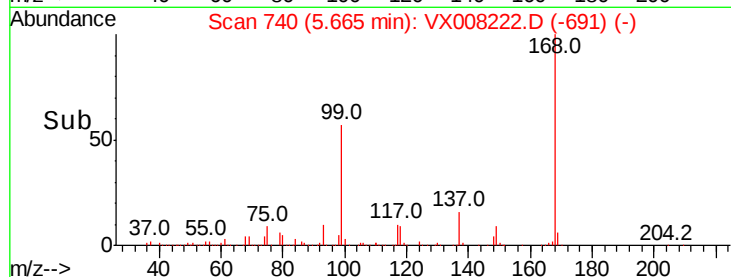
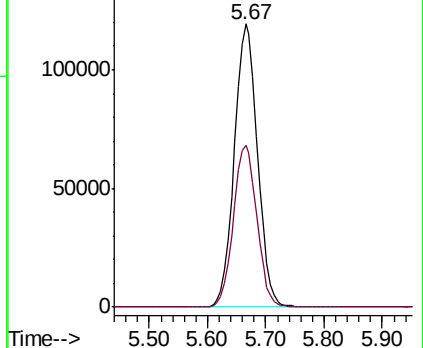
168 100

99 57.3 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: 46.504 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008222.D

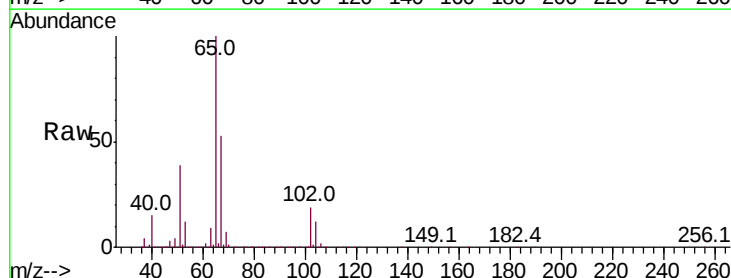
Acq: 20 Mar 2019 05:17

Tgt Ion: 65 Resp: 230821

Ion Ratio Lower Upper

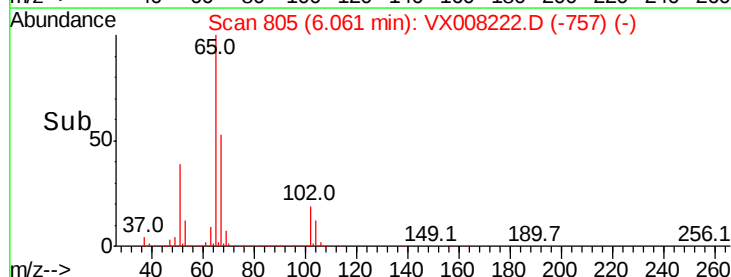
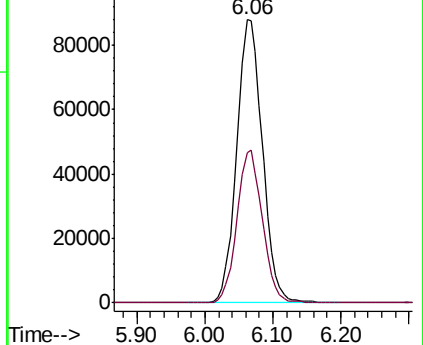
65 100

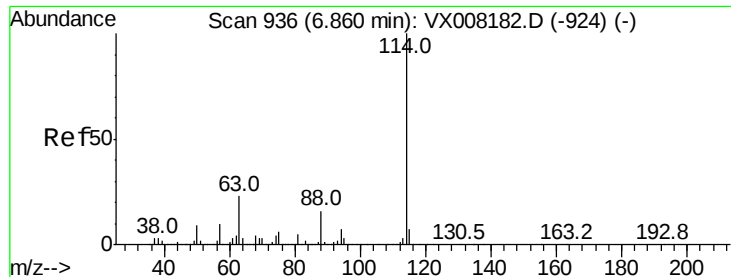
67 53.5 0.0 110.0



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: VX008222.D

Acq: 20 Mar 2019 05:17

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301S-20190313

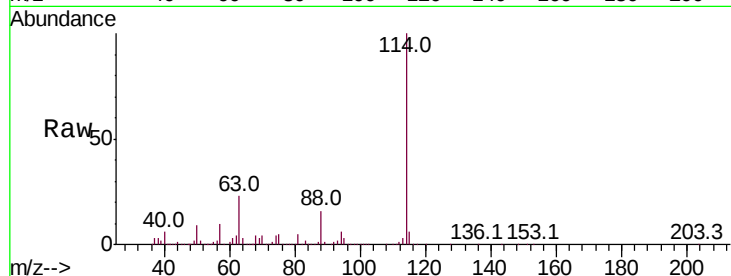
Tot Ion:114 Resp: 534782

Ion Ratio Lower Upper

114 100

63 22.6 0.0 39.8

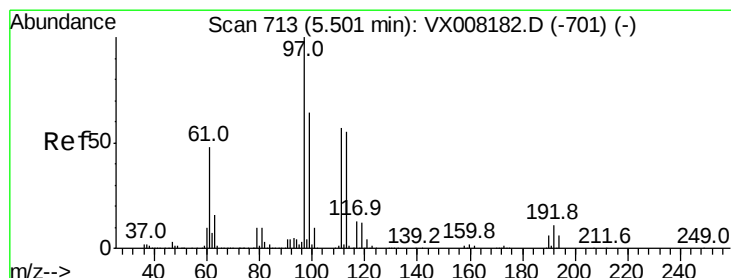
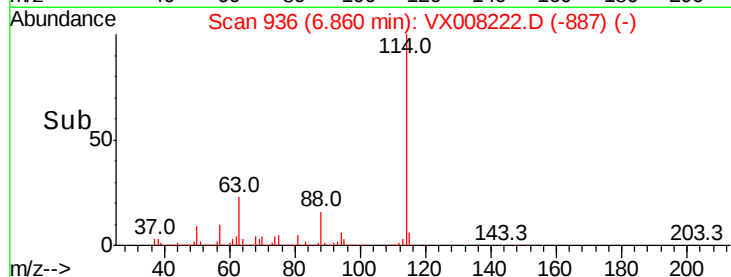
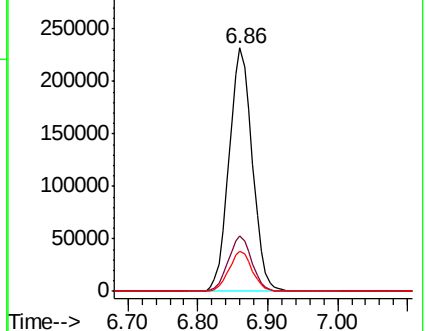
88 16.3 0.0 31.4



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: 47.123 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008222.D

Acq: 20 Mar 2019 05:17

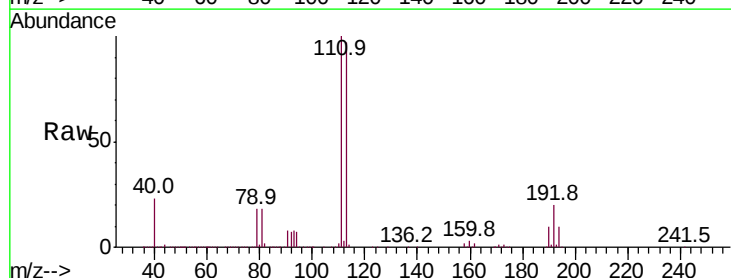
Tgt Ion:113 Resp: 168702

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

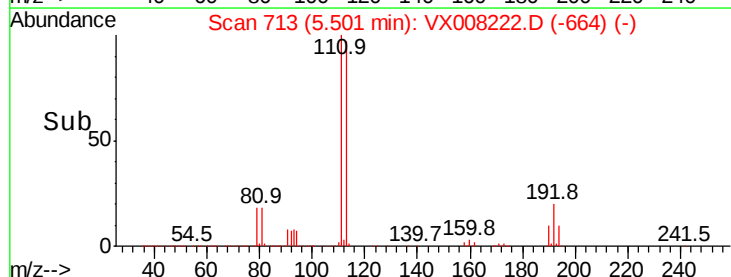
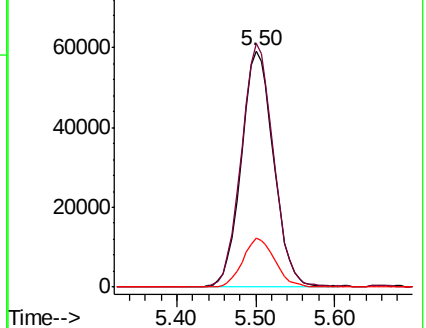
192 20.5 19.4 29.0

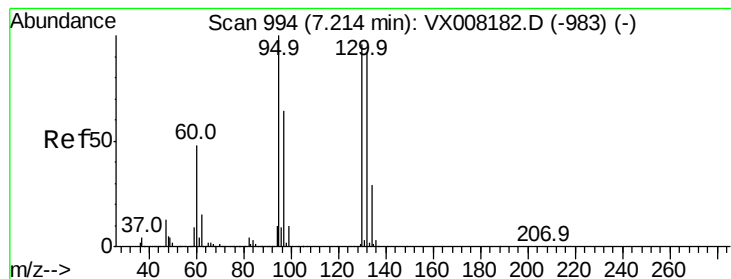


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.911 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008222.D

Acq: 20 Mar 2019 05:17

Instrument :

MSVOA_X

ClientSampleId :

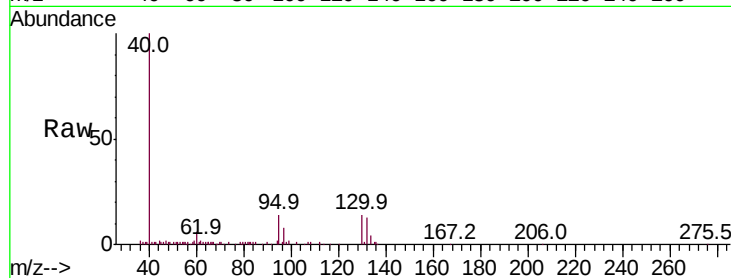
BPS1-TT-MW301S-20190313

Tot Ion:130 Resp: 4105

Ion Ratio Lower Upper

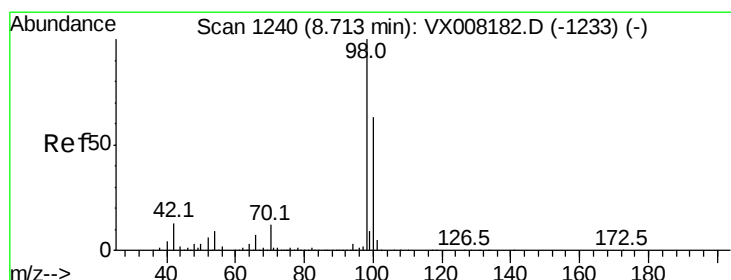
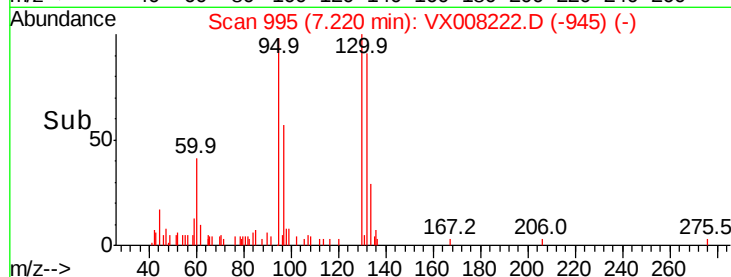
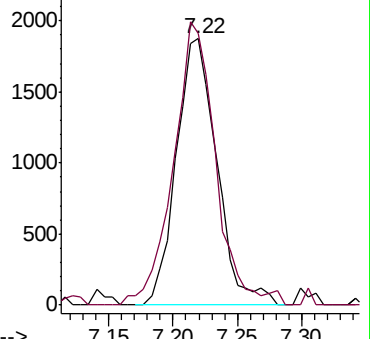
130 100

95 102.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.827 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008222.D

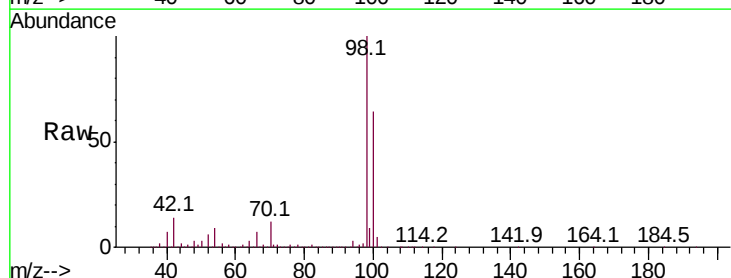
Acq: 20 Mar 2019 05:17

Tgt Ion: 98 Resp: 662737

Ion Ratio Lower Upper

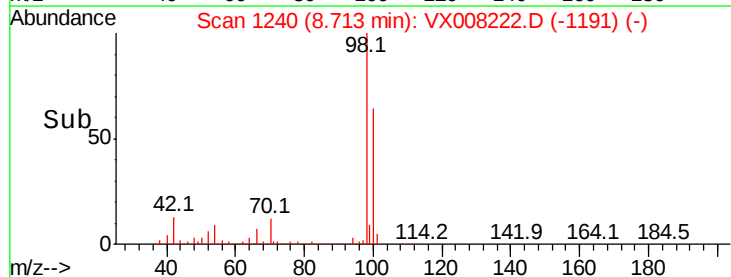
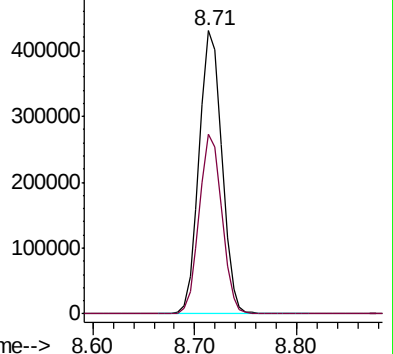
98 100

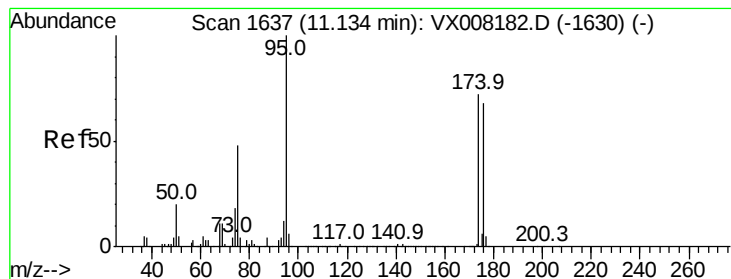
100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.548 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008222.D

Acq: 20 Mar 2019 05:17

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301S-20190313

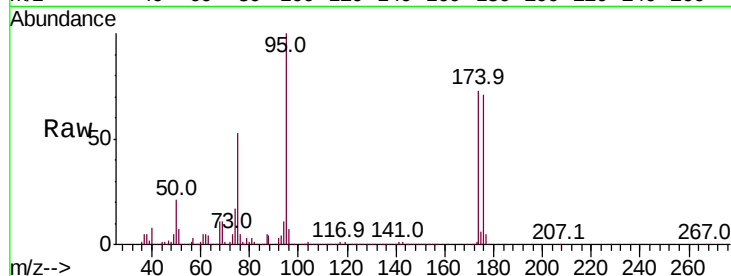
Tot Ion: 95 Resp: 212866

Ion Ratio Lower Upper

95 100

174 78.2 0.0 182.8

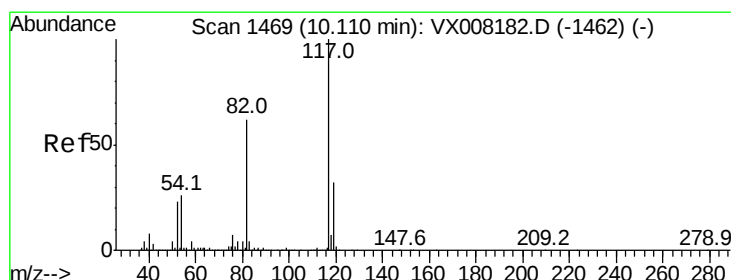
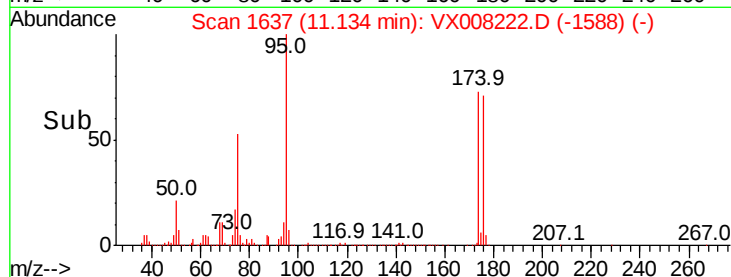
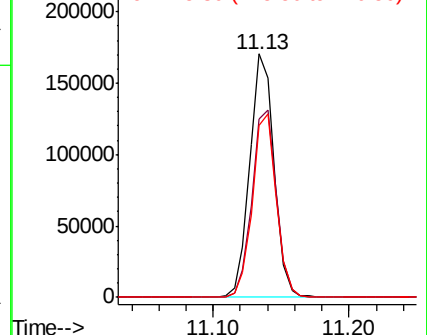
176 75.1 0.0 178.0



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: VX008222.D

Acq: 20 Mar 2019 05:17

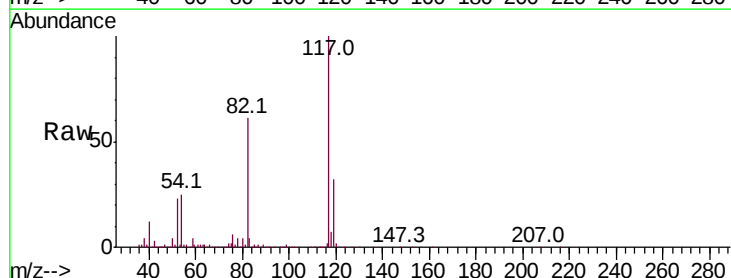
Tgt Ion: 117 Resp: 457325

Ion Ratio Lower Upper

117 100

82 60.8 44.3 66.5

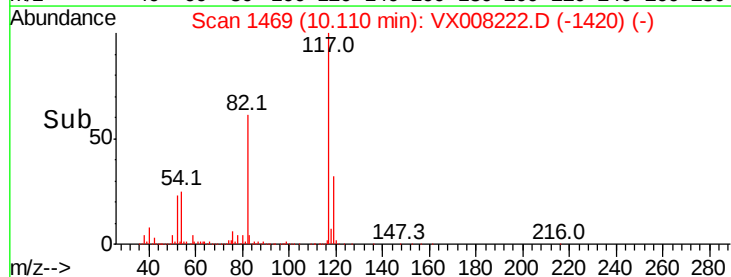
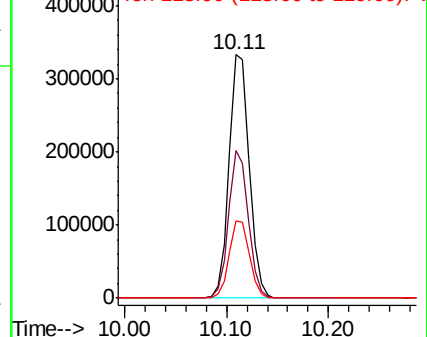
119 31.6 25.3 37.9

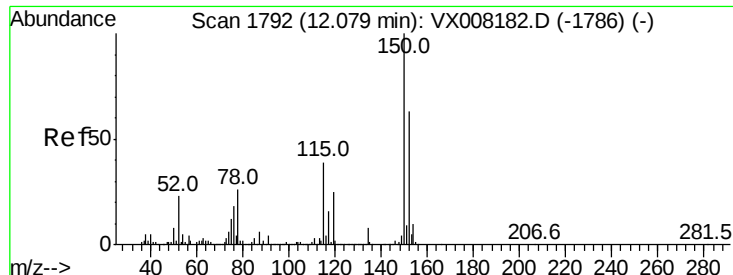


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX008222.D

Acq: 20 Mar 2019 05:17

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301S-20190313

Tot Ion:152 Resp: 183004

Ion Ratio Lower Upper

152 100

115 60.7 38.6 115.7

150 157.4 0.0 348.4

