

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008359.D
 Acq On : 23 Mar 2019 18:56
 Operator : JC/SP
 Sample : K1937-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303D-20190313

Quant Time: Mar 25 08:53:36 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

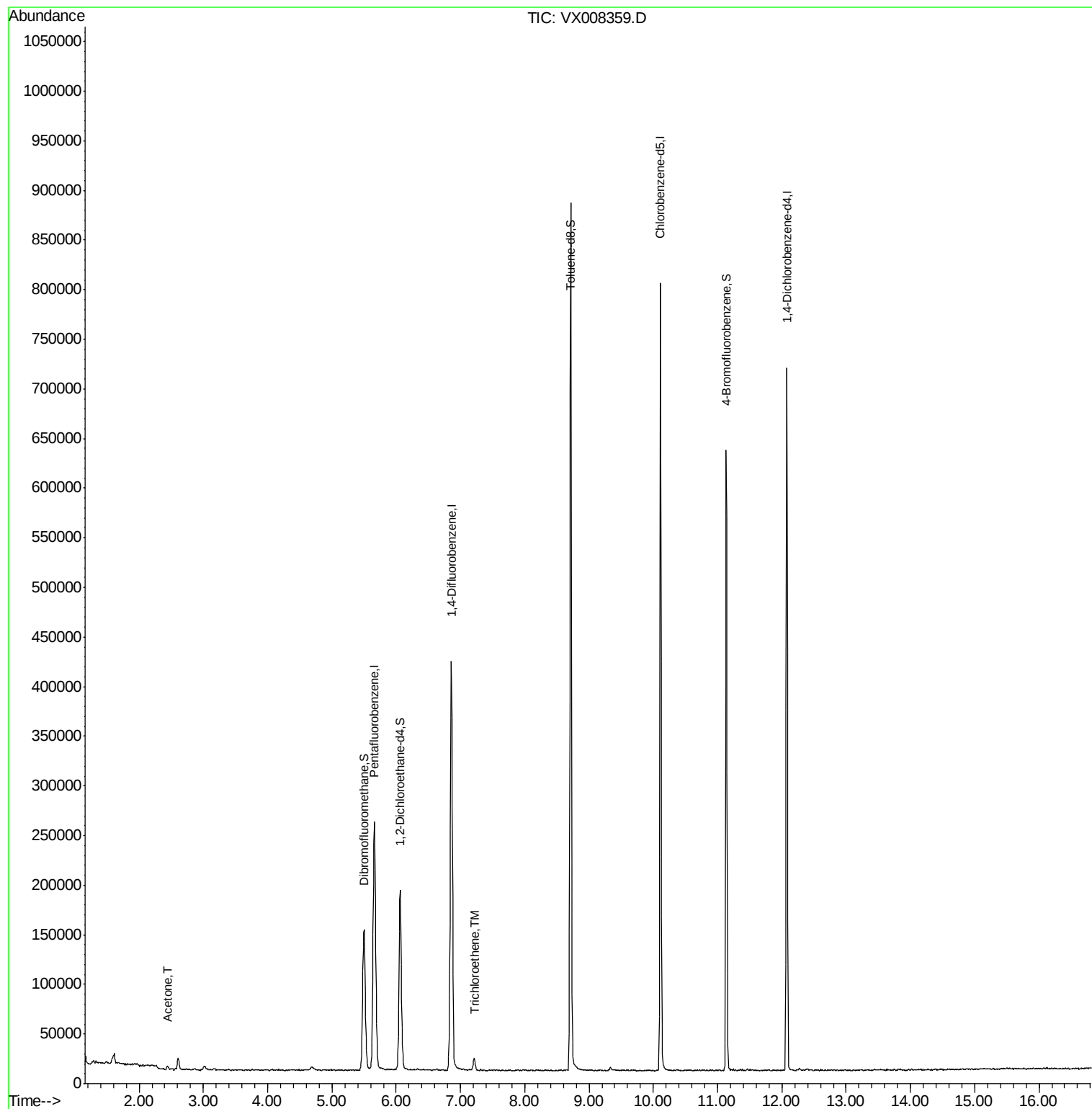
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	401505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	171799	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	5.50	113	124786	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	8.71	98	505526	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	168344	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
16) Acetone	2.44	43	3671	2.085	ug/l	99
44) Trichloroethene	7.22	130	4597	1.584	ug/l	98

(#) = 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: VX008359.D

Acq: 23 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

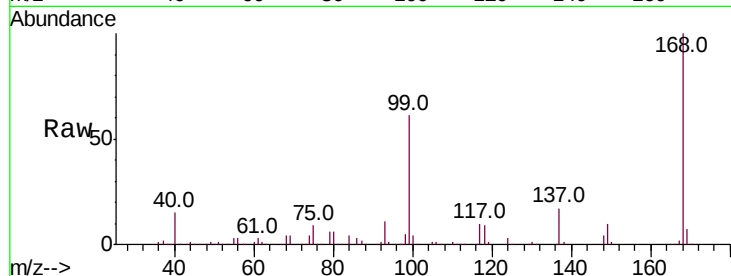
BPS1-TT-MW303D-20190313

Tot Ion:168 Resp: 230957

Ion Ratio Lower Upper

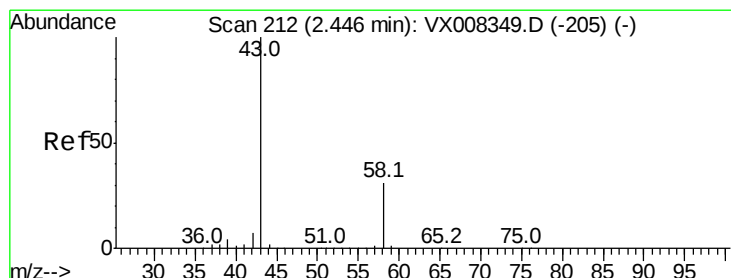
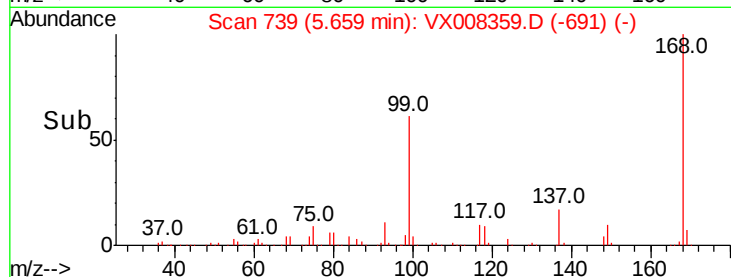
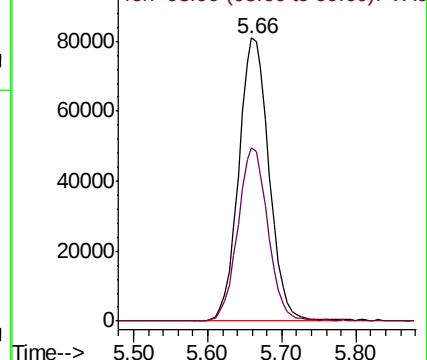
168 100

99 61.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.085 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008359.D

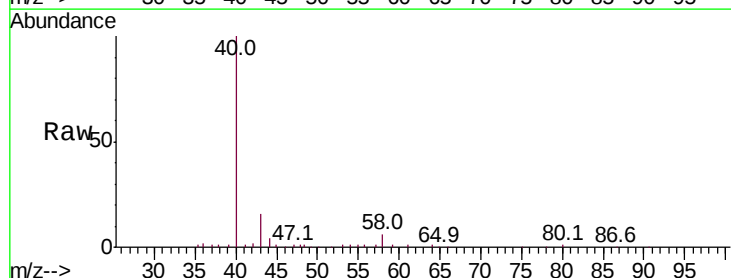
Acq: 23 Mar 2019 18:56

Tgt Ion: 43 Resp: 3671

Ion Ratio Lower Upper

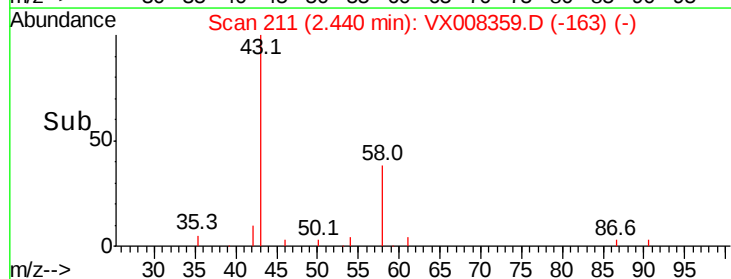
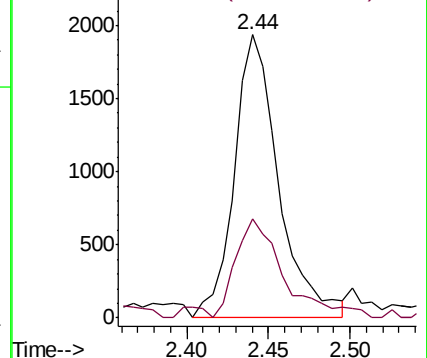
43 100

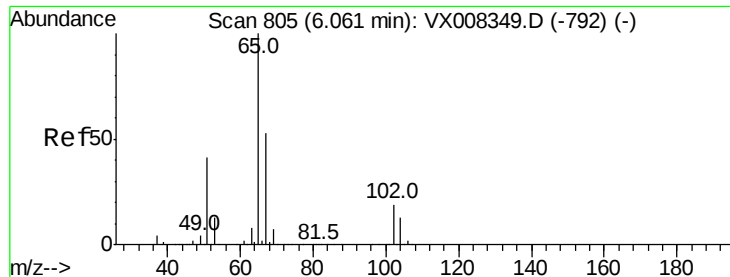
58 31.2 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.771 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008359.D

Acq: 23 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

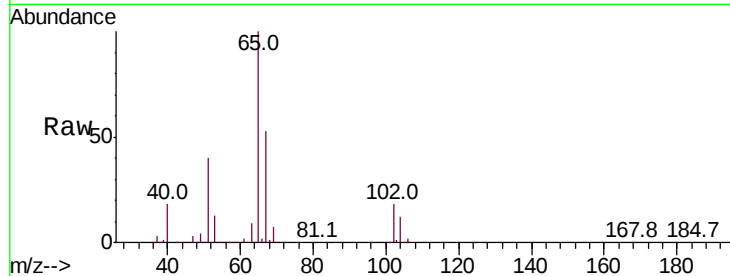
BPS1-TT-MW303D-20190313

Tot Ion: 65 Resp: 171799

Ion Ratio Lower Upper

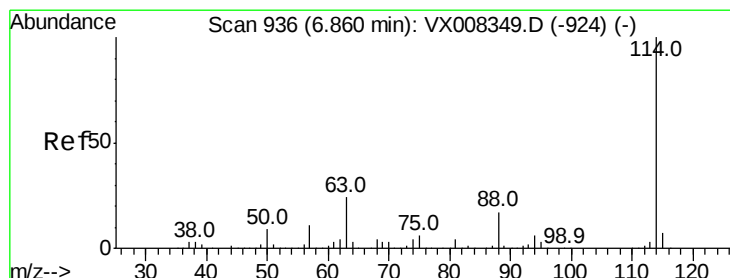
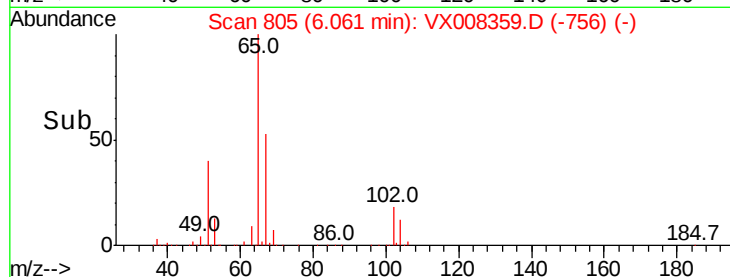
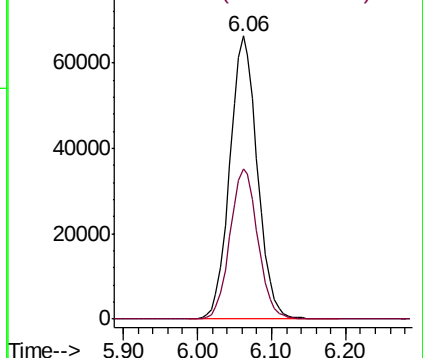
65 100

67 53.6 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: VX008359.D

Acq: 23 Mar 2019 18:56

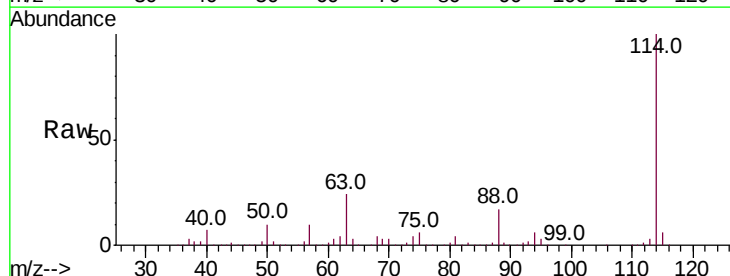
Tgt Ion:114 Resp: 401505

Ion Ratio Lower Upper

114 100

63 24.3 0.0 39.8

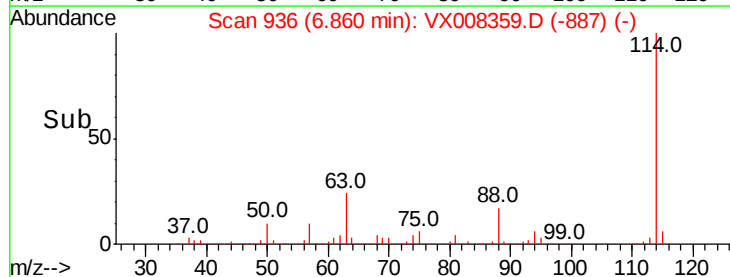
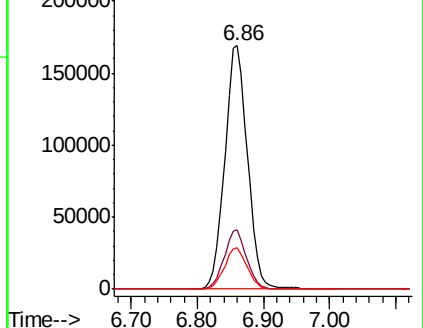
88 17.2 0.0 31.4

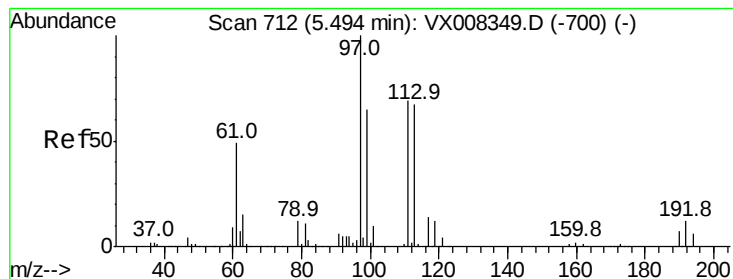


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.970 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008359.D

Acq: 23 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303D-20190313

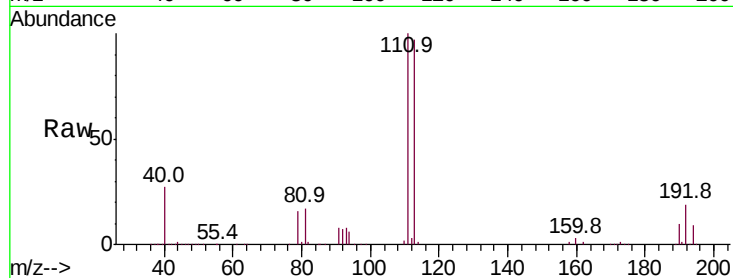
Tot Ion:113 Resp: 124786

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

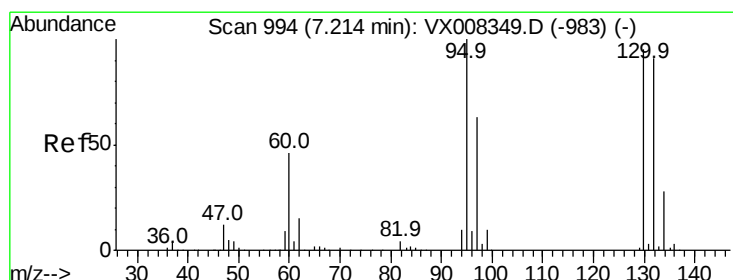
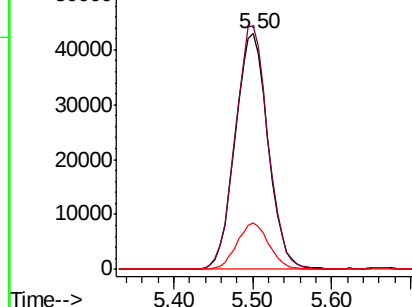
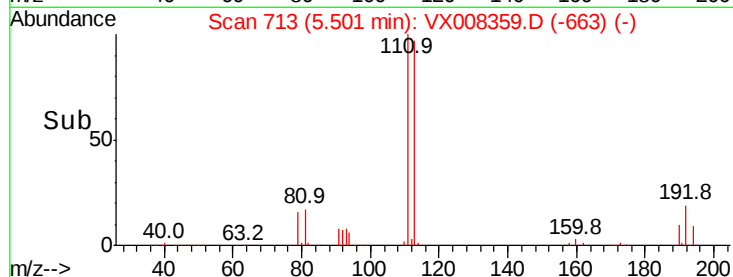
192 19.3 19.4 29.0#



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: 1.584 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008359.D

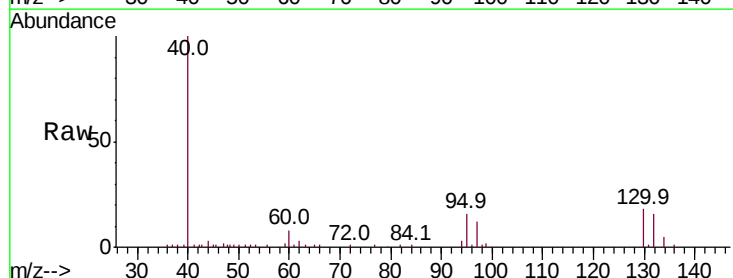
Acq: 23 Mar 2019 18:56

Tgt Ion:130 Resp: 4597

Ion Ratio Lower Upper

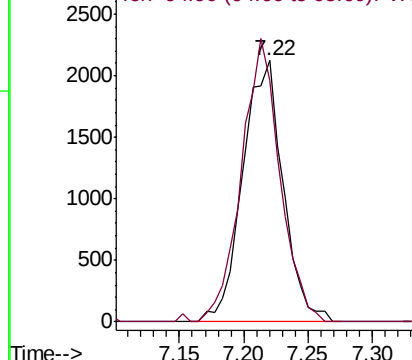
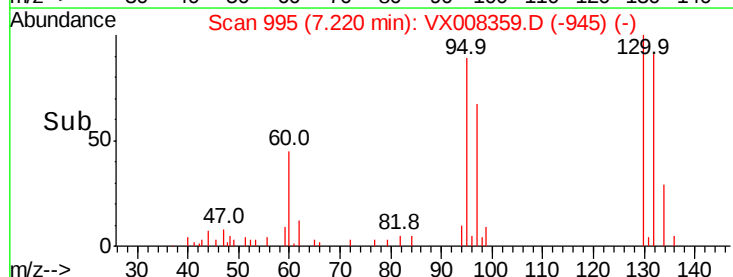
130 100

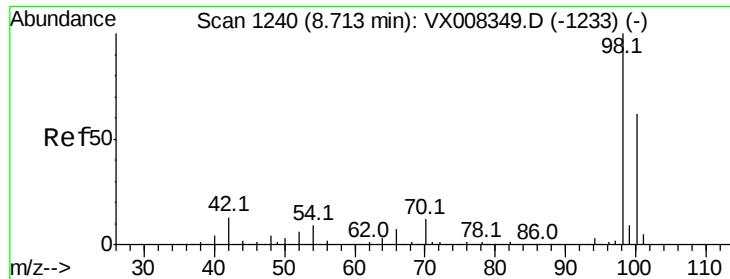
95 92.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.133 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008359.D

Acq: 23 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

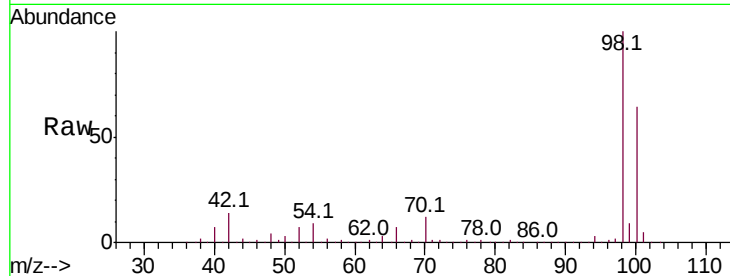
BPS1-TT-MW303D-20190313

Tot Ion: 98 Resp: 505526

Ion Ratio Lower Upper

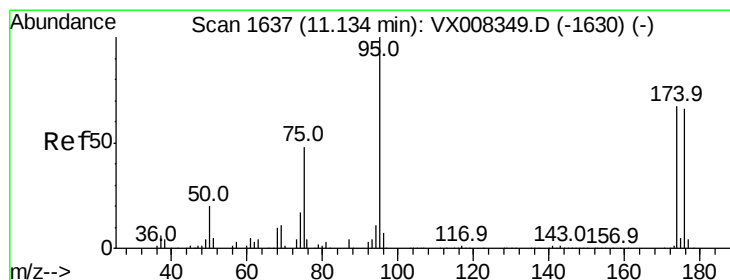
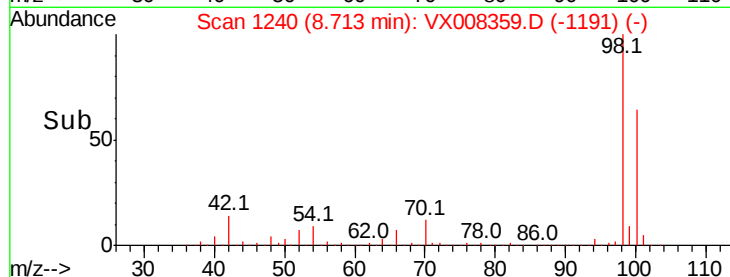
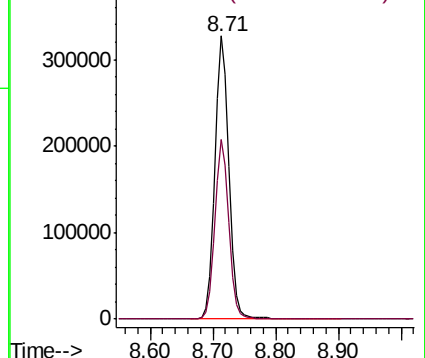
98 100

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: 44.562 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008359.D

Acq: 23 Mar 2019 18:56

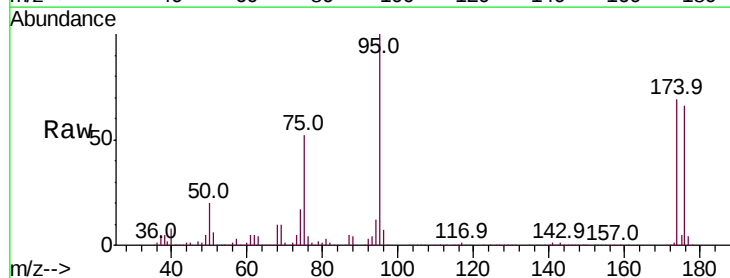
Tgt Ion: 95 Resp: 168344

Ion Ratio Lower Upper

95 100

174 73.0 0.0 182.8

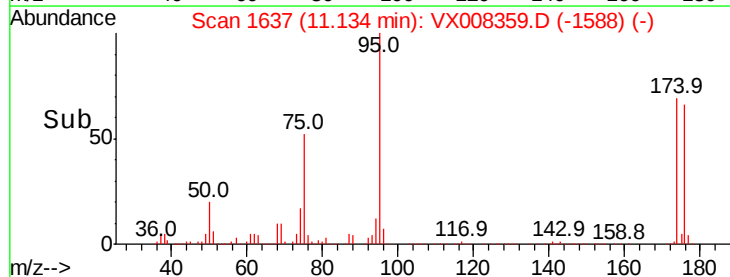
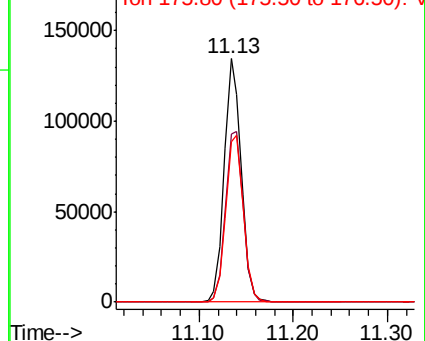
176 70.9 0.0 178.0

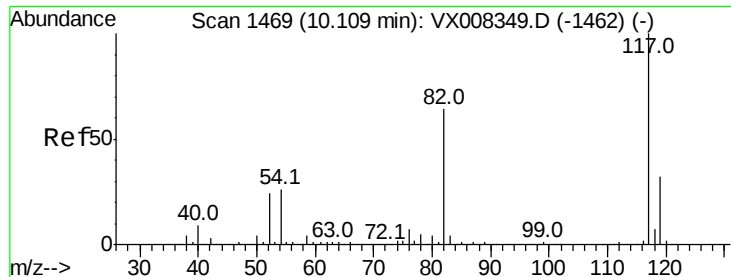


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

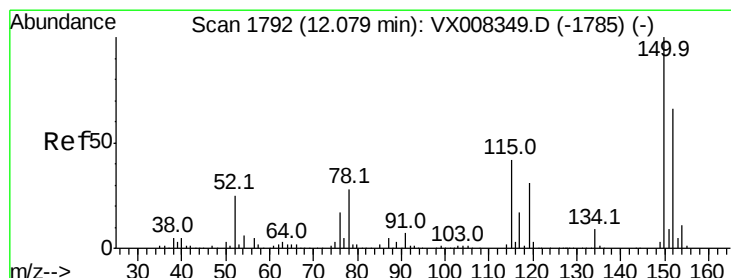
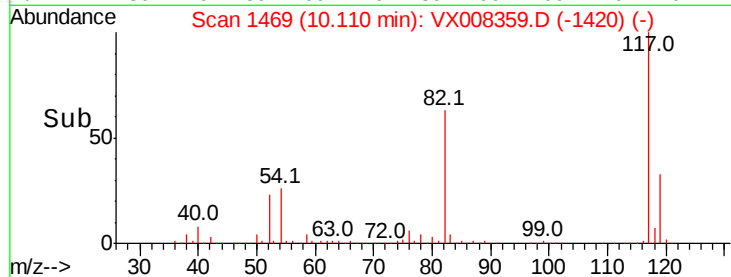
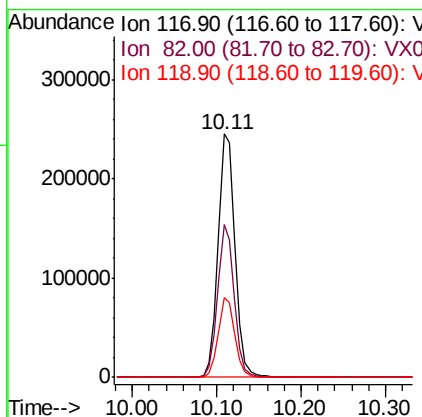
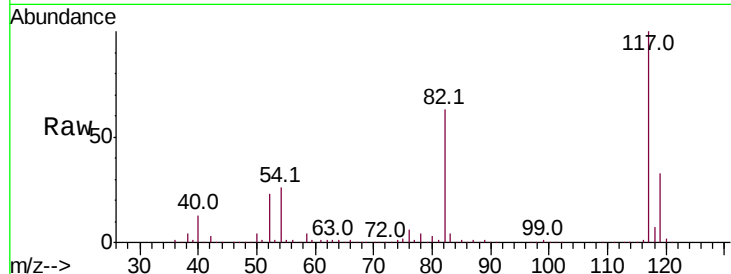




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX008359.D
 Acq: 23 Mar 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303D-20190313

Tot Ion:117 Resp: 342691
 Ion Ratio Lower Upper
 117 100
 82 62.7 44.3 66.5
 119 32.5 25.3 37.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008359.D
 Acq: 23 Mar 2019 18:56

Tgt Ion:152 Resp: 139551
 Ion Ratio Lower Upper
 152 100
 115 62.3 38.6 115.7
 150 157.1 0.0 348.4

