

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032319\
 Data File : VX008362.D
 Acq On : 23 Mar 2019 20:06
 Operator : JC/SP
 Sample : K1937-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW310S-20190314

Quant Time: Mar 25 08:59:30 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	223691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136716	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	166394	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	5.50	113	120848	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	8.71	98	491932	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	166157	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	

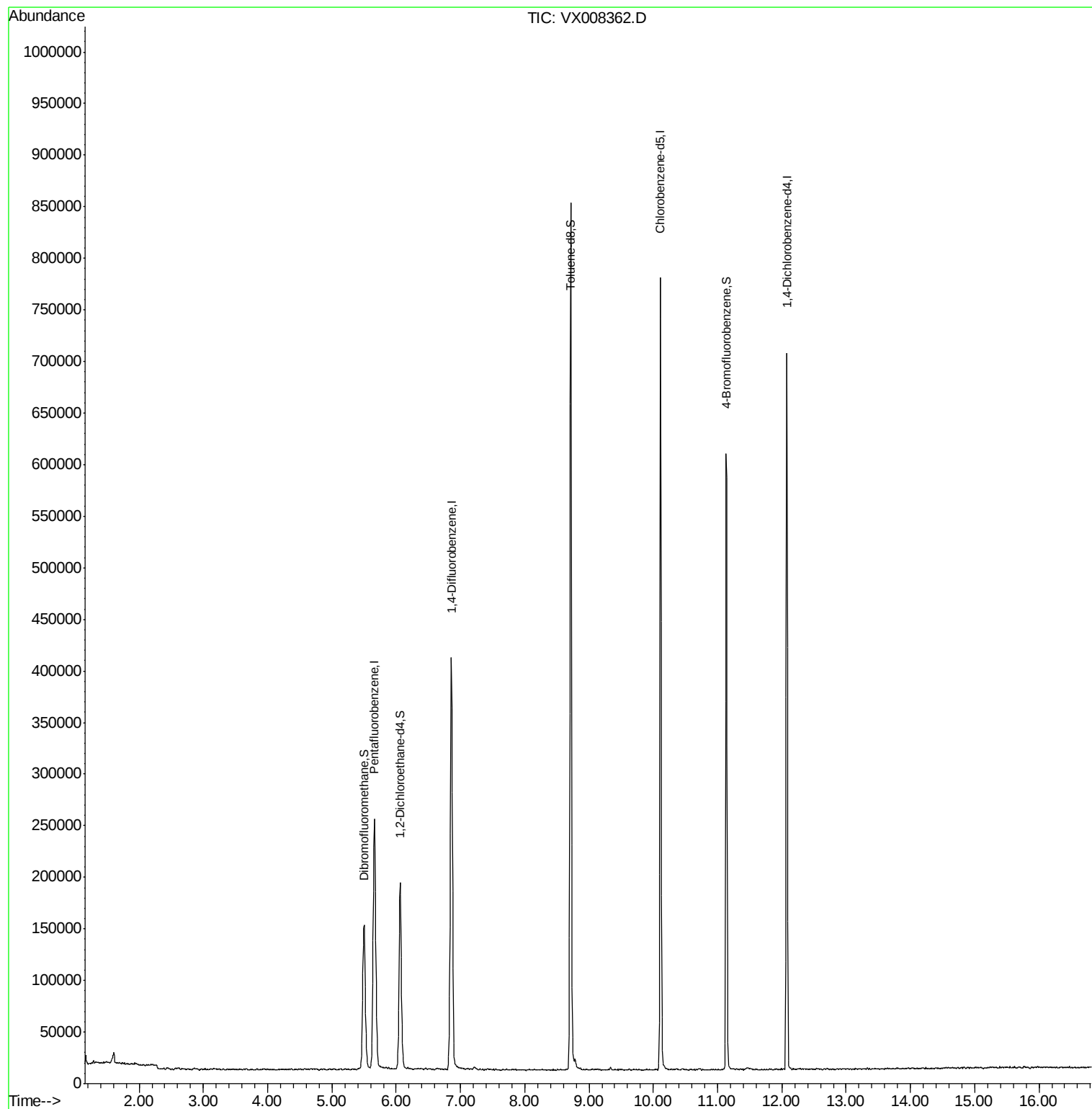
Target Compounds	Qvalue

(#) = 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# 740

Delta R.T. -0.00 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

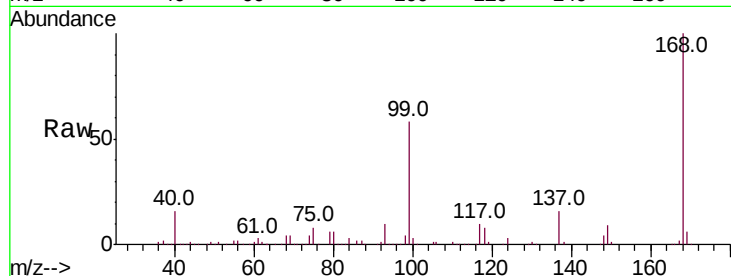
BPS1-TT-MW310S-20190314

Tot Ion:168 Resp: 223691

Ion Ratio Lower Upper

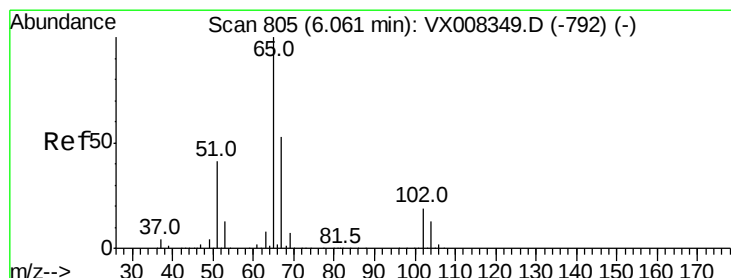
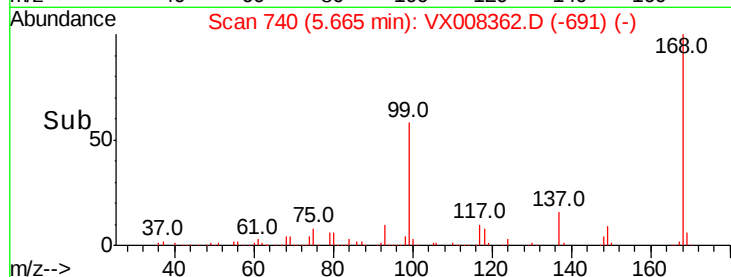
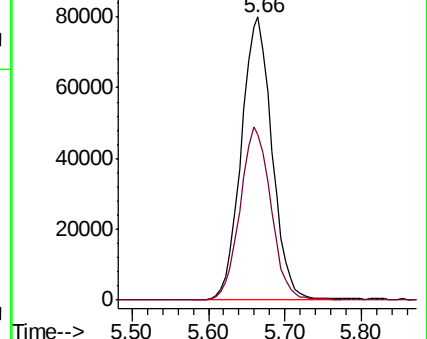
168 100

99 58.4 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: 48.771 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008362.D

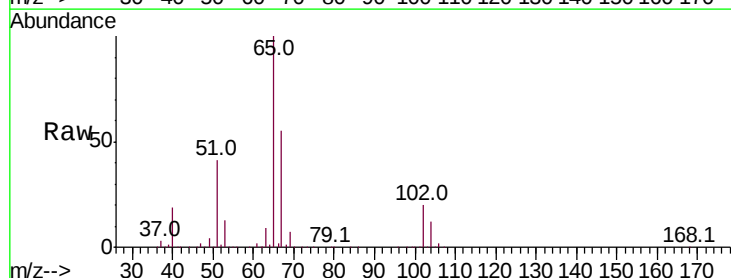
Acq: 23 Mar 2019 20:06

Tgt Ion: 65 Resp: 166394

Ion Ratio Lower Upper

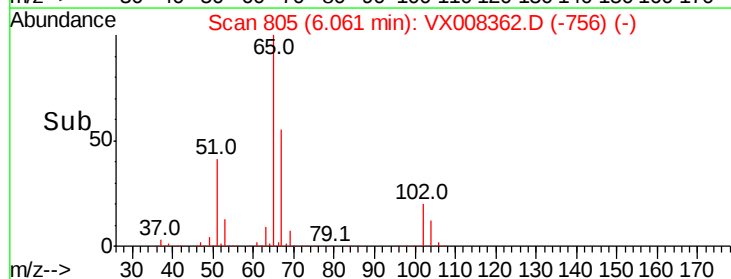
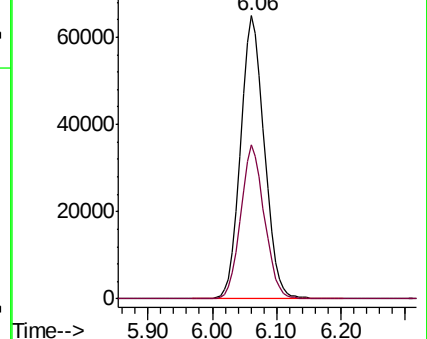
65 100

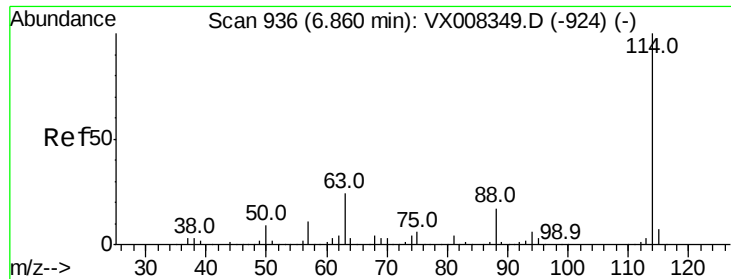
67 54.1 0.0 110.0



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: VX008362.D

Acq: 23 Mar 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW310S-20190314

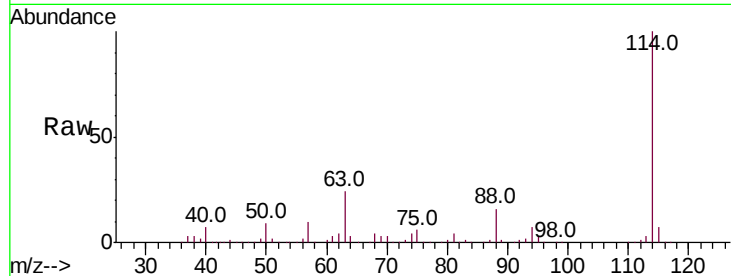
Tot Ion:114 Resp: 391229

Ion Ratio Lower Upper

114 100

63 24.0 0.0 39.8

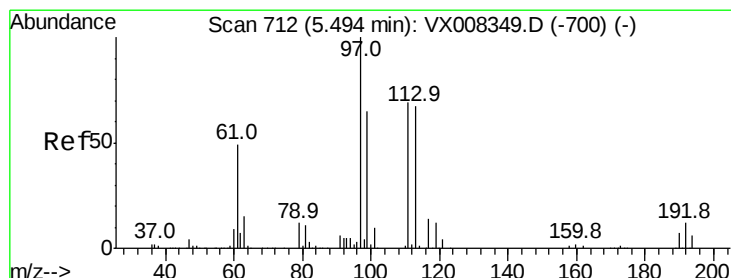
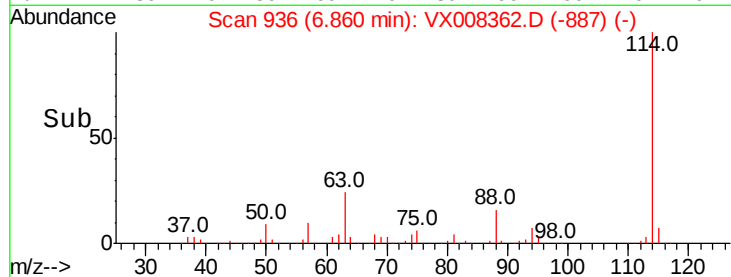
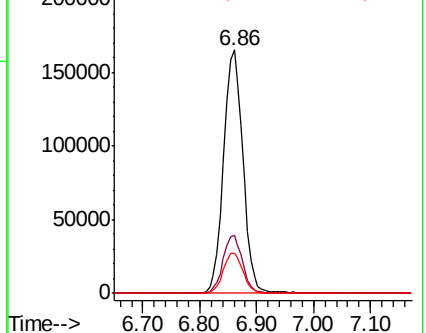
88 16.3 0.0 31.4



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: 47.676 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

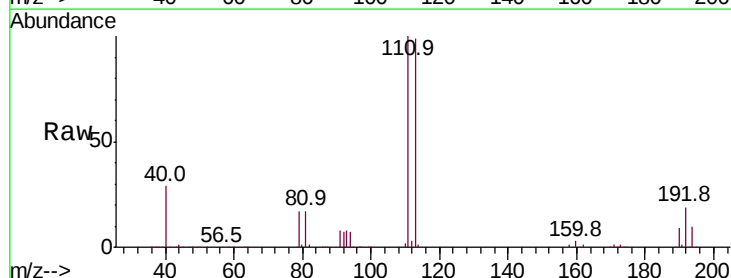
Tgt Ion:113 Resp: 120848

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

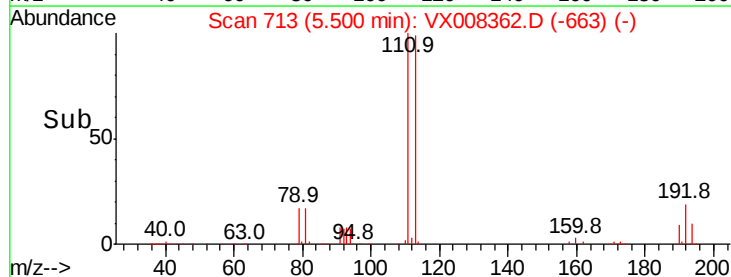
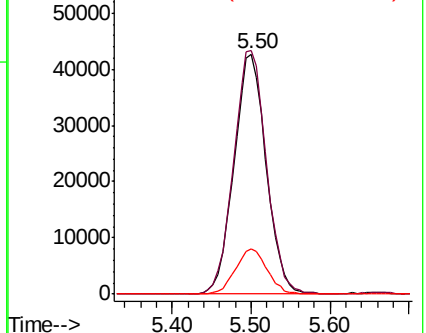
192 18.8 19.4 29.0#

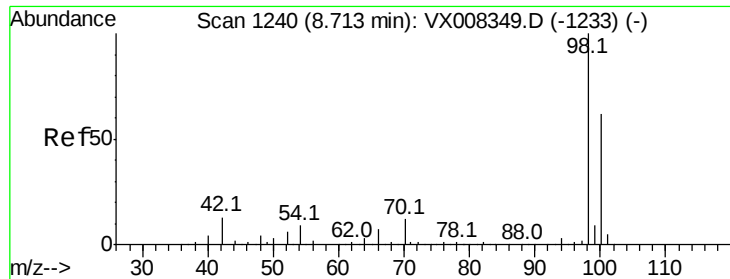


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.067 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

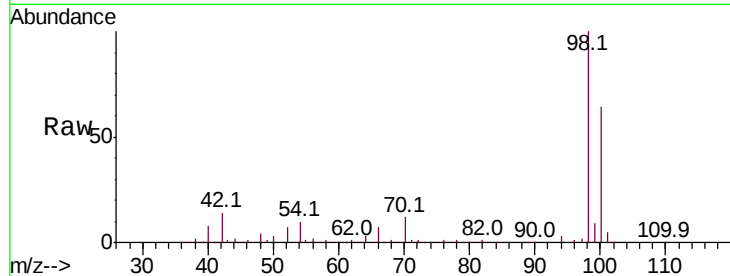
BPS1-TT-MW310S-20190314

Tot Ion: 98 Resp: 491932

Ion Ratio Lower Upper

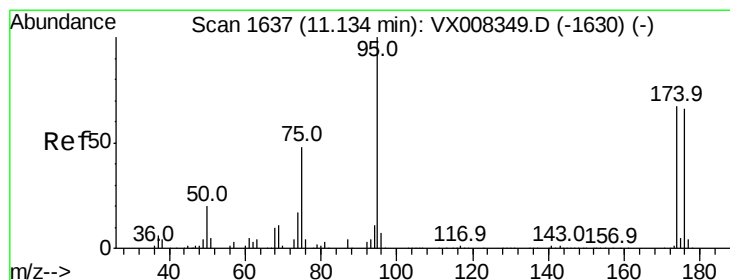
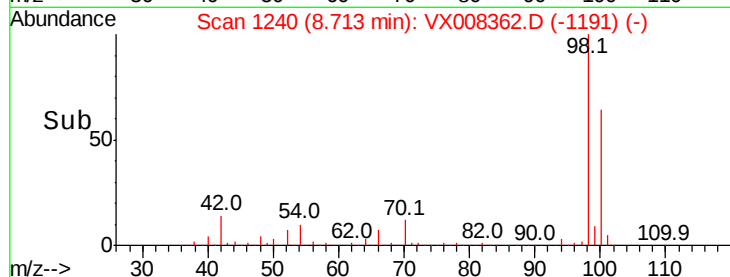
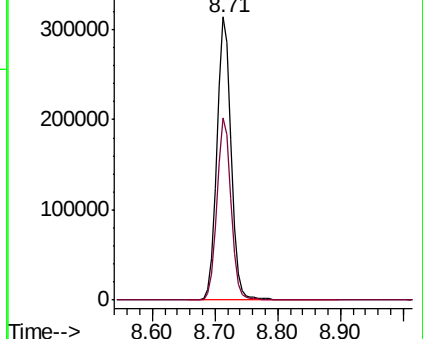
98 100

100 63.8 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: 45.139 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008362.D

Acq: 23 Mar 2019 20:06

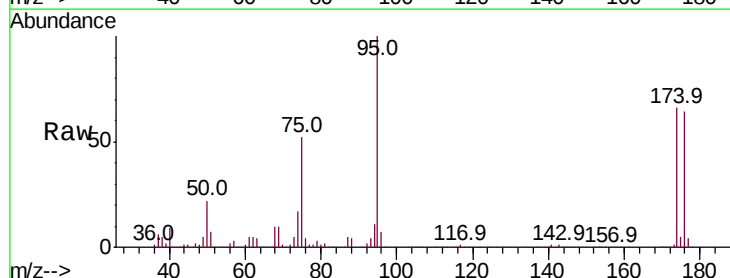
Tgt Ion: 95 Resp: 166157

Ion Ratio Lower Upper

95 100

174 71.8 0.0 182.8

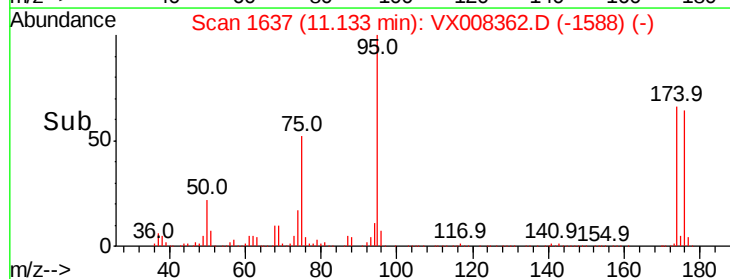
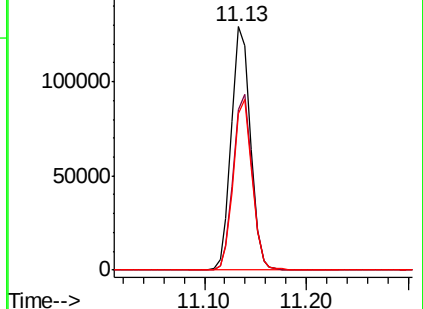
176 69.1 0.0 178.0

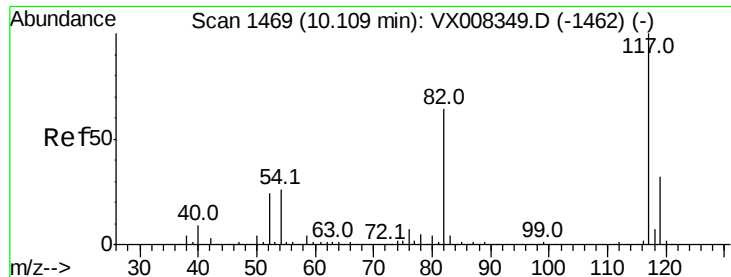


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

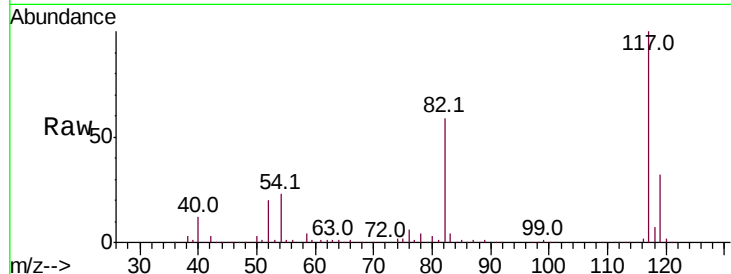




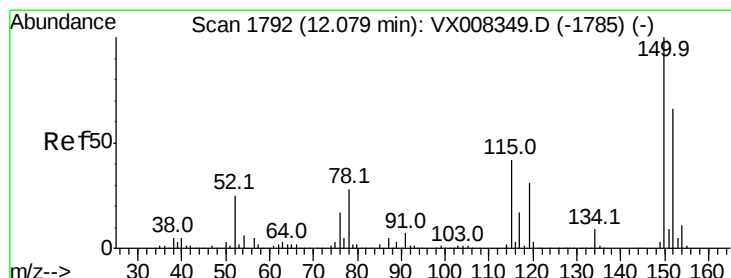
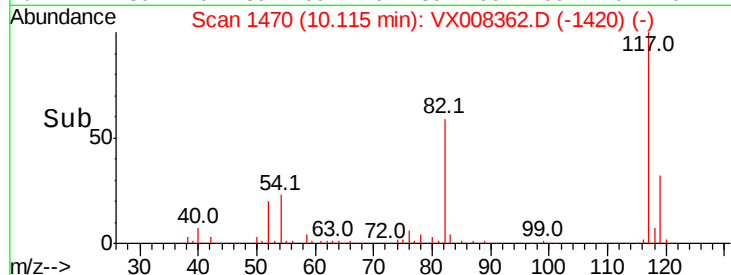
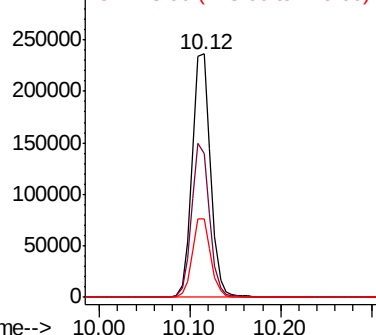
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008362.D
Acq: 23 Mar 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW310S-20190314

Tot Ion:117 Resp: 335035
Ion Ratio Lower Upper
117 100
82 59.1 44.3 66.5
119 32.3 25.3 37.9

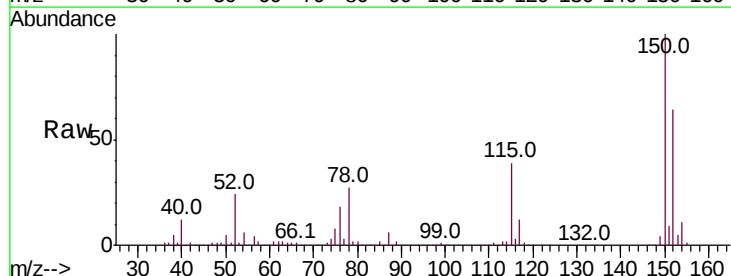


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008362.D
Acq: 23 Mar 2019 20:06

Tgt Ion:152 Resp: 136716
Ion Ratio Lower Upper
152 100
115 62.7 38.6 115.7
150 157.6 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

