

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008713.D
 Acq On : 06 Apr 2019 12:21
 Operator : JC/SP
 Sample : K2292-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 08 03:24:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129973	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147175	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.50	113	108678	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	8.71	98	451148	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	153217	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

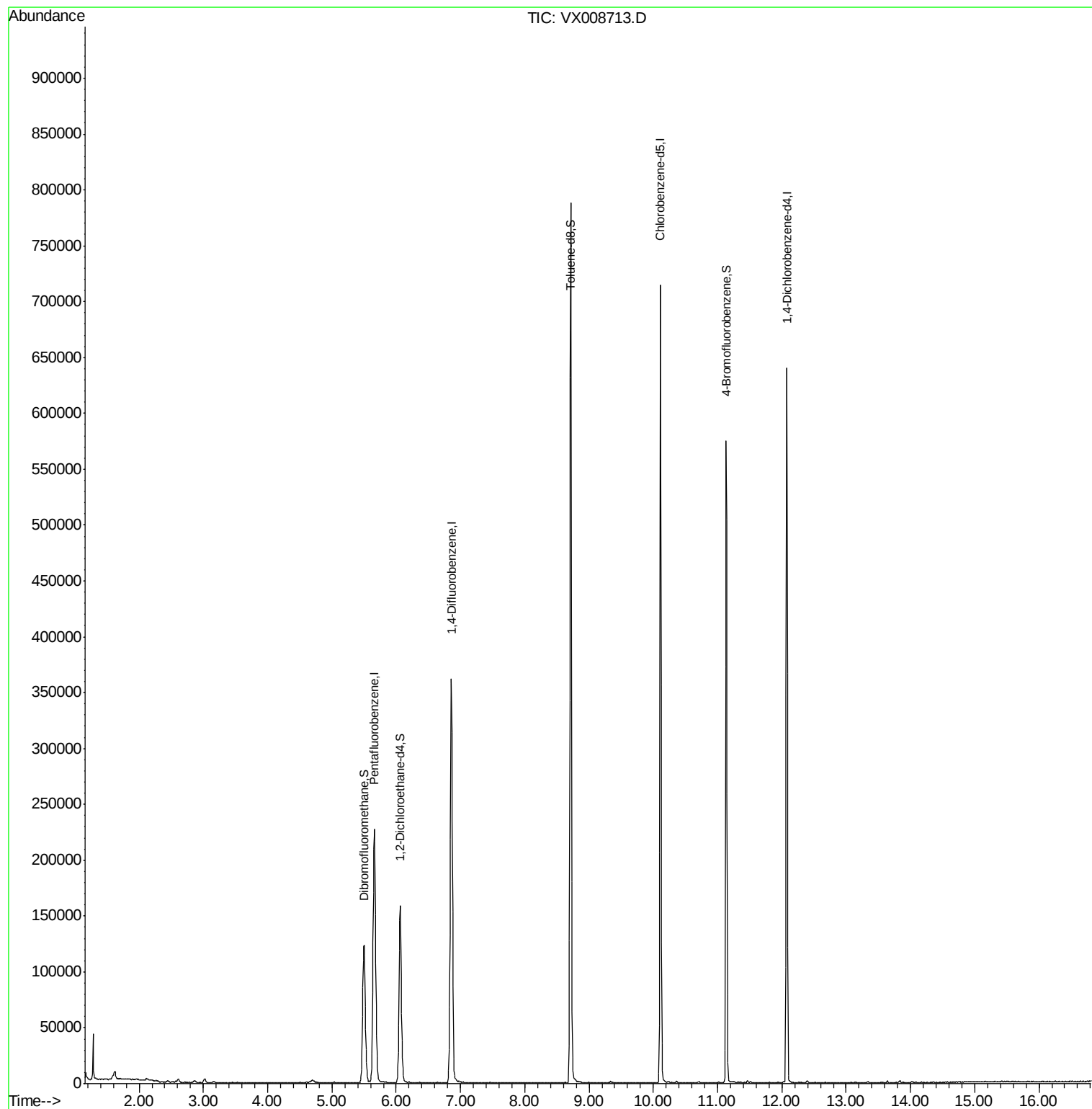
Target Compounds	Qvalue

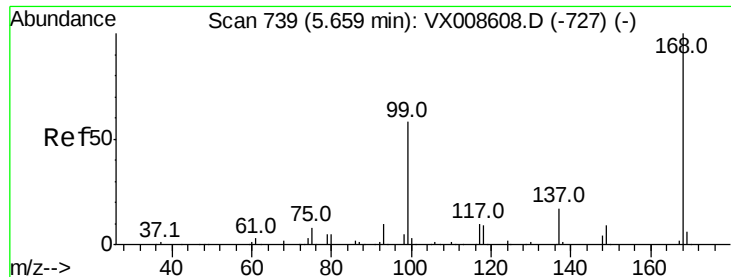
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008713.D

Acq: 06 Apr 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

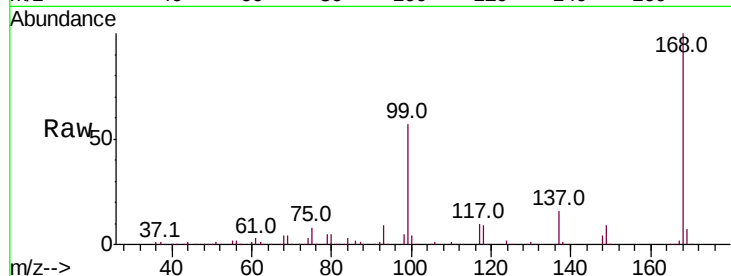
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 217046

Ion Ratio Lower Upper

168 100

99 57.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

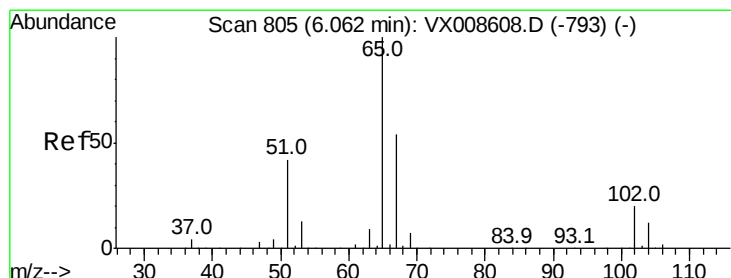
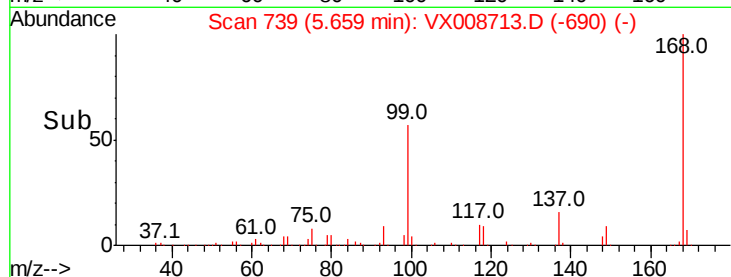
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.490 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008713.D

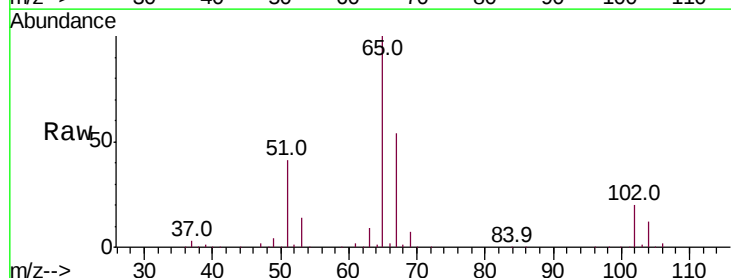
Acq: 06 Apr 2019 12:21

Tgt Ion: 65 Resp: 147175

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

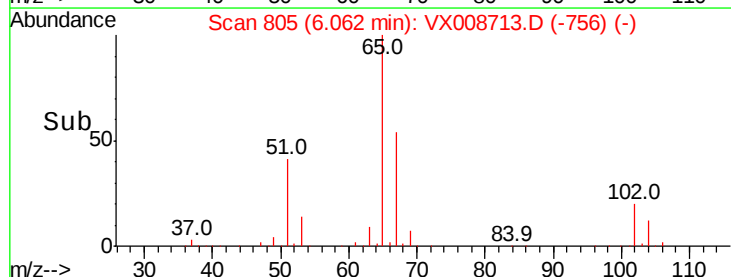
20000

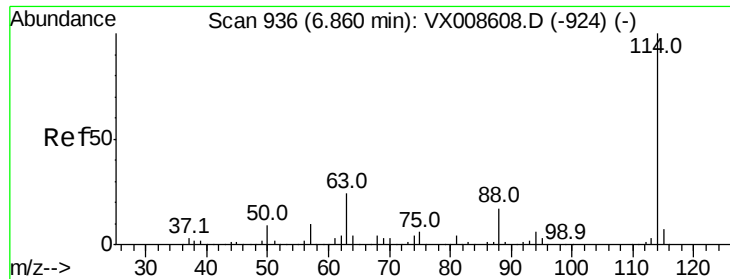
10000

0

Time-->

5.90 6.00 6.10 6.20

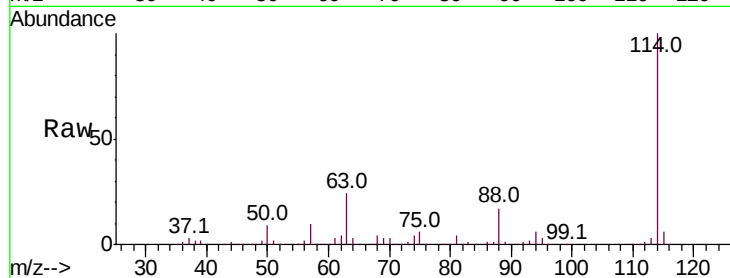




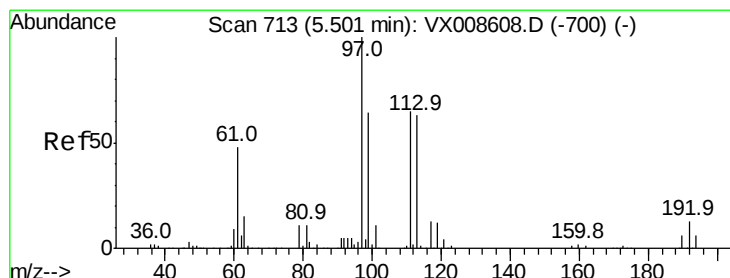
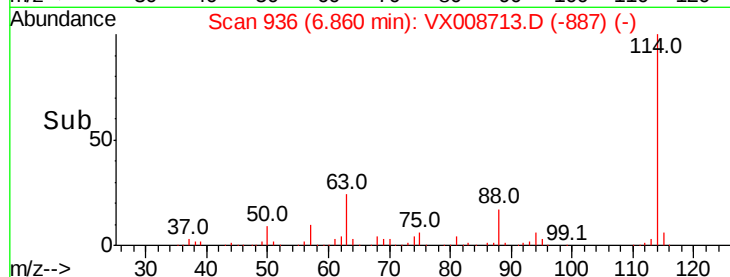
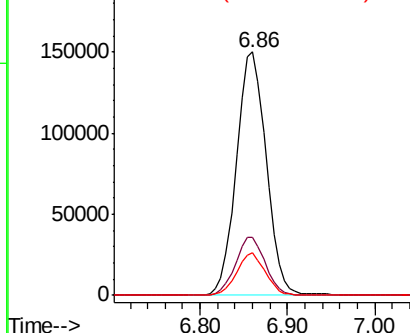
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008713.D
 Acq: 06 Apr 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tot Ion:114 Resp: 357104
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.2
 88 17.3 0.0 34.0

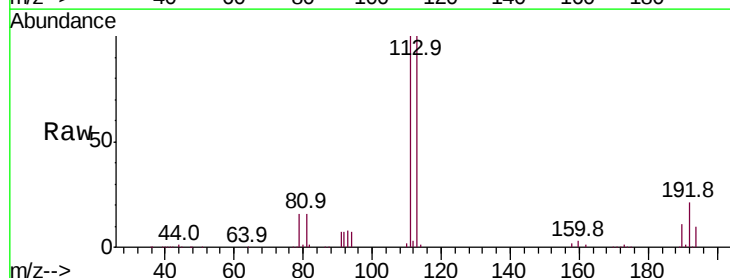


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

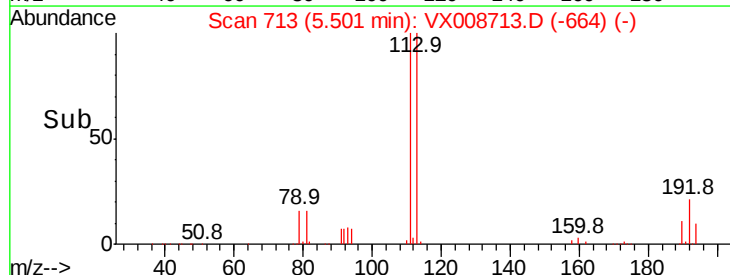
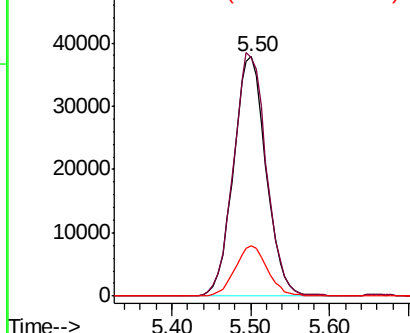


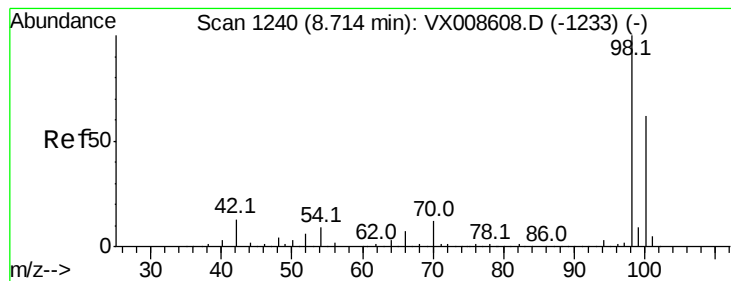
#35
 Dibromofluoromethane
 Concen: 47.599 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008713.D
 Acq: 06 Apr 2019 12:21

Tgt Ion:113 Resp: 108678
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.2
 192 20.9 16.1 24.1



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: 49.626 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008713.D

Acq: 06 Apr 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

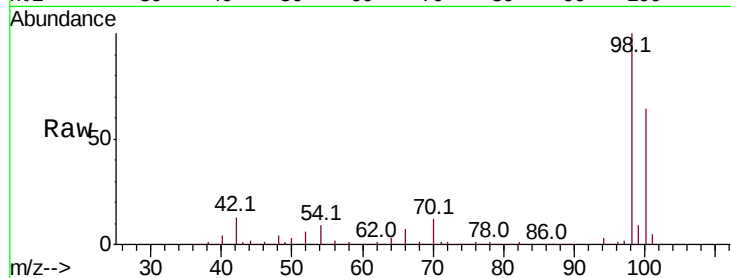
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 451148

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

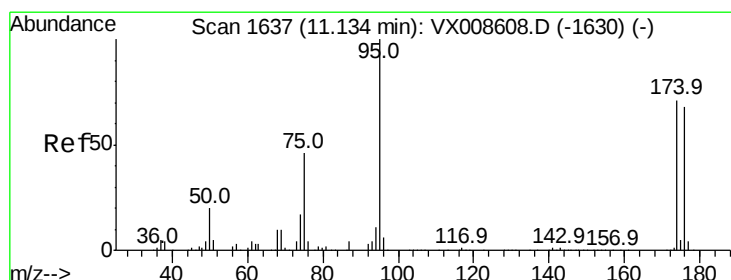
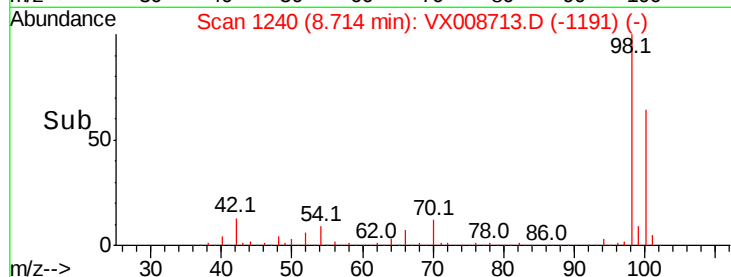
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.526 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008713.D

Acq: 06 Apr 2019 12:21

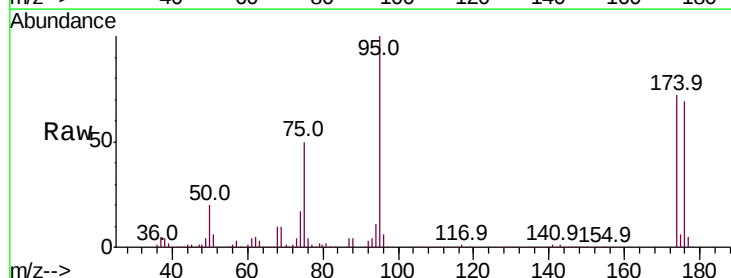
Tgt Ion: 95 Resp: 153217

Ion Ratio Lower Upper

95 100

174 75.9 0.0 151.8

176 74.0 0.0 145.8



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

11.13

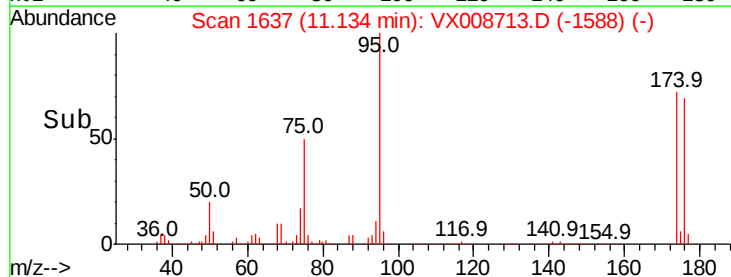
150000

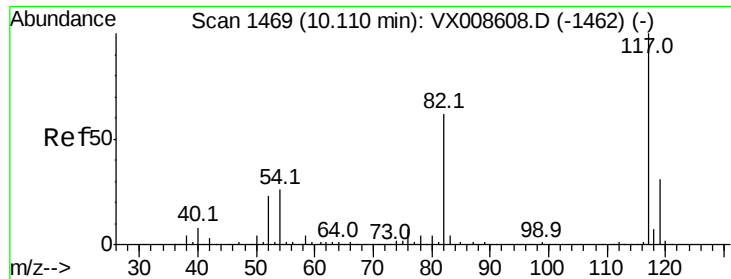
100000

50000

0

Time-->

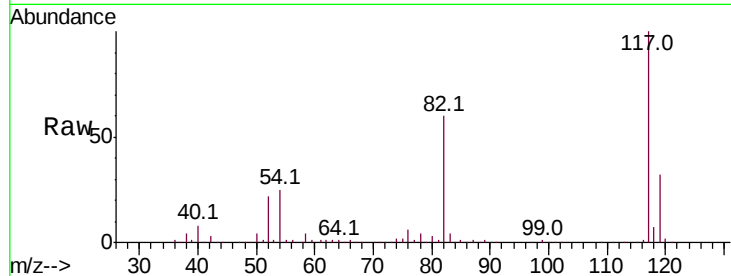




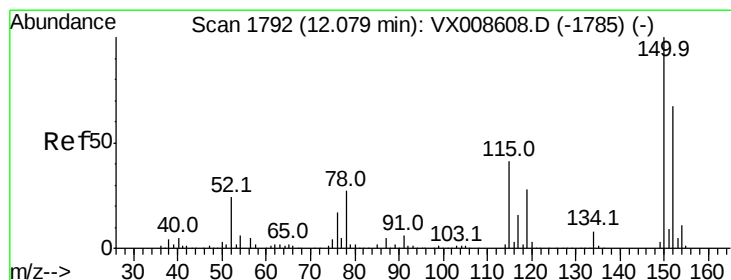
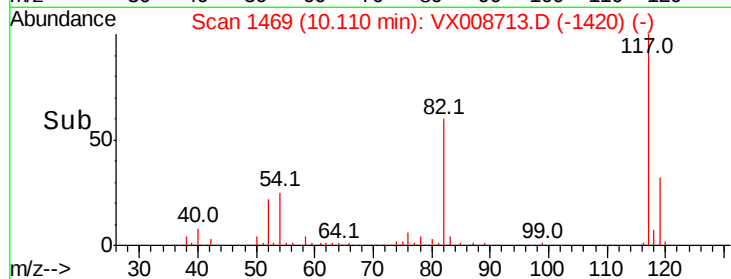
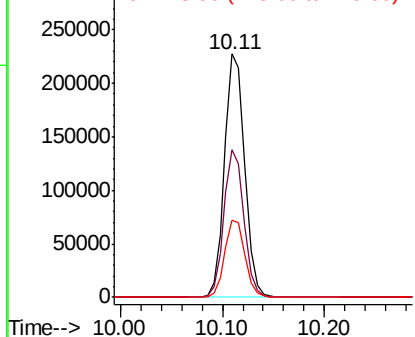
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX008713.D
 Acq: 06 Apr 2019 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 311190
 Ion Ratio Lower Upper
 117 100
 82 60.4 49.6 74.4
 119 31.6 25.0 37.4

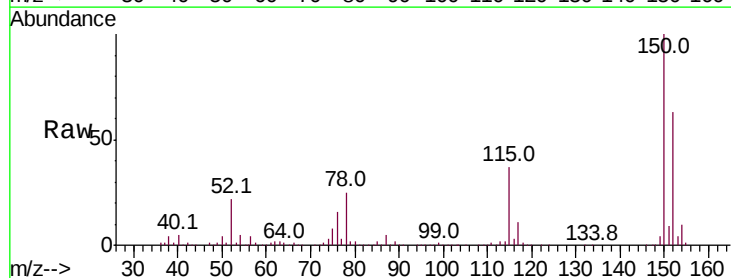


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008713.D
 Acq: 06 Apr 2019 12:21

Tgt Ion:152 Resp: 129973
 Ion Ratio Lower Upper
 152 100
 115 60.5 43.5 130.5
 150 157.9 0.0 348.8



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

