

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010395.D
 Acq On : 21 Jun 2019 19:19
 Operator : JC/SP
 Sample : K3477-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jun 22 01:02:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	453525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	406339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184792	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	137797	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	5.50	113	138375	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	529980	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	175558	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	

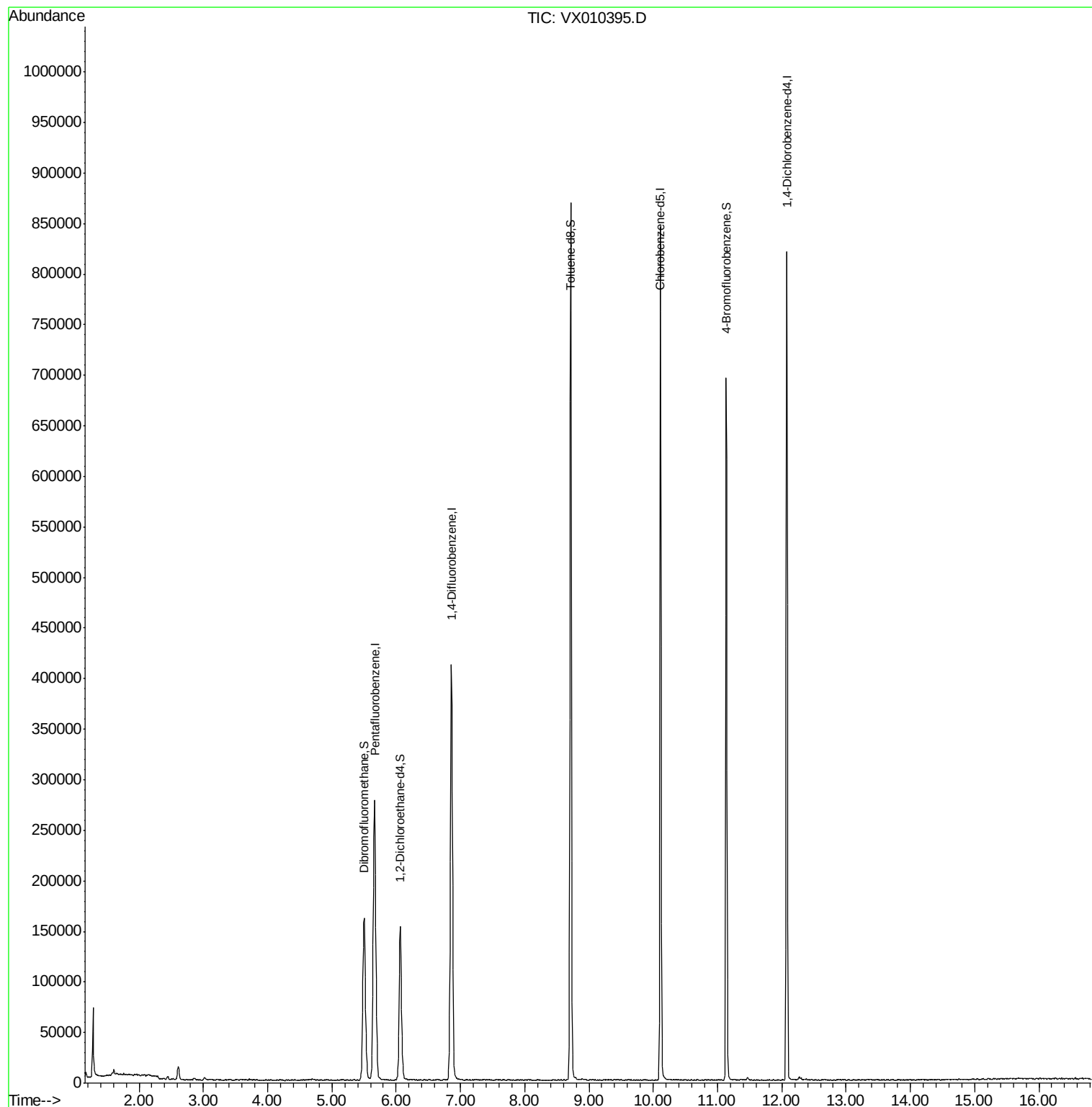
Target Compounds	Qvalue

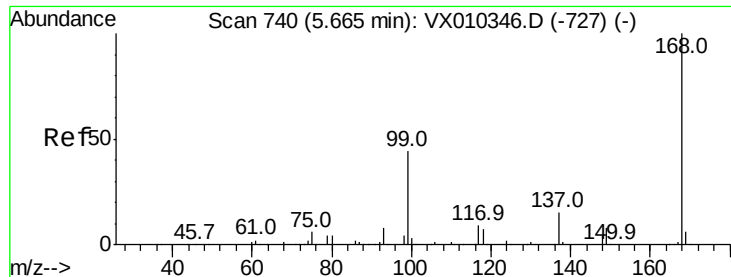
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010395.D

Acq: 21 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

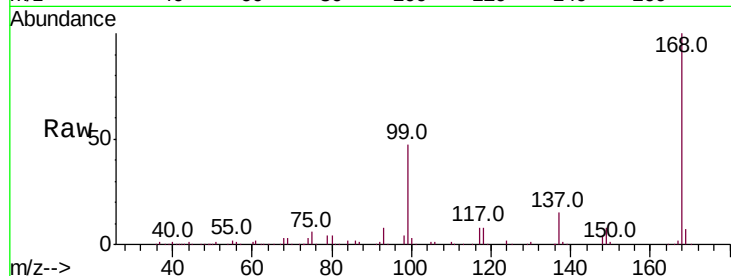
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 292410

Ion Ratio Lower Upper

168 100

99 46.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

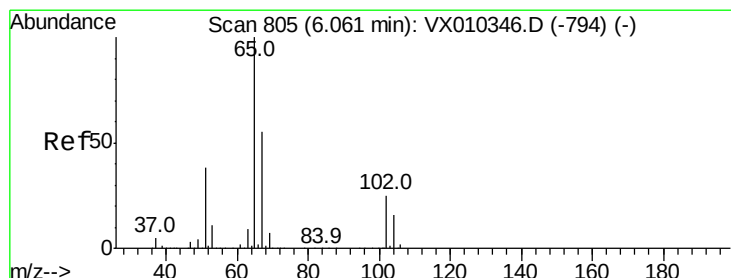
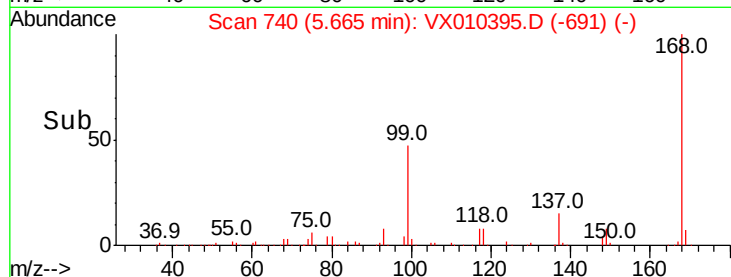
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.261 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010395.D

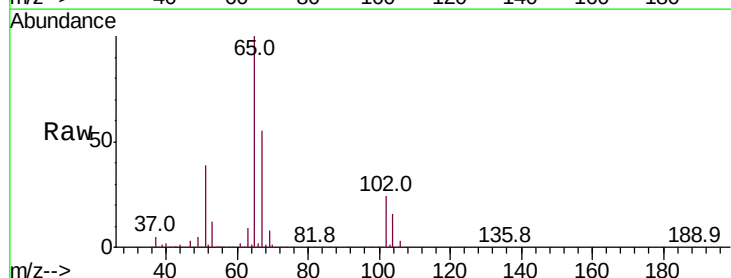
Acq: 21 Jun 2019 19:19

Tgt Ion: 65 Resp: 137797

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

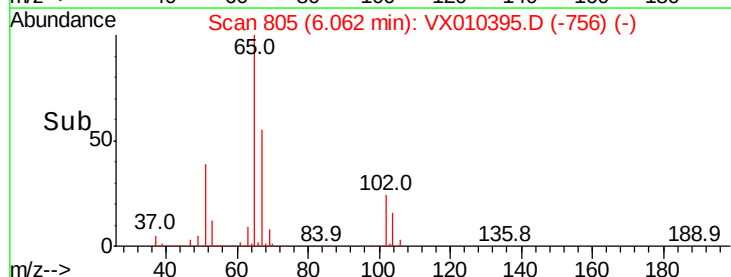
30000

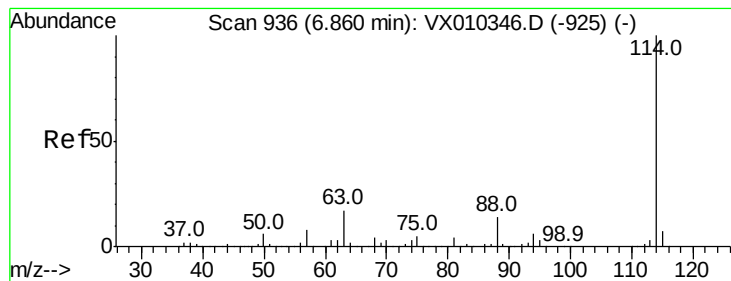
20000

10000

0

Time--> 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: VX010395.D

Acq: 21 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

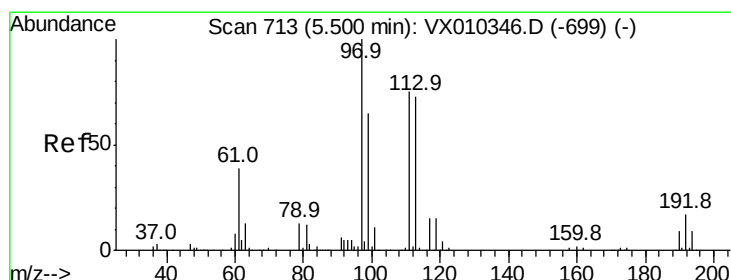
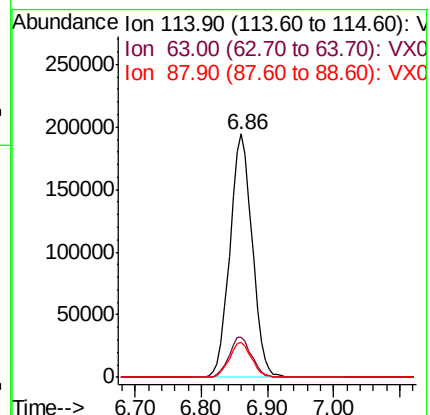
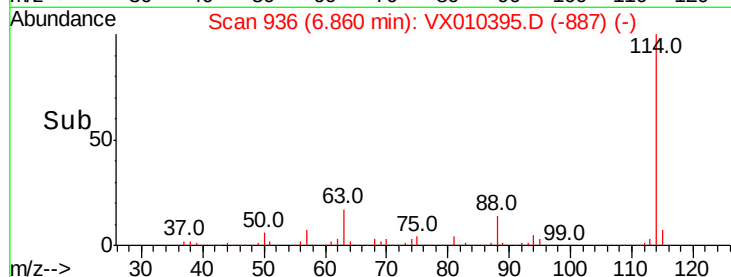
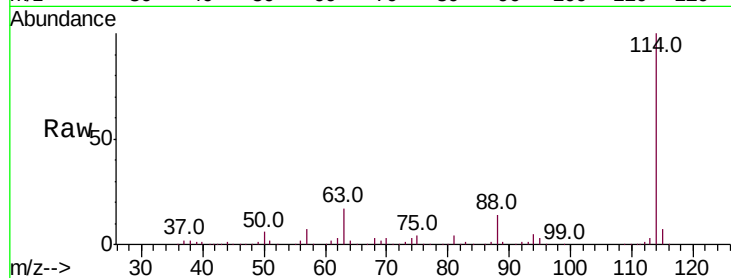
Tot Ion:114 Resp: 453525

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

88 14.1 0.0 27.6



#35

Dibromofluoromethane

Concen: 49.868 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010395.D

Acq: 21 Jun 2019 19:19

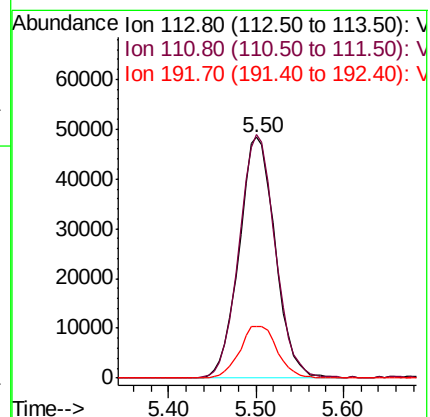
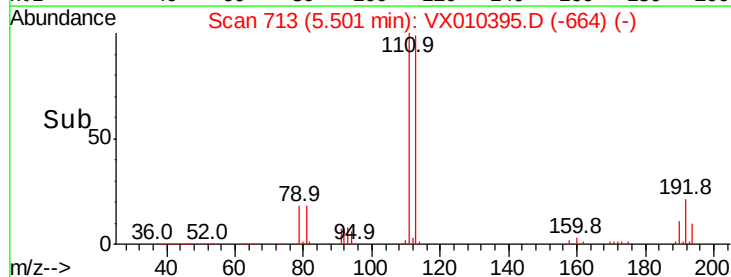
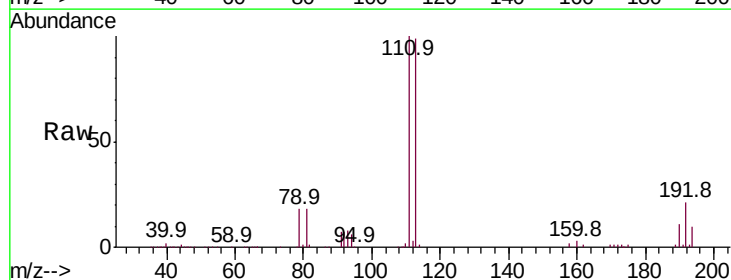
Tgt Ion:113 Resp: 138375

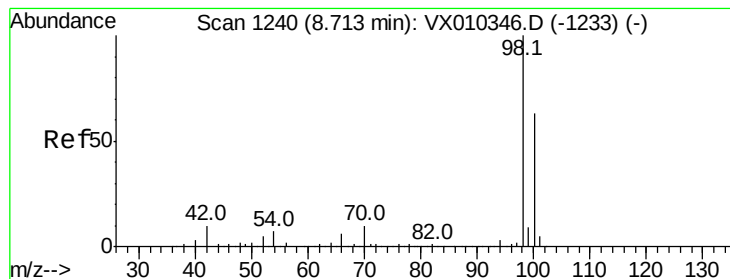
Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

192 22.3 18.6 27.8





#50

Toluene-d8

Concen: 49.923 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010395.D

Acq: 21 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

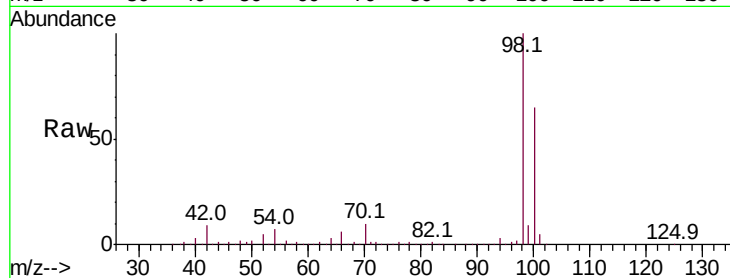
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 529980

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

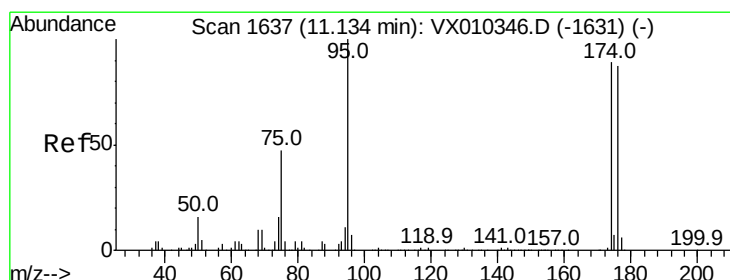
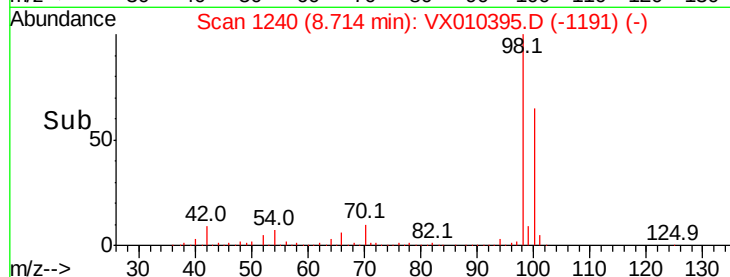
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.806 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010395.D

Acq: 21 Jun 2019 19:19

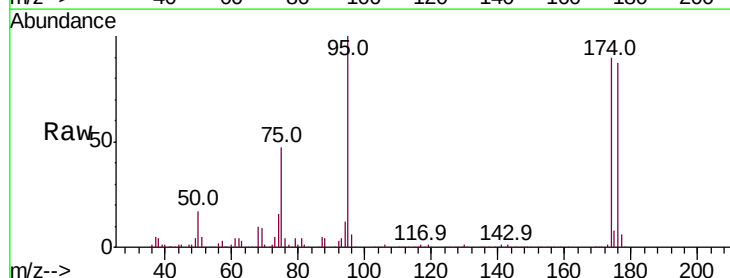
Tgt Ion: 95 Resp: 175558

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.6

176 91.1 0.0 184.0



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

11.13

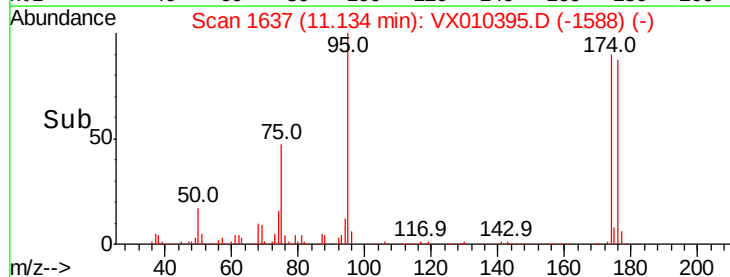
150000

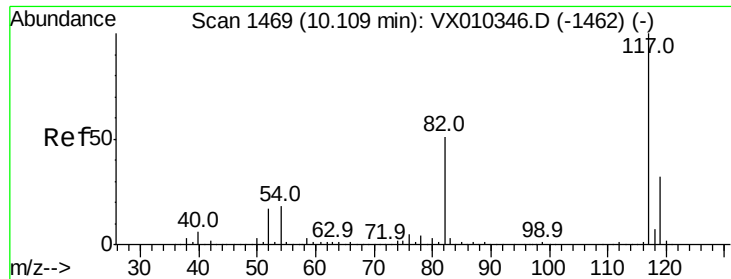
100000

50000

0

Time-->

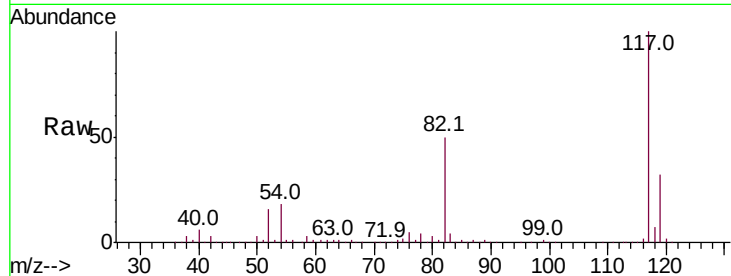




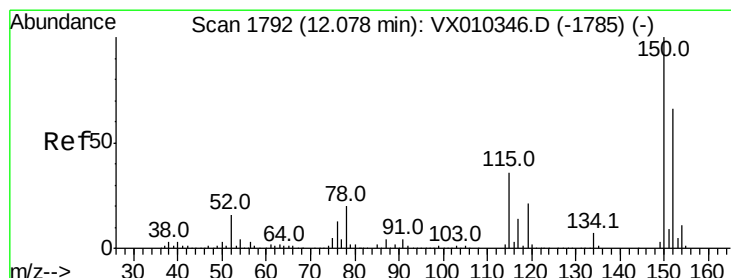
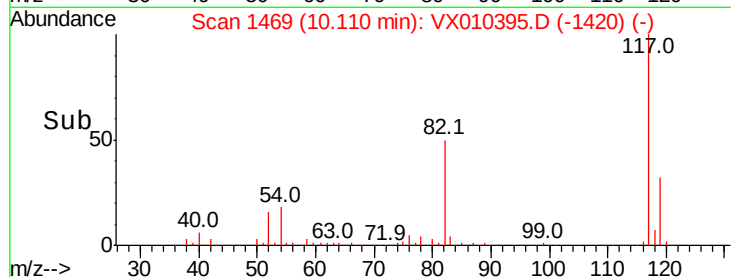
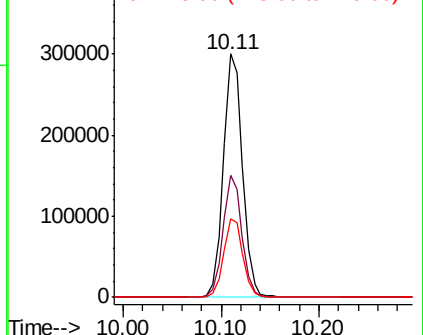
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX010395.D
 Acq: 21 Jun 2019 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 406339
 Ion Ratio Lower Upper
 117 100
 82 50.3 41.2 61.8
 119 32.0 25.5 38.3

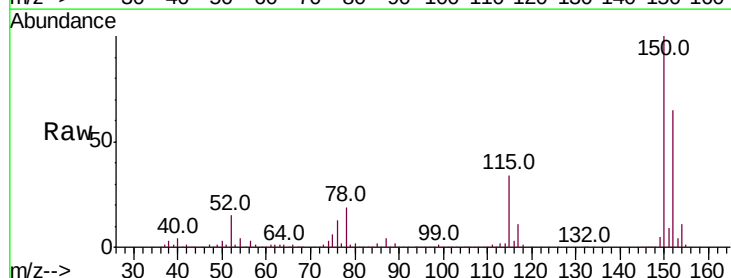


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010395.D
 Acq: 21 Jun 2019 19:19

Tgt Ion:152 Resp: 184792
 Ion Ratio Lower Upper
 152 100
 115 54.5 38.6 115.7
 150 156.6 0.0 347.4



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

