

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010396.D
 Acq On : 21 Jun 2019 19:42
 Operator : JC/SP
 Sample : K3486-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-2

Quant Time: Jun 24 16:31:40 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

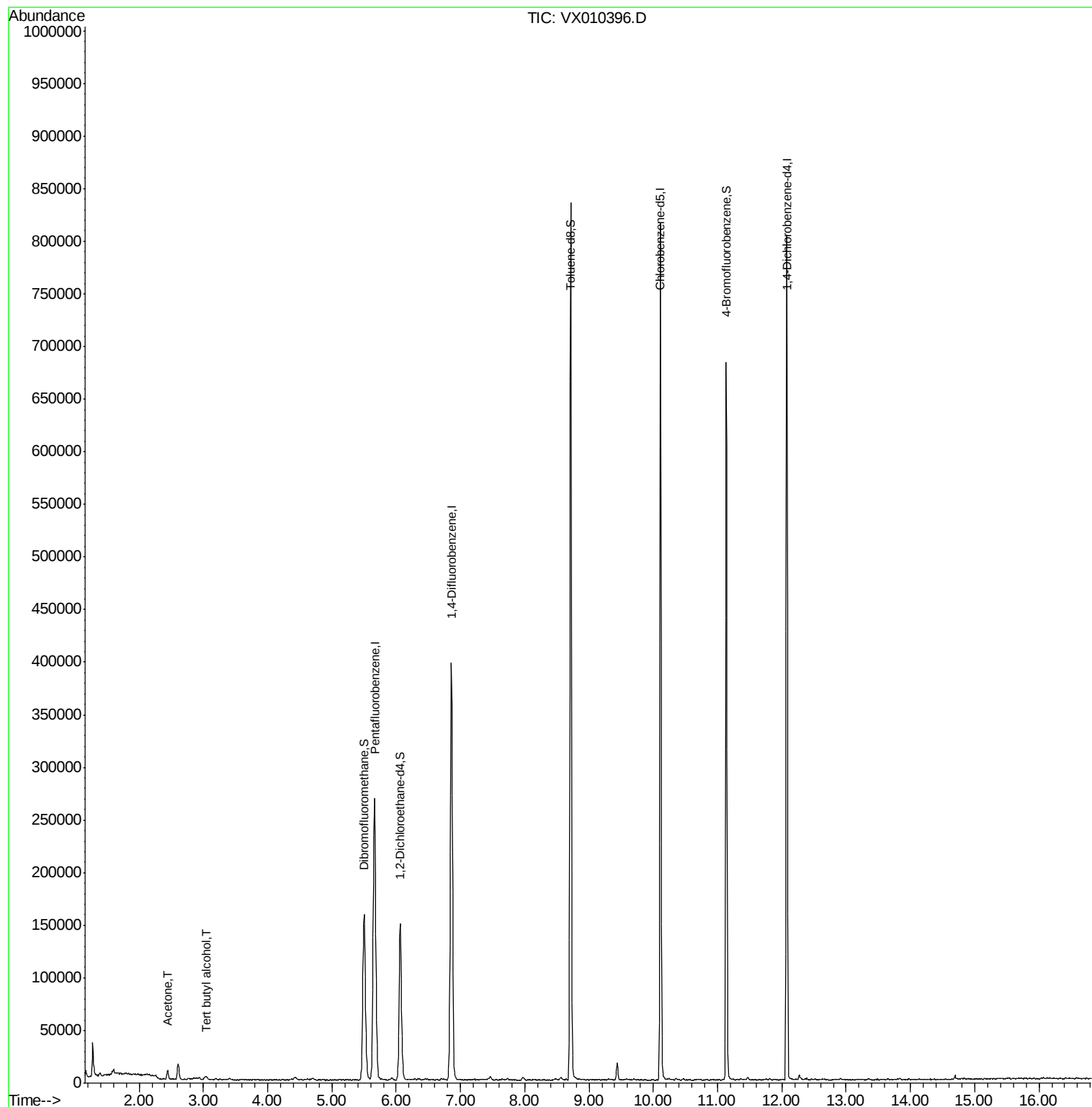
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	436346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	391115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133855	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	133370	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	511400	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	172411	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
11) Tert butyl alcohol	3.05	59	4074	5.852	ug/l #	91
16) Acetone	2.45	43	9086	6.814	ug/l	96

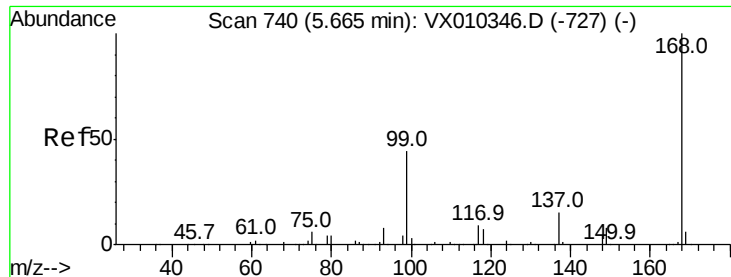
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010396.D

Acq: 21 Jun 2019 19:42

Instrument :

MSVOA_X

ClientSampled :

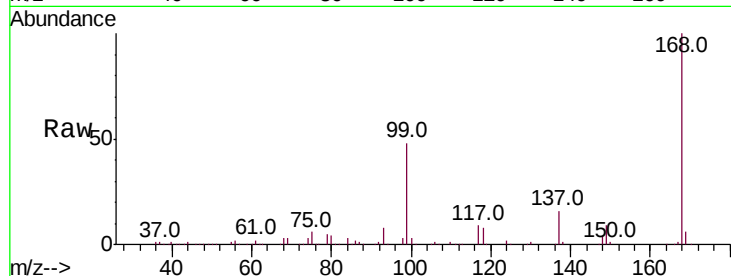
W-2

Tot Ion:168 Resp: 283764

Ion Ratio Lower Upper

168 100

99 47.7 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

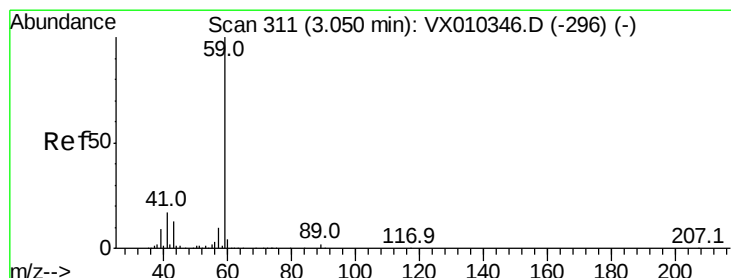
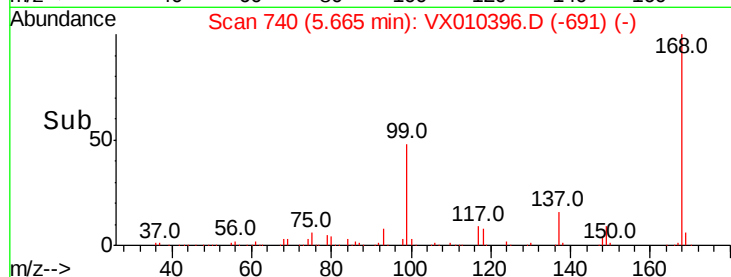
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 5.852 ug/l

RT: 3.05 min Scan# 311

Delta R.T. 0.00 min

Lab File: VX010396.D

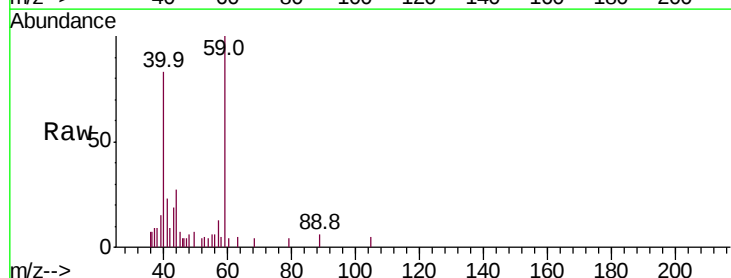
Acq: 21 Jun 2019 19:42

Tgt Ion: 59 Resp: 4074

Ion Ratio Lower Upper

59 100

57 12.8 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.05

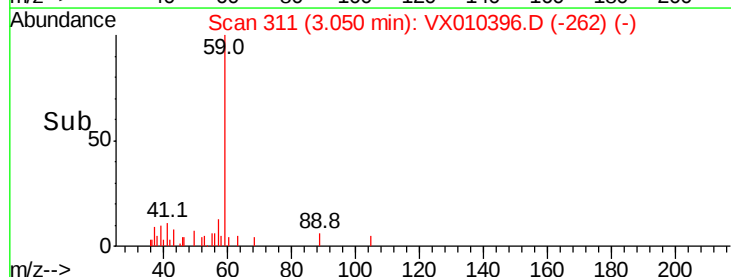
1500

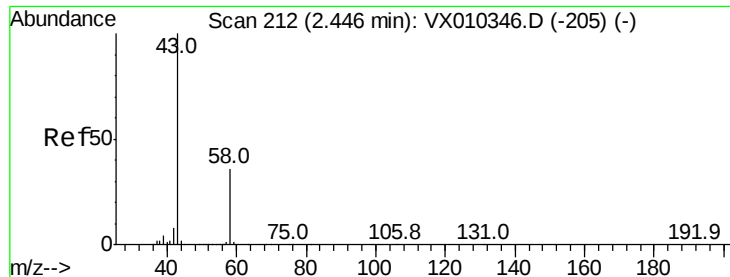
1000

500

0

Time--> 2.95 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 6.814 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010396.D

Acq: 21 Jun 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

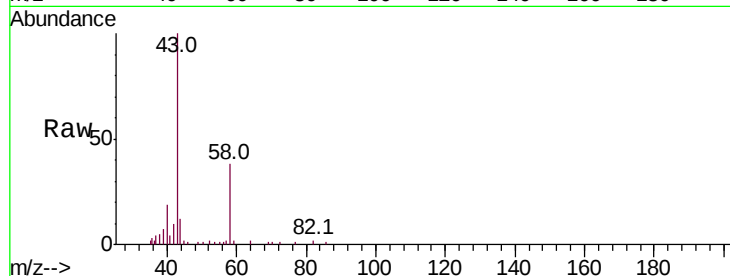
W-2

Tot Ion: 43 Resp: 9086

Ion Ratio Lower Upper

43 100

58 38.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

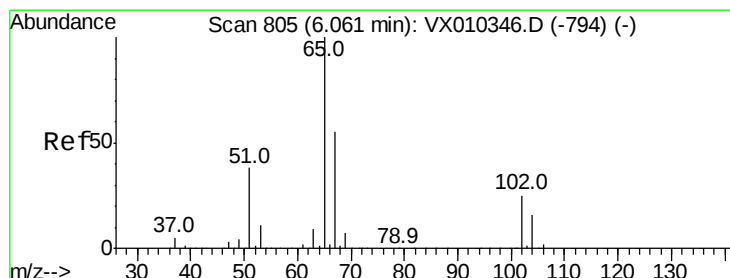
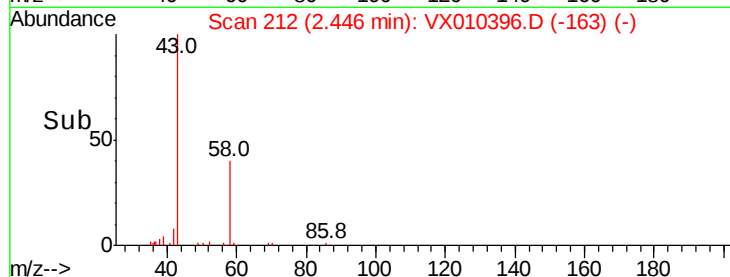
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55



#33

1,2-Dichloroethane-d4

Concen: 50.311 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010396.D

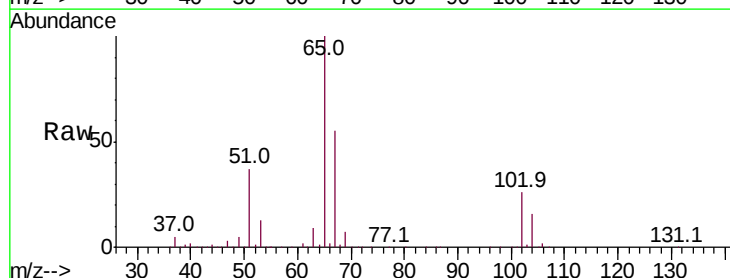
Acq: 21 Jun 2019 19:42

Tgt Ion: 65 Resp: 133855

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

50000

40000

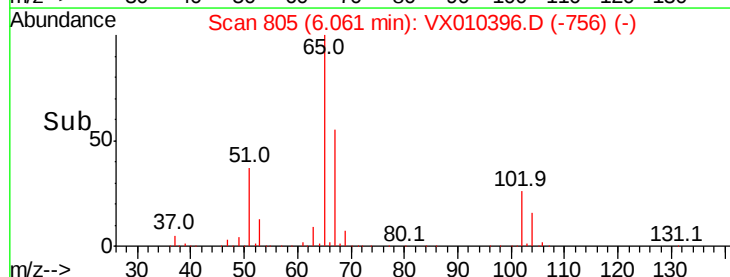
30000

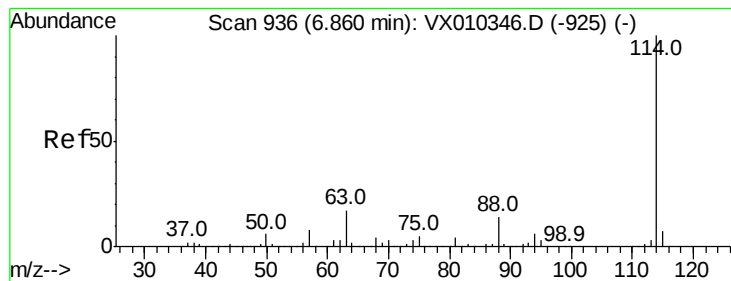
20000

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: VX010396.D

Acq: 21 Jun 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

W-2

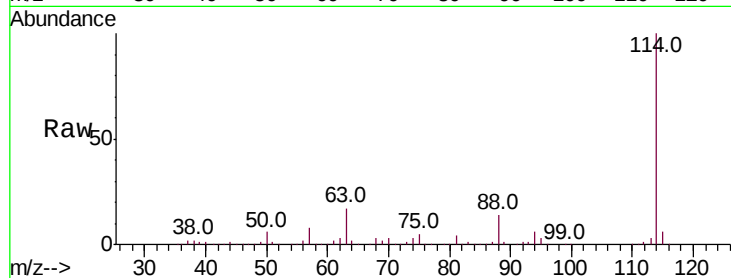
Tot Ion:114 Resp: 436346

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

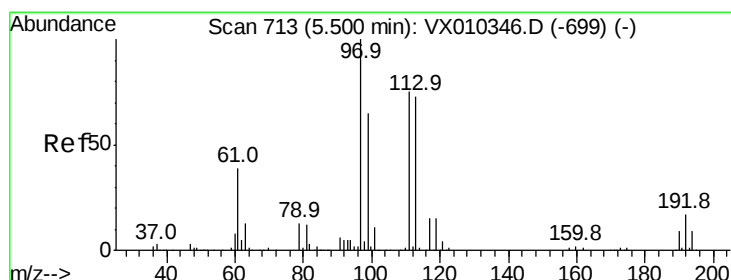
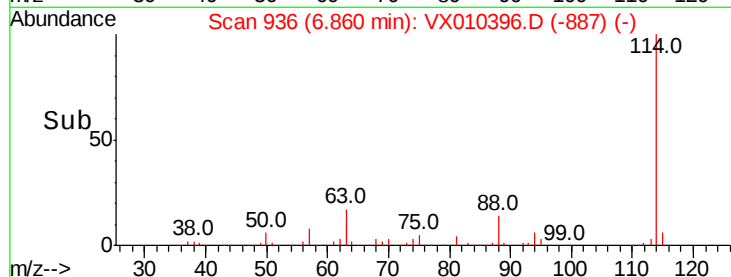
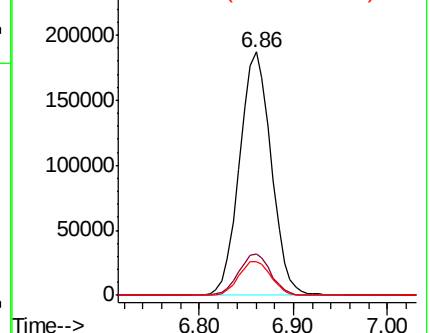
88 14.0 0.0 27.6



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: 49.956 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010396.D

Acq: 21 Jun 2019 19:42

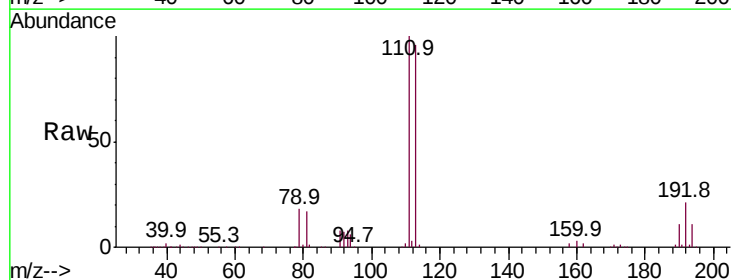
Tgt Ion:113 Resp: 133370

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

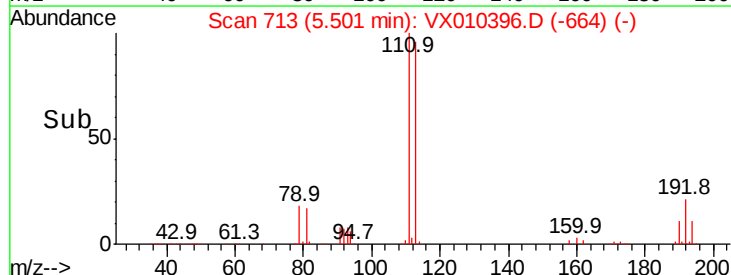
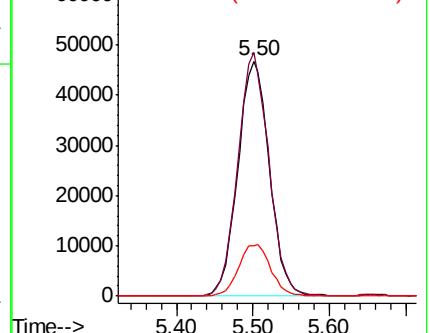
192 22.5 18.6 27.8

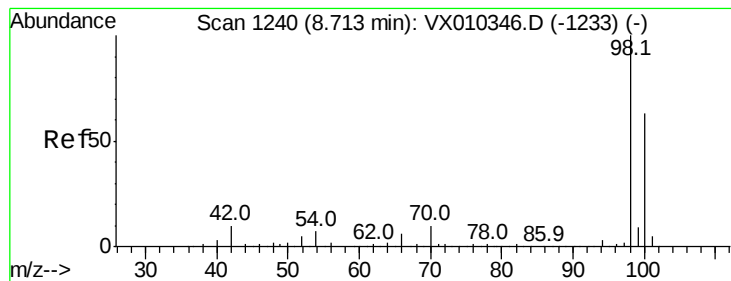


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.069 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010396.D

Acq: 21 Jun 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

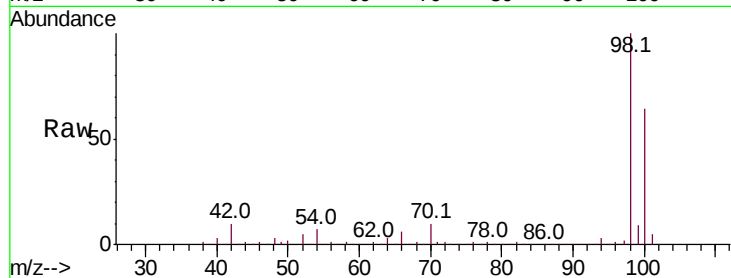
W-2

Tot Ion: 98 Resp: 511400

Ion Ratio Lower Upper

98 100

100 64.6 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

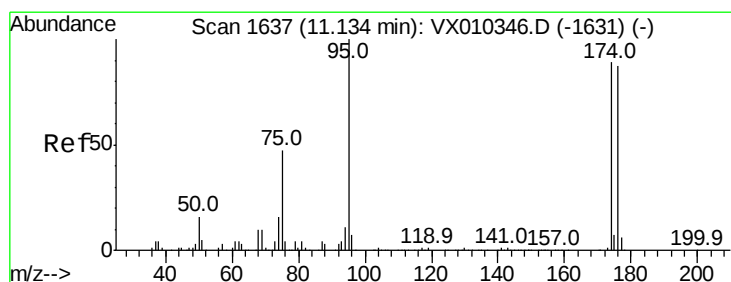
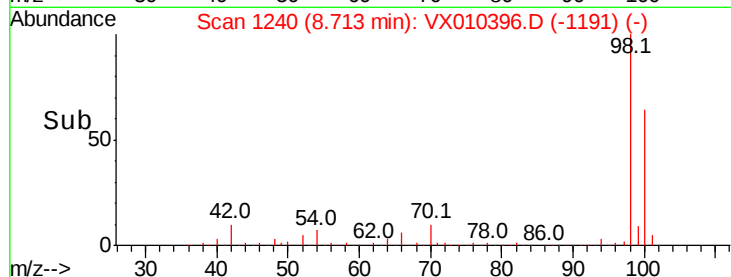
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.756 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010396.D

Acq: 21 Jun 2019 19:42

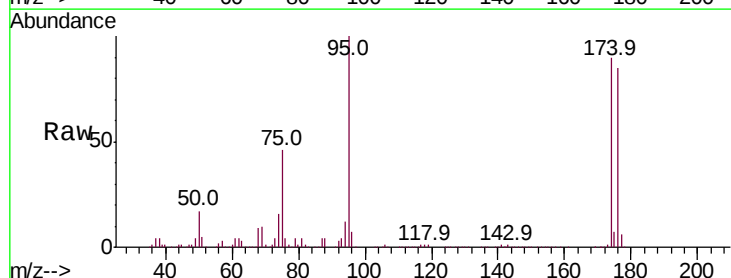
Tgt Ion: 95 Resp: 172411

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.6

176 91.2 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

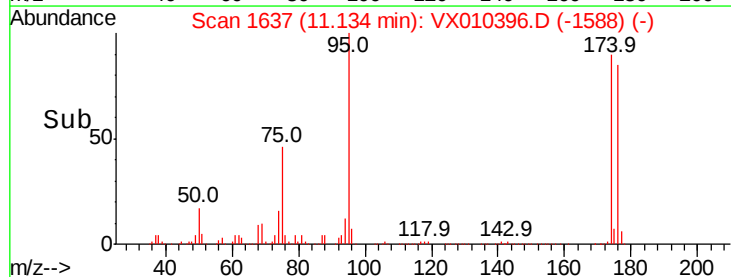
150000

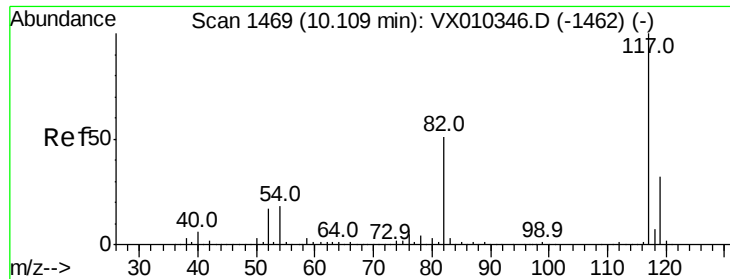
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010396.D

Acq: 21 Jun 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

W-2

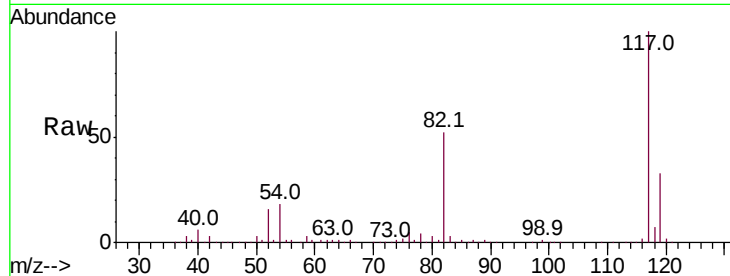
Tot Ion:117 Resp: 391115

Ion Ratio Lower Upper

117 100

82 52.1 41.2 61.8

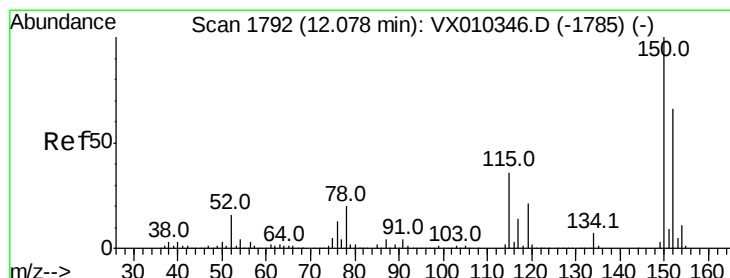
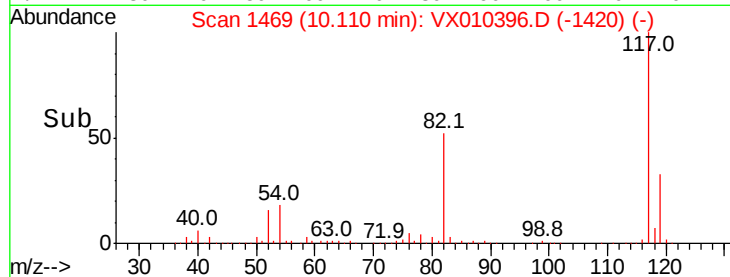
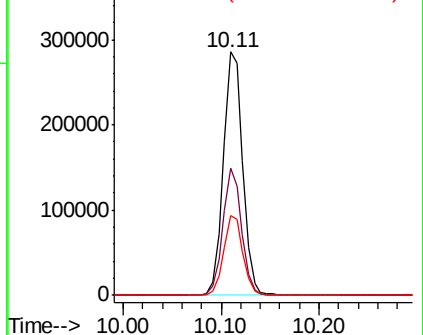
119 32.9 25.5 38.3



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: VX010396.D

Acq: 21 Jun 2019 19:42

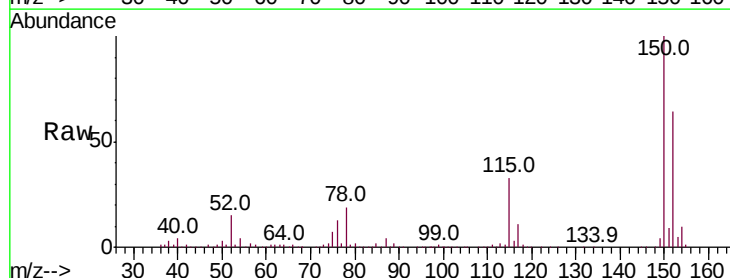
Tgt Ion:152 Resp: 179529

Ion Ratio Lower Upper

152 100

115 54.9 38.6 115.7

150 158.9 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

