

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010245.D
 Acq On : 12 Jun 2019 13:04
 Operator : JC/SP
 Sample : K3309-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611

Quant Time: Jun 13 01:59:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

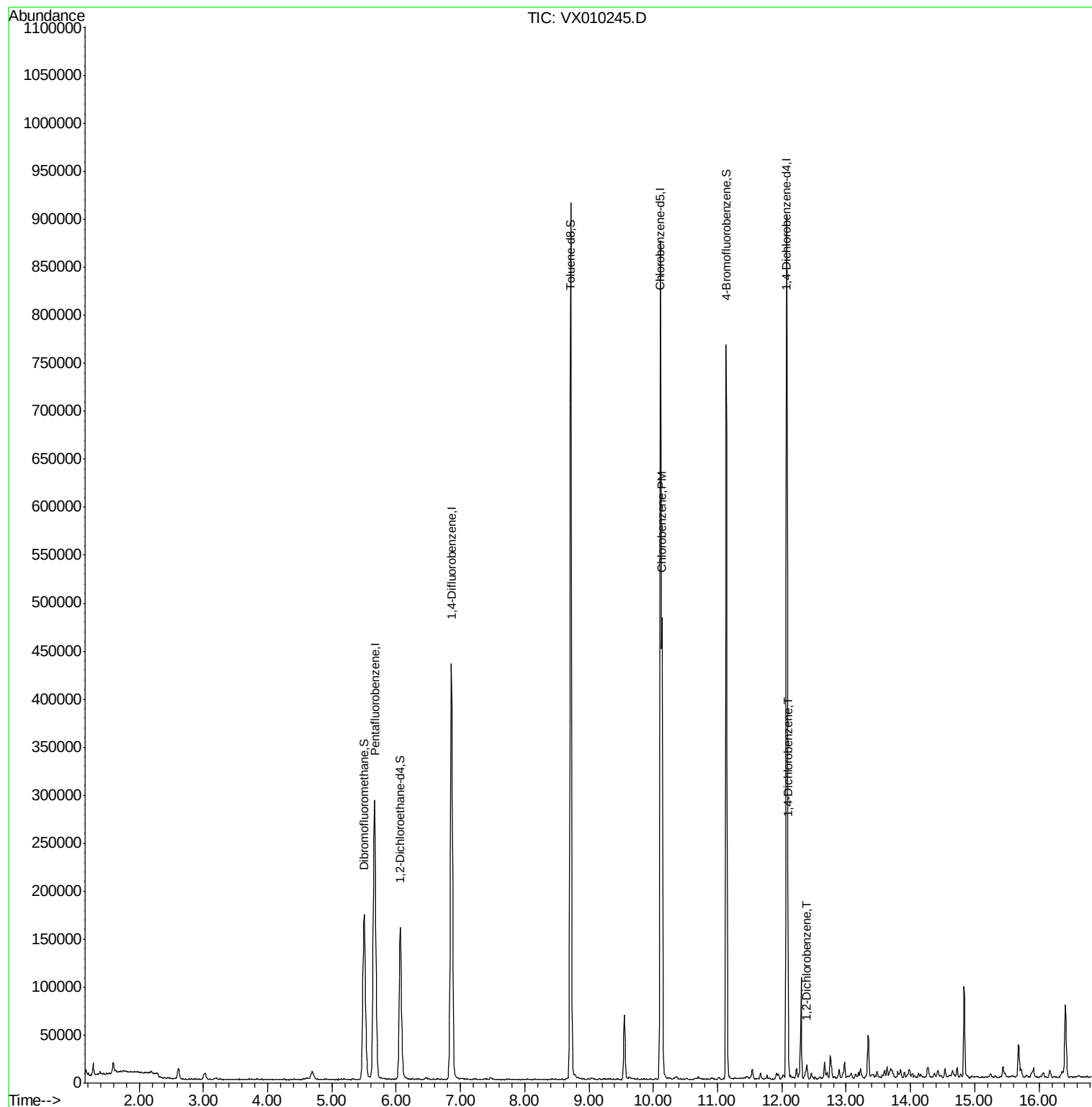
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	432109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142367	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
35) Dibromofluoromethane	5.50	113	147722	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	8.71	98	559971	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	193439	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
65) Chlorobenzene	10.13	112	211524	23.718	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	24500	3.468	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	4438	0.651	ug/l	93

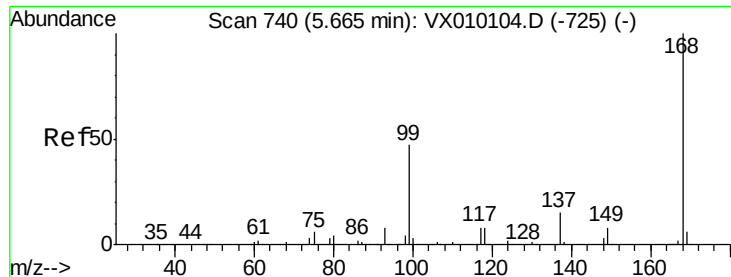
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061219\
Data File : VX010245.D
Acq On : 12 Jun 2019 13:04
Operator : JC/SP
Sample : K3309-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611

Quant Time: Jun 13 01:59:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010245.D

Acq: 12 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

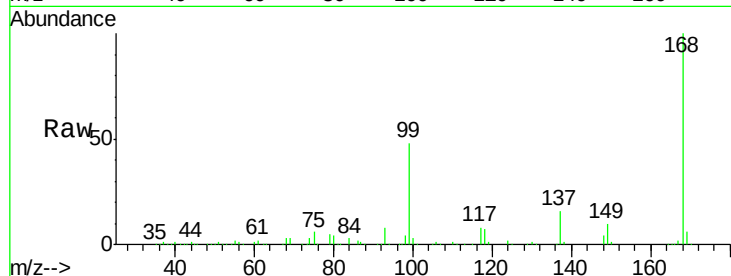
SS043MW010-190611

Tot Ion:168 Resp: 312915

Ion Ratio Lower Upper

168 100

99 48.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

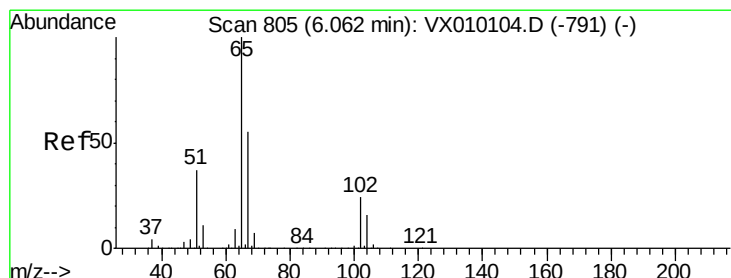
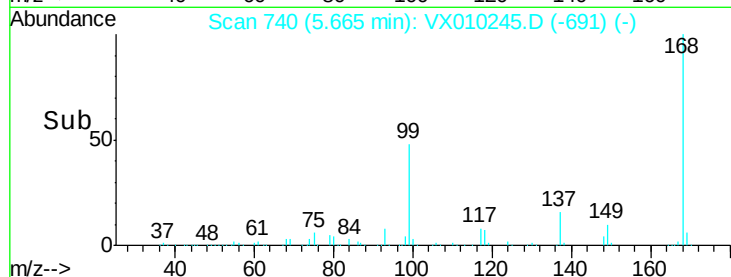
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.610 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010245.D

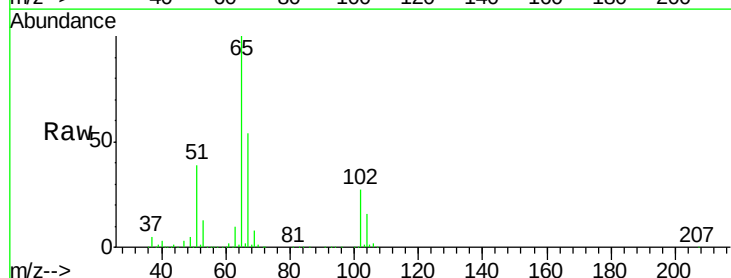
Acq: 12 Jun 2019 13:04

Tgt Ion: 65 Resp: 142367

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

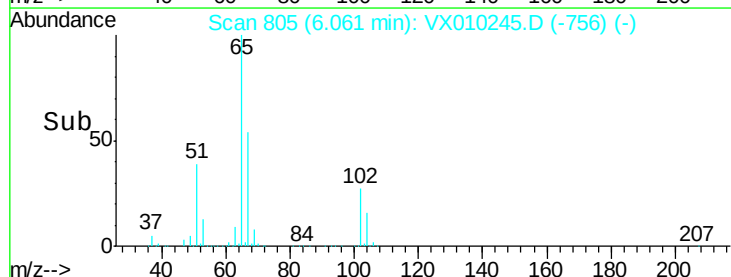
30000

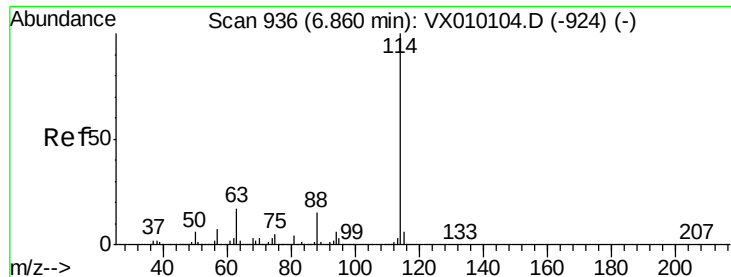
20000

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: VX010245.D

Acq: 12 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611

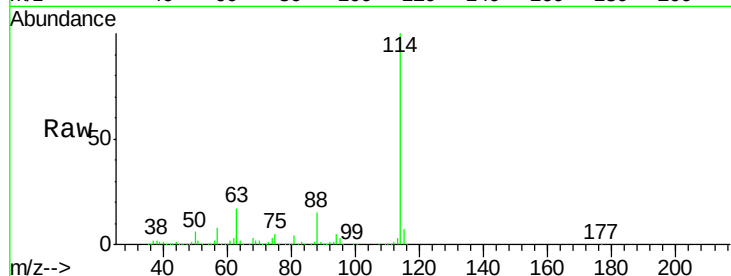
Tot Ion:114 Resp: 479853

Ion Ratio Lower Upper

114 100

63 16.7 0.0 47.4

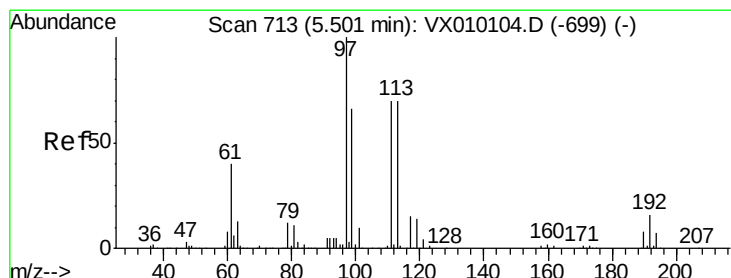
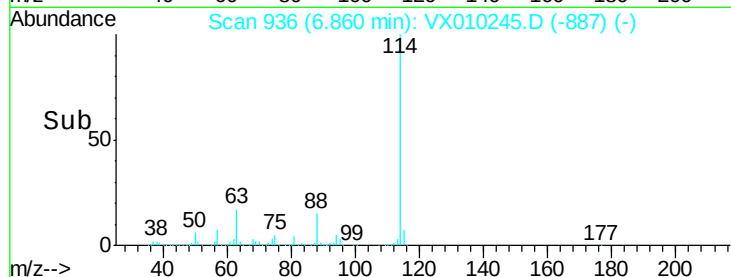
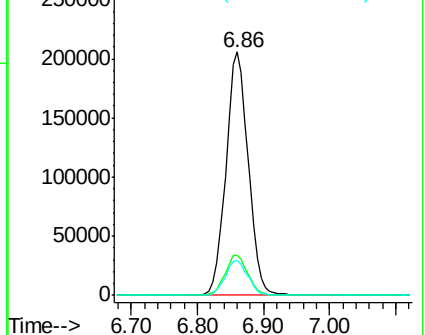
88 14.6 0.0 33.0



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: 49.909 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010245.D

Acq: 12 Jun 2019 13:04

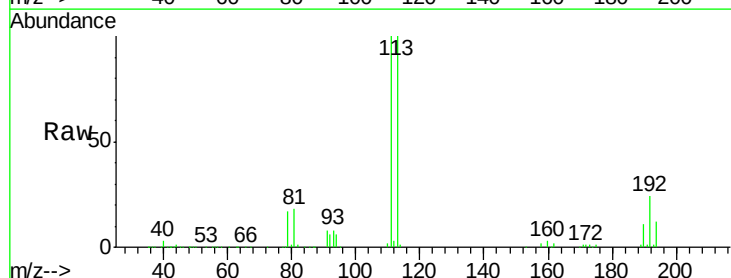
Tgt Ion:113 Resp: 147722

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

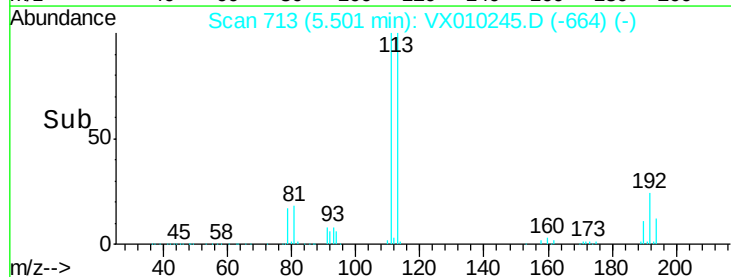
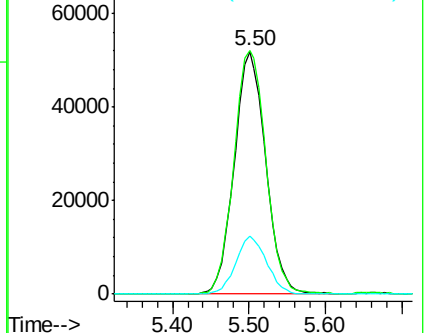
192 23.5 17.1 25.7

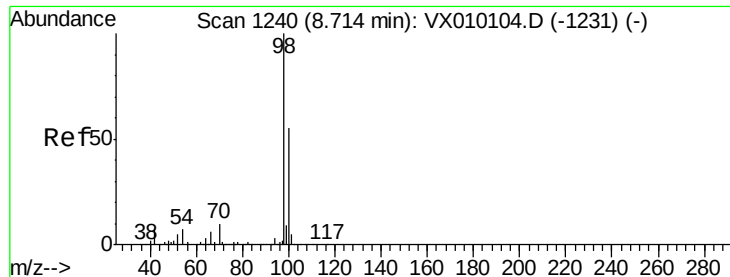


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.480 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010245.D

Acq: 12 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

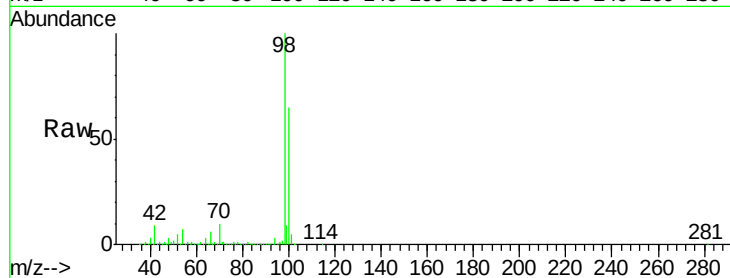
SS043MW010-190611

Tot Ion: 98 Resp: 559971

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

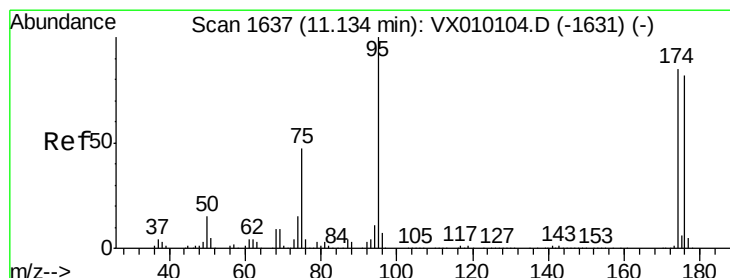
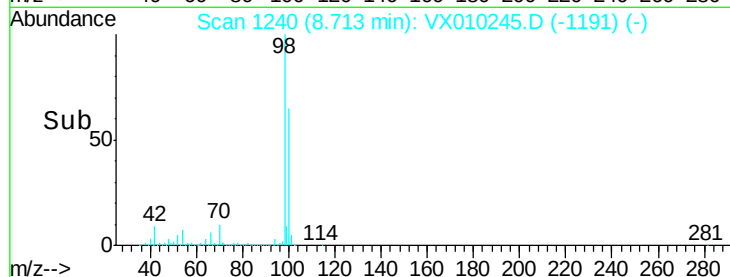
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.693 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010245.D

Acq: 12 Jun 2019 13:04

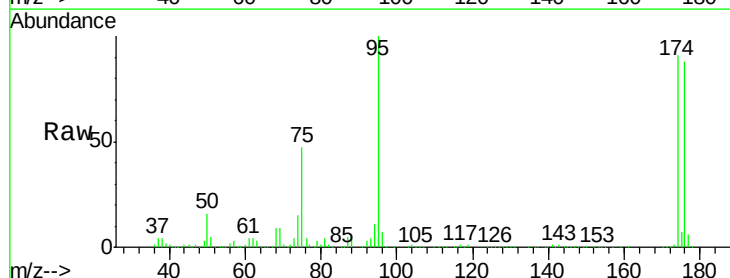
Tgt Ion: 95 Resp: 193439

Ion Ratio Lower Upper

95 100

174 95.7 0.0 160.4

176 93.2 0.0 154.6



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

200000

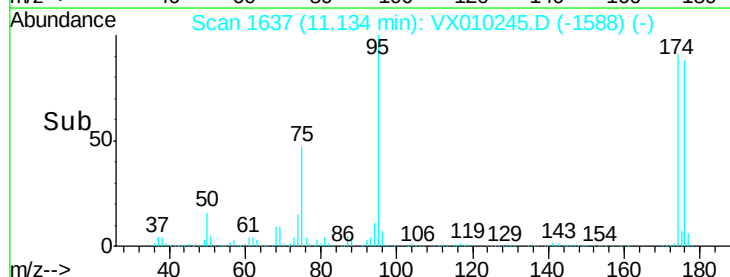
150000

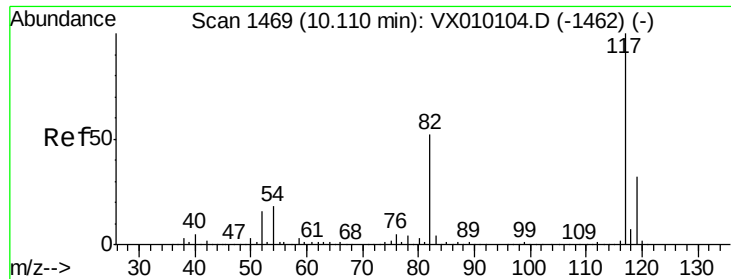
100000

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: VX010245.D

Acq: 12 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611

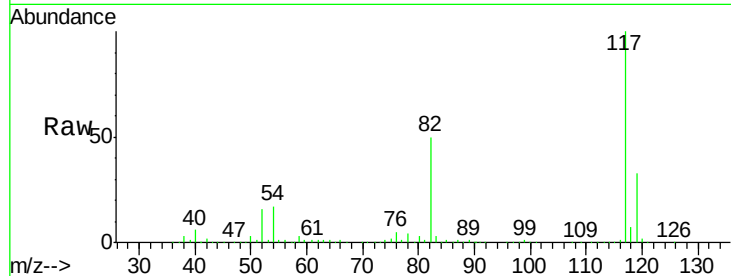
Tot Ion:117 Resp: 432109

Ion Ratio Lower Upper

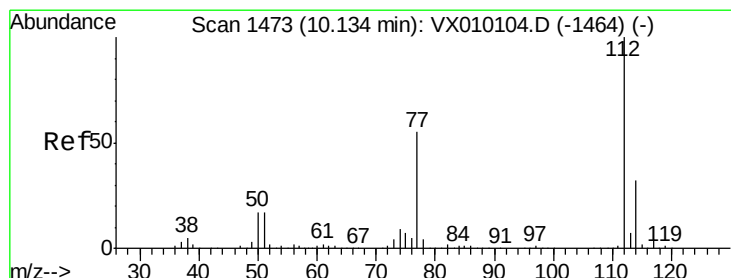
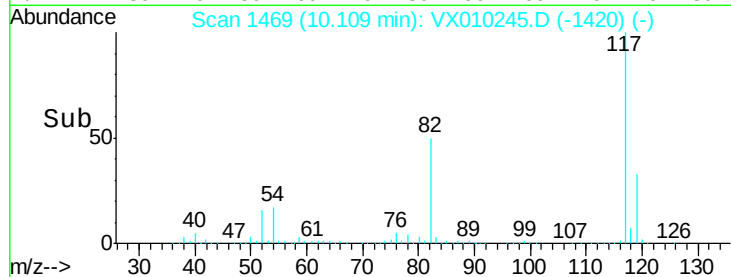
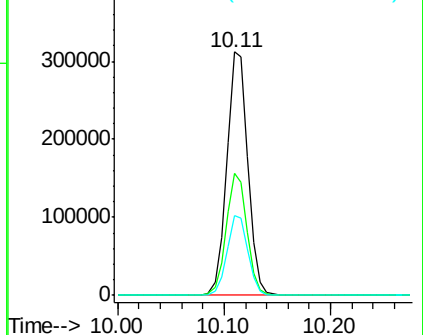
117 100

82 50.0 49.2 73.8

119 32.5 25.2 37.8



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



#65

Chlorobenzene

Concen: 23.718 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010245.D

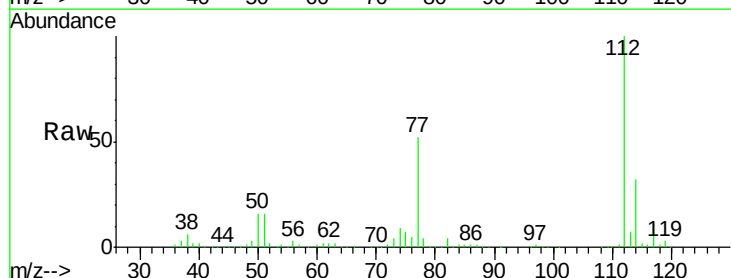
Acq: 12 Jun 2019 13:04

Tgt Ion:112 Resp: 211524

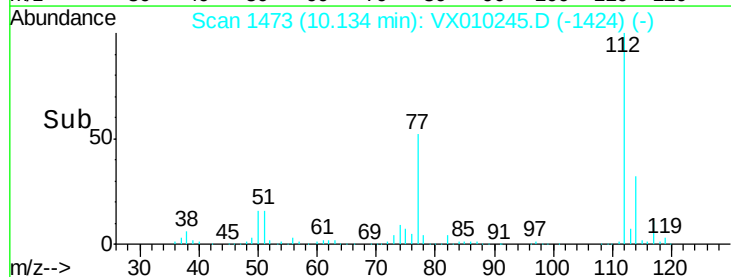
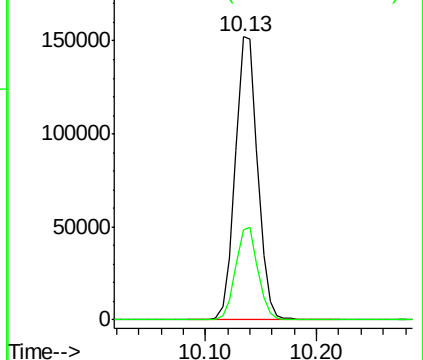
Ion Ratio Lower Upper

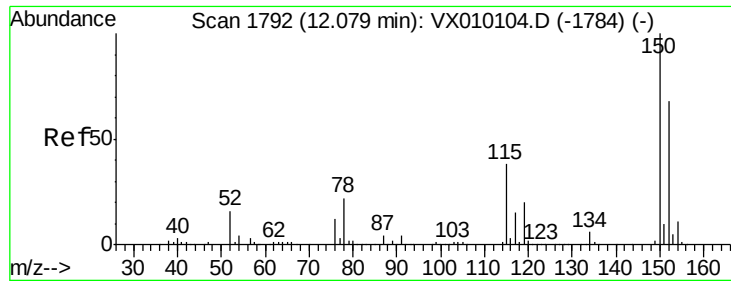
112 100

114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX010245.D

Acq: 12 Jun 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611

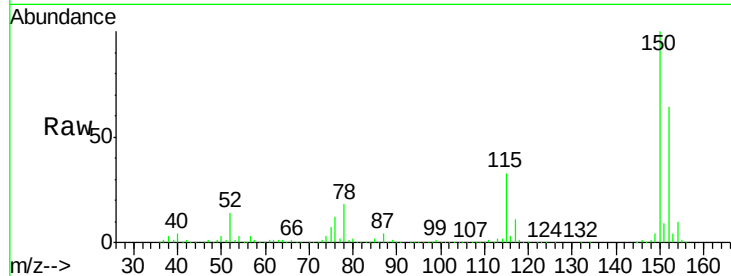
Tot Ion:152 Resp: 207273

Ion Ratio Lower Upper

152 100

115 53.6 41.4 124.2

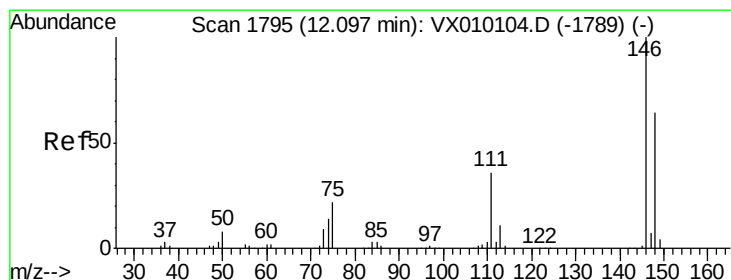
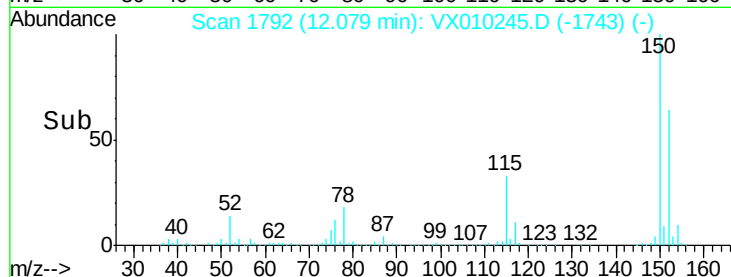
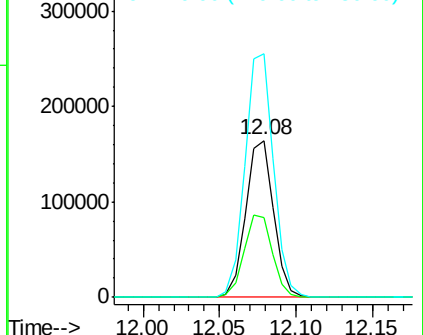
150 158.8 0.0 345.2



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



#88

1,4-Dichlorobenzene

Concen: 3.468 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010245.D

Acq: 12 Jun 2019 13:04

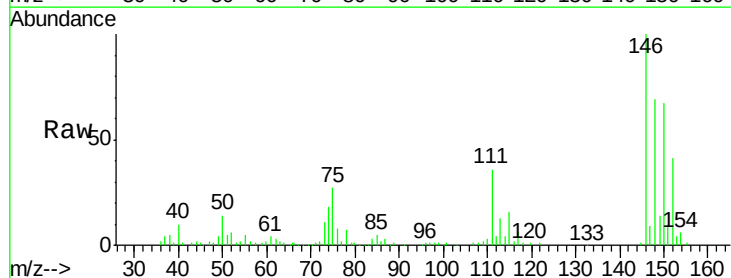
Tgt Ion:146 Resp: 24500

Ion Ratio Lower Upper

146 100

111 45.0 20.0 59.9

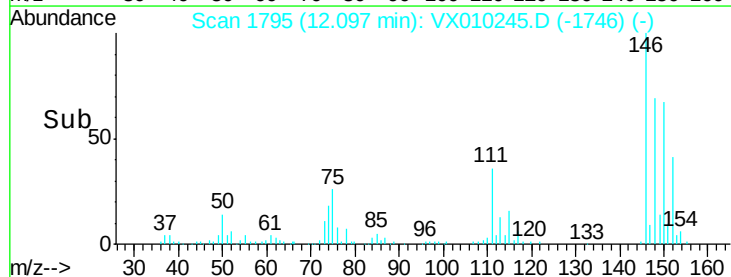
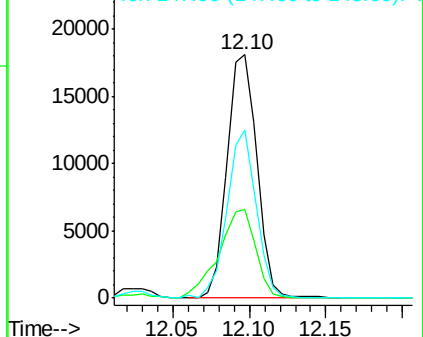
148 67.5 32.3 96.9

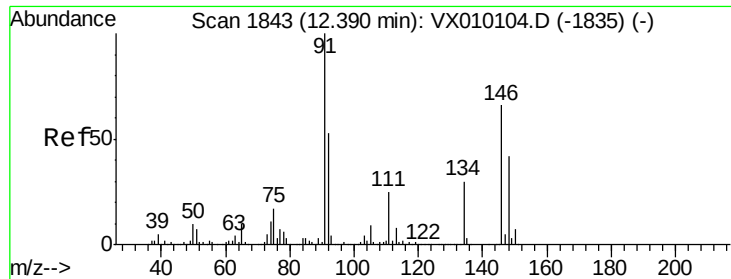


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91
 1,2-Dichlorobenzene
 Concen: 0.651 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010245.D
 Acq: 12 Jun 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611

Tot Ion:146 Resp: 4438
 Ion Ratio Lower Upper
 146 100
 111 38.2 21.1 63.1
 148 58.0 32.3 96.8

