

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010352.D
 Acq On : 20 Jun 2019 11:33
 Operator : JC/SP
 Sample : VX0620WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBL01

Quant Time: Jun 21 01:36:44 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	5.66	168	309403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	466567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	411756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185052	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	146335	50.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.88%	
35) Dibromofluoromethane	5.49	113	149509	52.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.74%	
50) Toluene-d8	8.71	98	566221	51.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.13	95	187591	47.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.16%	

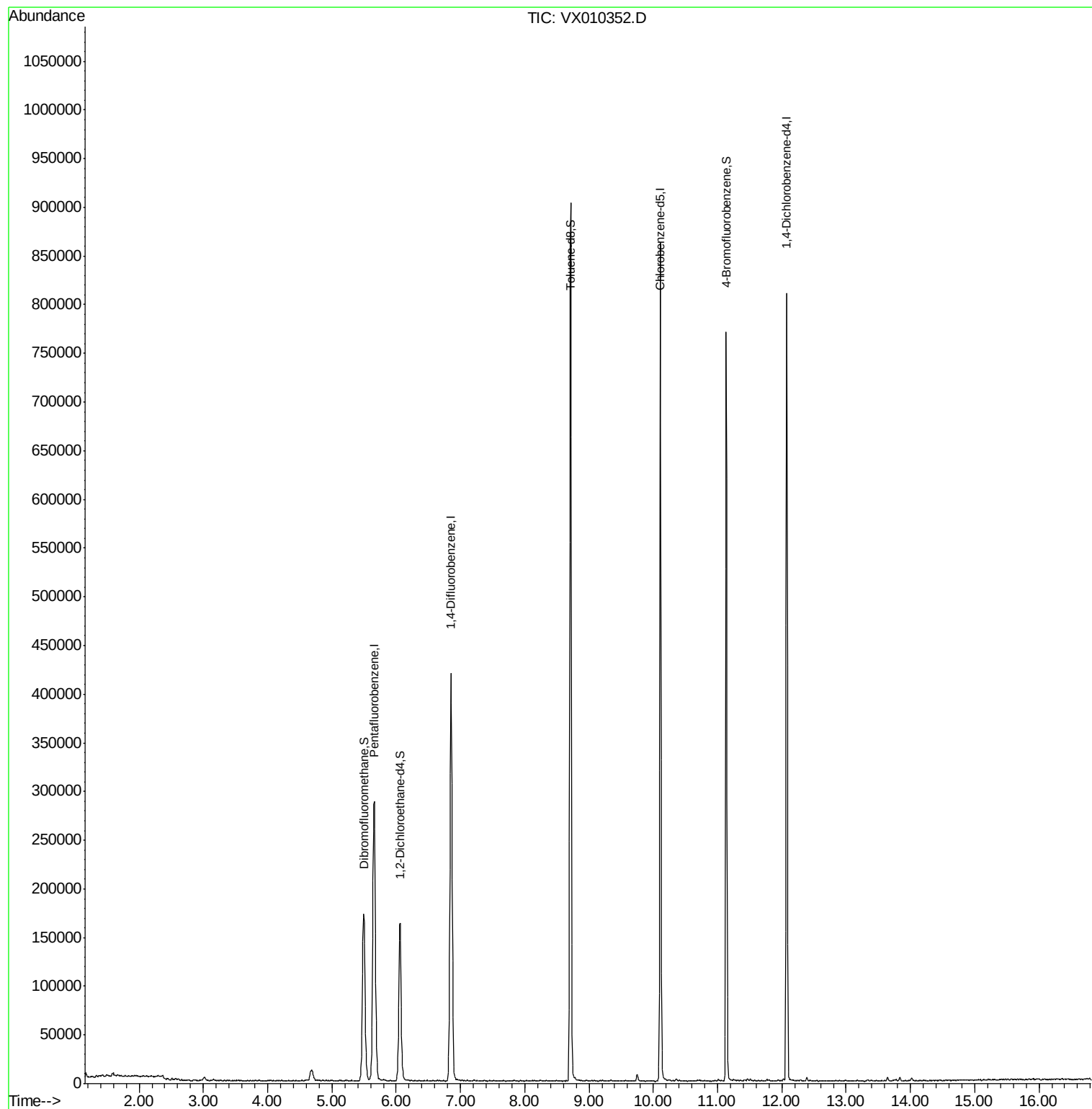
Target Compounds	Qvalue

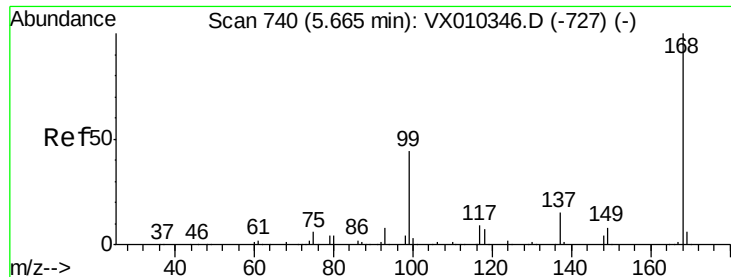
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010352.D

Acq: 20 Jun 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

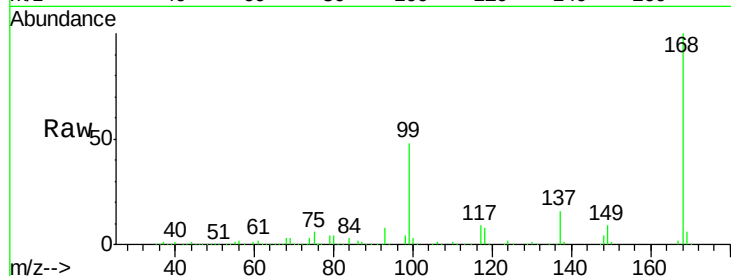
VX0620WBL01

Tot Ion:168 Resp: 309403

Ion Ratio Lower Upper

168 100

99 47.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

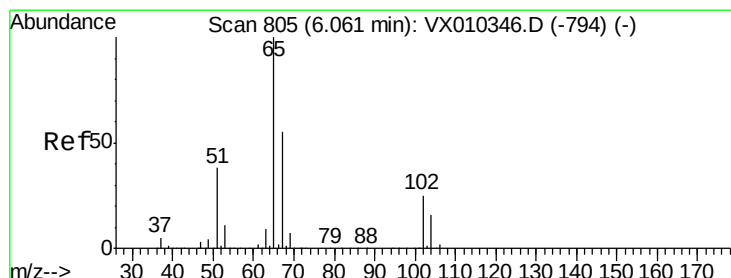
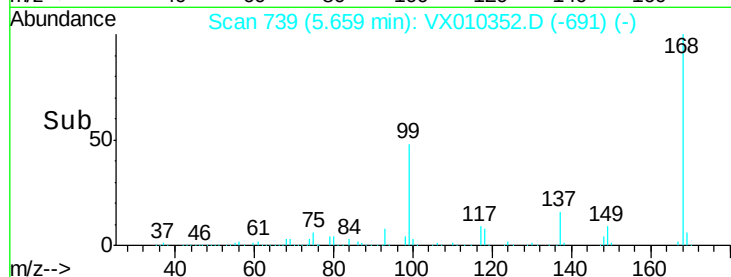
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.444 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010352.D

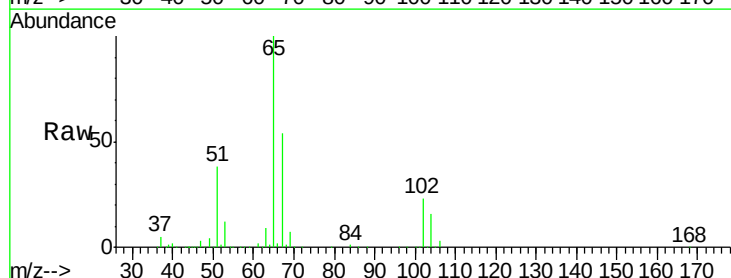
Acq: 20 Jun 2019 11:33

Tgt Ion: 65 Resp: 146335

Ion Ratio Lower Upper

65 100

67 55.5 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

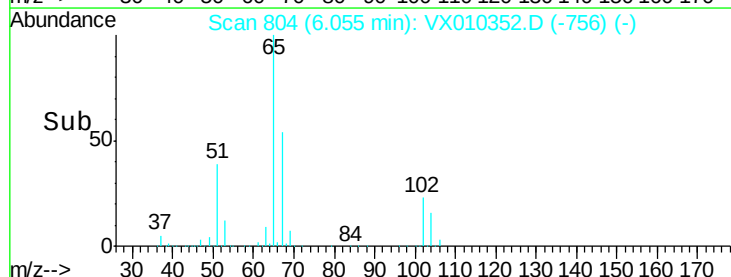
30000

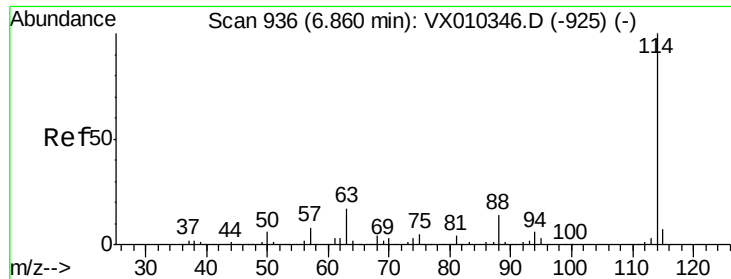
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010352.D

Acq: 20 Jun 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBL01

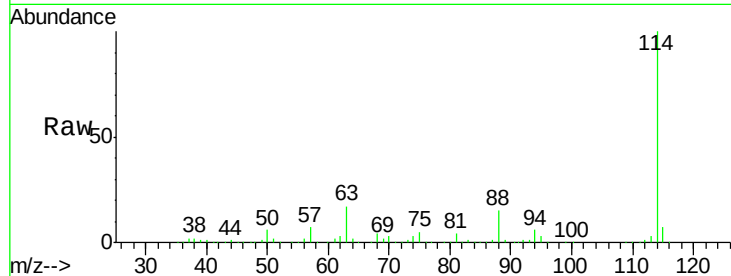
Tot Ion:114 Resp: 466567

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.8

88 14.6 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

250000

200000

150000

100000

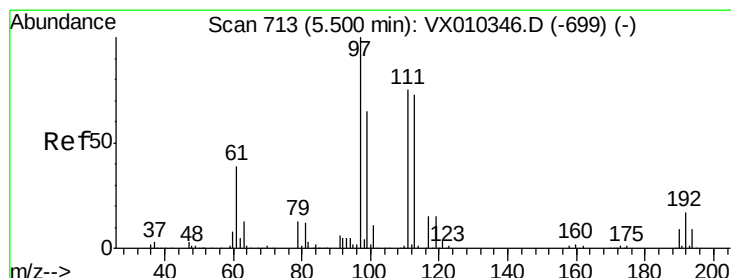
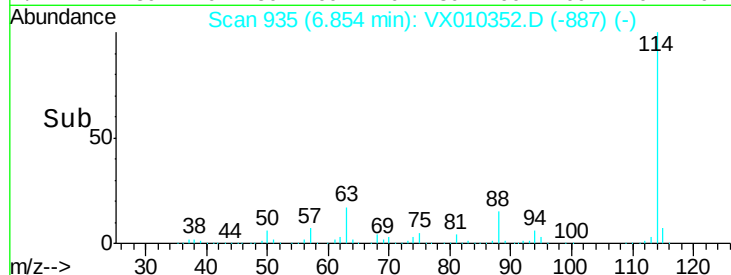
50000

0

6.85

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 52.374 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010352.D

Acq: 20 Jun 2019 11:33

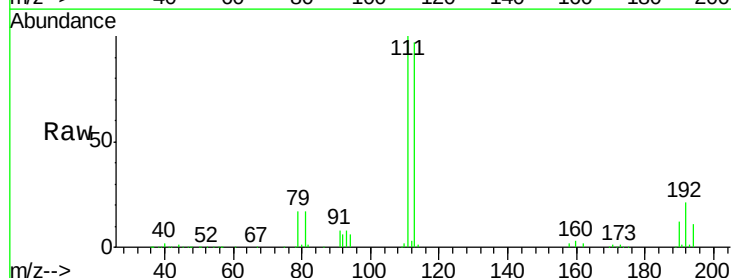
Tgt Ion:113 Resp: 149509

Ion Ratio Lower Upper

113 100

111 102.1 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

60000

40000

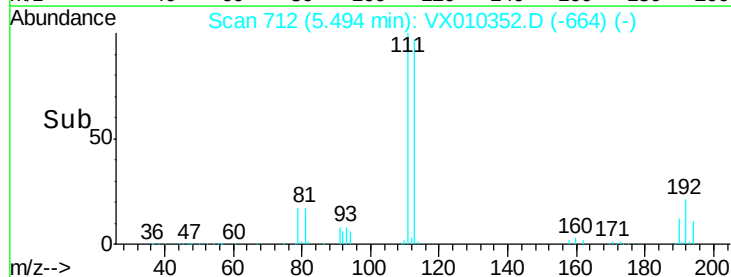
20000

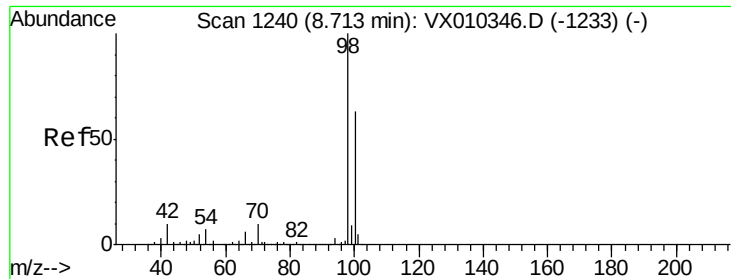
0

5.49

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 51.846 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010352.D

Acq: 20 Jun 2019 11:33

Instrument :

MSVOA_X

ClientSampleId :

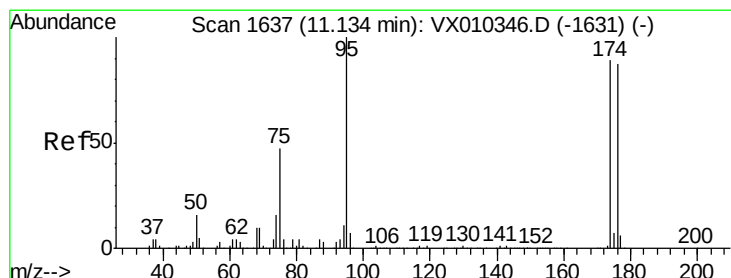
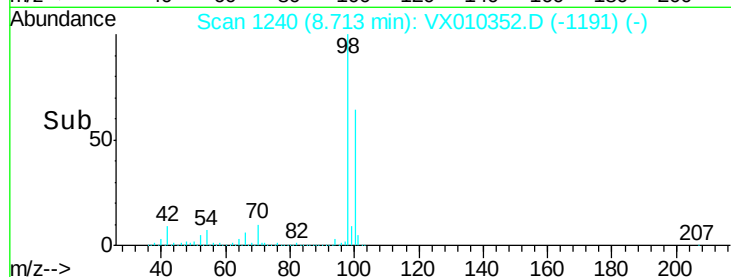
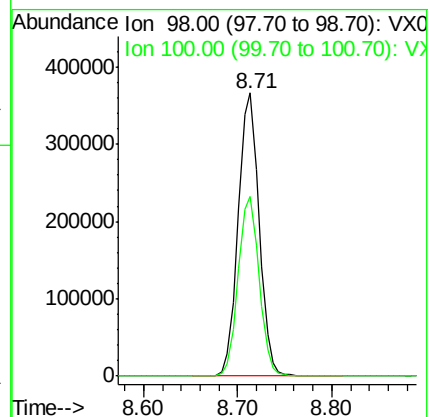
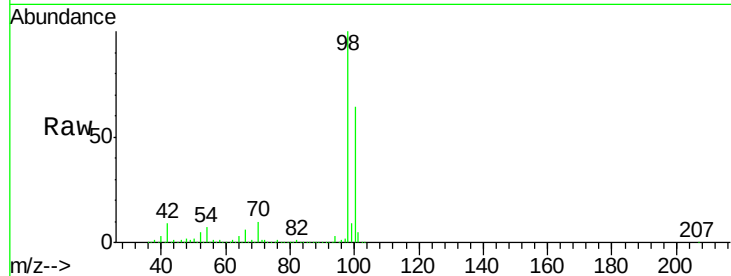
VX0620WBL01

Tot Ion: 98 Resp: 566221

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.577 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010352.D

Acq: 20 Jun 2019 11:33

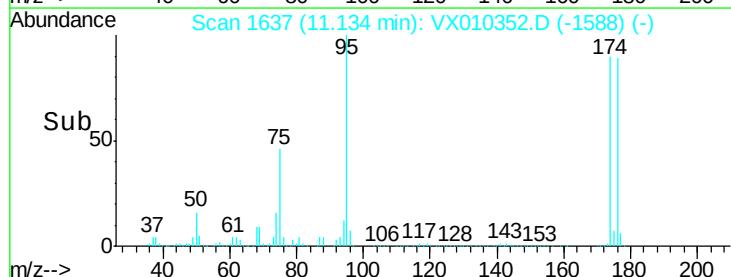
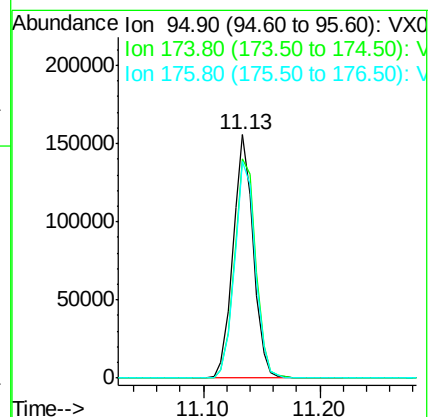
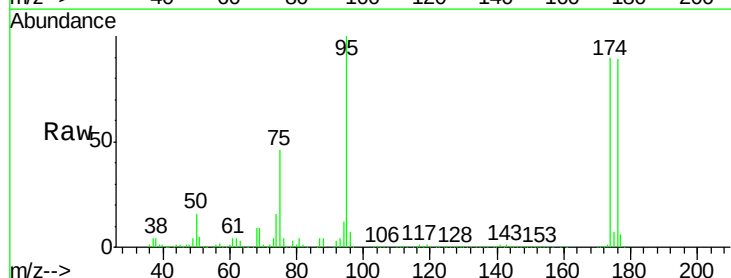
Tgt Ion: 95 Resp: 187591

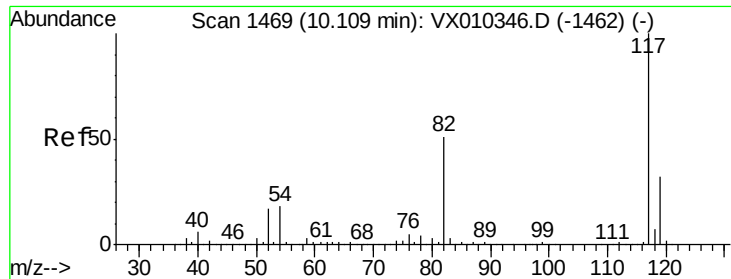
Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.6

176 91.7 0.0 184.0

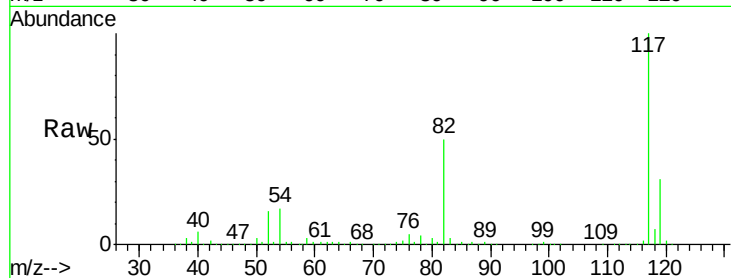




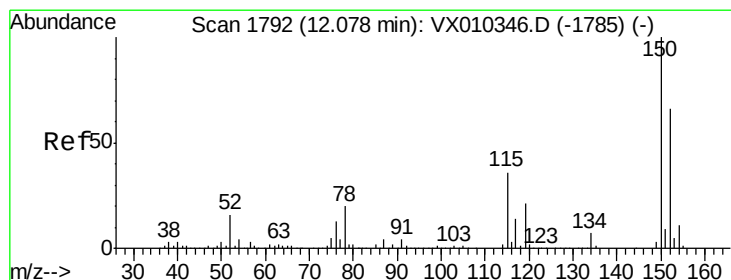
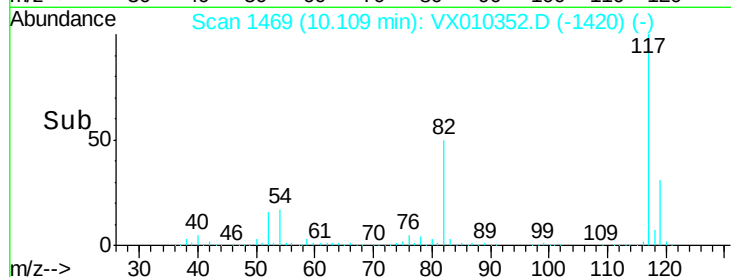
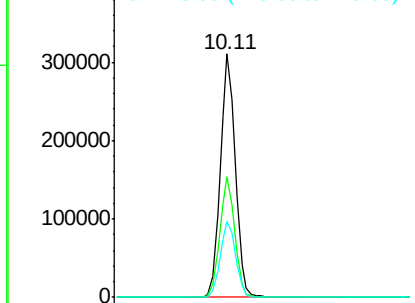
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010352.D
Acq: 20 Jun 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01

Tot Ion:117 Resp: 411756
Ion Ratio Lower Upper
117 100
82 49.7 41.2 61.8
119 31.1 25.5 38.3

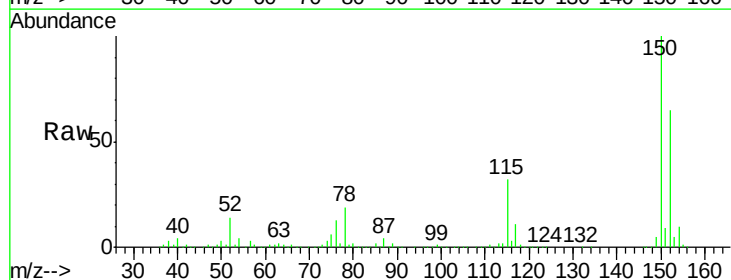


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010352.D
Acq: 20 Jun 2019 11:33

Tgt Ion:152 Resp: 185052
Ion Ratio Lower Upper
152 100
115 53.0 38.6 115.7
150 154.9 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

