

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010243.D
 Acq On : 12 Jun 2019 12:17
 Operator : JC/SP
 Sample : K3309-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB12-190610

Quant Time: Jun 13 01:53:30 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	330613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	451907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209804	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	149763	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	5.50	113	153944	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	584940	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	199315	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

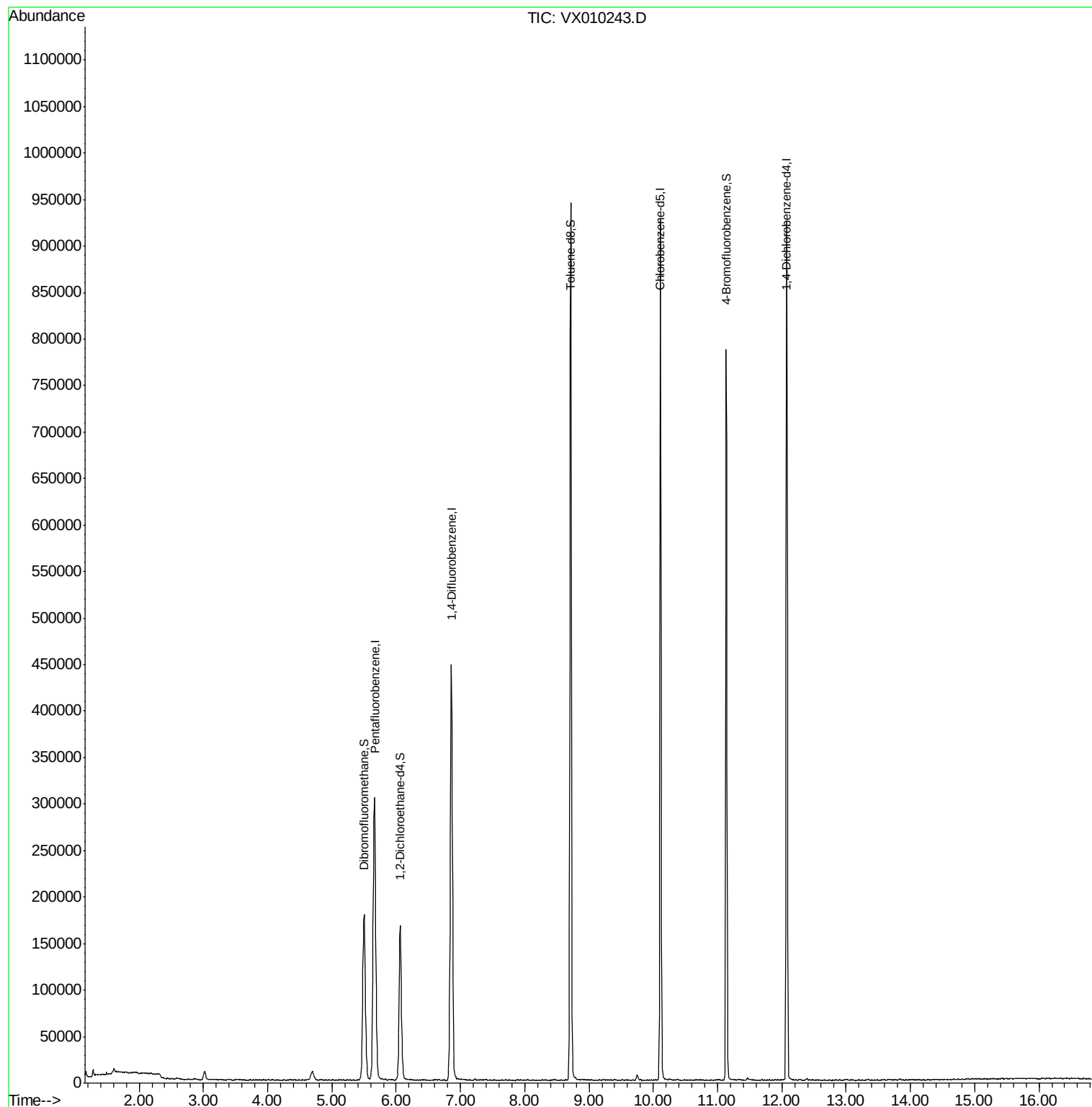
Target Compounds	Qvalue

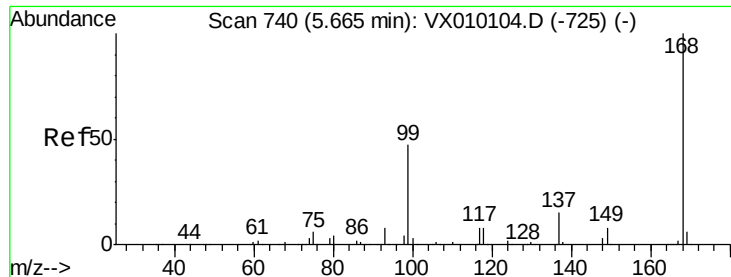
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX010243.D

Acq: 12 Jun 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

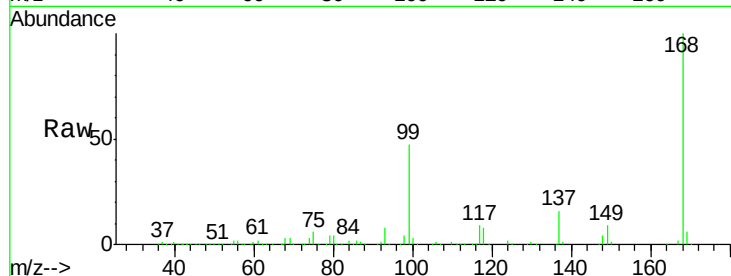
Z1-TB12-190610

Tot Ion:168 Resp: 330613

Ion Ratio Lower Upper

168 100

99 47.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

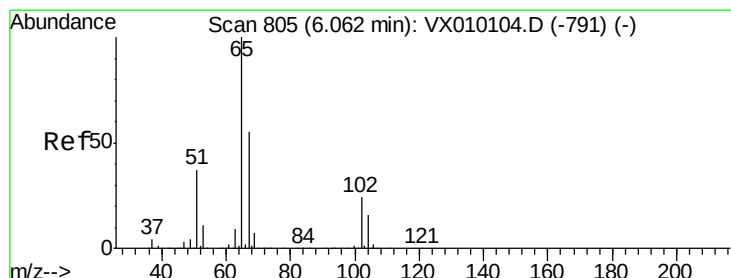
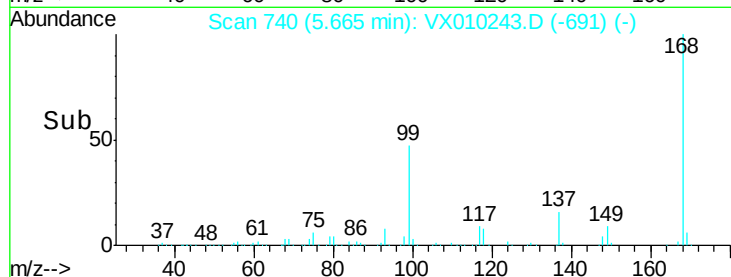
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.407 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010243.D

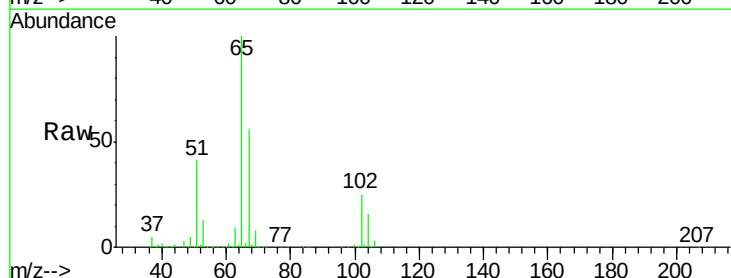
Acq: 12 Jun 2019 12:17

Tgt Ion: 65 Resp: 149763

Ion Ratio Lower Upper

65 100

67 55.3 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

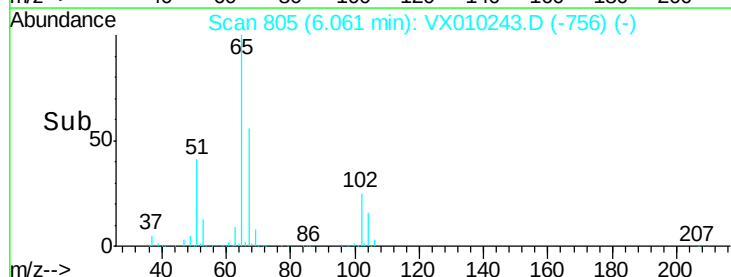
30000

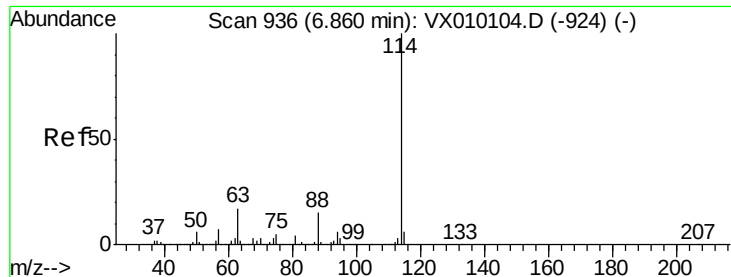
20000

10000

0

Time--> 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: VX010243.D

Acq: 12 Jun 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB12-190610

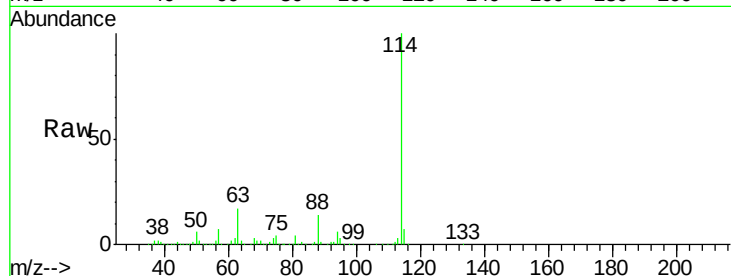
Tot Ion:114 Resp: 500493

Ion Ratio Lower Upper

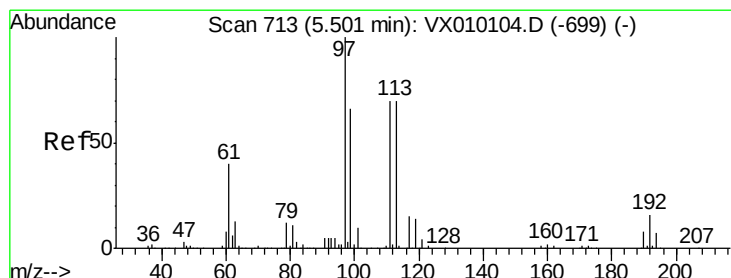
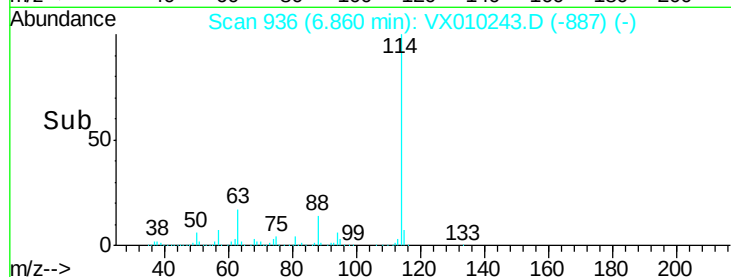
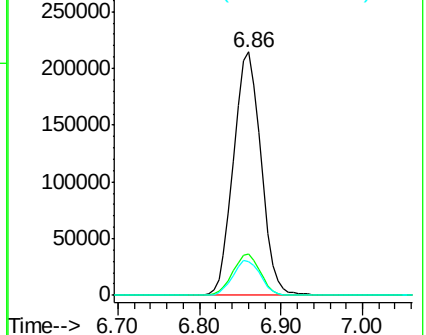
114 100

63 16.9 0.0 47.4

88 13.9 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: 49.866 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010243.D

Acq: 12 Jun 2019 12:17

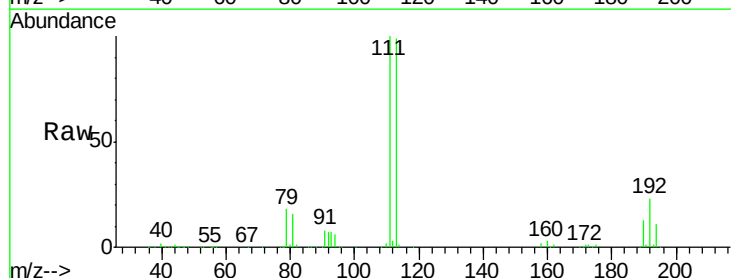
Tgt Ion:113 Resp: 153944

Ion Ratio Lower Upper

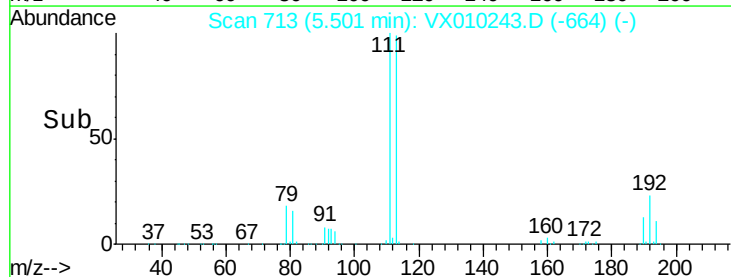
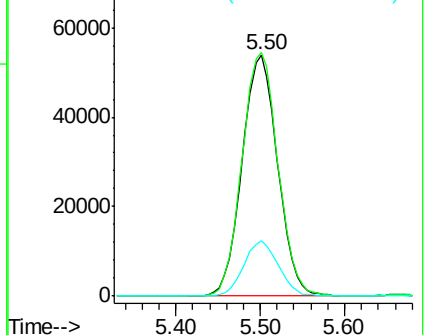
113 100

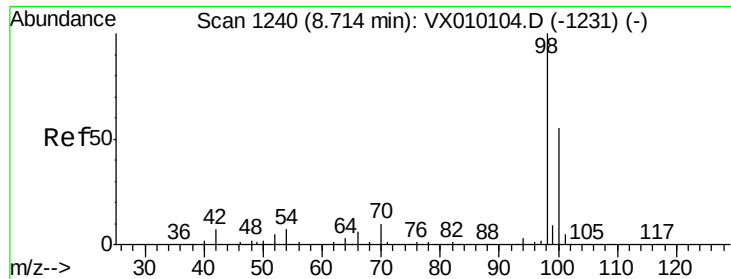
111 102.2 82.2 123.2

192 22.4 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: 50.556 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010243.D

Acq: 12 Jun 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

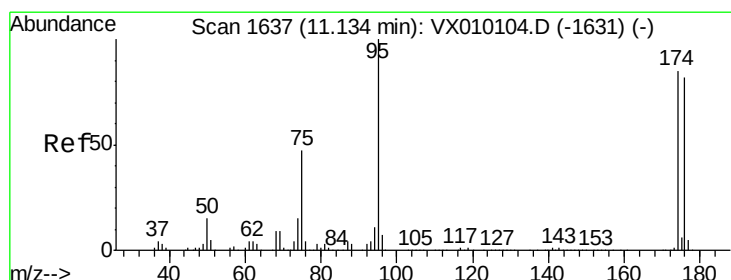
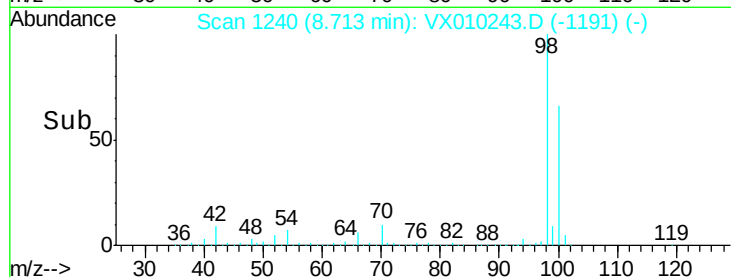
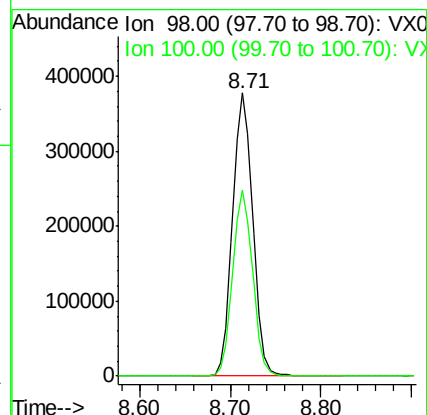
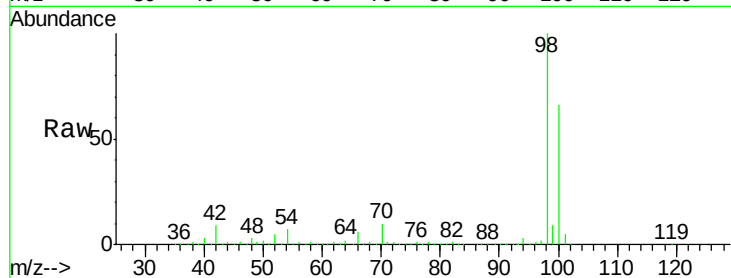
Z1-TB12-190610

Tot Ion: 98 Resp: 584940

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.127 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010243.D

Acq: 12 Jun 2019 12:17

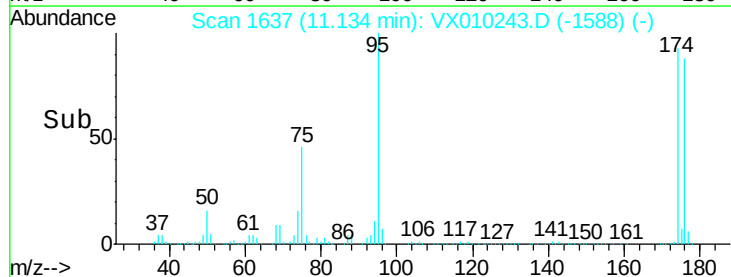
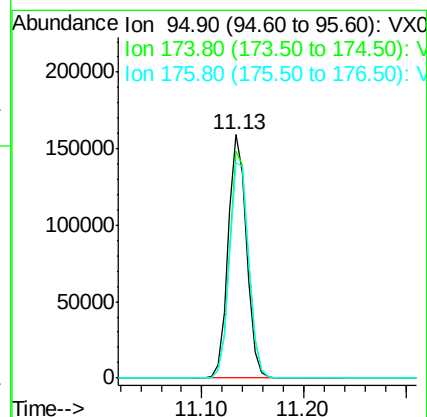
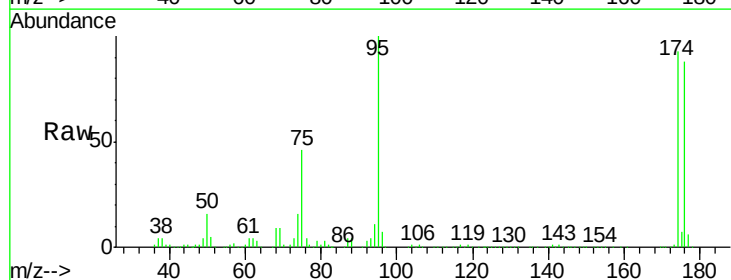
Tgt Ion: 95 Resp: 199315

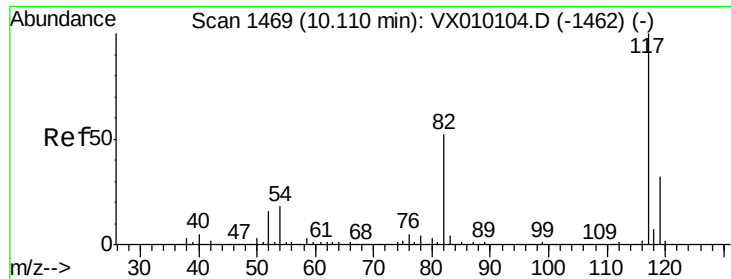
Ion Ratio Lower Upper

95 100

174 94.9 0.0 160.4

176 92.6 0.0 154.6

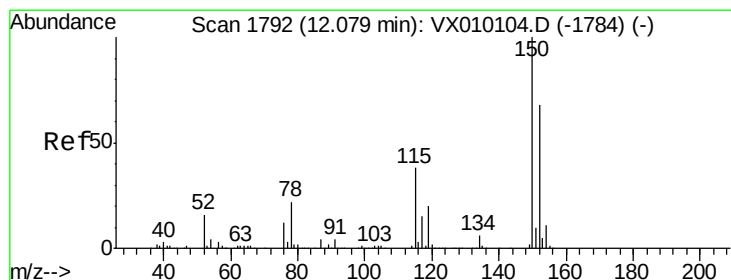
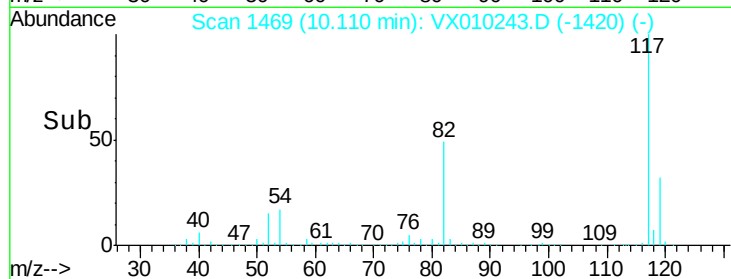
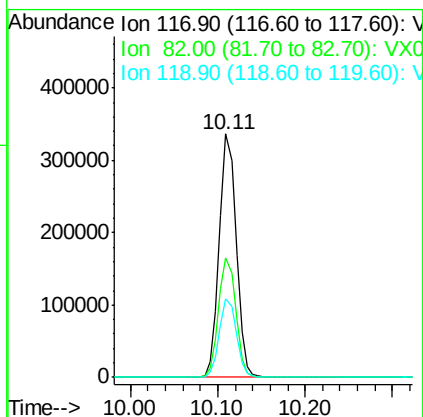
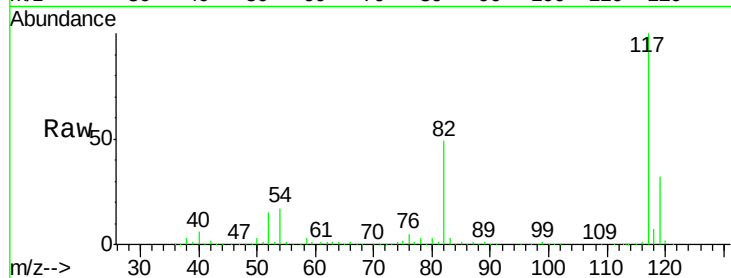




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010243.D
Acq: 12 Jun 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB12-190610

Tot Ion:117 Resp: 451907
Ion Ratio Lower Upper
117 100
82 49.2 49.2 73.8
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010243.D
Acq: 12 Jun 2019 12:17

Tgt Ion:152 Resp: 209804
Ion Ratio Lower Upper
152 100
115 54.5 41.4 124.2
150 156.7 0.0 345.2

