

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002411.D
 Acq On : 08 Jun 2018 19:23
 Operator : JC/MD
 Sample : J3407-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Quant Time: Jun 09 03:36:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	291977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	136236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139356	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.51	113	105574	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	8.72	98	415638	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.14	95	138980	40.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.90%	

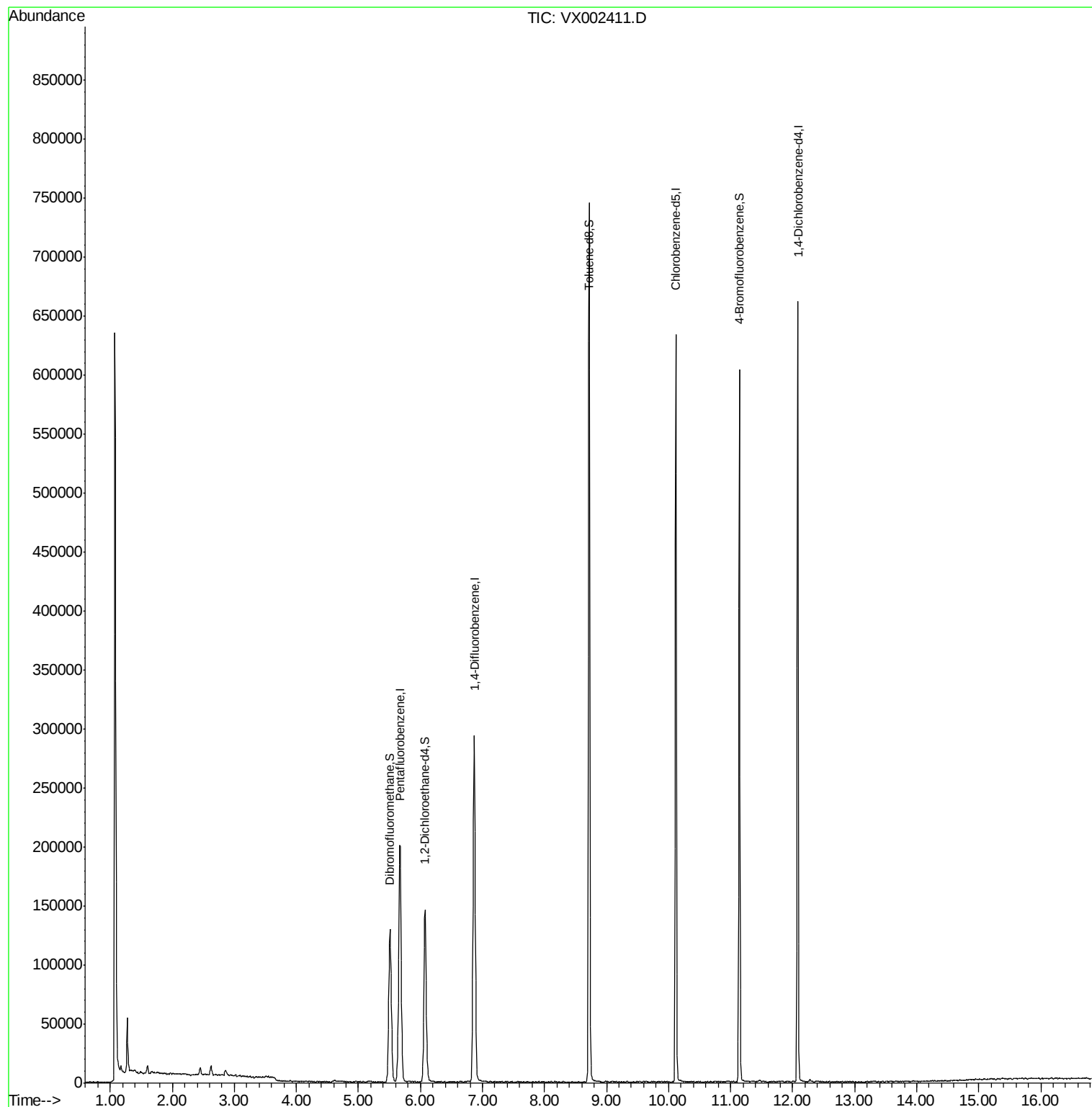
Target Compounds	Qvalue

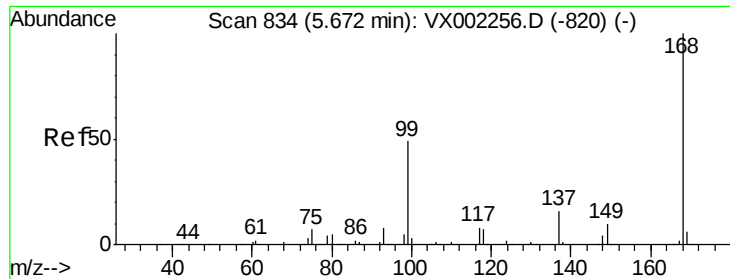
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002411.D

Acq: 08 Jun 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

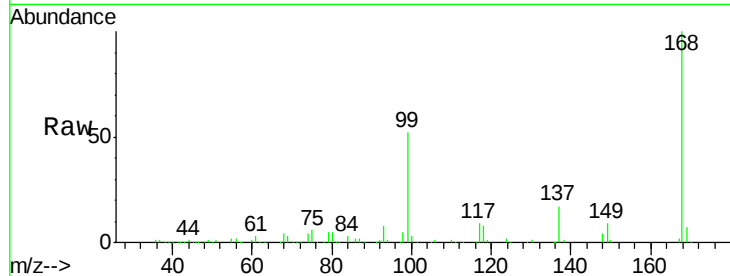
STORAGEBLANK-SAMPLEMANAG

Tgt Ion:168 Resp: 200867

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

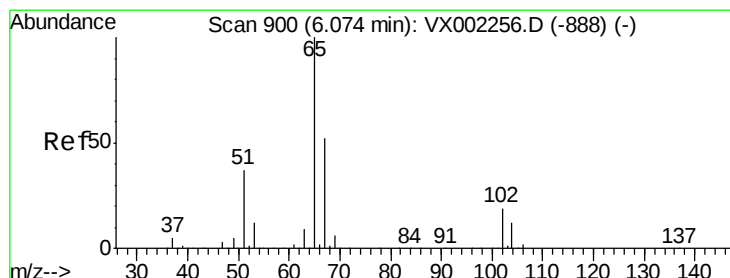
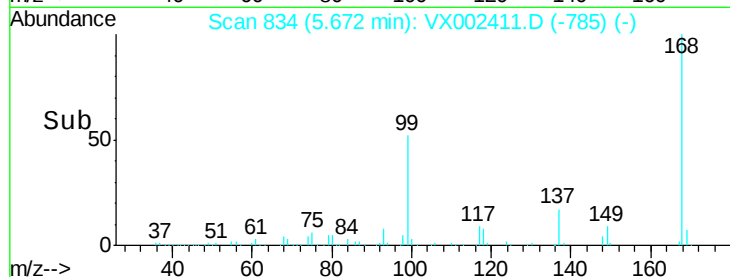
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.41 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002411.D

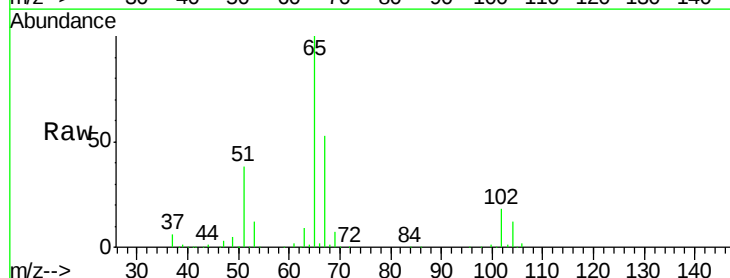
Acq: 08 Jun 2018 19:23

Tgt Ion: 65 Resp: 139356

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

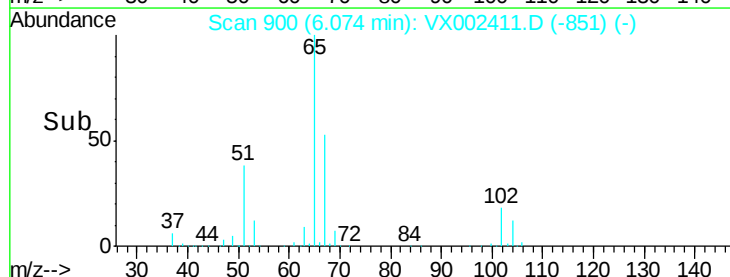
30000

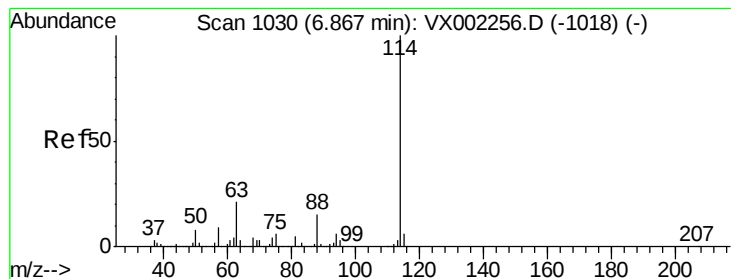
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002411.D

Acq: 08 Jun 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

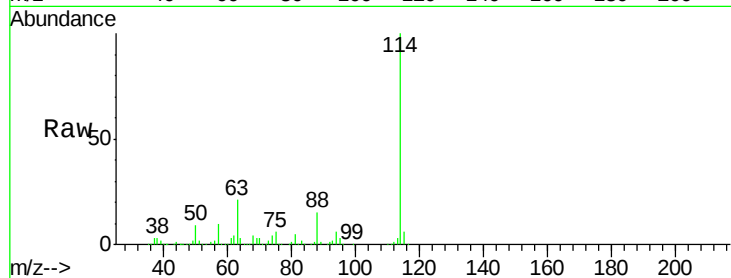
Tgt Ion:114 Resp: 291977

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

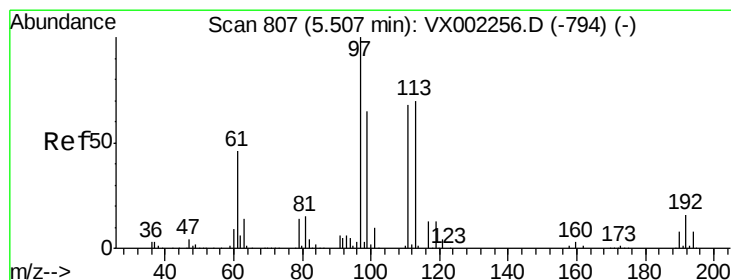
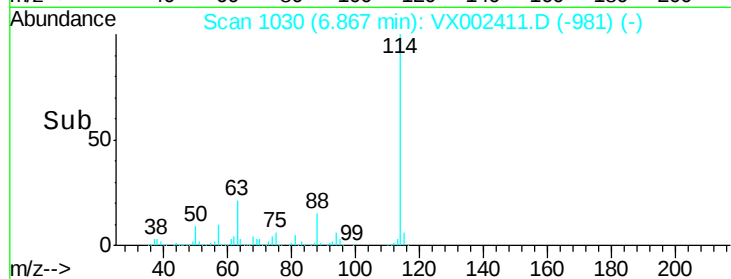
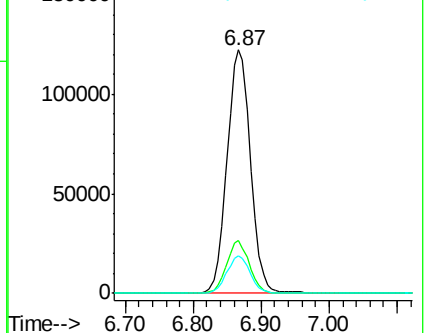
88 15.4 0.0 30.0



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: 45.98 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002411.D

Acq: 08 Jun 2018 19:23

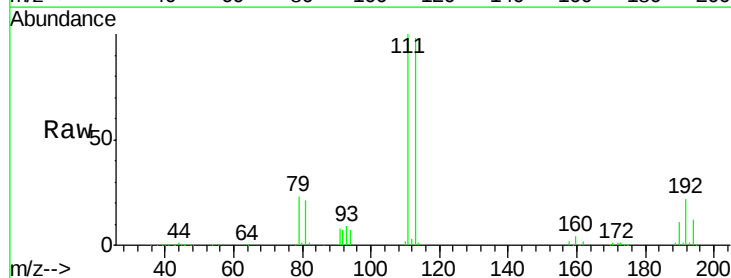
Tgt Ion:113 Resp: 105574

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

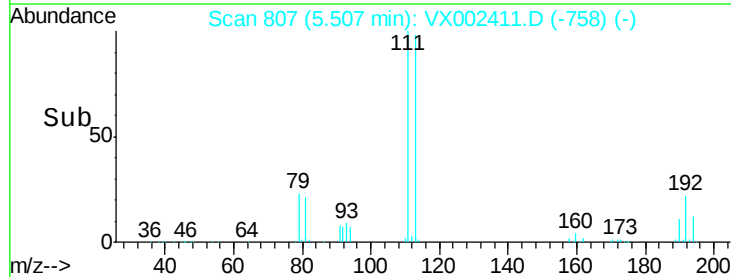
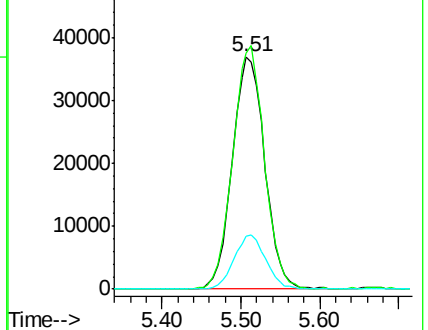
192 22.8 19.1 28.7

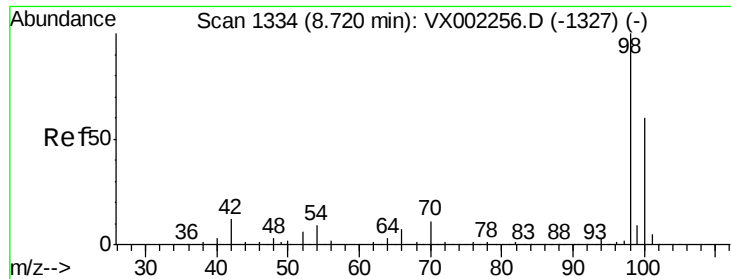


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002411.D

Acq: 08 Jun 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

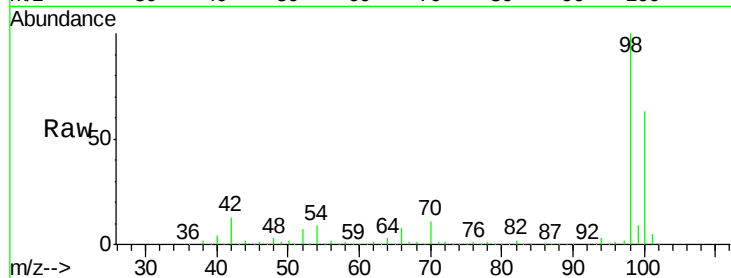
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 98 Resp: 415638

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

300000

250000

200000

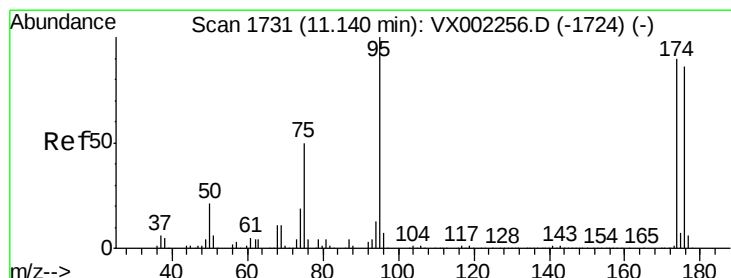
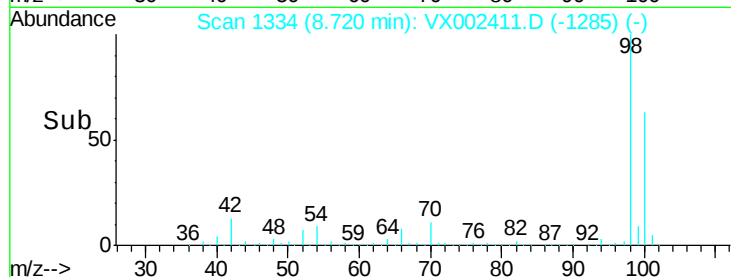
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002411.D

Acq: 08 Jun 2018 19:23

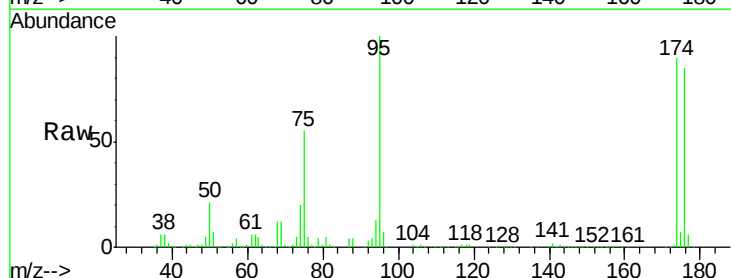
Tgt Ion: 95 Resp: 138980

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.4

176 90.8 0.0 181.0



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

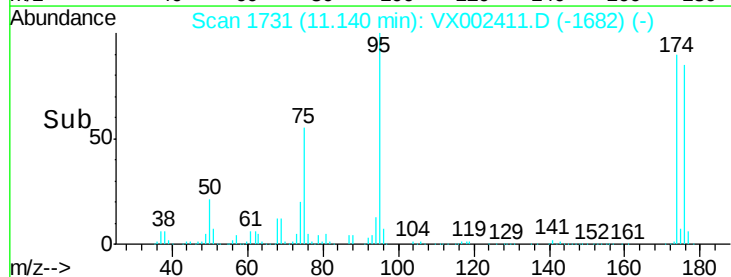
150000

100000

50000

0

Time-->

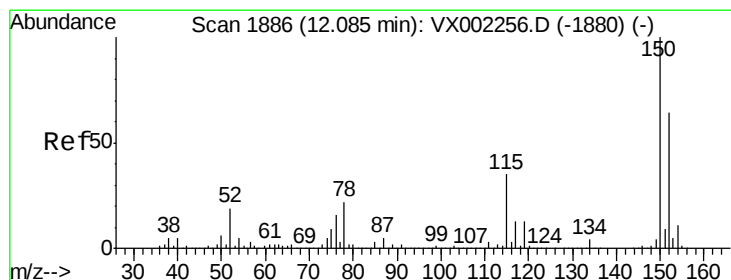
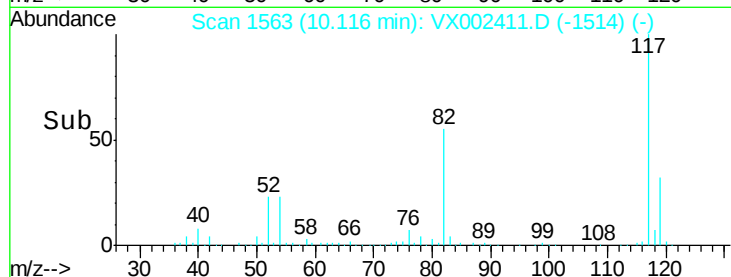
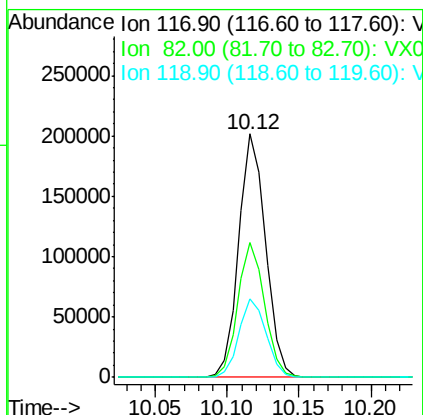
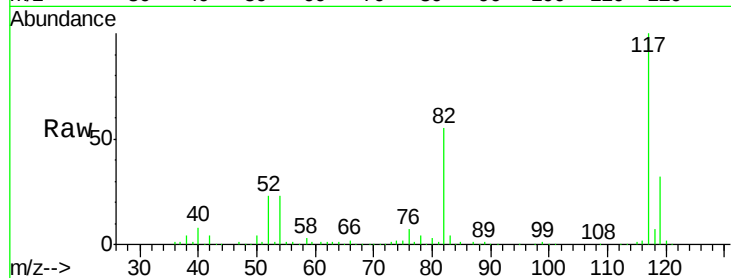




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX002411.D
 Acq: 08 Jun 2018 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Tgt Ion:117 Resp: 262145
 Ion Ratio Lower Upper
 117 100
 82 55.3 45.0 67.4
 119 32.5 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002411.D
 Acq: 08 Jun 2018 19:23

Tgt Ion:152 Resp: 136236
 Ion Ratio Lower Upper
 152 100
 115 54.7 40.1 120.2
 150 156.7 0.0 347.2

