

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002450.D
 Acq On : 11 Jun 2018 18:28
 Operator : JC/MD
 Sample : J3406-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW118R-180606

Quant Time: Jun 12 03:16:07 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

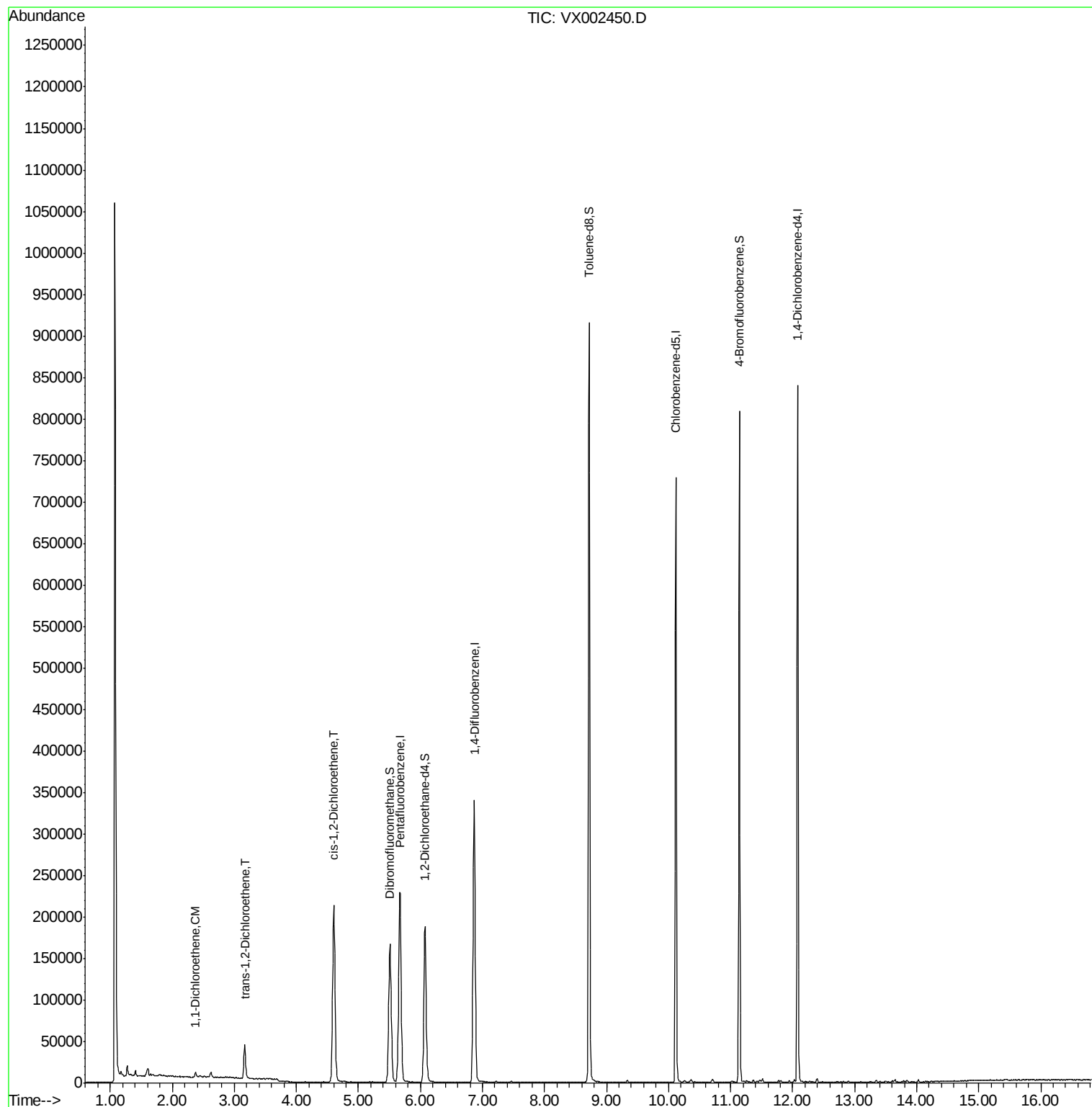
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331414	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178702	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
35) Dibromofluoromethane	5.51	113	133758	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	8.72	98	522775	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.14	95	183243	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	1818	0.76	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	16771	6.35	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	130272	45.39	ug/l	85

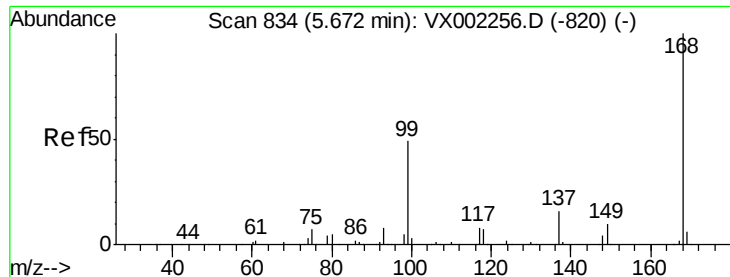
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

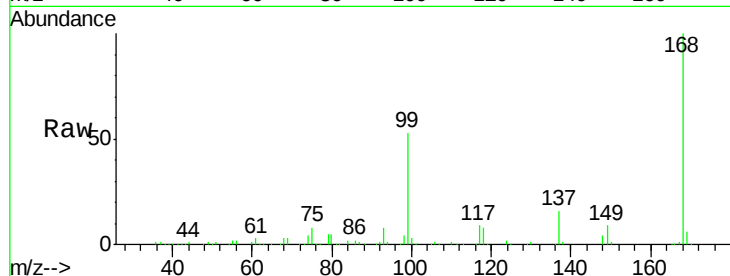
SS050MW118R-180606

Tot Ion:168 Resp: 224805

Ion Ratio Lower Upper

168 100

99 53.2 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

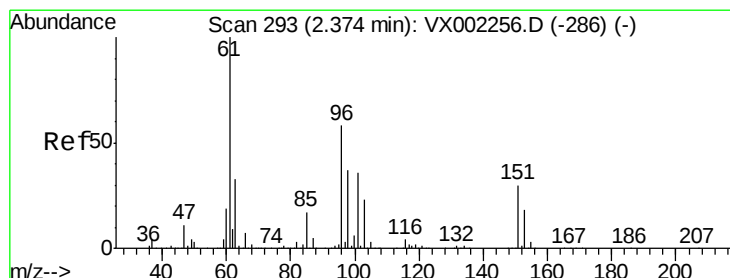
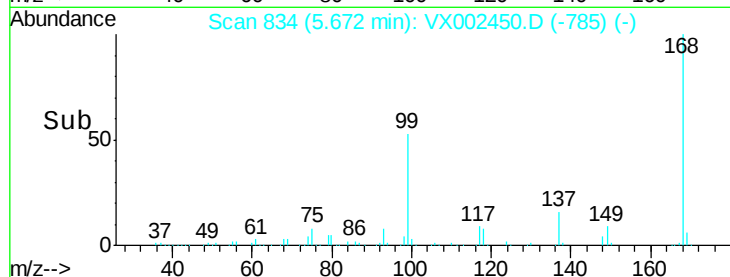
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.76 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

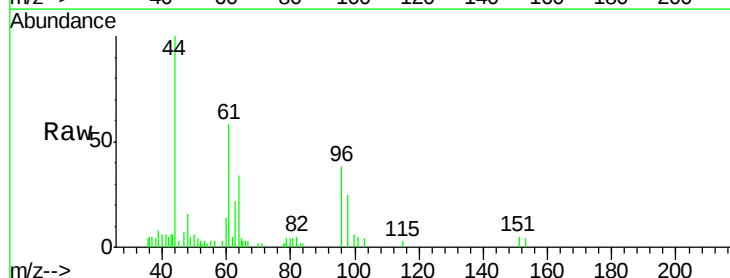
Tgt Ion: 96 Resp: 1818

Ion Ratio Lower Upper

96 100

61 153.0 137.9 206.9

98 65.1 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2000

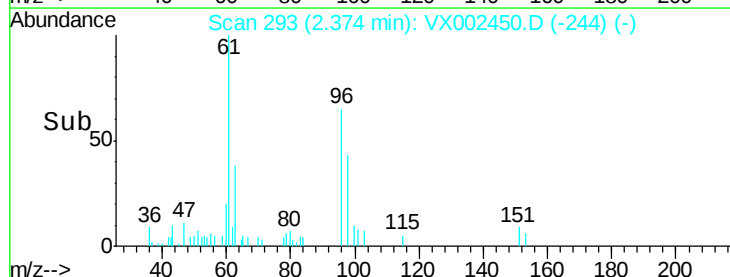
1500

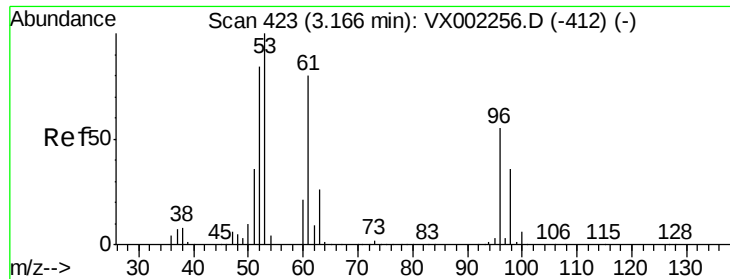
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#21

trans-1,2-Dichloroethene

Concen: 6.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS050MW118R-180606

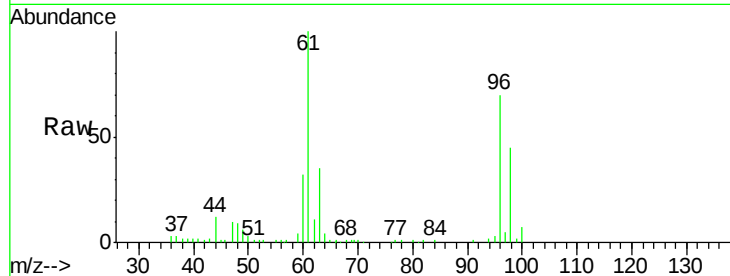
Tot Ion: 96 Resp: 16771

Ion Ratio Lower Upper

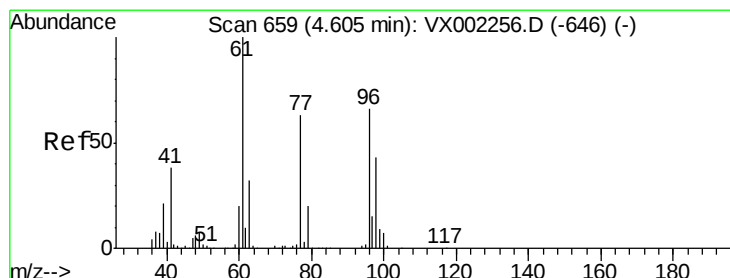
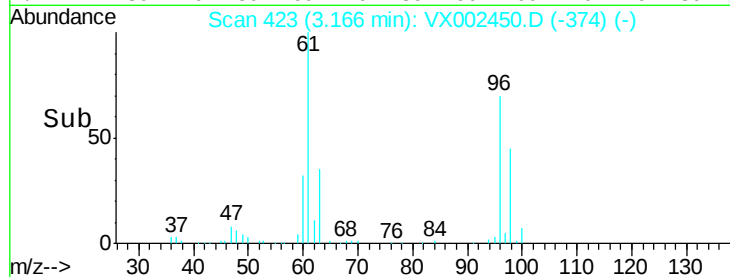
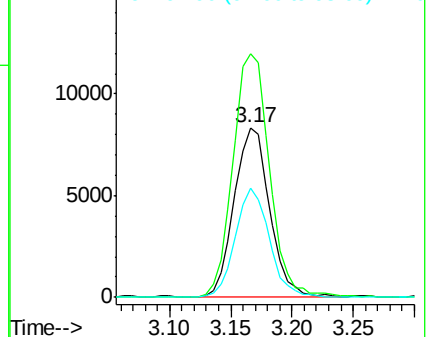
96 100

61 143.3 117.0 175.4

98 64.1 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 45.39 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

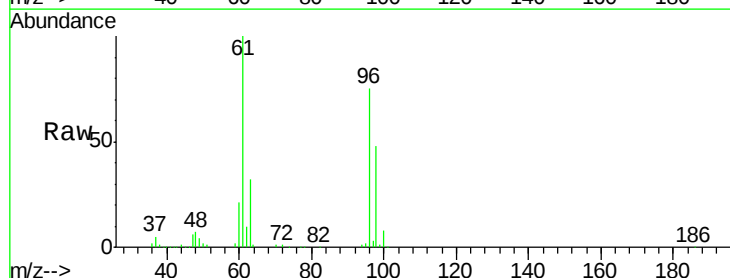
Tgt Ion: 96 Resp: 130272

Ion Ratio Lower Upper

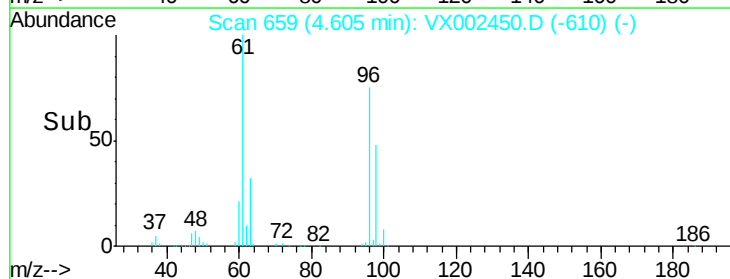
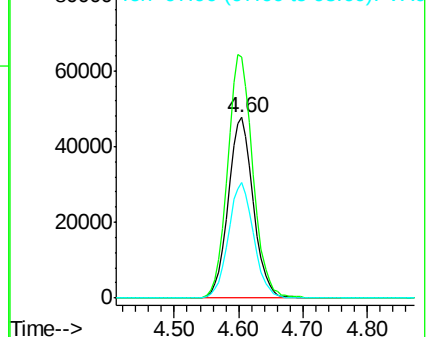
96 100

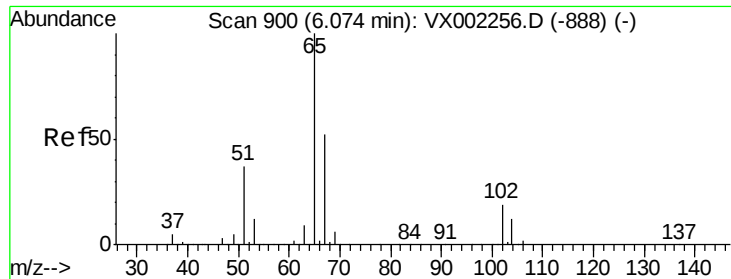
61 136.4 0.0 330.2

98 64.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 56.00 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

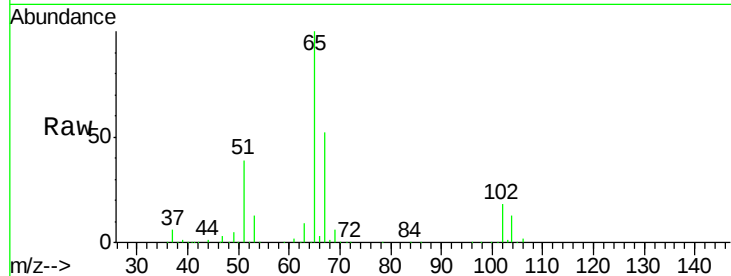
SS050MW118R-180606

Tot Ion: 65 Resp: 178702

Ion Ratio Lower Upper

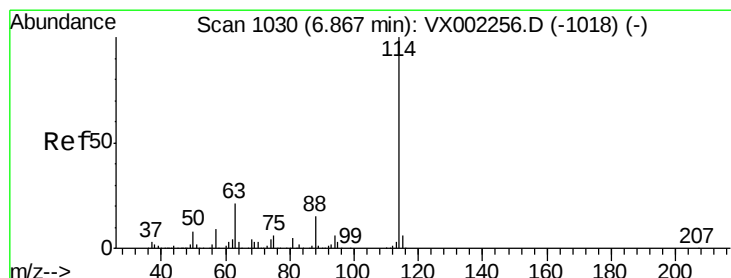
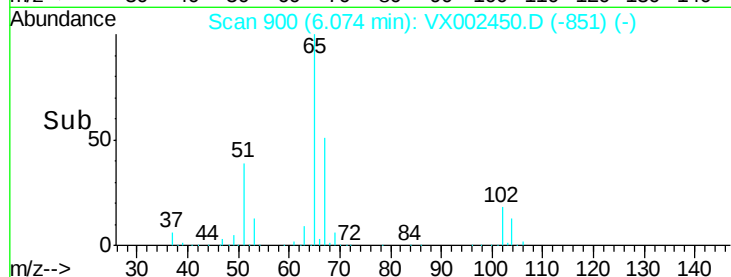
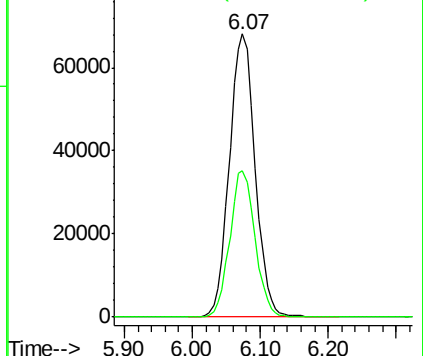
65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

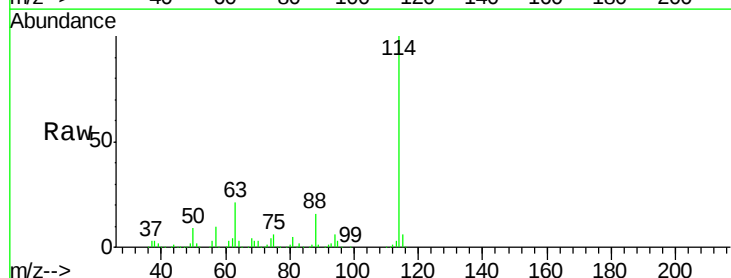
Tgt Ion: 114 Resp: 331414

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

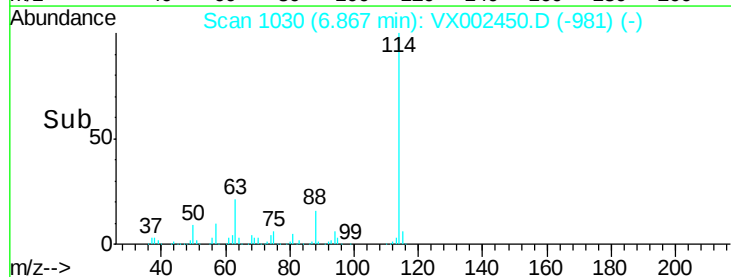
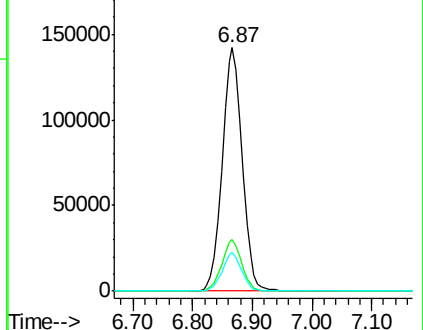
88 15.8 0.0 30.0

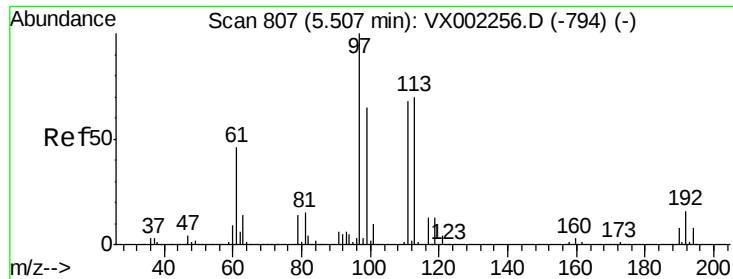


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.32 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS050MW118R-180606

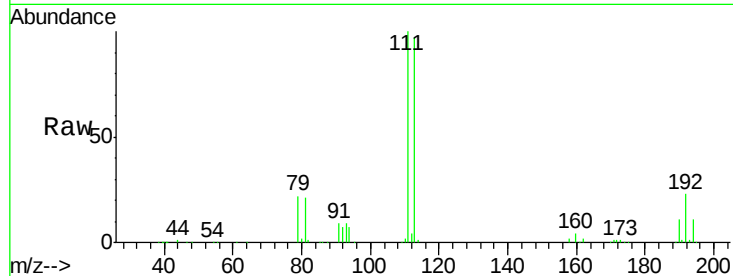
Tot Ion:113 Resp: 133758

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

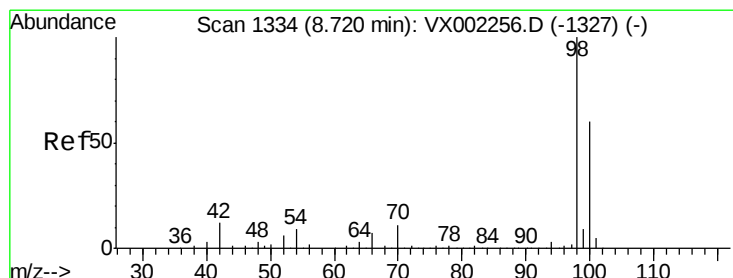
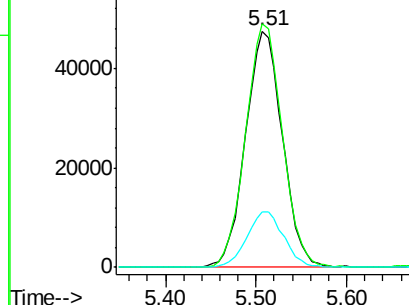
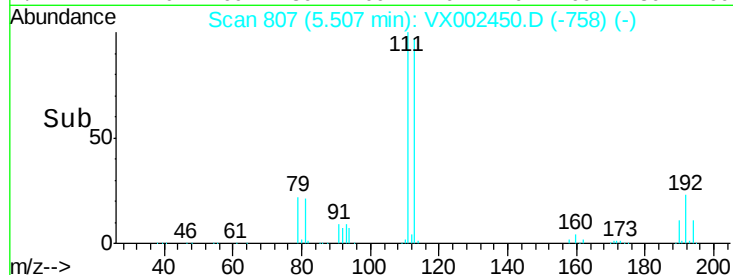
192 23.6 19.1 28.7



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: 52.33 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002450.D

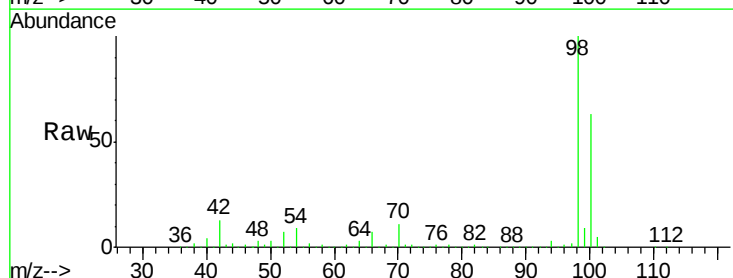
Acq: 11 Jun 2018 18:28

Tgt Ion: 98 Resp: 522775

Ion Ratio Lower Upper

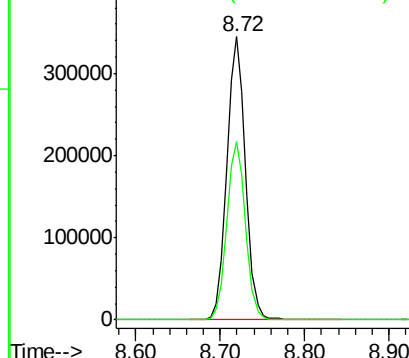
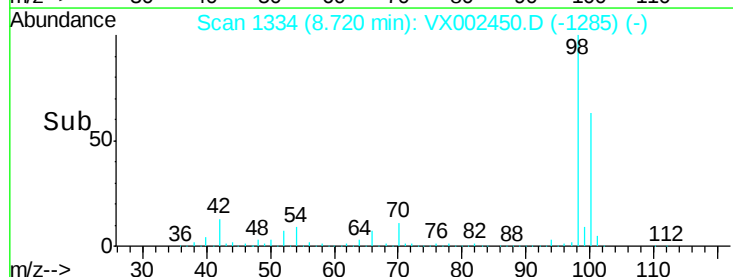
98 100

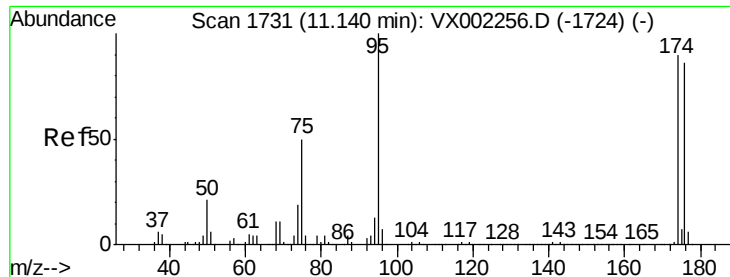
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

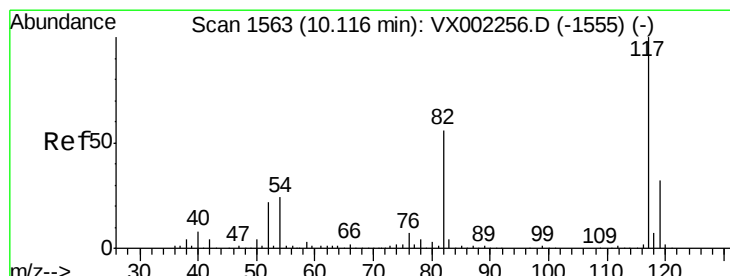
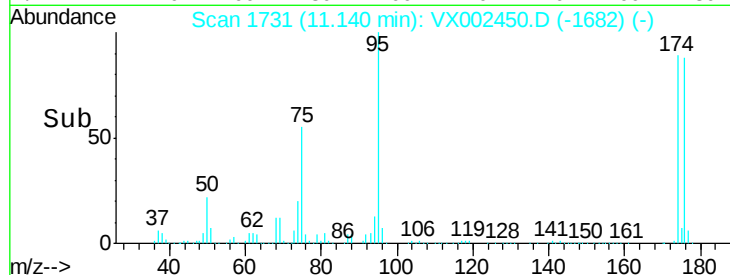
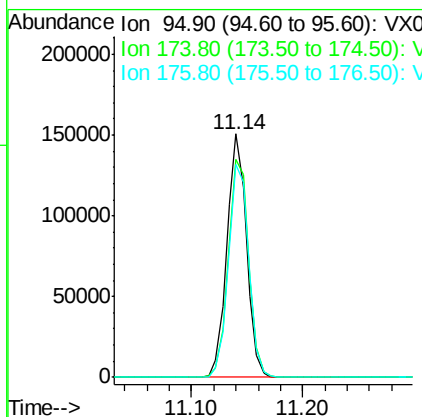
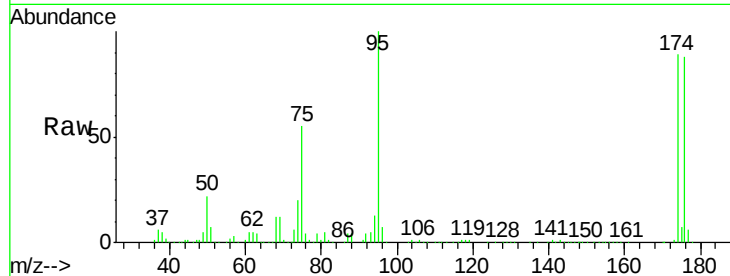




#62
4-Bromofluorobenzene
Concen: 47.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002450.D
Acq: 11 Jun 2018 18:28

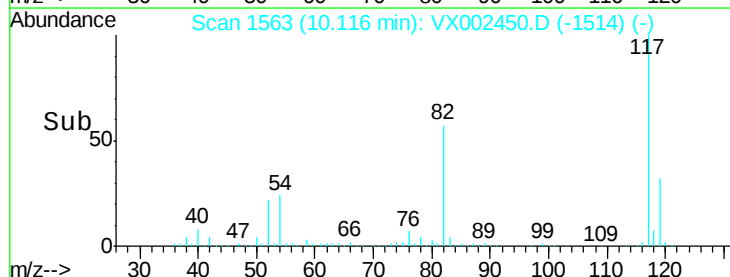
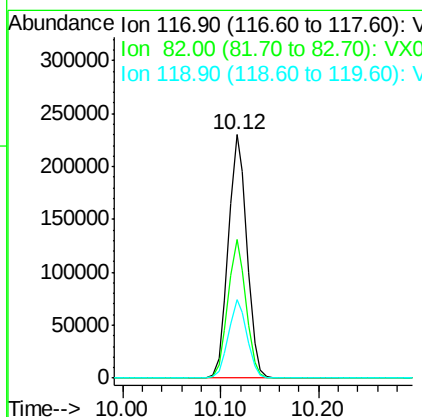
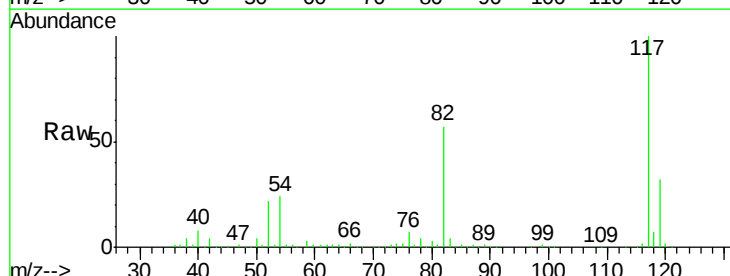
Instrument :
MSVOA_X
ClientSampleId :
SS050MW118R-180606

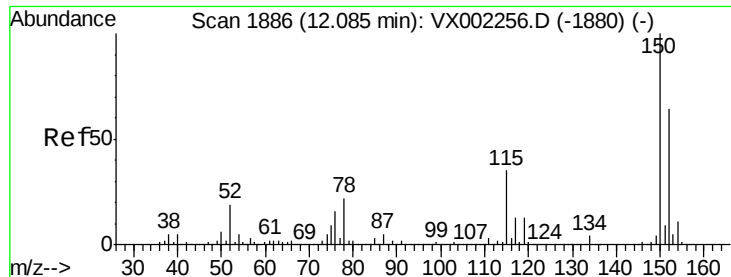
Tot Ion: 95 Resp: 183243
Ion Ratio Lower Upper
95 100
174 93.3 0.0 187.4
176 90.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002450.D
Acq: 11 Jun 2018 18:28

Tgt Ion: 117 Resp: 304072
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 32.1 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: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS050MW118R-180606

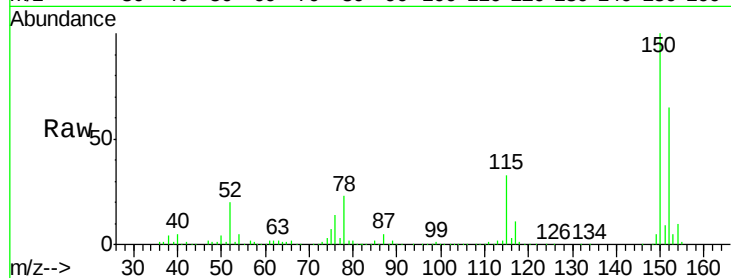
Tot Ion:152 Resp: 171454

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

150 157.5 0.0 347.2



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

