

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002282.D
 Acq On : 05 Jun 2018 01:52
 Operator : JC/MD
 Sample : J3269-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW153-180529

Quant Time: Jun 05 07:30:56 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

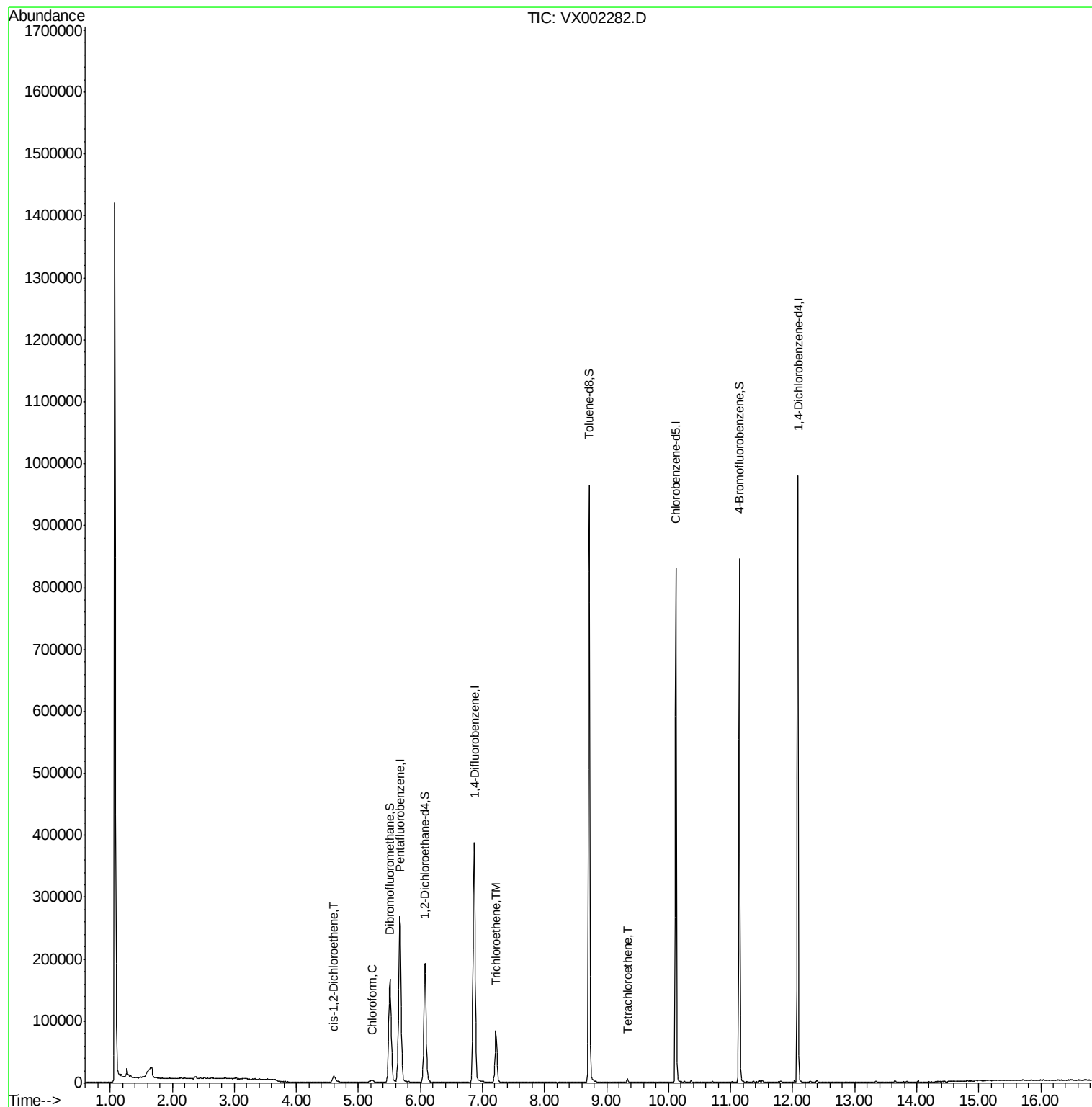
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382031	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180918	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	5.51	113	133266	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
50) Toluene-d8	8.72	98	551186	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.14	95	196015	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	4868	1.447	ug/l	13
30) Chloroform	5.23	83	3407	0.587	ug/l	98
44) Trichloroethene	7.21	130	32181	9.416	ug/l	96
64) Tetrachloroethene	9.34	164	1120	0.307	ug/l	91

(#) = 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
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA_X

ClientSampleId :

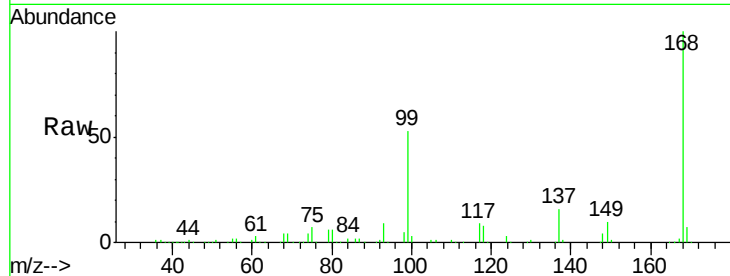
SS004MW153-180529

Tot Ion:168 Resp: 263498

Ion Ratio Lower Upper

168 100

99 52.9 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

100000

80000

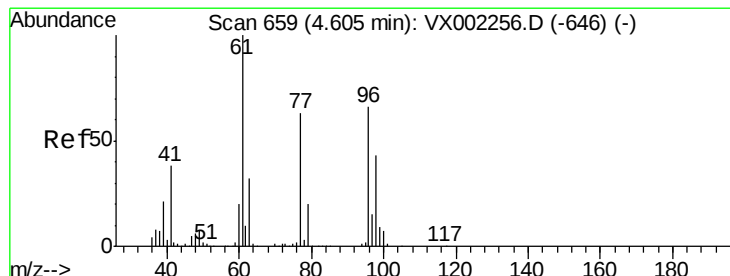
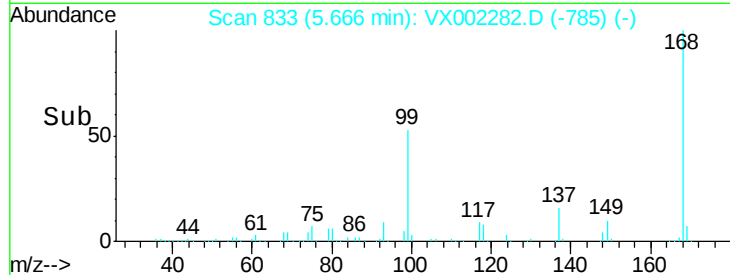
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.447 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

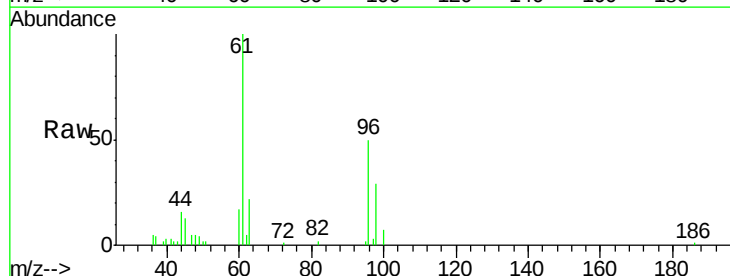
Tgt Ion: 96 Resp: 4868

Ion Ratio Lower Upper

96 100

61 327.4 0.0 330.2

98 63.9 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

5000

4000

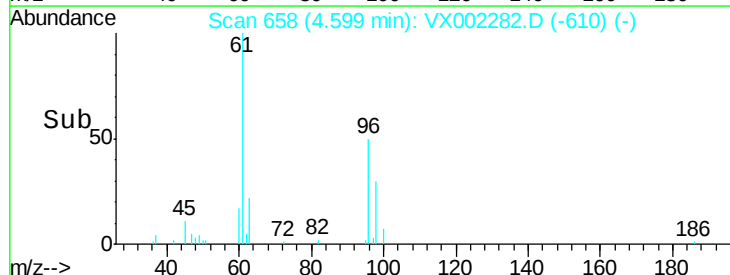
3000

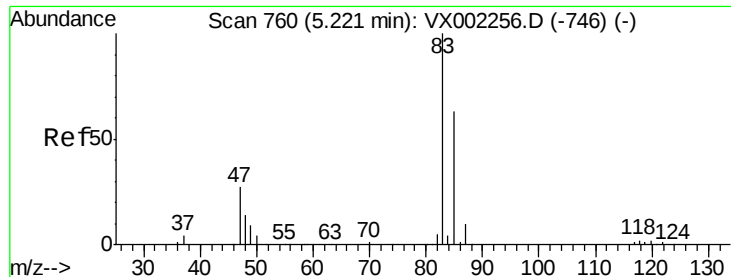
2000

1000

0

Time--> 4.50 4.55 4.60 4.65 4.70

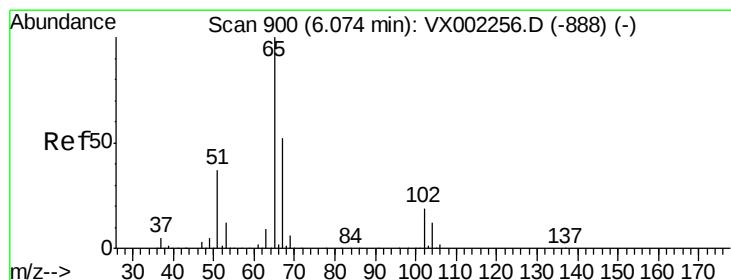
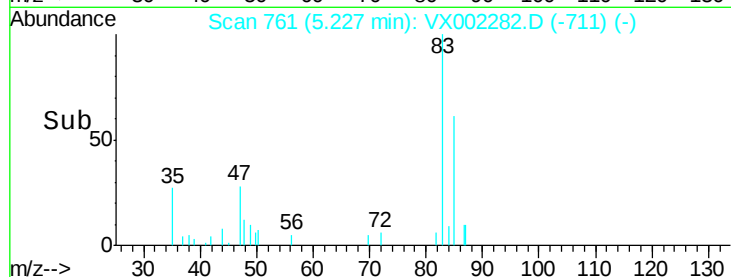
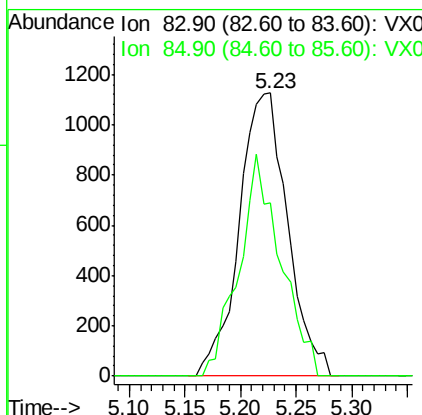
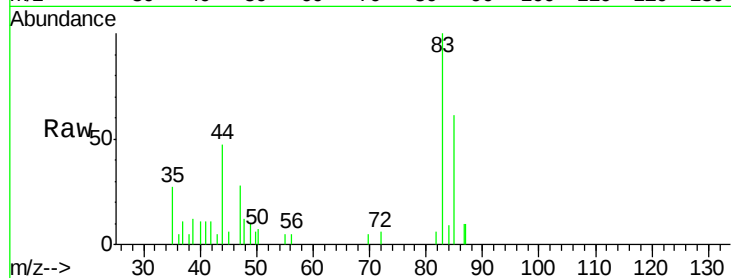




#30
Chloroform
Concen: 0.587 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002282.D
Acq: 05 Jun 2018 01:52

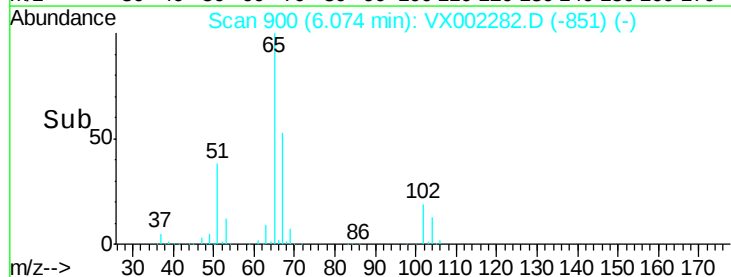
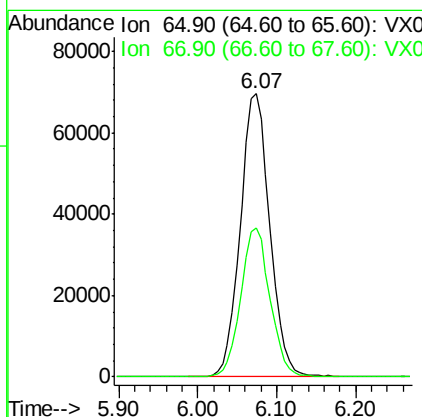
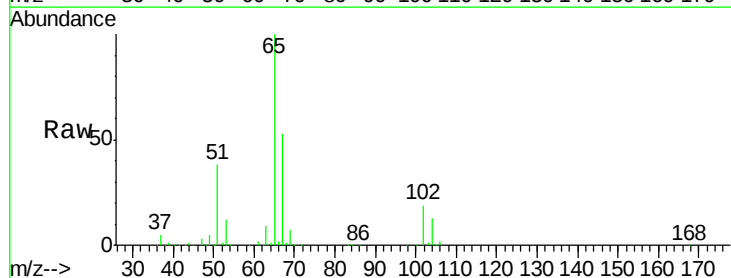
Instrument :
MSVOA_X
ClientSampleId :
SS004MW153-180529

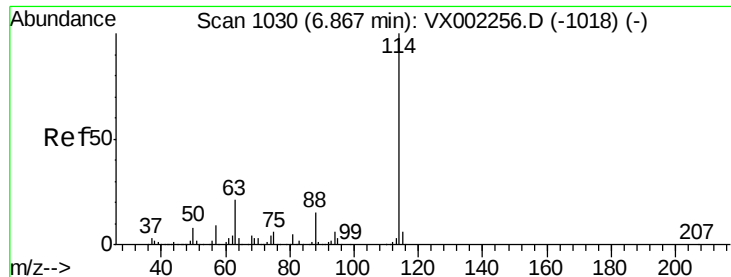
Tot Ion: 83 Resp: 3407
Ion Ratio Lower Upper
83 100
85 61.3 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 47.867 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002282.D
Acq: 05 Jun 2018 01:52

Tgt Ion: 65 Resp: 180918
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA_X

ClientSampleId :

SS004MW153-180529

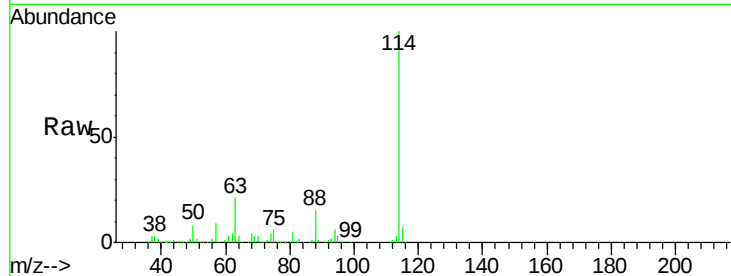
Tot Ion:114 Resp: 382031

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

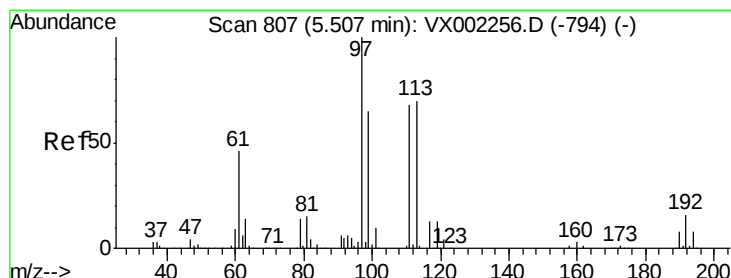
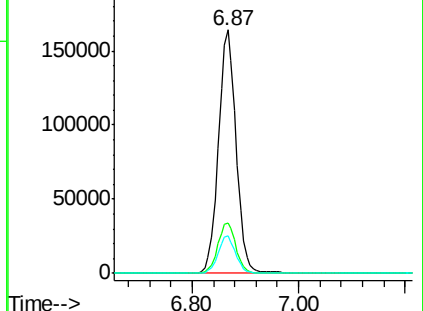
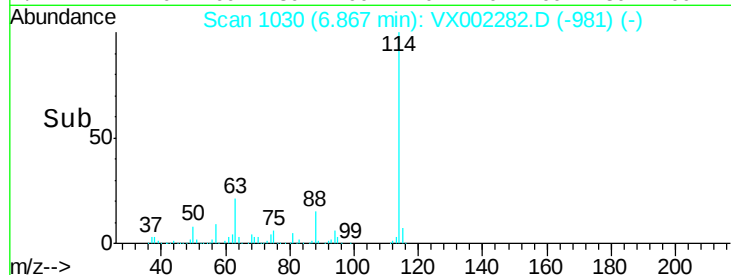
88 15.4 0.0 30.0



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: 44.358 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

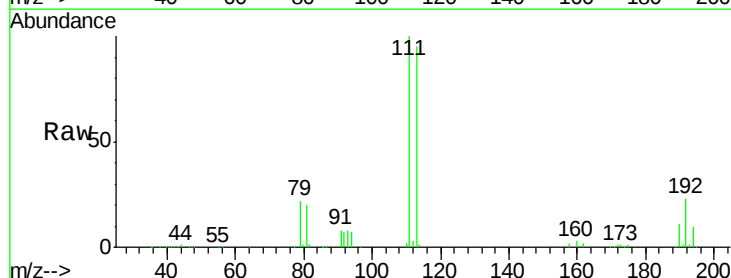
Tgt Ion:113 Resp: 133266

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

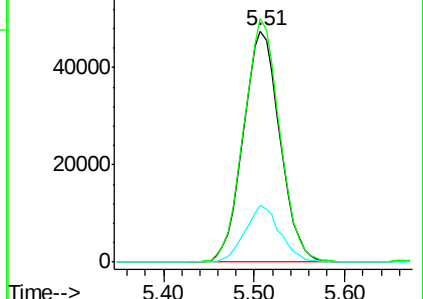
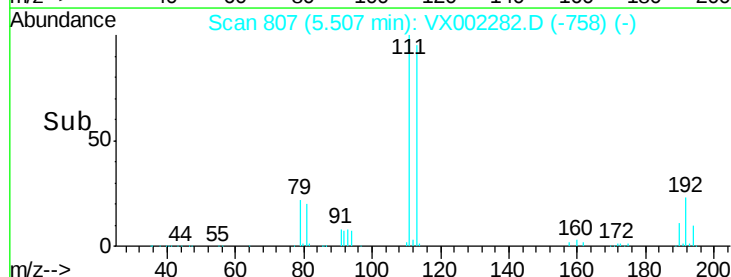
192 23.6 19.1 28.7

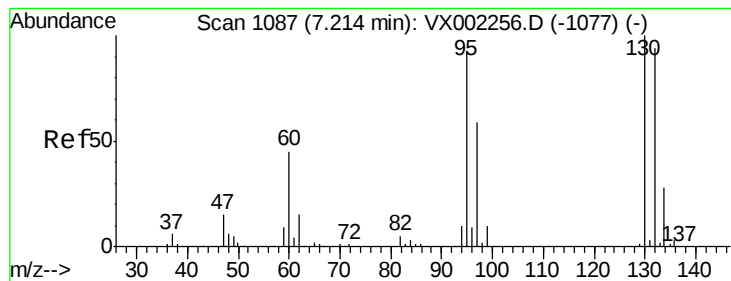


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 9.416 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA_X

ClientSampleId :

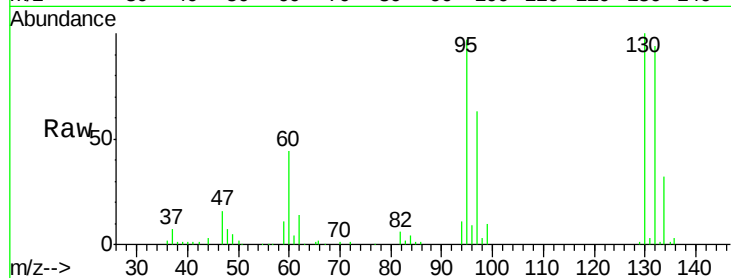
SS004MW153-180529

Tot Ion:130 Resp: 32181

Ion Ratio Lower Upper

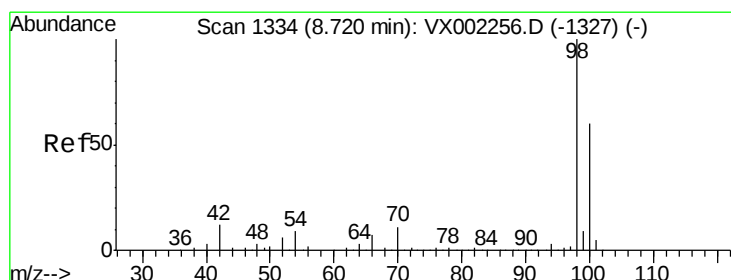
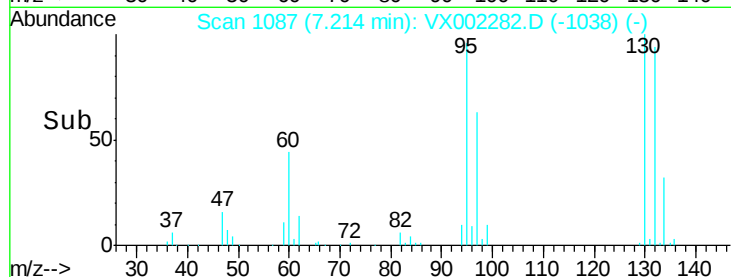
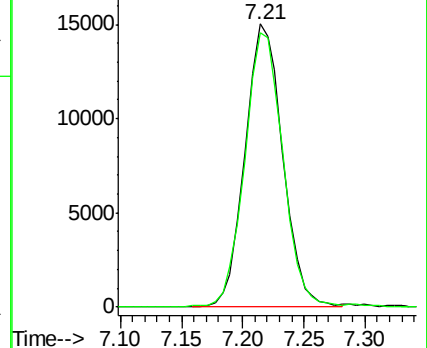
130 100

95 96.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.865 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002282.D

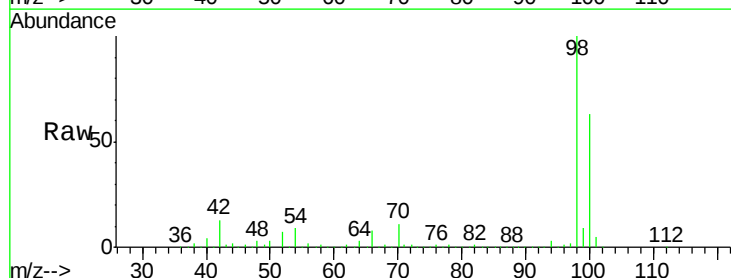
Acq: 05 Jun 2018 01:52

Tgt Ion: 98 Resp: 551186

Ion Ratio Lower Upper

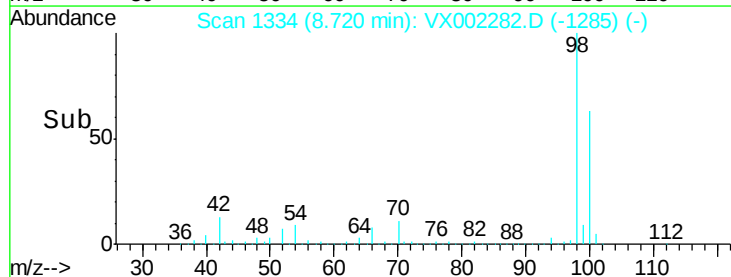
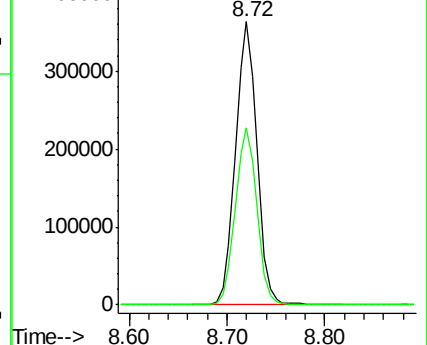
98 100

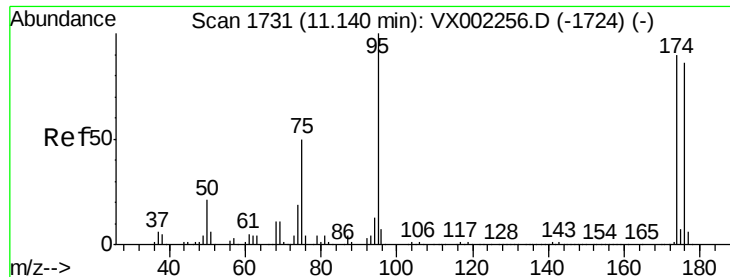
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

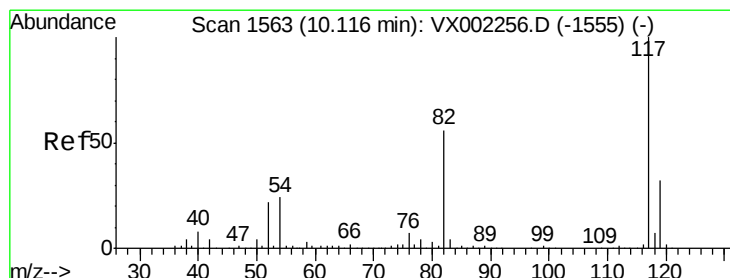
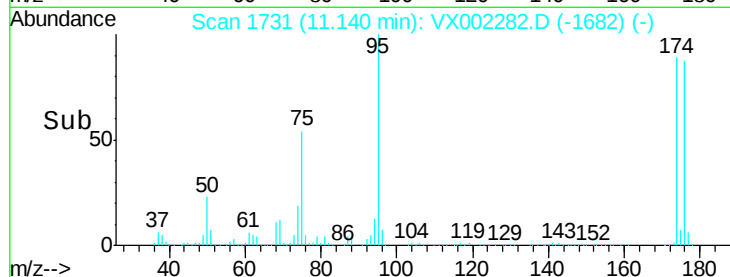
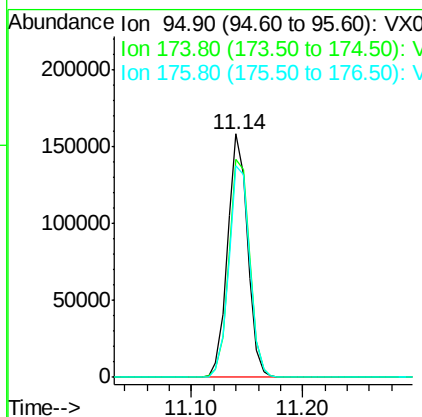
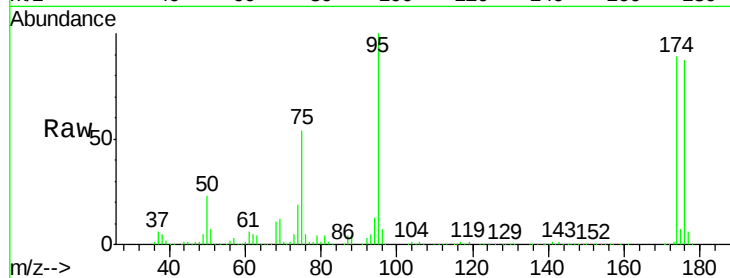




#62
4-Bromofluorobenzene
Concen: 44.143 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002282.D
Acq: 05 Jun 2018 01:52

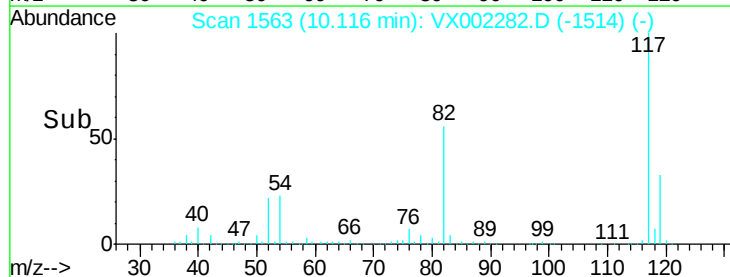
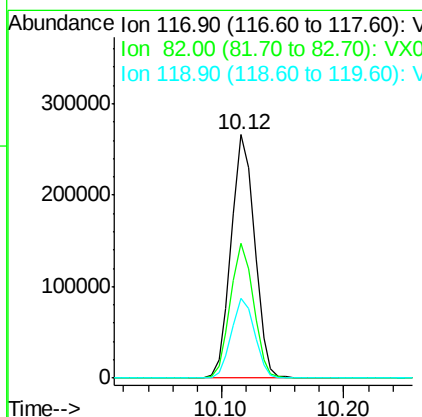
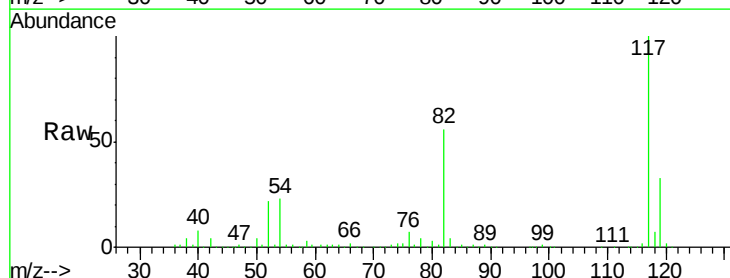
Instrument :
MSVOA_X
ClientSampleId :
SS004MW153-180529

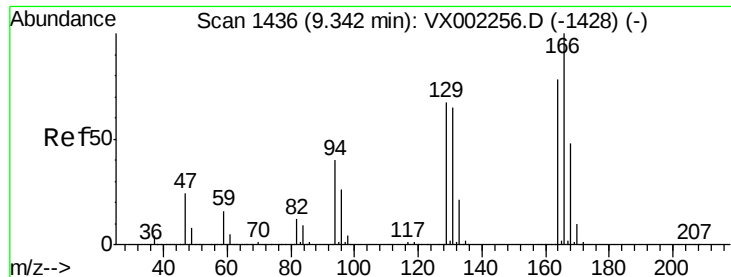
Tot Ion: 95 Resp: 196015
Ion Ratio Lower Upper
95 100
174 93.5 0.0 187.4
176 90.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002282.D
Acq: 05 Jun 2018 01:52

Tgt Ion: 117 Resp: 353363
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.5 25.8 38.6





#64

Tetrachloroethene

Concen: 0.307 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA_X

ClientSampleId :

SS004MW153-180529

Tot Ion:164 Resp: 1120

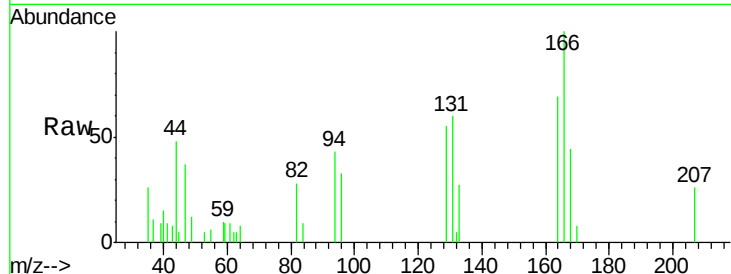
Ion Ratio Lower Upper

164 100

166 143.9 102.9 154.3

129 79.0 68.6 102.8

131 78.3 66.8 100.2

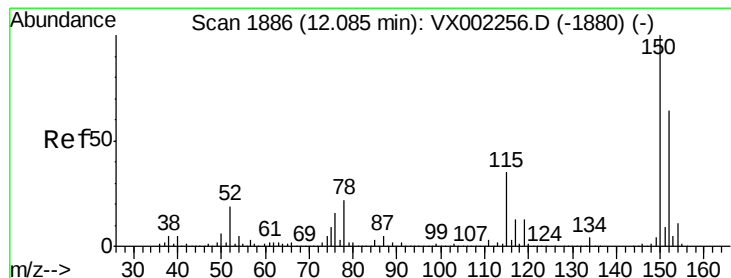
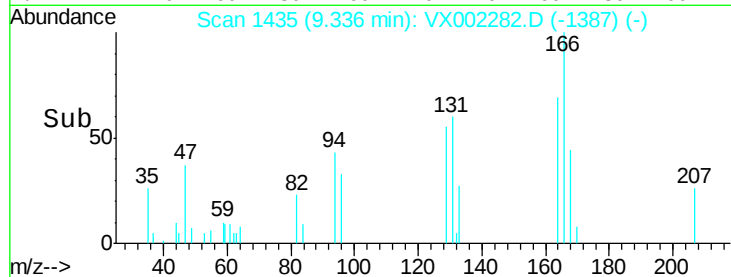
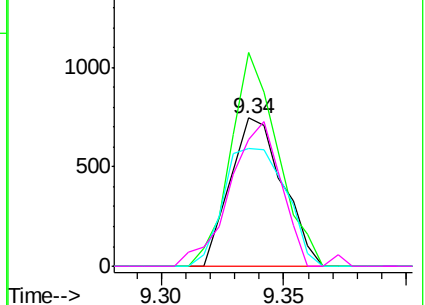


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

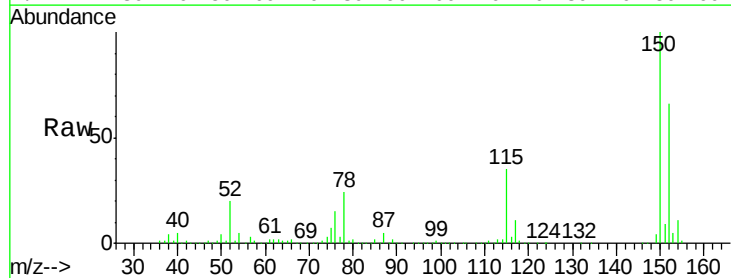
Tgt Ion:152 Resp: 204268

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

150 153.4 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

