

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002284.D
 Acq On : 05 Jun 2018 02:45
 Operator : JC/MD
 Sample : J3269-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW766-180530

Quant Time: Jun 05 07:37:28 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

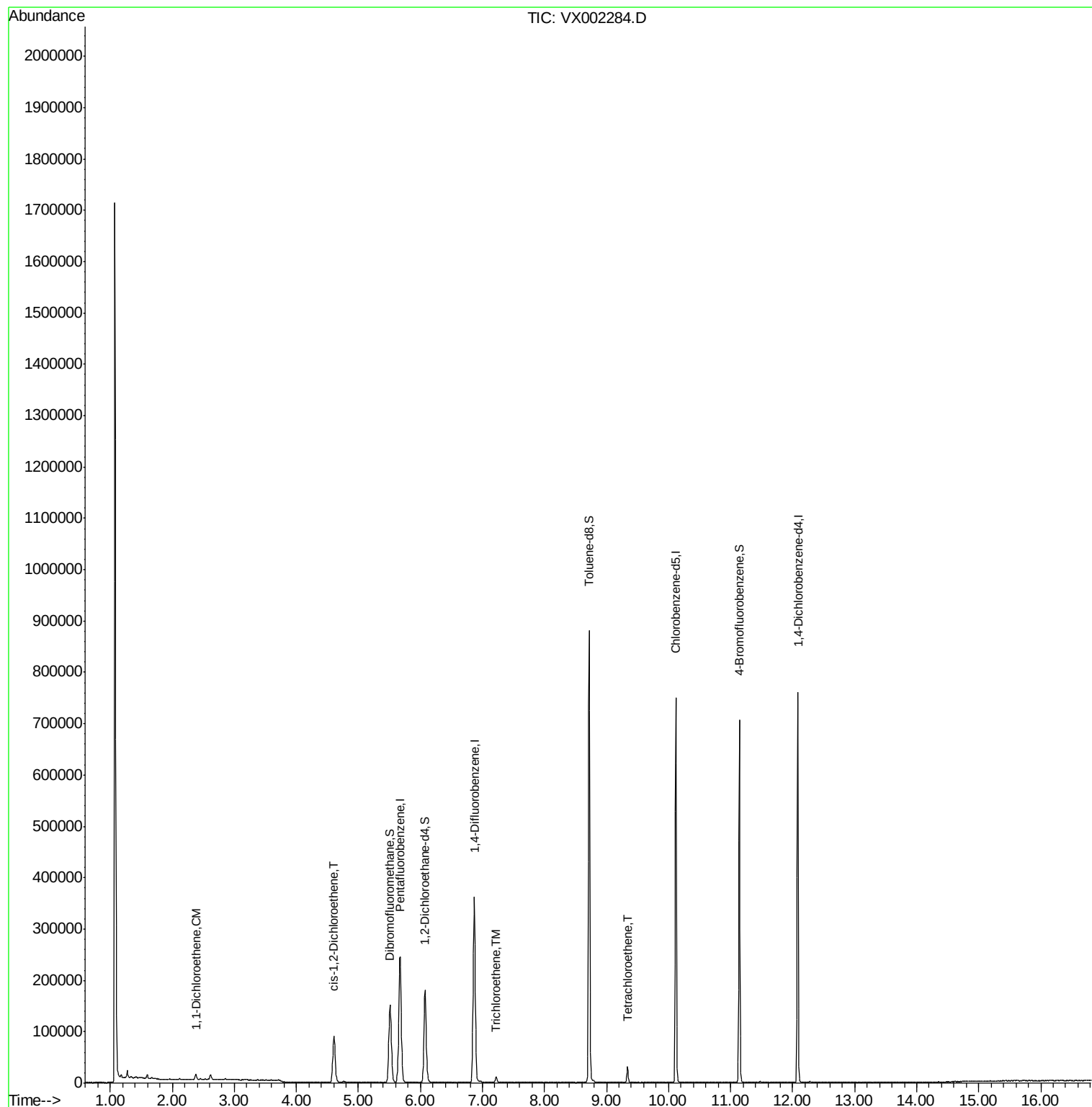
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169535	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.51	113	124086	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
50) Toluene-d8	8.72	98	502675	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.14	95	163874	39.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.80%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	3118	1.208	ug/l	86
27) cis-1,2-Dichloroethene	4.60	96	54544	17.617	ug/l	86
44) Trichloroethene	7.22	130	3724	1.178	ug/l	88
64) Tetrachloroethene	9.34	164	6283	1.944	ug/l	95

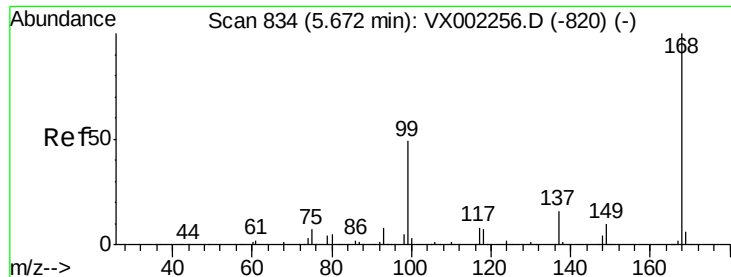
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060418\
Data File : VX002284.D
Acq On : 05 Jun 2018 02:45
Operator : JC/MD
Sample : J3269-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS052MW766-180530

Quant Time: Jun 05 07:37:28 2018
Quant Method : Y:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

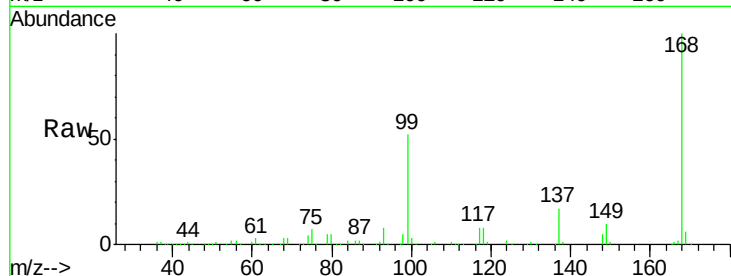
SS052MW766-180530

Tot Ion:168 Resp: 242505

Ion Ratio Lower Upper

168 100

99 51.5 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

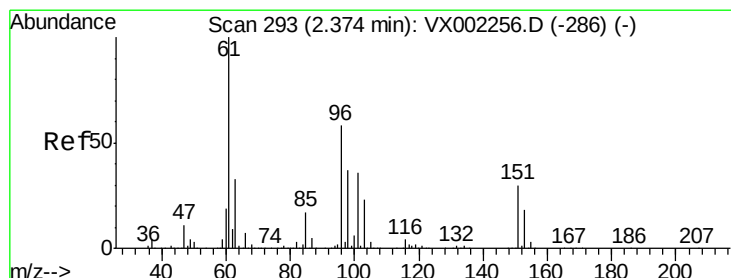
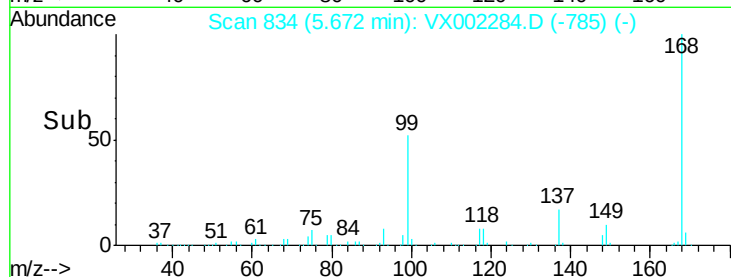
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 1.208 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

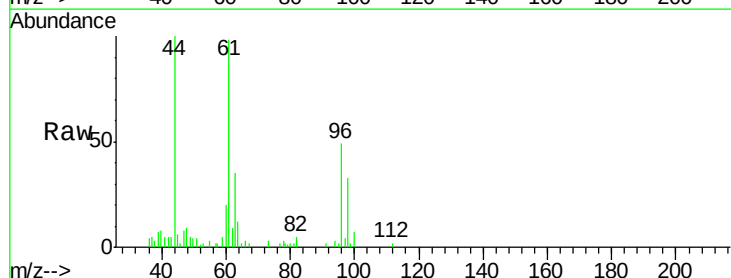
Tgt Ion: 96 Resp: 3118

Ion Ratio Lower Upper

96 100

61 196.2 137.9 206.9

98 68.2 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

4000

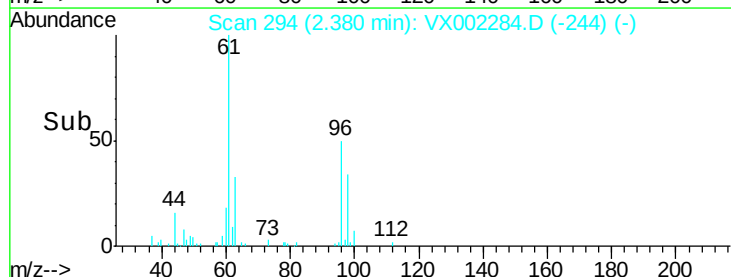
3000

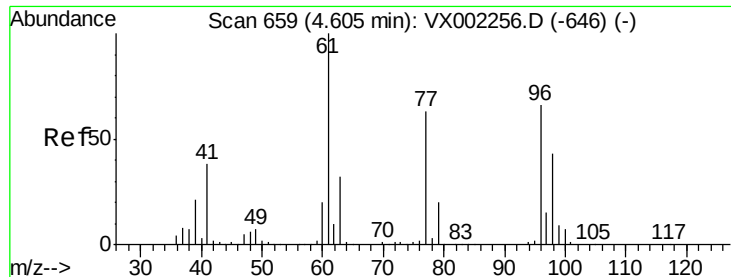
2000

1000

0

Time--> 2.30 2.35 2.40 2.45



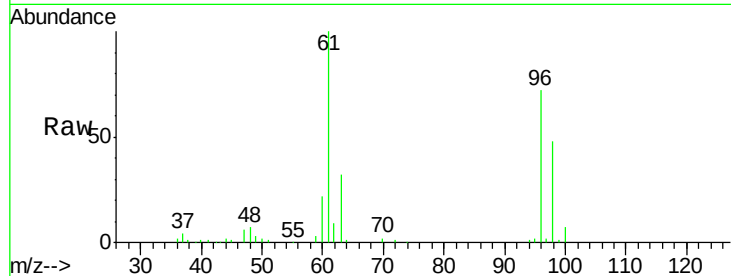


#27

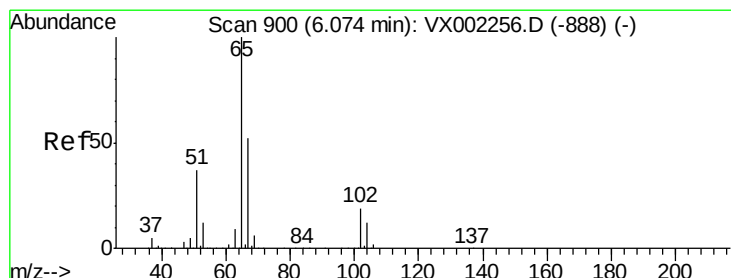
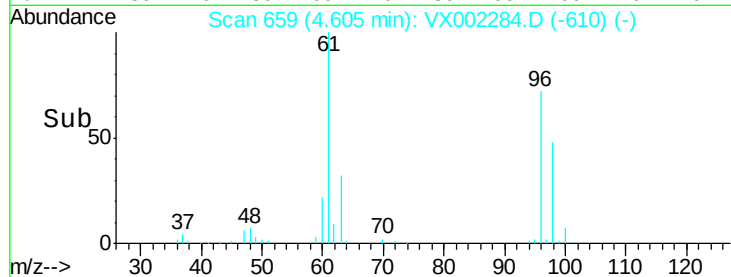
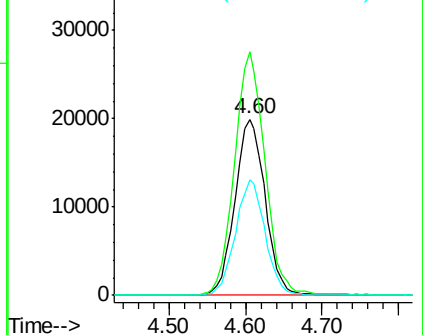
cis-1,2-Dichloroethene
 Concen: 17.617 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX002284.D
 Acq: 05 Jun 2018 02:45

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW766-180530

Tot Ion: 96 Resp: 54544
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 330.2
 98 64.4 0.0 130.2



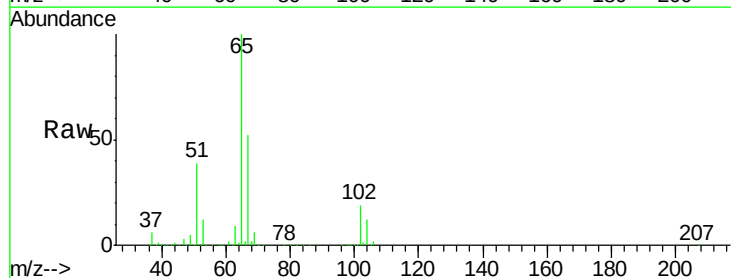
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



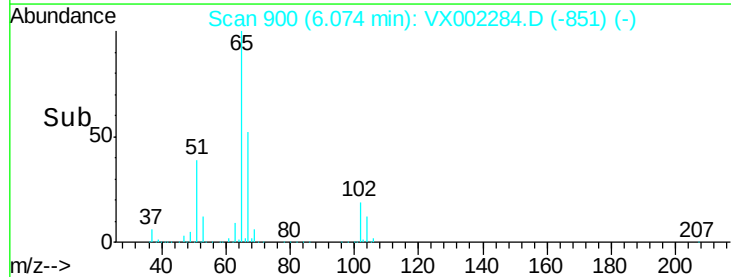
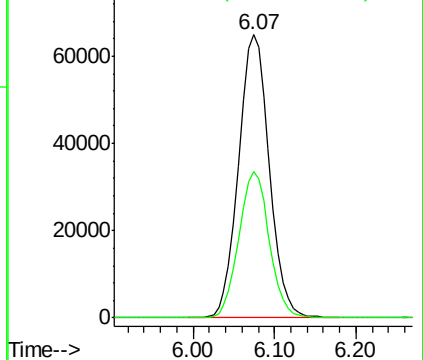
#33

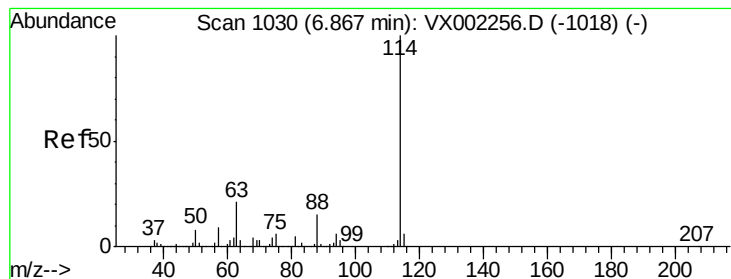
1,2-Dichloroethane-d4
 Concen: 48.805 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002284.D
 Acq: 05 Jun 2018 02:45

Tgt Ion: 65 Resp: 169535
 Ion Ratio Lower Upper
 65 100
 67 51.2 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW766-180530

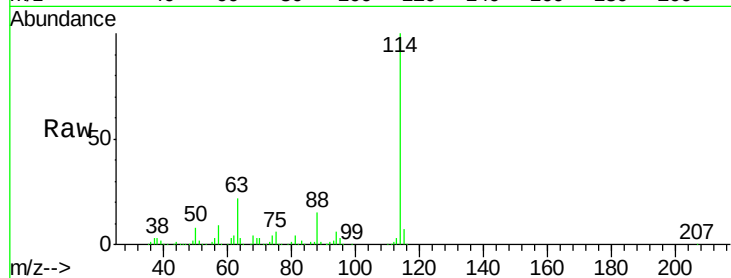
Tot Ion:114 Resp: 353308

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.4

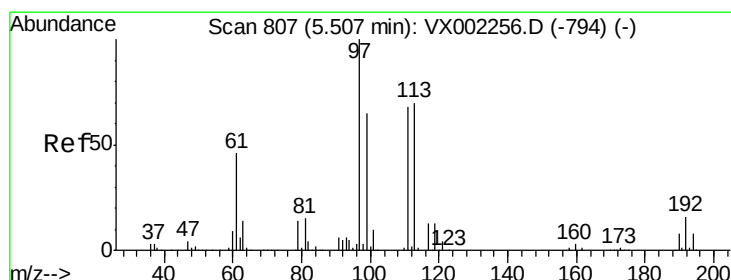
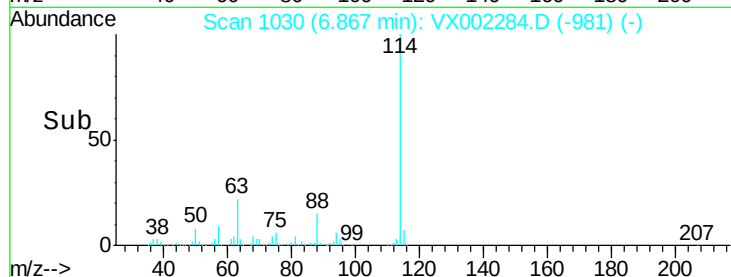
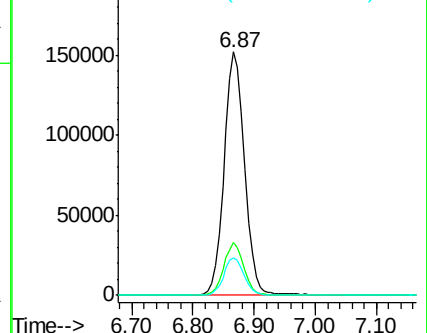
88 15.4 0.0 30.0



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: 44.660 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

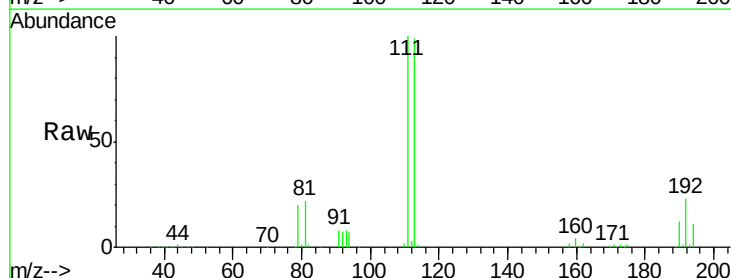
Tgt Ion:113 Resp: 124086

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

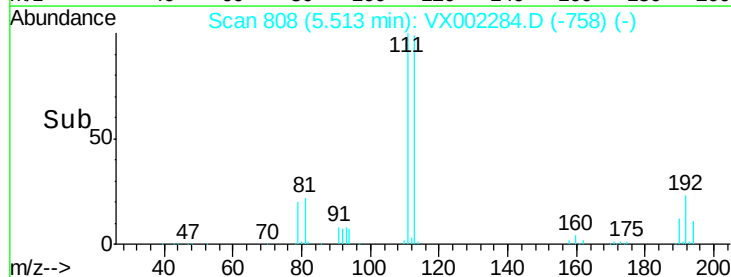
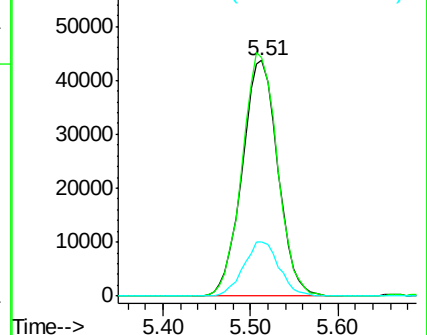
192 22.9 19.1 28.7

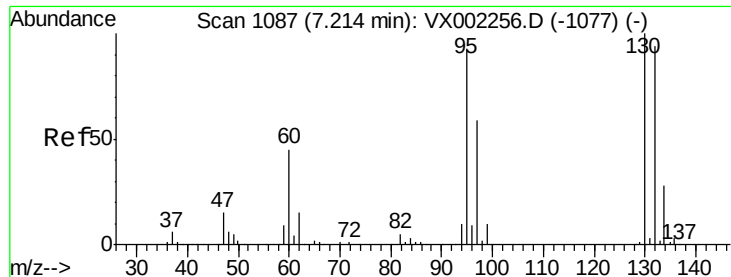


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.178 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

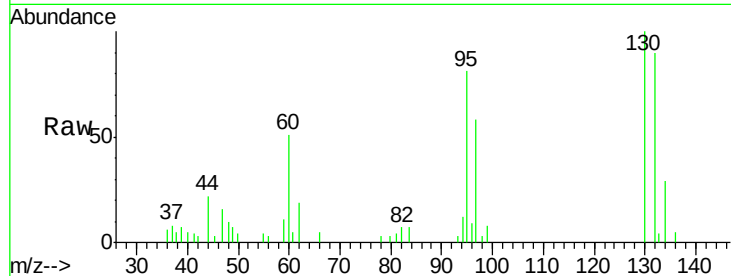
SS052MW766-180530

Tot Ion:130 Resp: 3724

Ion Ratio Lower Upper

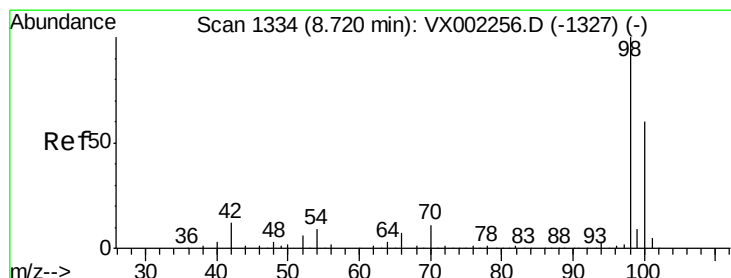
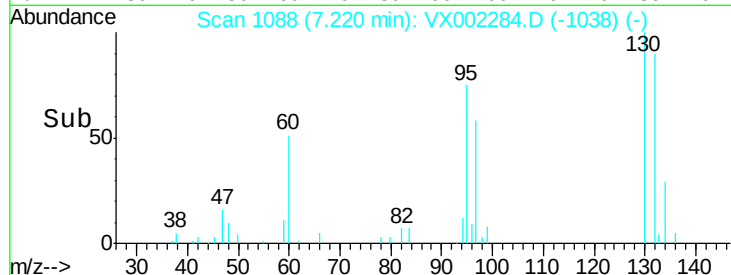
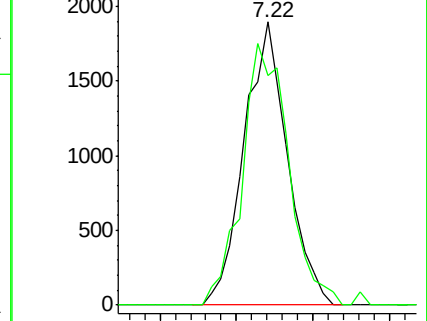
130 100

95 80.9 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: 47.201 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002284.D

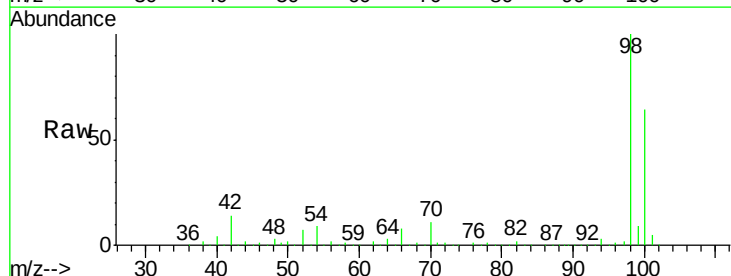
Acq: 05 Jun 2018 02:45

Tgt Ion: 98 Resp: 502675

Ion Ratio Lower Upper

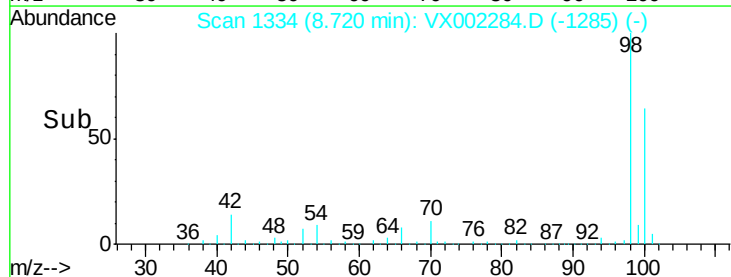
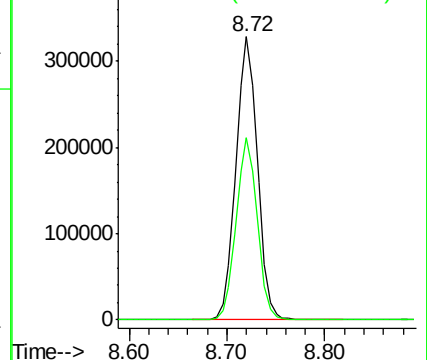
98 100

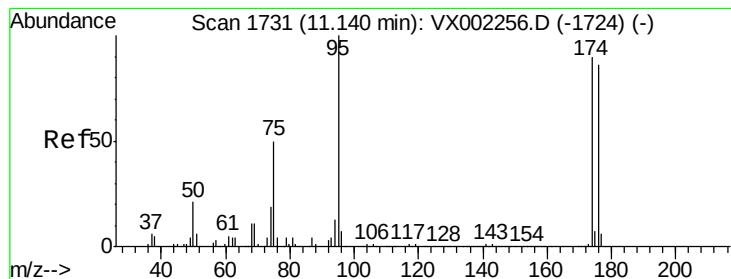
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 39.905 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW766-180530

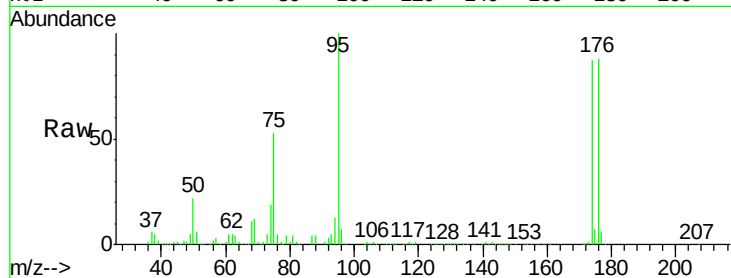
Tot Ion: 95 Resp: 163874

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.4

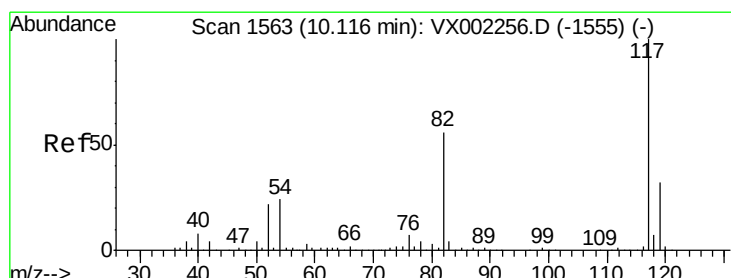
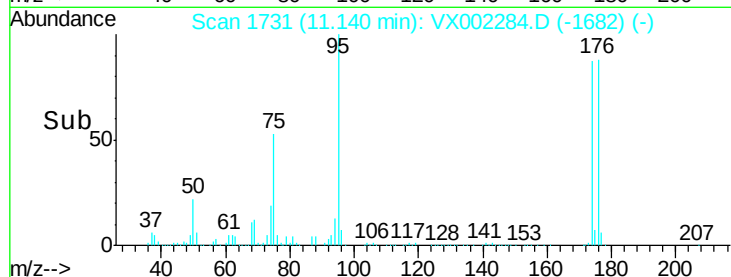
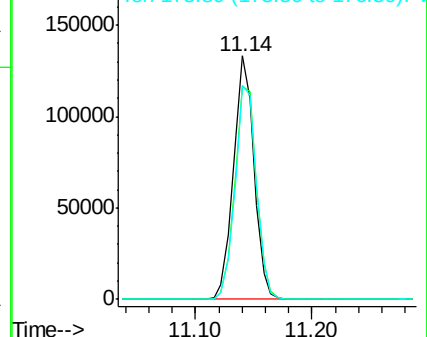
176 91.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

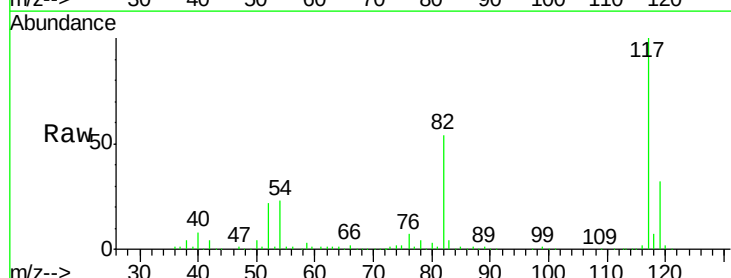
Tgt Ion: 117 Resp: 313389

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.4

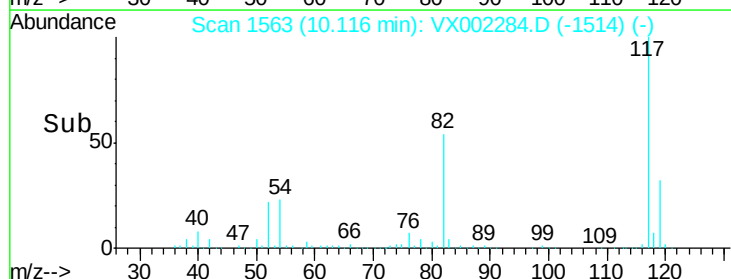
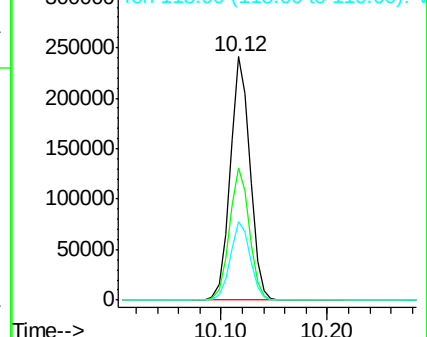
119 32.1 25.8 38.6

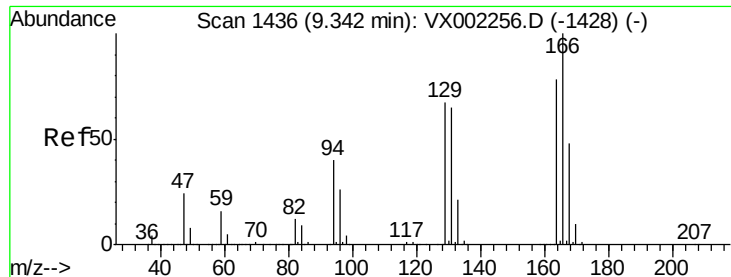


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)





#64

Tetrachloroethene

Concen: 1.944 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SS052MW766-180530

Tot Ion:164 Resp: 6283

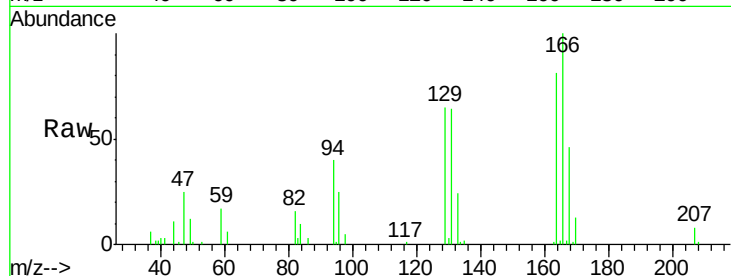
Ion Ratio Lower Upper

164 100

166 123.2 102.9 154.3

129 80.1 68.6 102.8

131 78.8 66.8 100.2



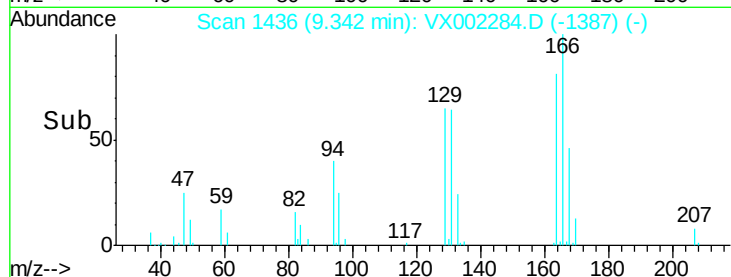
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

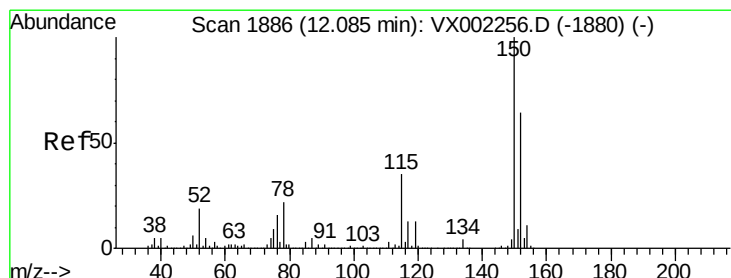
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002284.D

Acq: 05 Jun 2018 02:45

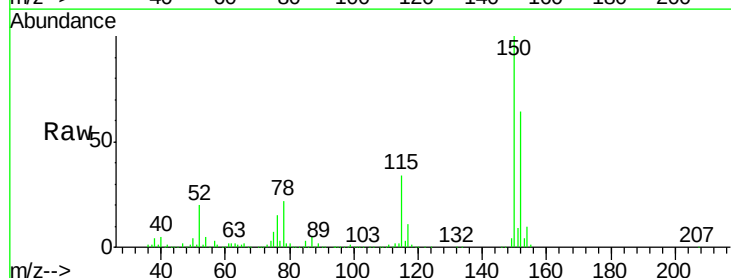
Tgt Ion:152 Resp: 159437

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

150 154.2 0.0 347.2

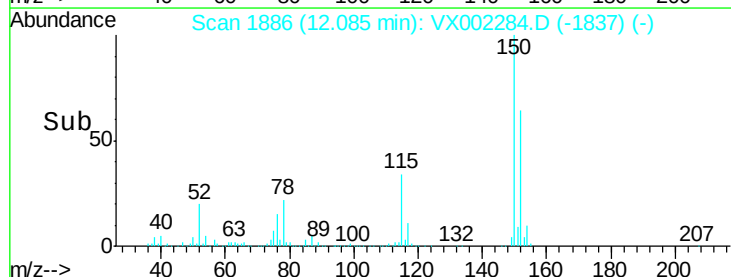


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->