

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001793.D
 Acq On : 17 May 2018 16:26
 Operator : JC/MD
 Sample : J2853-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW107-180508

Quant Time: May 18 04:39:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

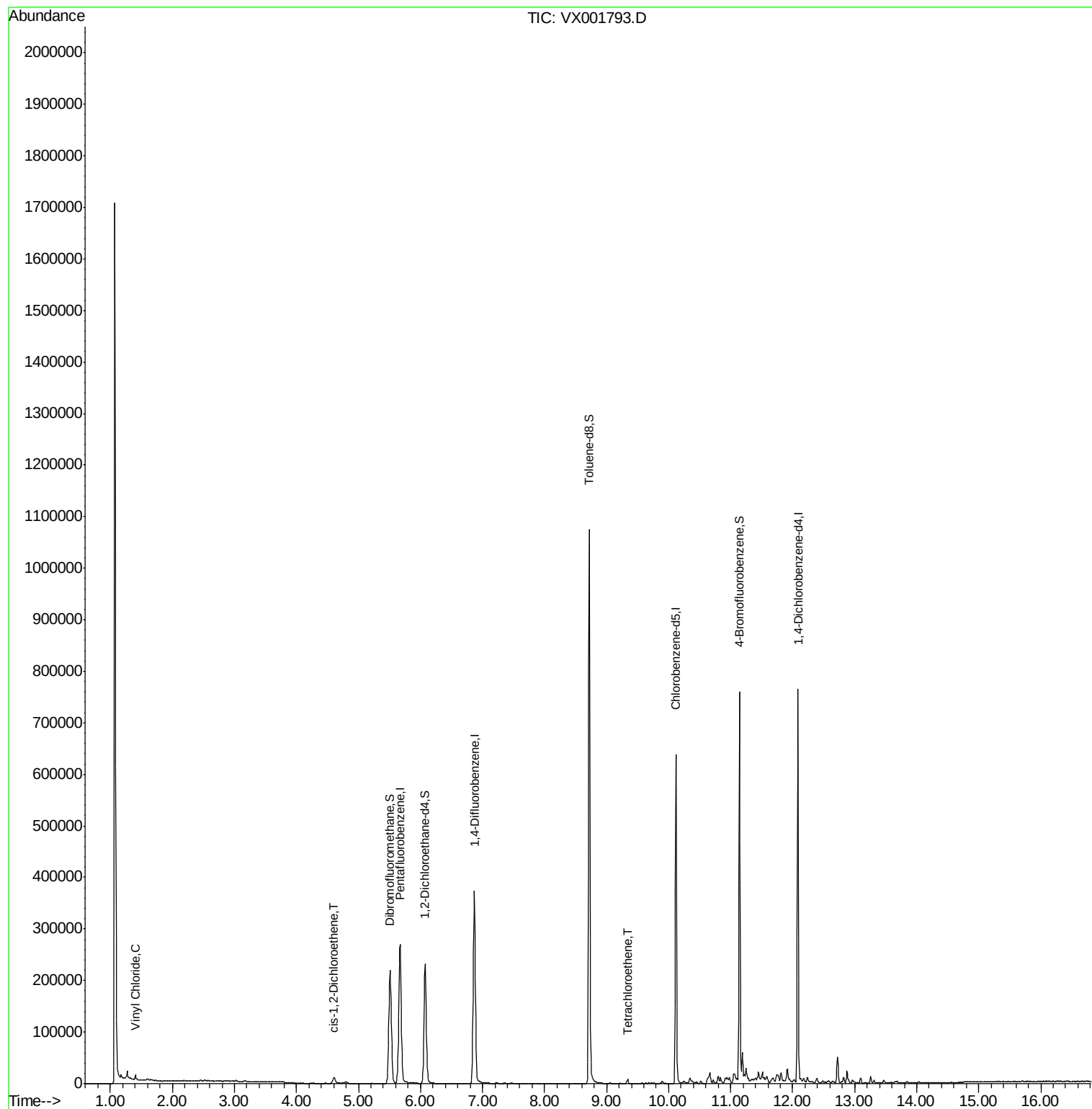
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	399492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	215091	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
35) Dibromofluoromethane	5.51	113	183509	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
50) Toluene-d8	8.72	98	645744	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	11.14	95	191947	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
4) Vinyl Chloride	1.40	62	6116	1.76	ug/l	Qvalue 100
27) cis-1,2-Dichloroethene	4.60	96	7004	1.91	ug/l	92
64) Tetrachloroethene	9.34	164	1666	0.40	ug/l	95

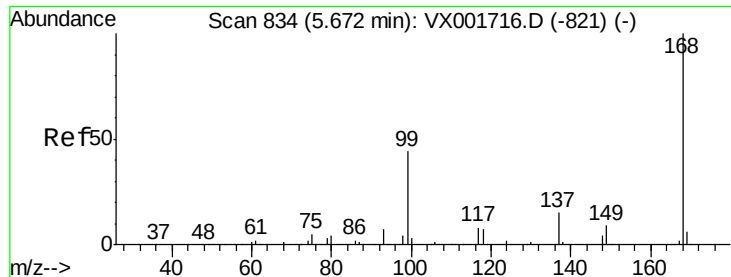
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX001793.D

Acq: 17 May 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

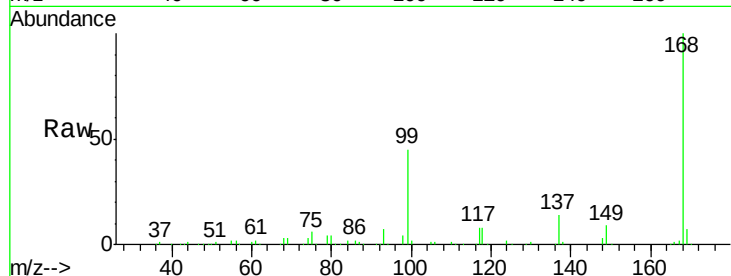
SS037MW107-180508

Tot Ion:168 Resp: 296438

Ion Ratio Lower Upper

168 100

99 45.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

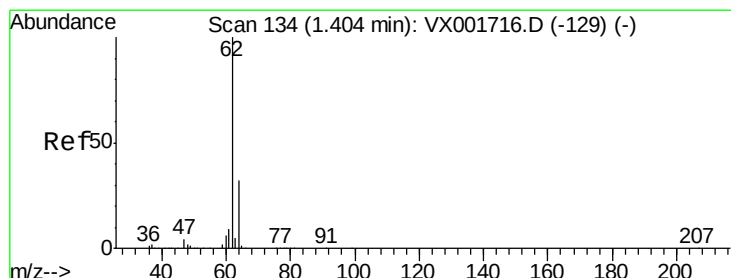
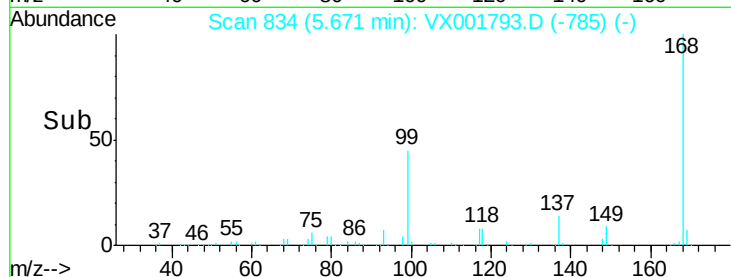
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 1.76 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001793.D

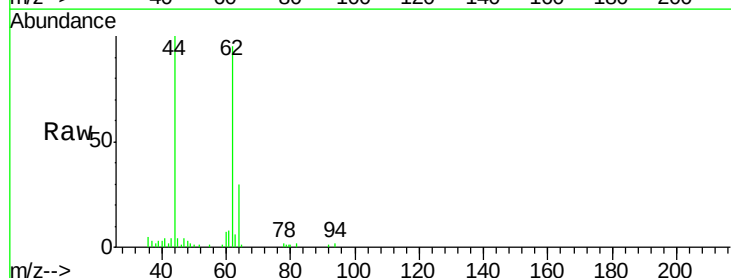
Acq: 17 May 2018 16:26

Tgt Ion: 62 Resp: 6116

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

6000

5000

4000

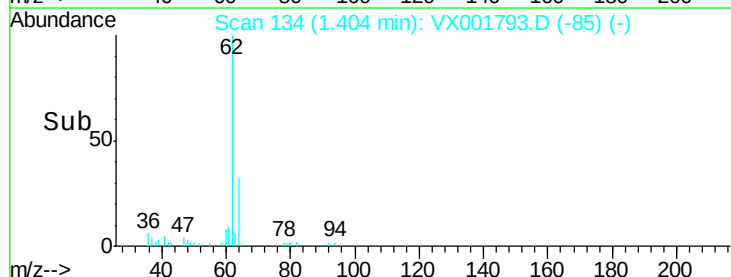
3000

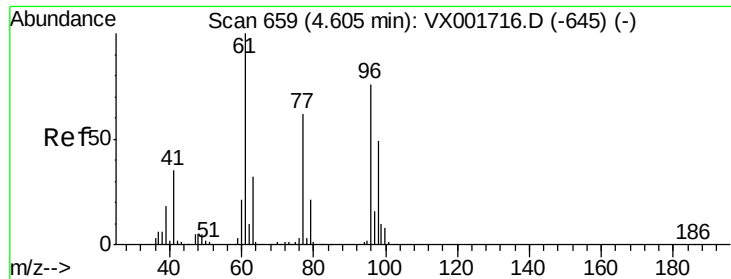
2000

1000

0

Time--> 1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 1.91 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001793.D

Acq: 17 May 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

SS037MW107-180508

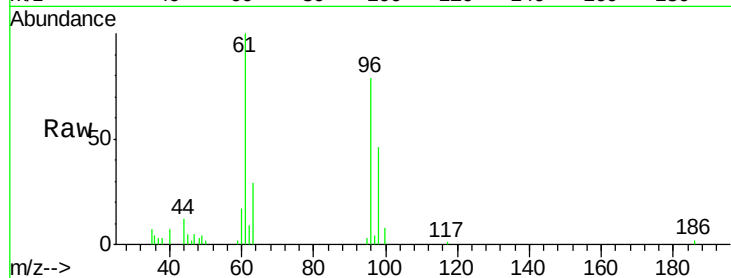
Tot Ion: 96 Resp: 7004

Ion Ratio Lower Upper

96 100

61 153.4 0.0 280.4

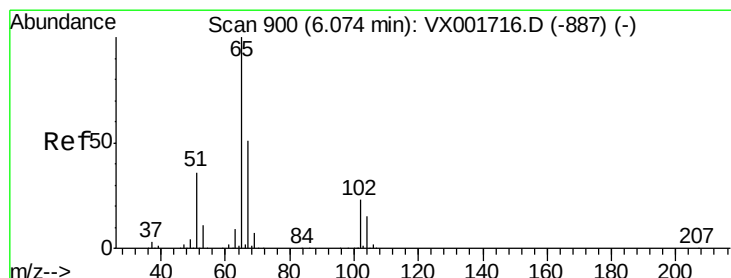
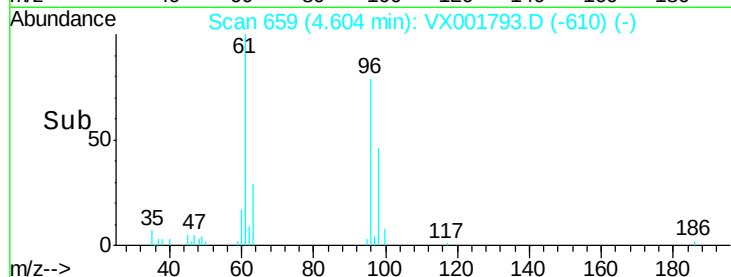
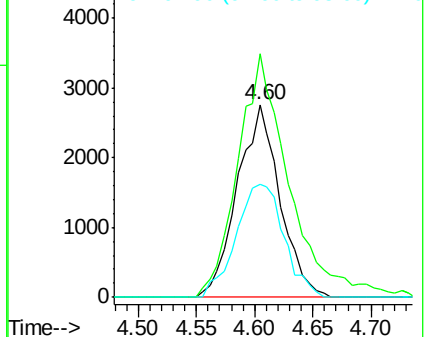
98 66.2 0.0 128.4



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



#33

1,2-Dichloroethane-d4

Concen: 54.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001793.D

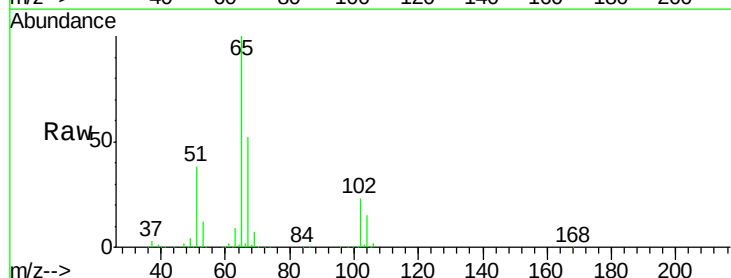
Acq: 17 May 2018 16:26

Tgt Ion: 65 Resp: 215091

Ion Ratio Lower Upper

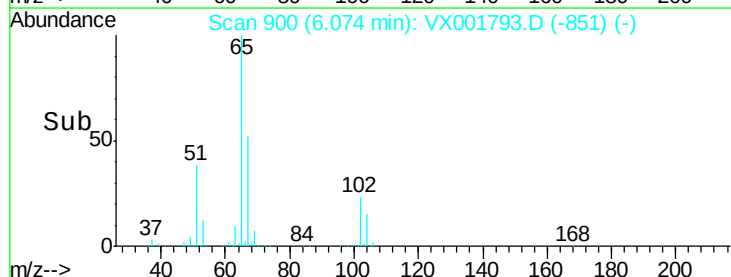
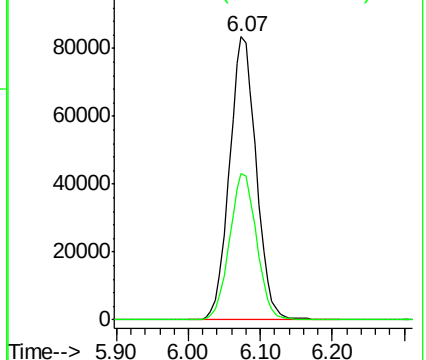
65 100

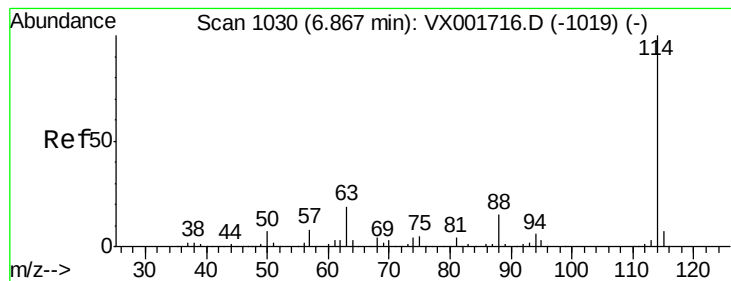
67 52.3 0.0 102.8



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: VX001793.D

Acq: 17 May 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

SS037MW107-180508

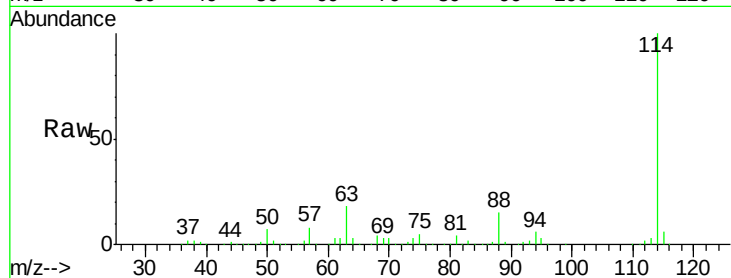
Tot Ion:114 Resp: 399492

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.0

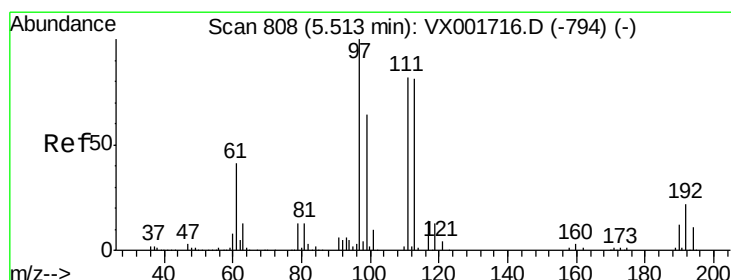
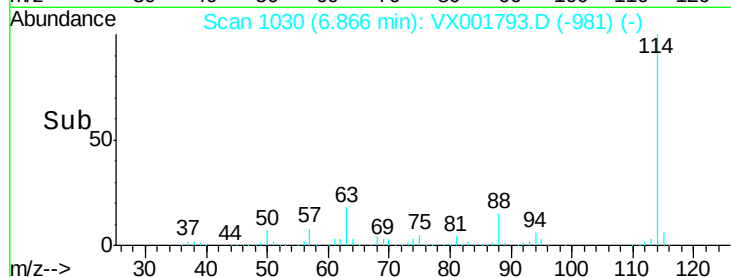
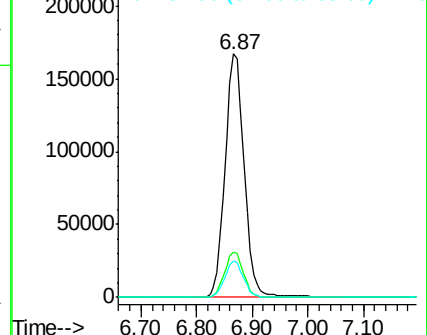
88 15.1 0.0 29.8



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: 54.43 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001793.D

Acq: 17 May 2018 16:26

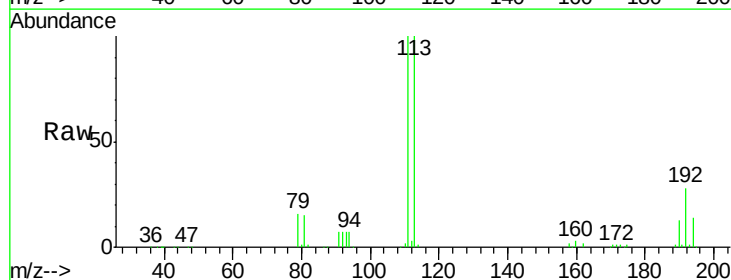
Tgt Ion:113 Resp: 183509

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

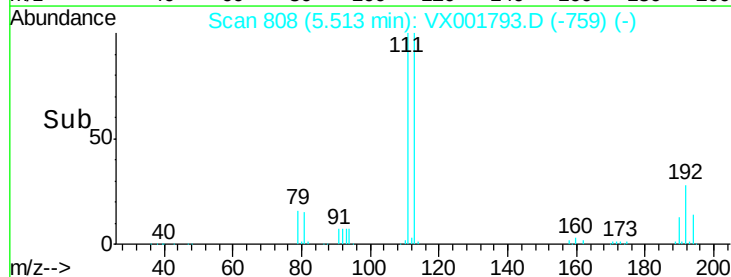
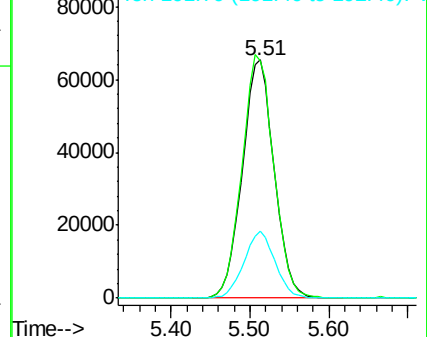
192 27.3 21.6 32.4

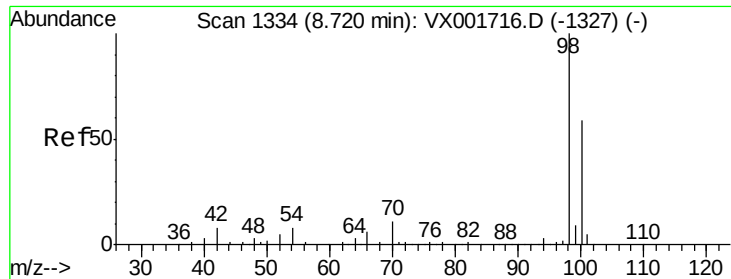


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.48 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001793.D

Acq: 17 May 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

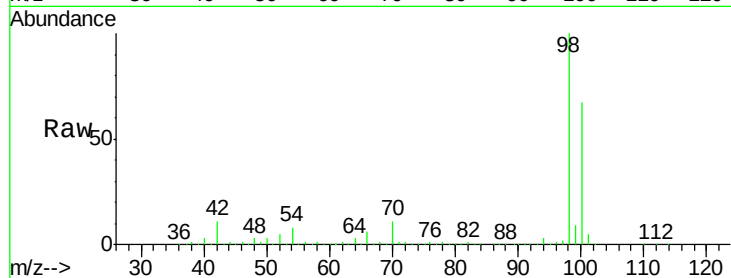
SS037MW107-180508

Tot Ion: 98 Resp: 645744

Ion Ratio Lower Upper

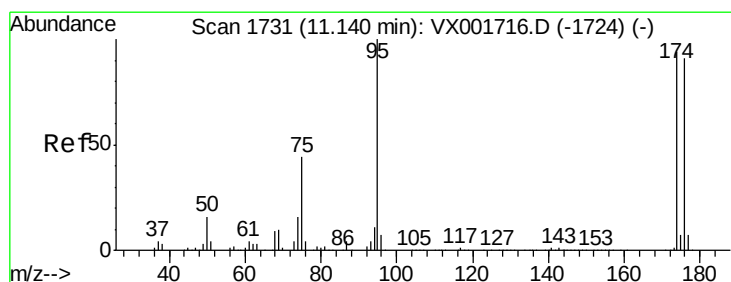
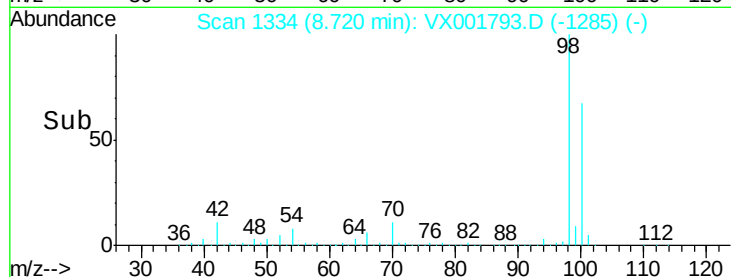
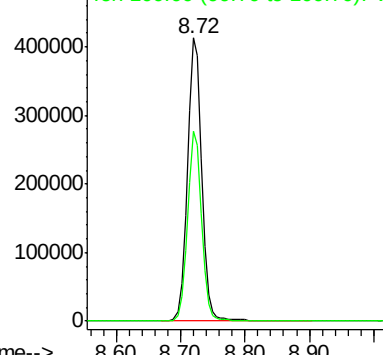
98 100

100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001793.D

Acq: 17 May 2018 16:26

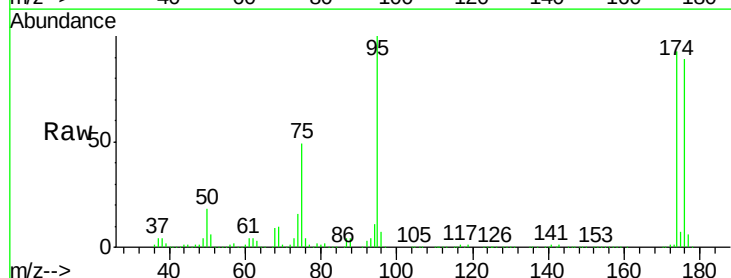
Tgt Ion: 95 Resp: 191947

Ion Ratio Lower Upper

95 100

174 102.6 0.0 201.8

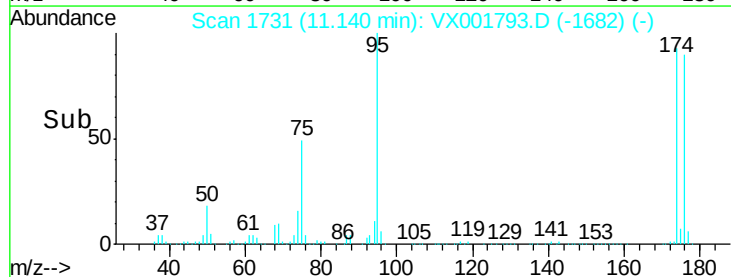
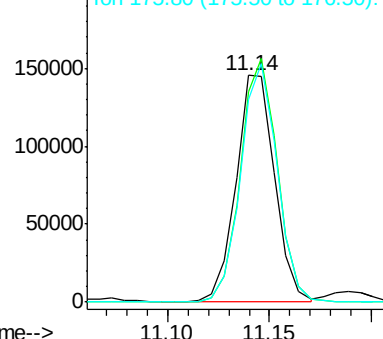
176 99.8 0.0 196.8

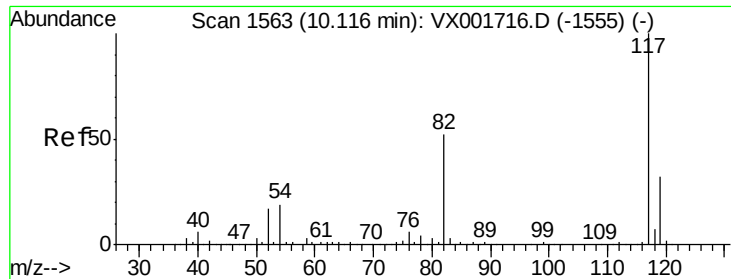


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001793.D

Acq: 17 May 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

SS037MW107-180508

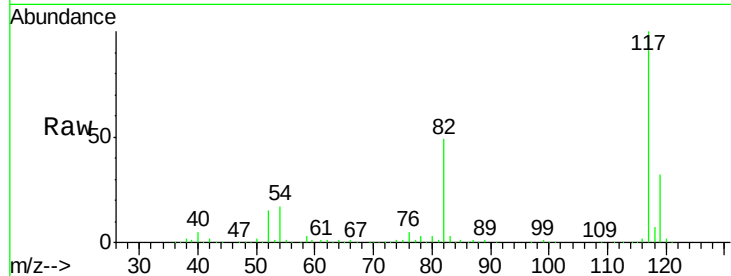
Tot Ion:117 Resp: 316171

Ion Ratio Lower Upper

117 100

82 49.4 41.4 62.2

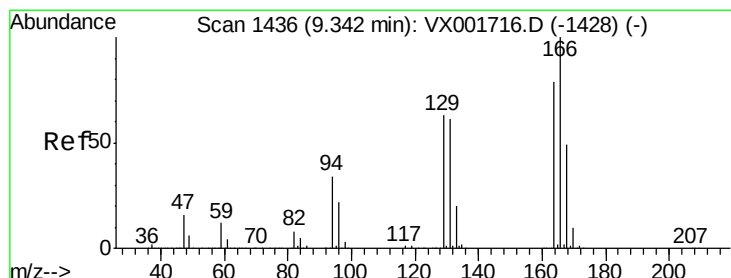
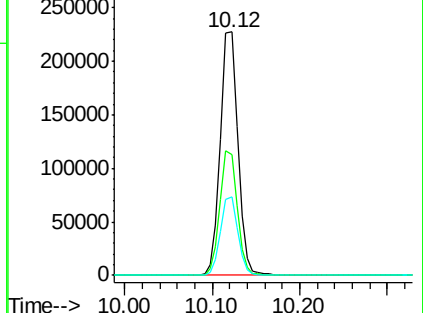
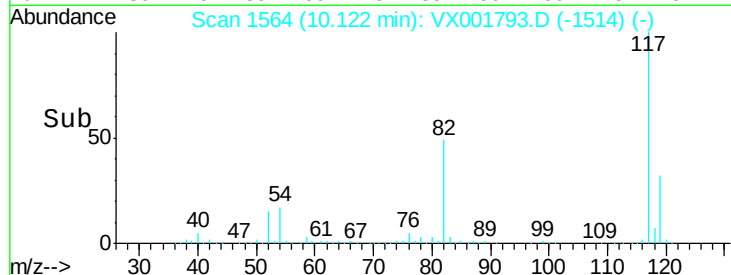
119 32.3 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.40 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001793.D

Acq: 17 May 2018 16:26

Tgt Ion:164 Resp: 1666

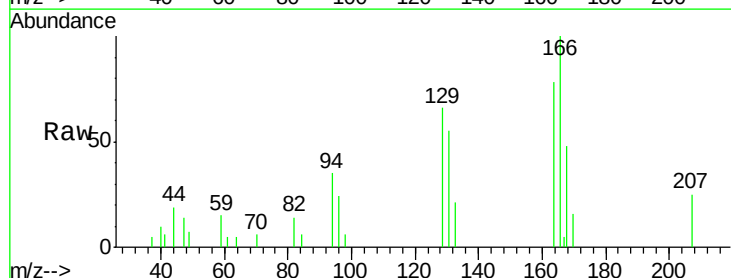
Ion Ratio Lower Upper

164 100

166 128.6 101.8 152.8

129 85.0 63.8 95.6

131 70.3 62.2 93.2

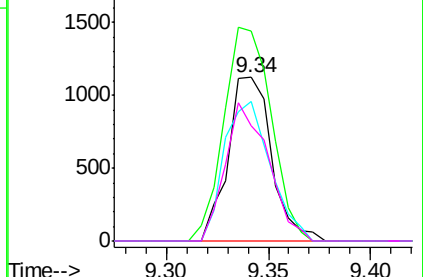
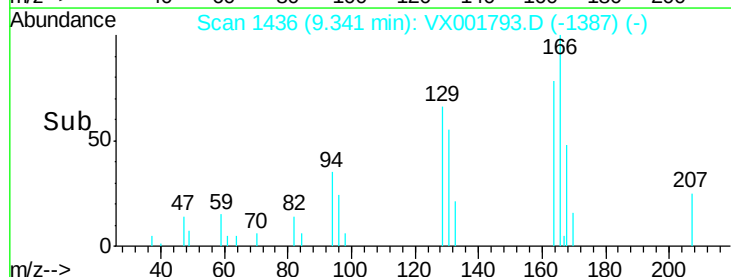


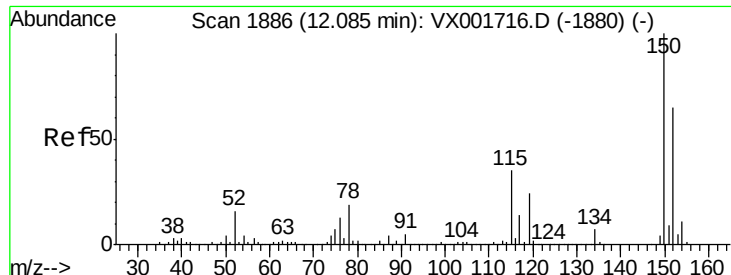
Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001793.D

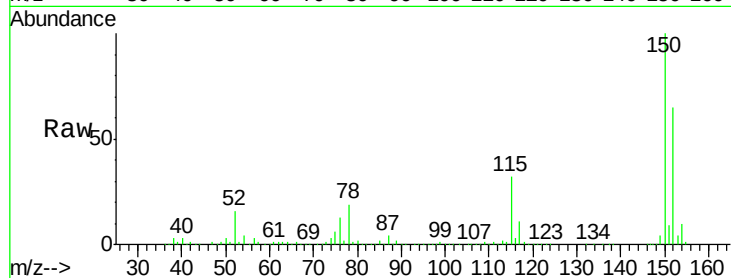
Acq: 17 May 2018 16:26

Instrument :

MSVOA_X

ClientSampleId :

SS037MW107-180508



Tot Ion:152 Resp: 164738

Ion Ratio Lower Upper

152 100

115 51.4 37.4 112.2

150 156.0 0.0 344.8

