

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001825.D
 Acq On : 18 May 2018 14:54
 Operator : JC/MD
 Sample : J2853-12DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW305-180507DL

Quant Time: May 19 04:52:35 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

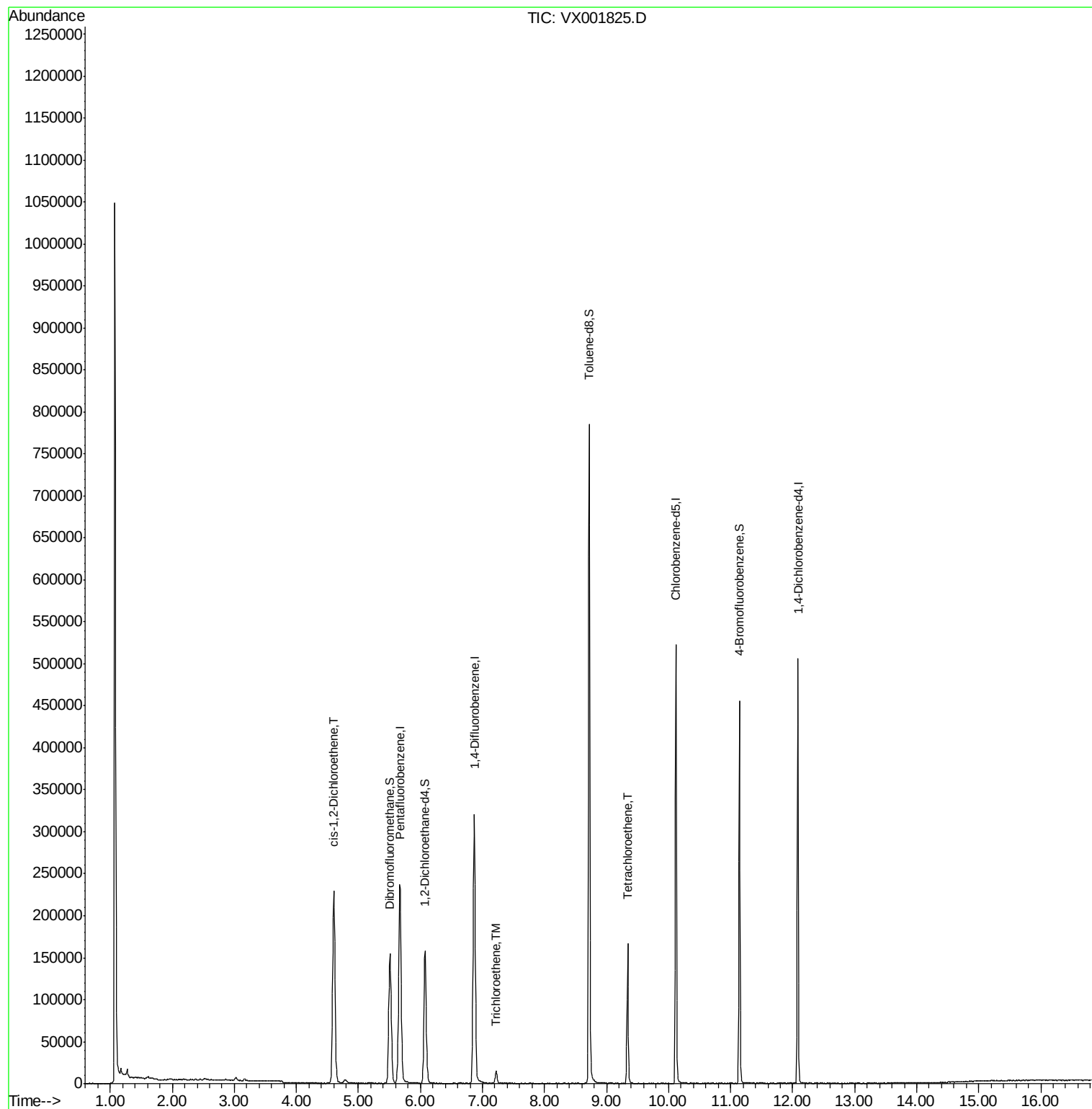
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	343624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	254444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146679	41.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.72%	
35) Dibromofluoromethane	5.51	113	130506	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
50) Toluene-d8	8.72	98	465243	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
62) 4-Bromofluorobenzene	11.14	95	117793	31.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.00%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	155304	47.95	ug/l	90
44) Trichloroethene	7.22	130	6125	1.69	ug/l	98
64) Tetrachloroethene	9.34	164	37584	11.35	ug/l	98

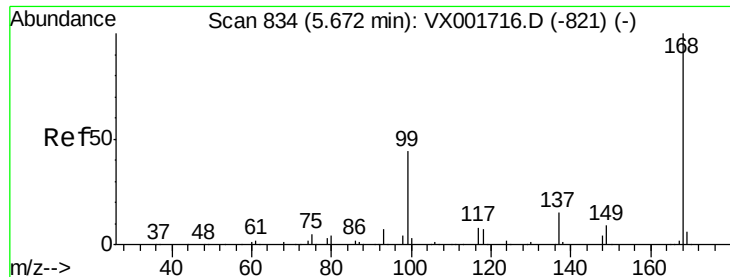
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001825.D

Acq: 18 May 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

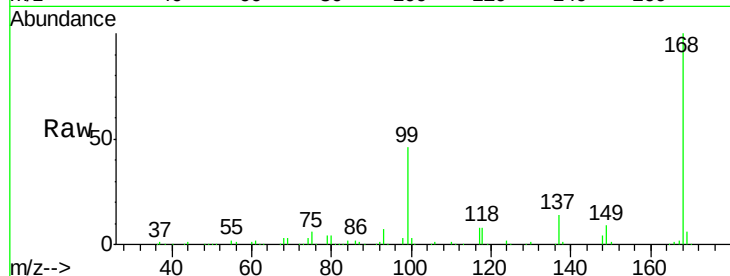
ST008MW305-180507DL

Tot Ion:168 Resp: 261433

Ion Ratio Lower Upper

168 100

99 45.9 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

100000

80000

60000

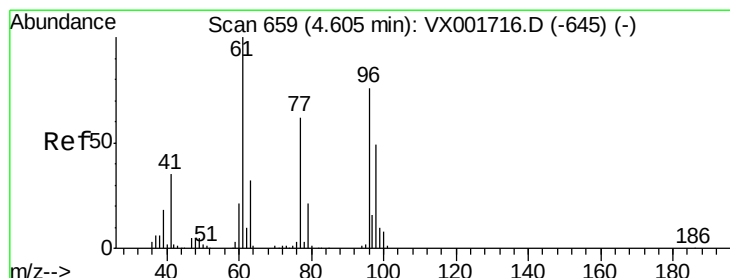
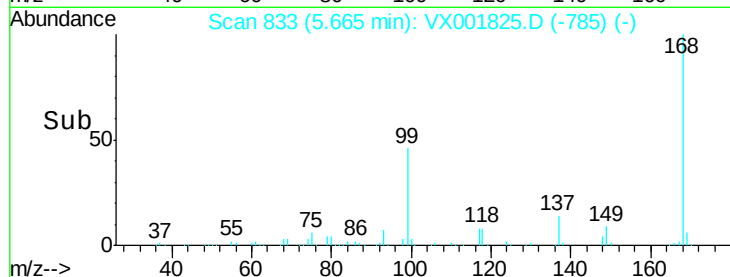
40000

20000

0

Time-->

5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 47.95 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001825.D

Acq: 18 May 2018 14:54

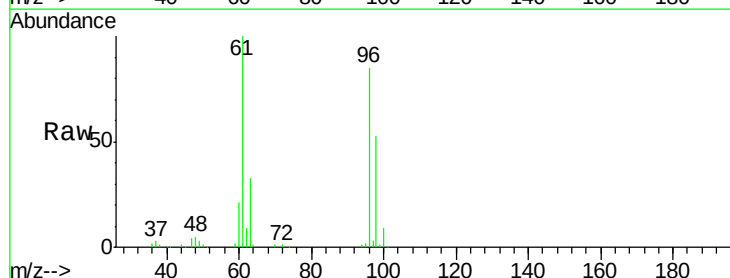
Tgt Ion: 96 Resp: 155304

Ion Ratio Lower Upper

96 100

61 122.5 0.0 280.4

98 64.0 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

4.60

80000

60000

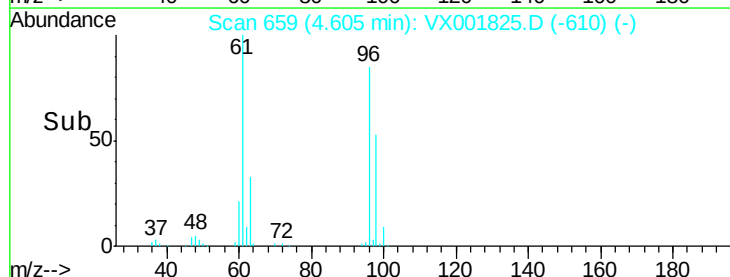
40000

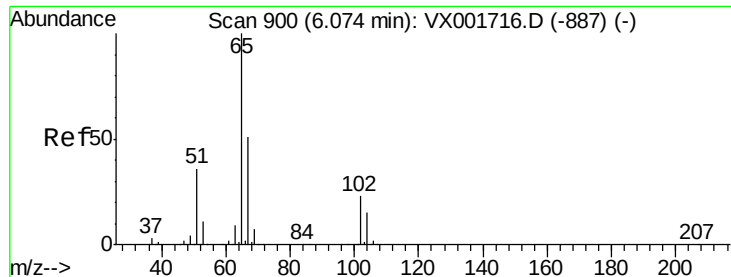
20000

0

Time-->

4.50 4.60 4.70

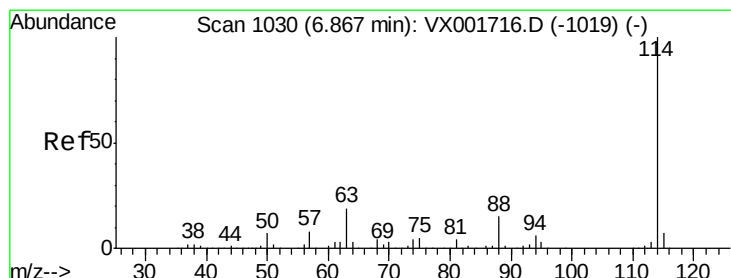
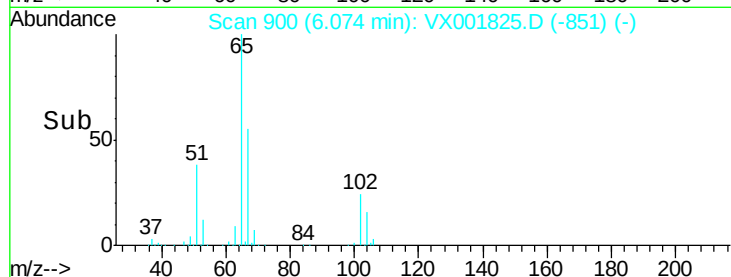
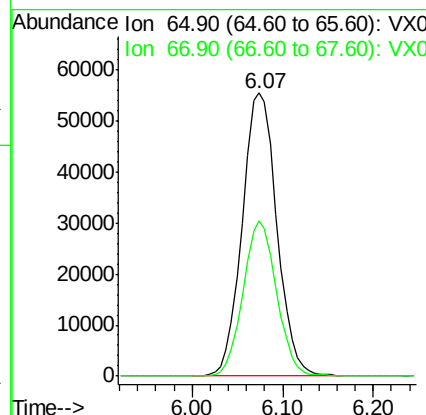
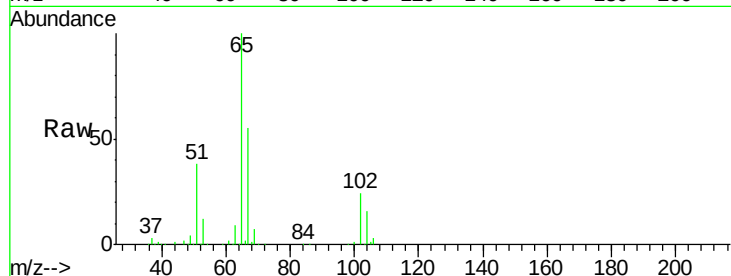




#33
 1,2-Dichloroethane-d4
 Concen: 41.86 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001825.D
 Acq: 18 May 2018 14:54

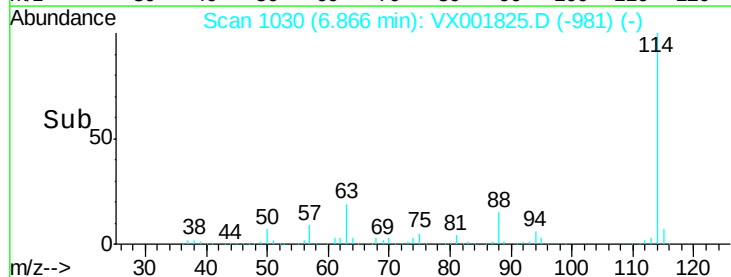
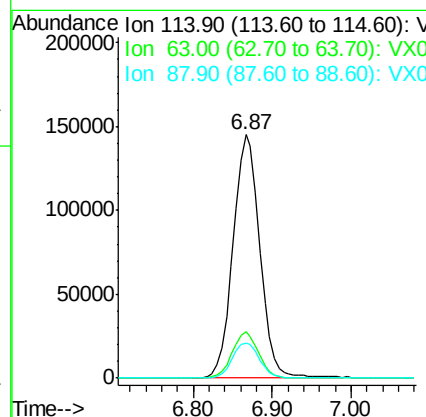
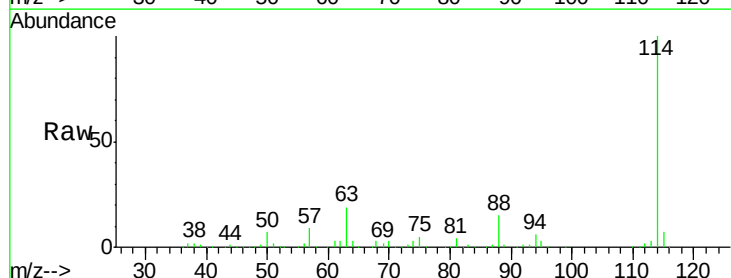
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW305-180507DL

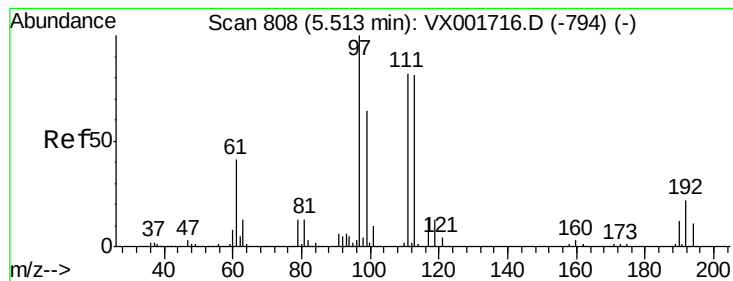
Tot Ion: 65 Resp: 146679
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001825.D
 Acq: 18 May 2018 14:54

Tgt Ion: 114 Resp: 343624
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.0
 88 14.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 45.00 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001825.D

Acq: 18 May 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

ST008MW305-180507DL

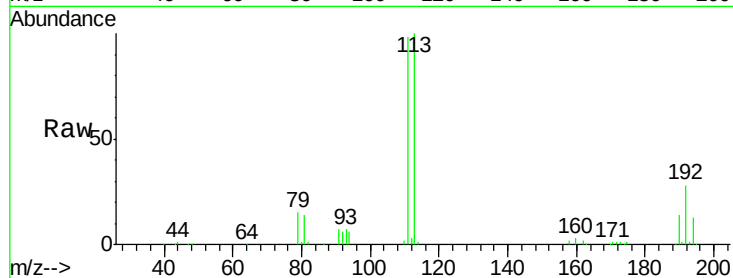
Tot Ion:113 Resp: 130506

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

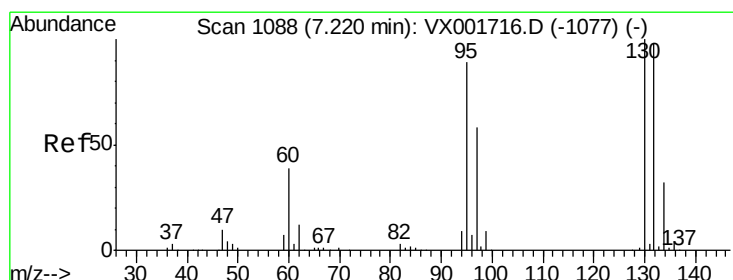
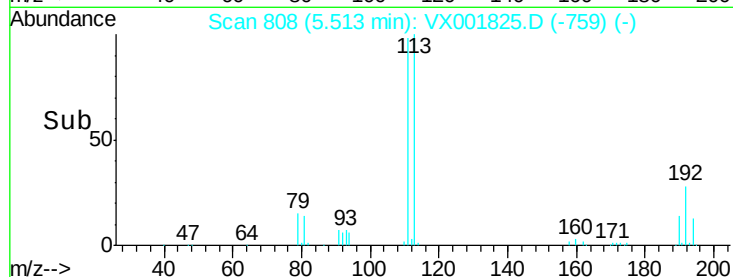
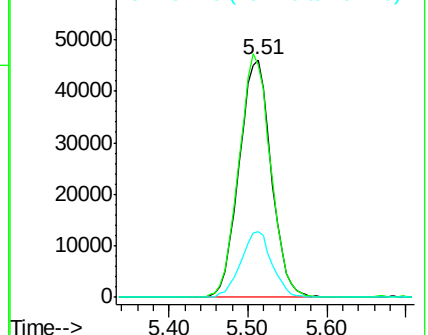
192 26.9 21.6 32.4



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



#44

Trichloroethene

Concen: 1.69 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001825.D

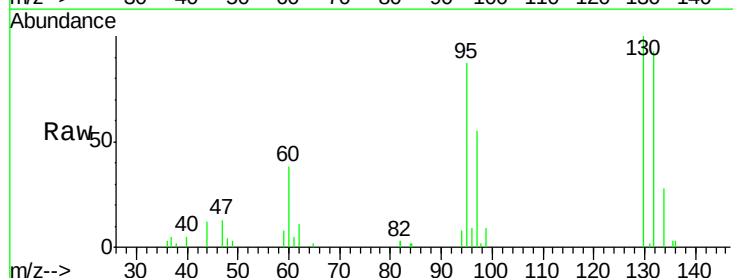
Acq: 18 May 2018 14:54

Tgt Ion:130 Resp: 6125

Ion Ratio Lower Upper

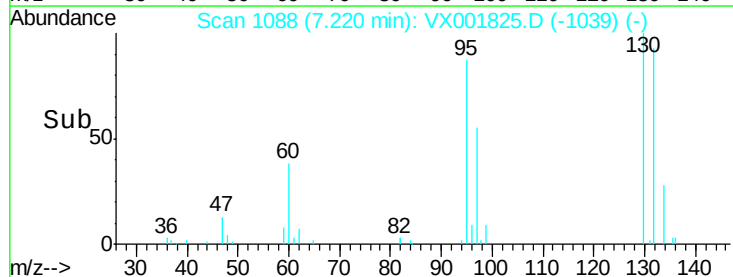
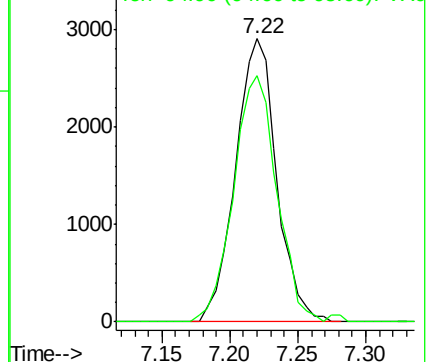
130 100

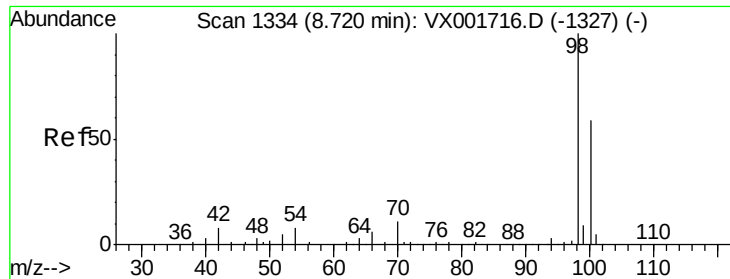
95 86.9 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 44.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001825.D

Acq: 18 May 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

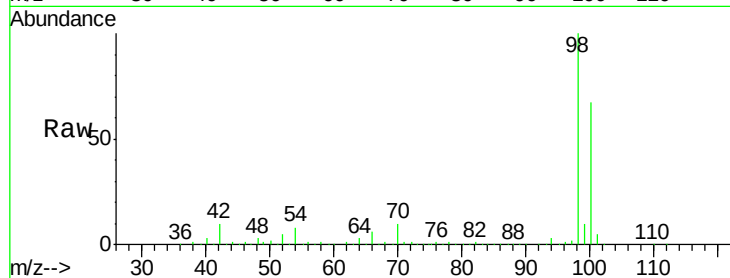
ST008MW305-180507DL

Tot Ion: 98 Resp: 465243

Ion Ratio Lower Upper

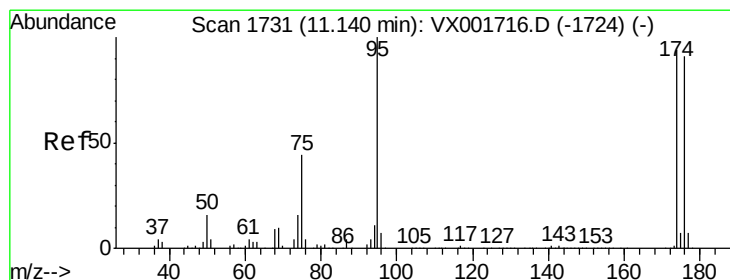
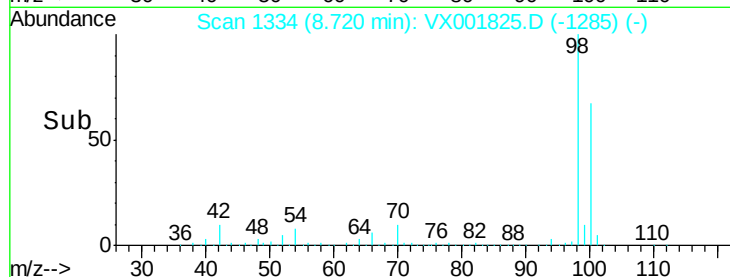
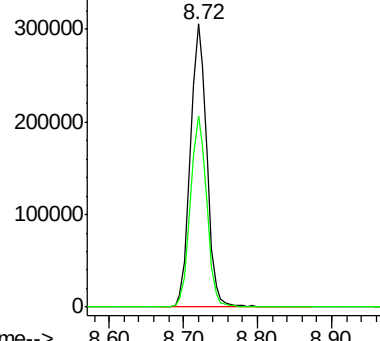
98 100

100 67.3 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: 31.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001825.D

Acq: 18 May 2018 14:54

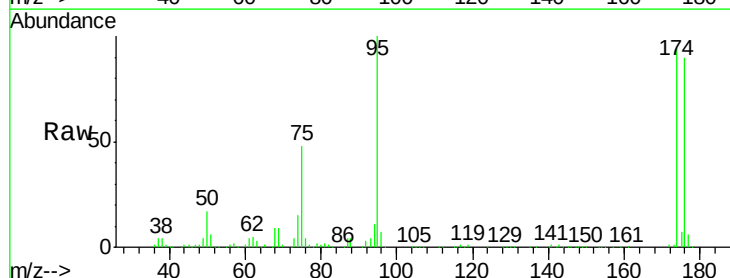
Tgt Ion: 95 Resp: 117793

Ion Ratio Lower Upper

95 100

174 101.2 0.0 201.8

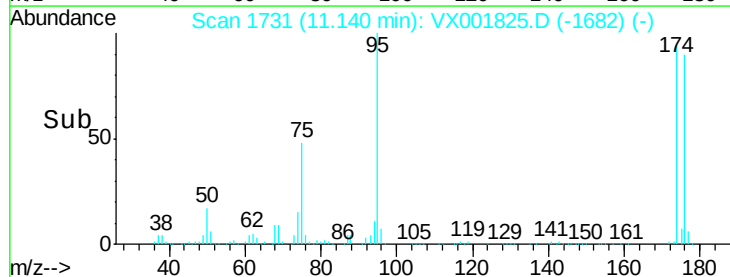
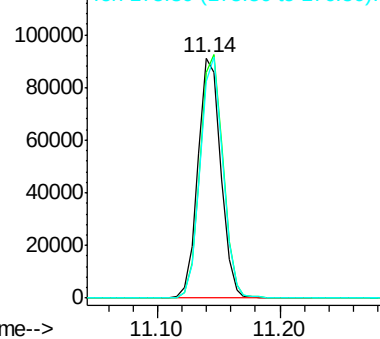
176 98.8 0.0 196.8

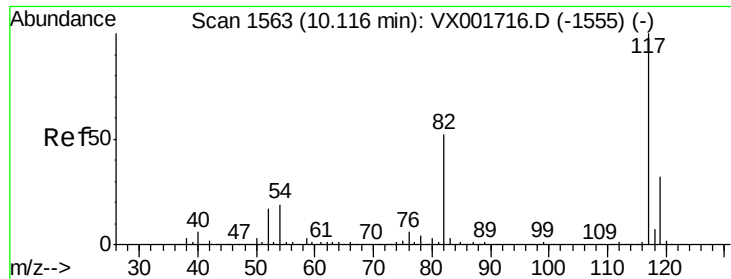


Abundance Ion 94.90 (94.60 to 95.60): VX0

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# 1563

Delta R.T. -0.00 min

Lab File: VX001825.D

Acq: 18 May 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

ST008MW305-180507DL

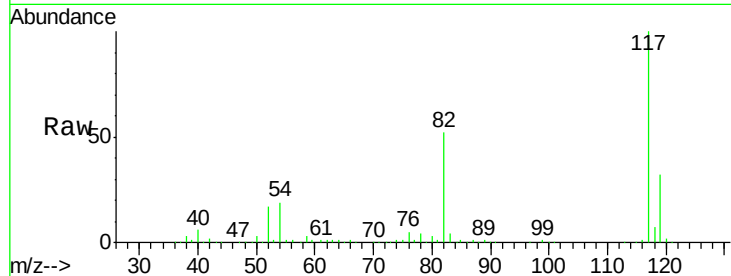
Tot Ion:117 Resp: 254444

Ion Ratio Lower Upper

117 100

82 51.7 41.4 62.2

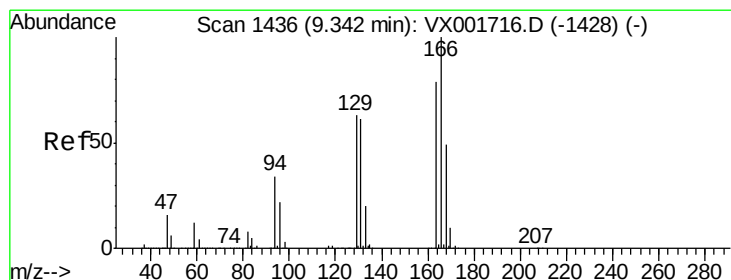
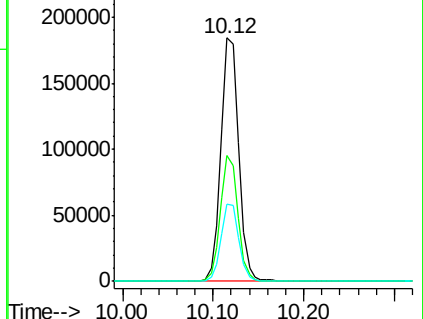
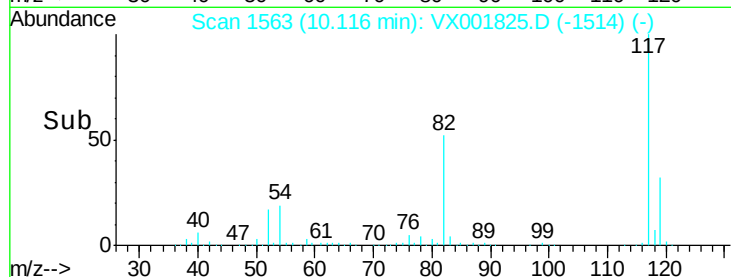
119 31.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 11.35 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001825.D

Acq: 18 May 2018 14:54

Tgt Ion:164 Resp: 37584

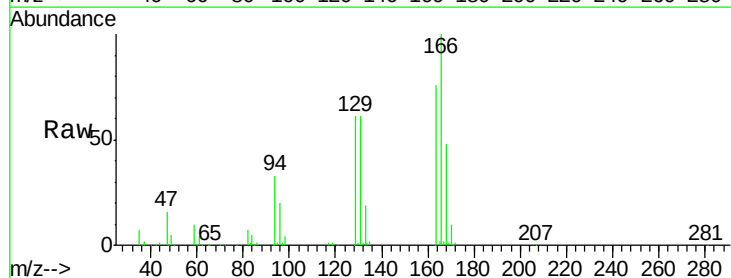
Ion Ratio Lower Upper

164 100

166 131.0 101.8 152.8

129 79.9 63.8 95.6

131 80.0 62.2 93.2

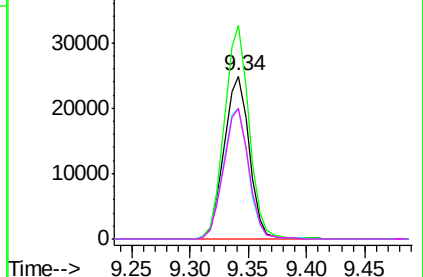
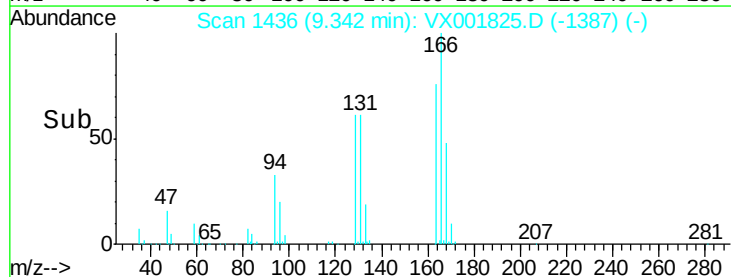


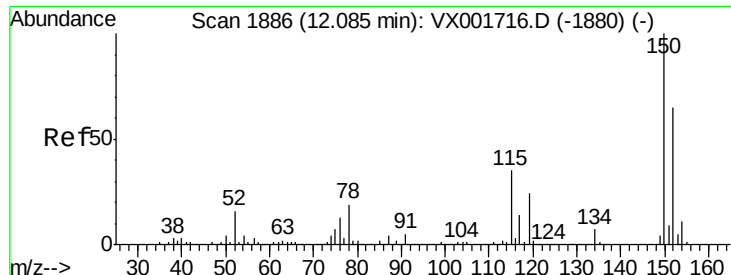
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX001825.D

Acq: 18 May 2018 14:54

Instrument :

MSVOA_X

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ST008MW305-180507DL

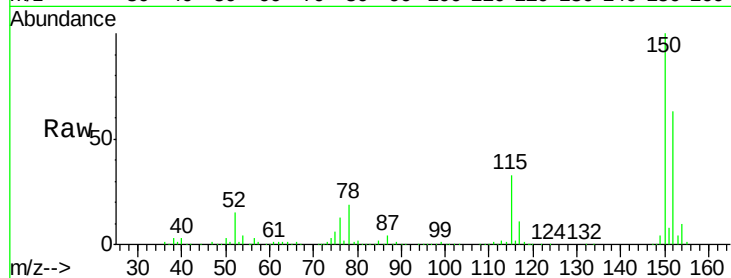
Tot Ion:152 Resp: 112076

Ion Ratio Lower Upper

152 100

115 51.7 37.4 112.2

150 157.2 0.0 344.8



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

