

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001827.D
 Acq On : 18 May 2018 15:47
 Operator : JC/MD
 Sample : J2853-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY067MW013-180507

Quant Time: May 19 03:47:15 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

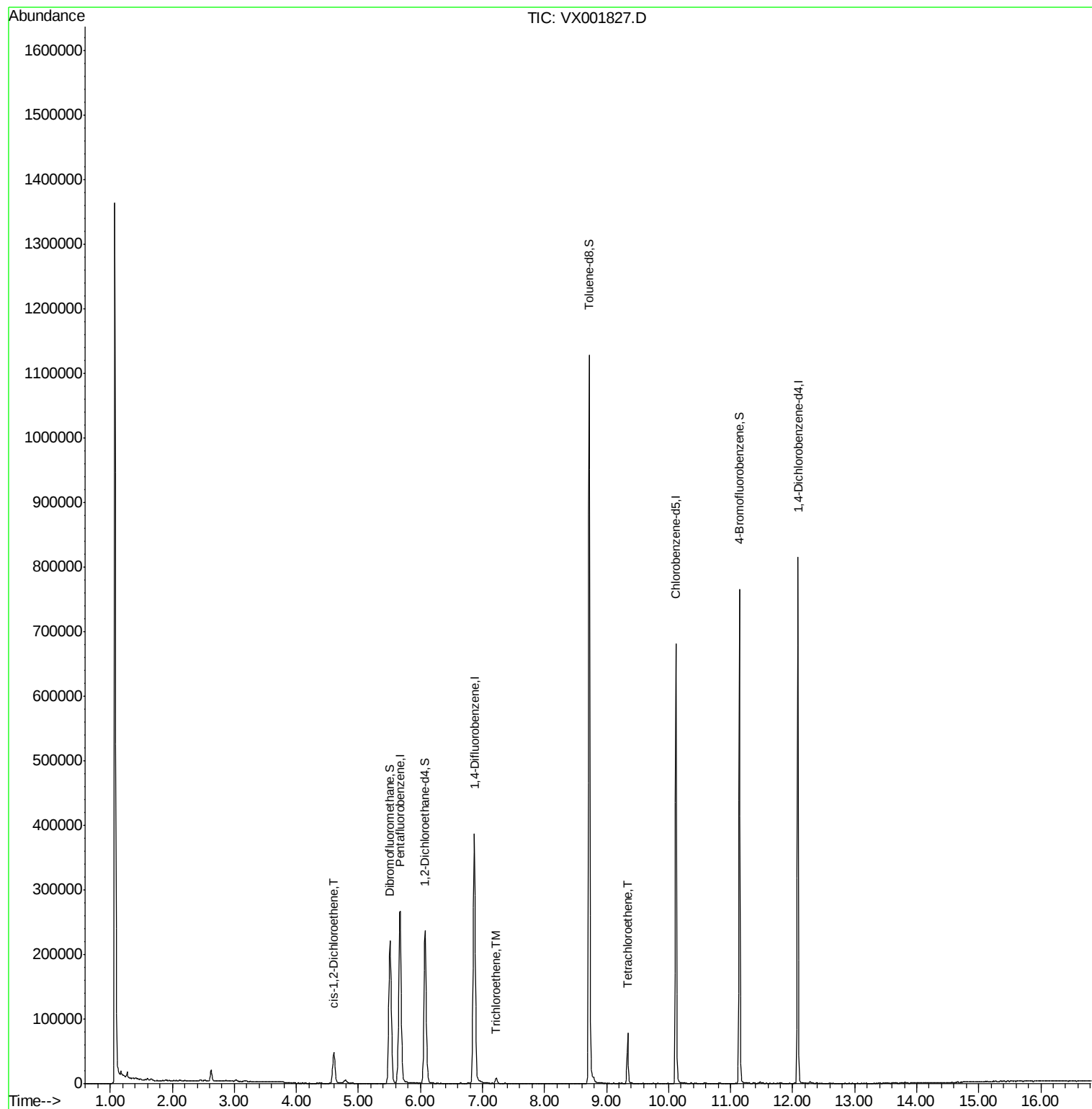
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	413674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218031	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
35) Dibromofluoromethane	5.51	113	186720	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	8.72	98	667884	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	11.14	95	192682	42.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.60%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	31770	8.74	ug/l	92
44) Trichloroethene	7.22	130	3476	0.80	ug/l	98
64) Tetrachloroethene	9.34	164	18257	4.22	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001827.D

Acq: 18 May 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

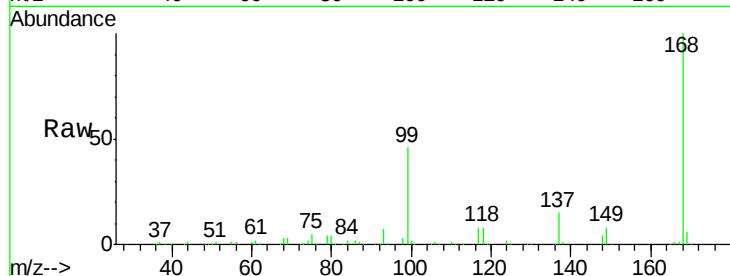
KY067MW013-180507

Tot Ion:168 Resp: 293321

Ion Ratio Lower Upper

168 100

99 45.6 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

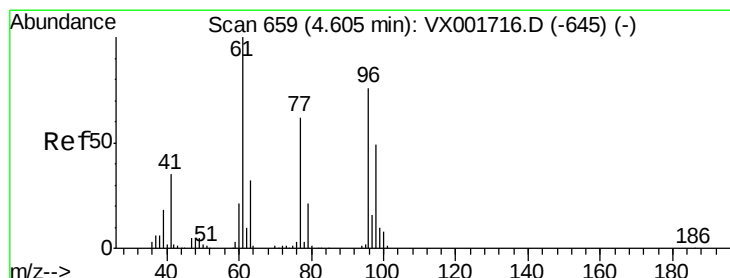
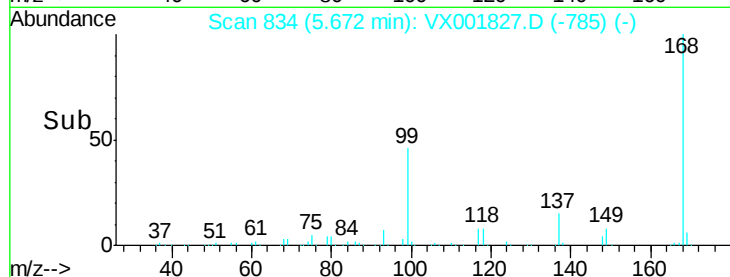
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 8.74 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001827.D

Acq: 18 May 2018 15:47

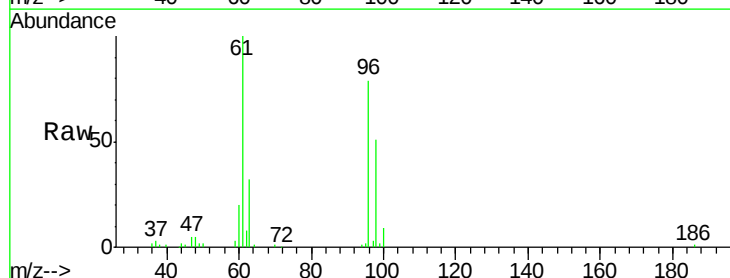
Tgt Ion: 96 Resp: 31770

Ion Ratio Lower Upper

96 100

61 126.5 0.0 280.4

98 64.3 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

20000

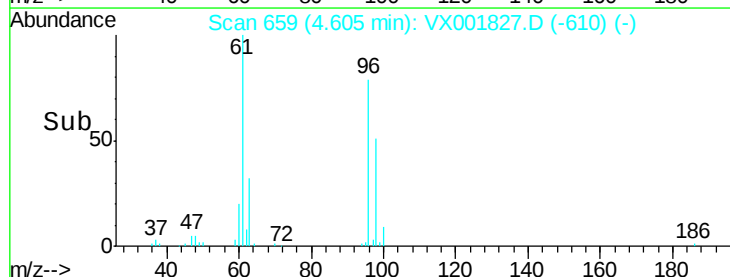
15000

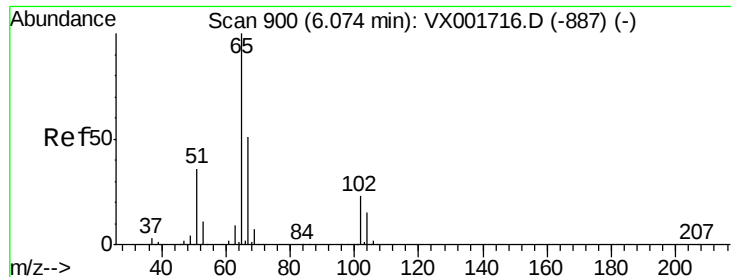
10000

5000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 55.46 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001827.D

Acq: 18 May 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

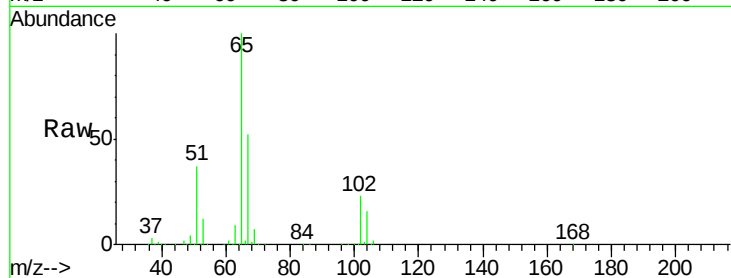
KY067MW013-180507

Tot Ion: 65 Resp: 218031

Ion Ratio Lower Upper

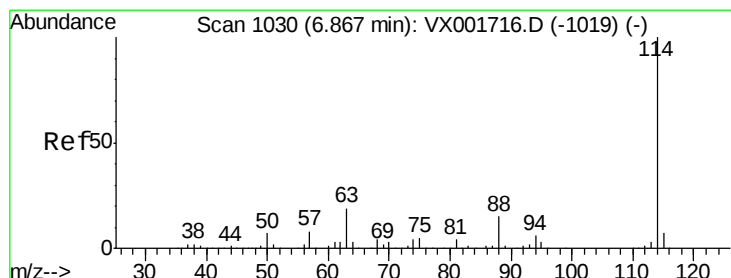
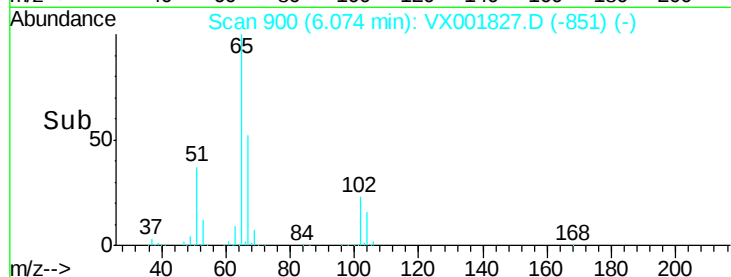
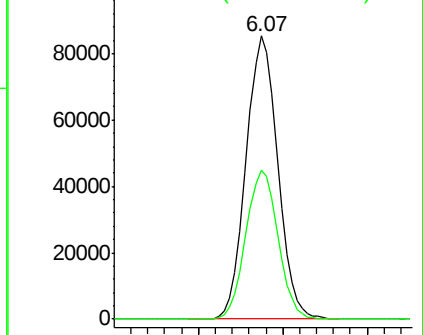
65 100

67 53.4 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: VX001827.D

Acq: 18 May 2018 15:47

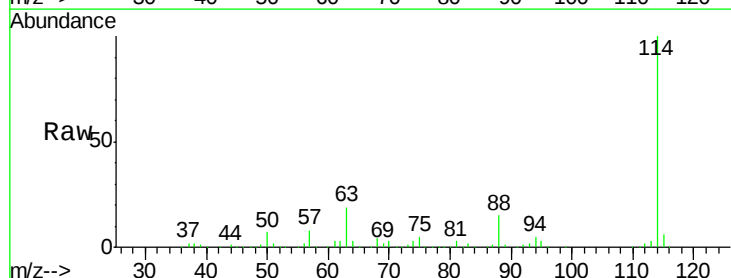
Tgt Ion: 114 Resp: 413674

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

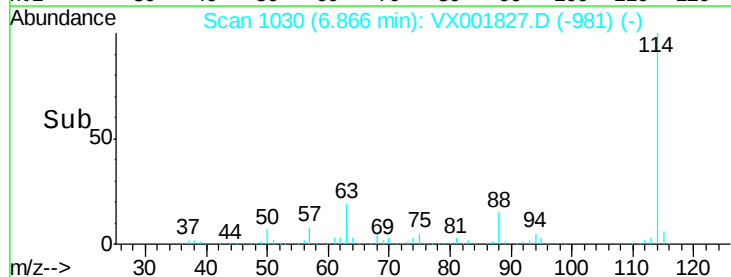
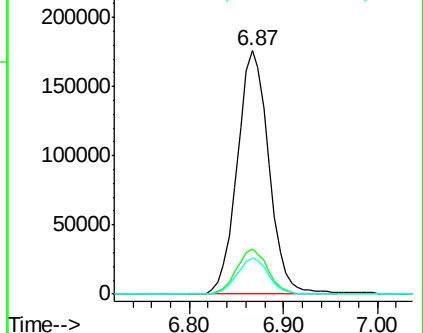
88 15.1 0.0 29.8

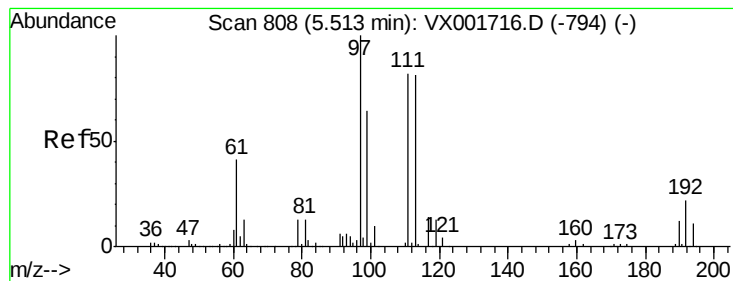


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.49 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001827.D

Acq: 18 May 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

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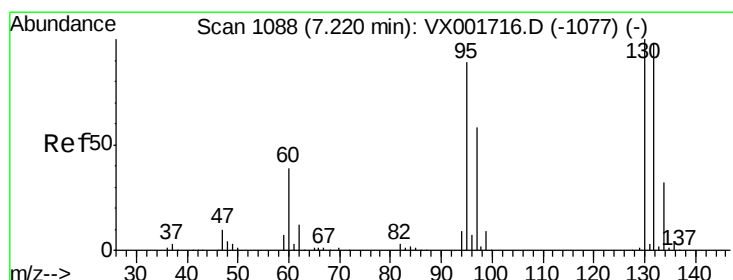
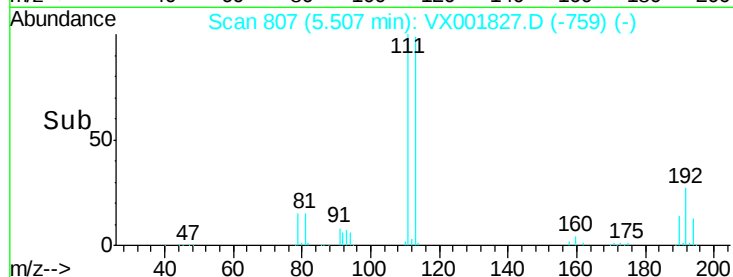
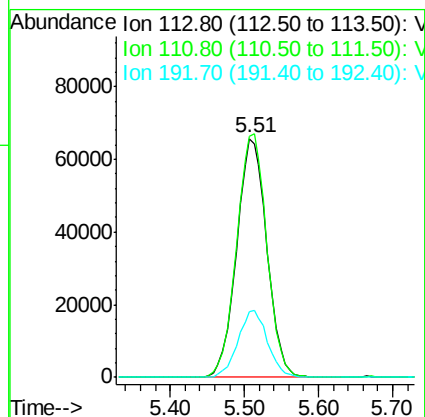
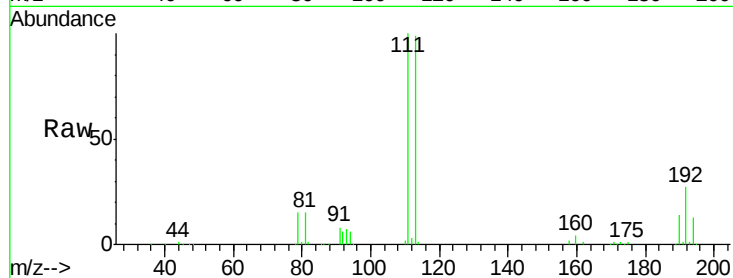
Tot Ion:113 Resp: 186720

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 27.4 21.6 32.4



#44

Trichloroethene

Concen: 0.80 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001827.D

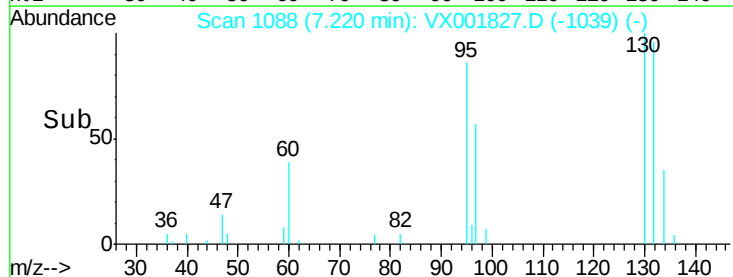
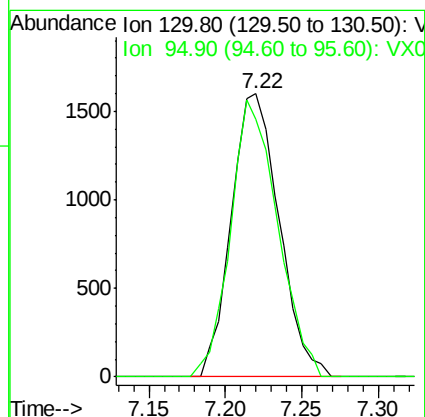
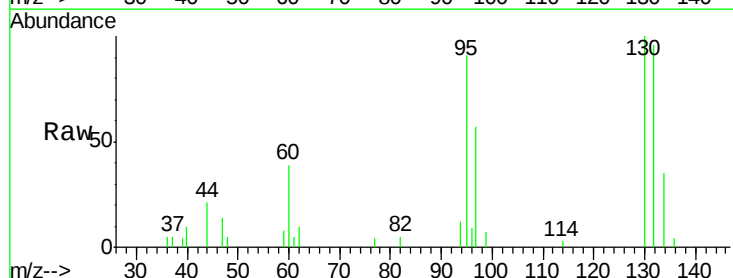
Acq: 18 May 2018 15:47

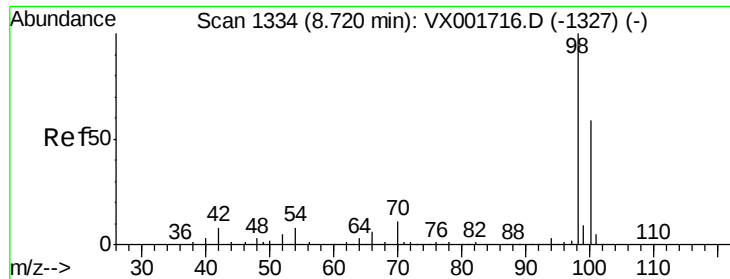
Tgt Ion:130 Resp: 3476

Ion Ratio Lower Upper

130 100

95 90.9 0.0 177.2





#50

Toluene-d8

Concen: 53.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001827.D

Acq: 18 May 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

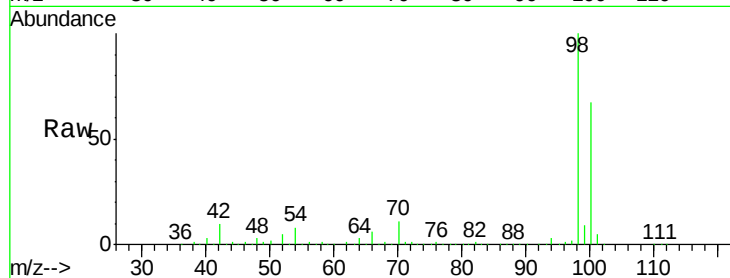
KY067MW013-180507

Tot Ion: 98 Resp: 667884

Ion Ratio Lower Upper

98 100

100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

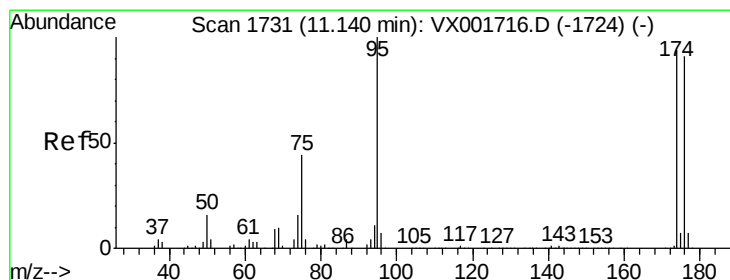
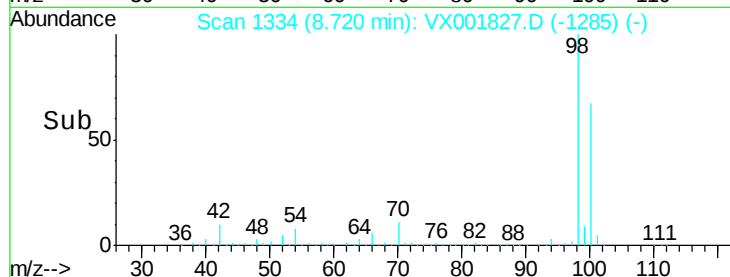
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 42.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001827.D

Acq: 18 May 2018 15:47

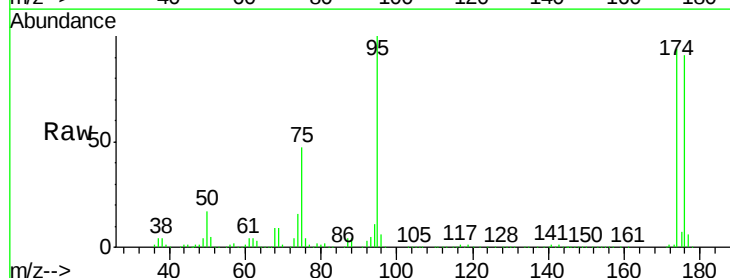
Tgt Ion: 95 Resp: 192682

Ion Ratio Lower Upper

95 100

174 102.7 0.0 201.8

176 99.4 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

11.14

200000

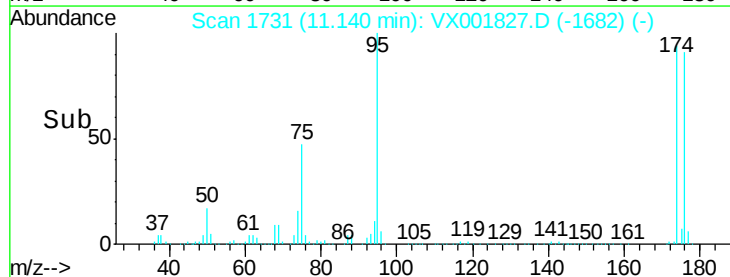
150000

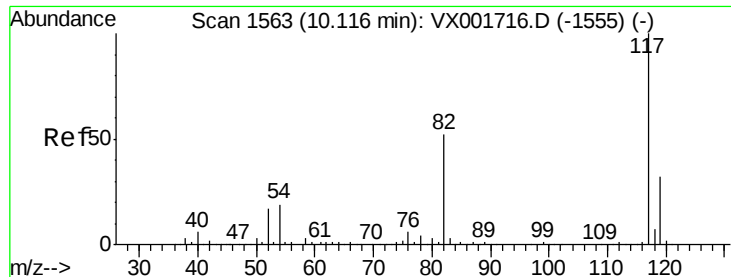
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001827.D

Acq: 18 May 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

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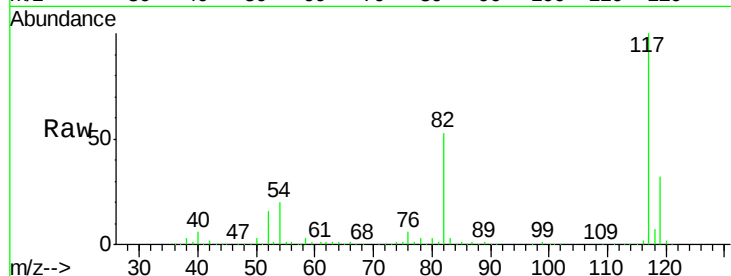
Tot Ion:117 Resp: 332273

Ion Ratio Lower Upper

117 100

82 53.4 41.4 62.2

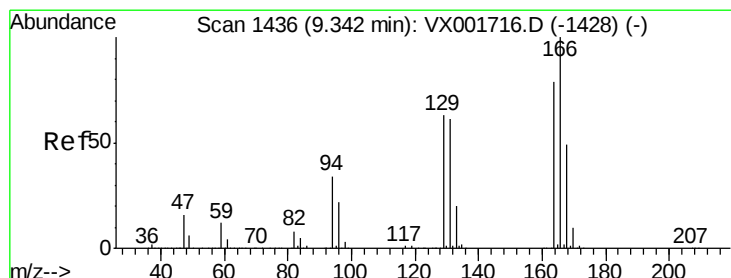
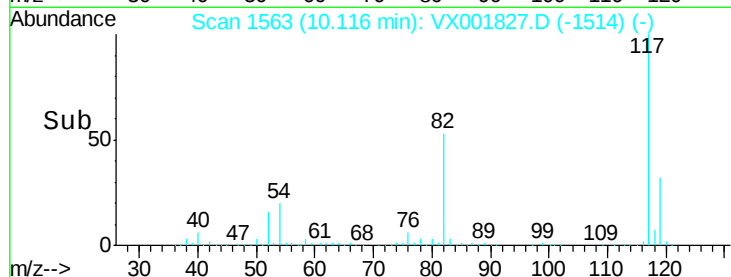
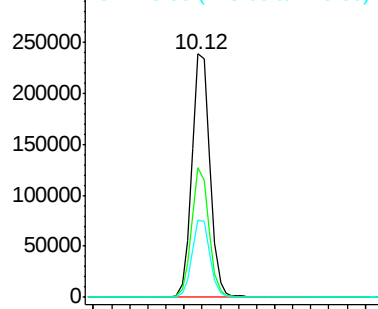
119 31.9 25.6 38.4



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: 4.22 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001827.D

Acq: 18 May 2018 15:47

Tgt Ion:164 Resp: 18257

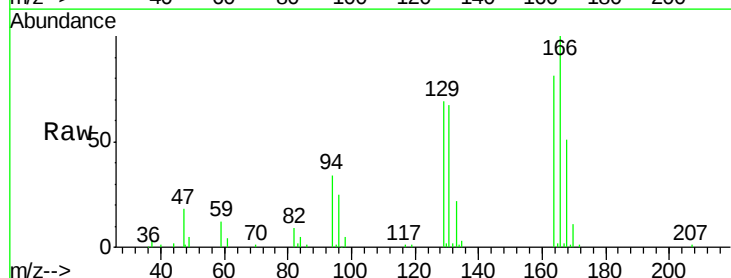
Ion Ratio Lower Upper

164 100

166 123.9 101.8 152.8

129 85.6 63.8 95.6

131 83.5 62.2 93.2

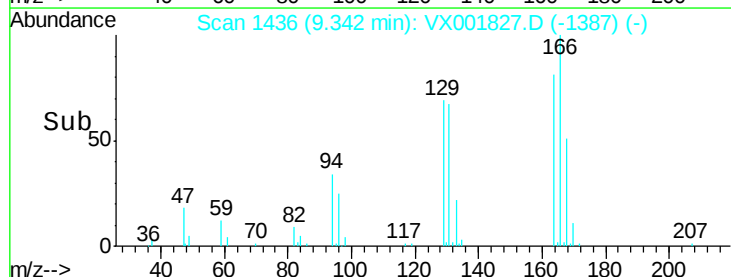
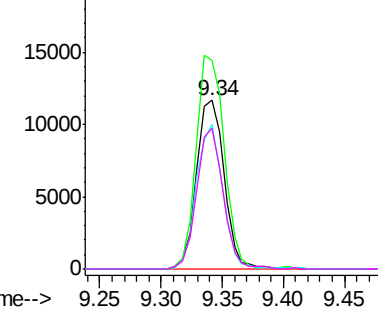


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001827.D

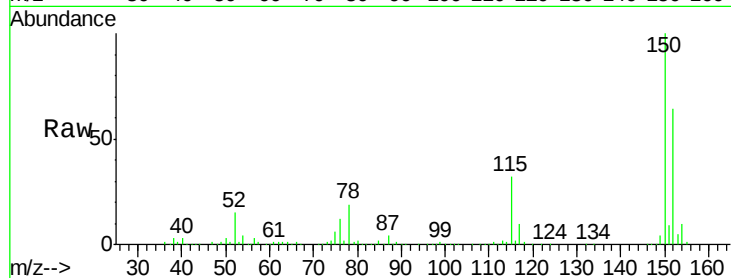
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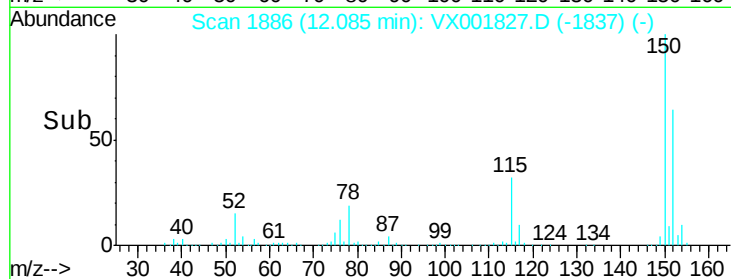
Tot Ion:152 Resp: 180392

Ion Ratio Lower Upper

152 100

115 50.6 37.4 112.2

150 154.4 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

