

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001828.D
 Acq On : 18 May 2018 16:14
 Operator : JC/MD
 Sample : J2853-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY074MW067-180507RE

Quant Time: May 19 04:17:43 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

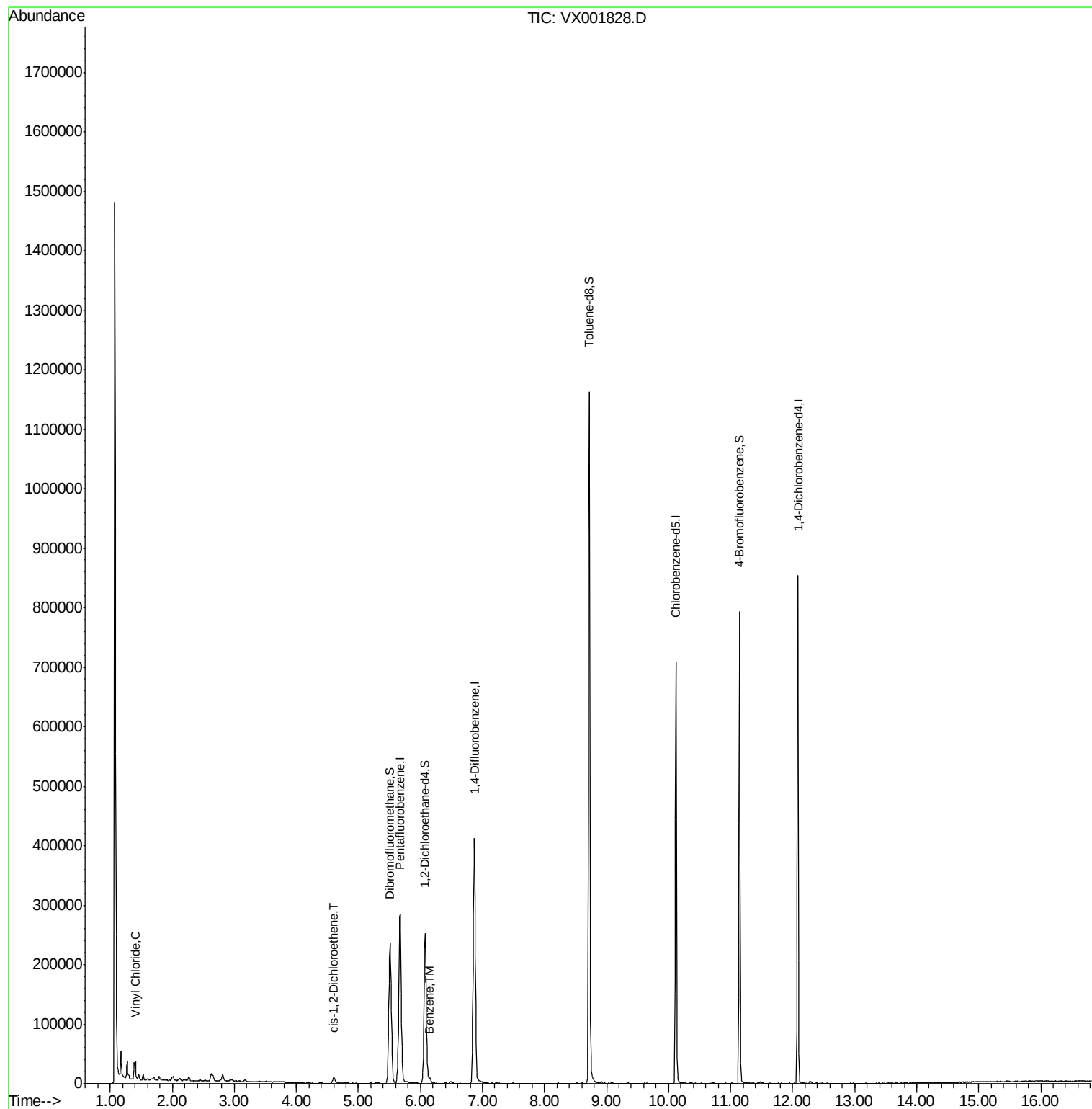
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	440127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	230642	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
35) Dibromofluoromethane	5.51	113	196760	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
50) Toluene-d8	8.72	98	704131	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	11.14	95	200299	41.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.64%	
Target Compounds						
4) Vinyl Chloride	1.40	62	7882	2.14	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	6122	1.57	ug/l	92
40) Benzene	6.15	78	9431	0.63	ug/l	99

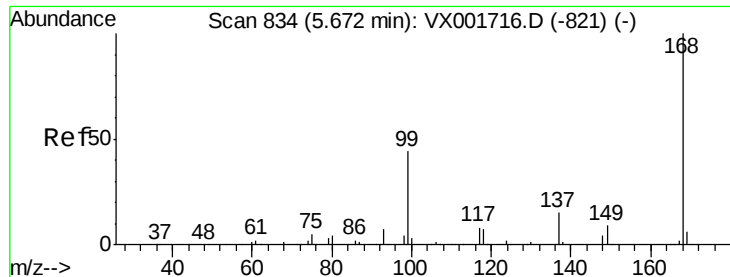
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001828.D

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MSVOA_X

ClientSampleId :

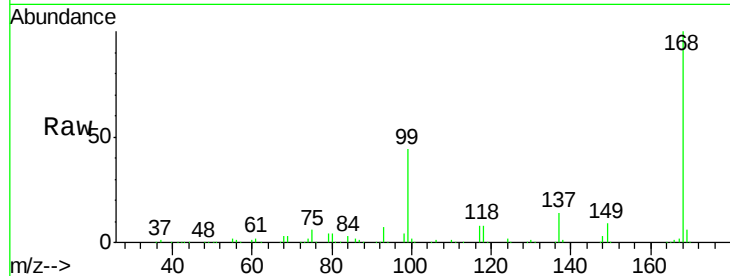
KY074MW067-180507RE

Tot Ion:168 Resp: 314558

Ion Ratio Lower Upper

168 100

99 43.7 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

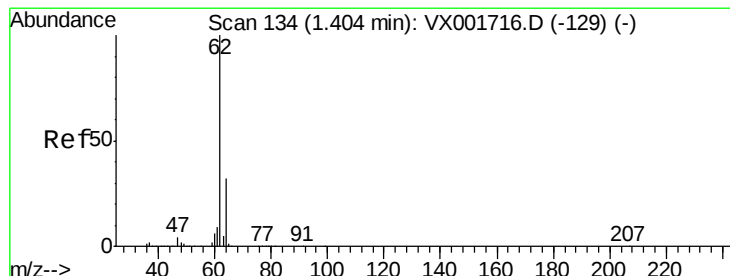
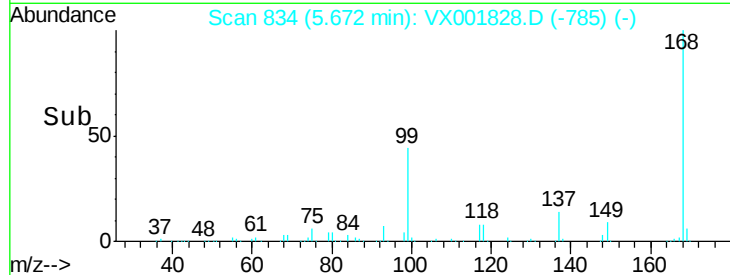
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 2.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001828.D

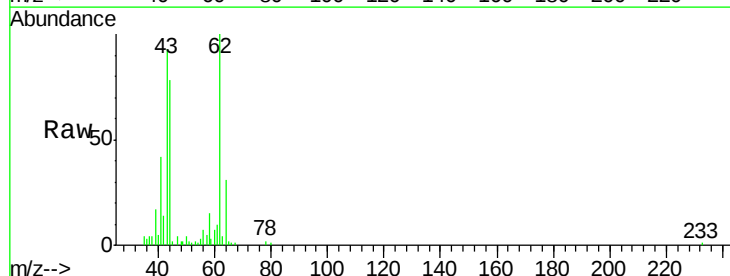
Acq: 18 May 2018 16:14

Tgt Ion: 62 Resp: 7882

Ion Ratio Lower Upper

62 100

64 29.7 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

8000

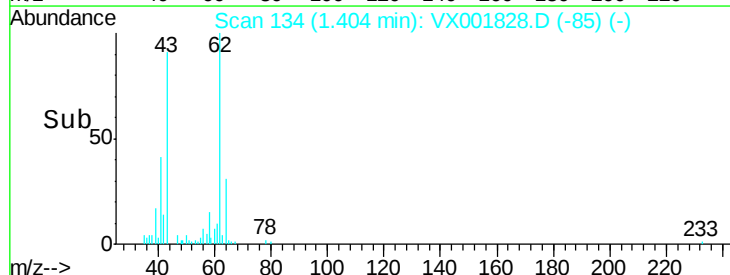
6000

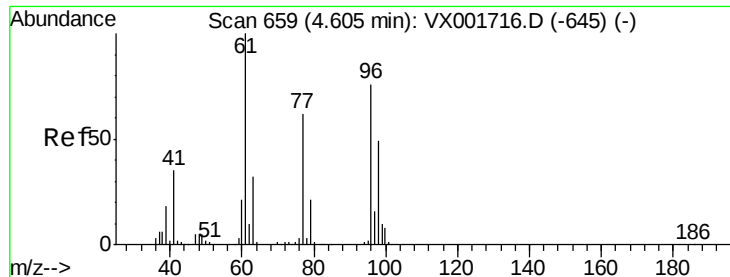
4000

2000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.57 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001828.D

Acq: 18 May 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

KY074MW067-180507RE

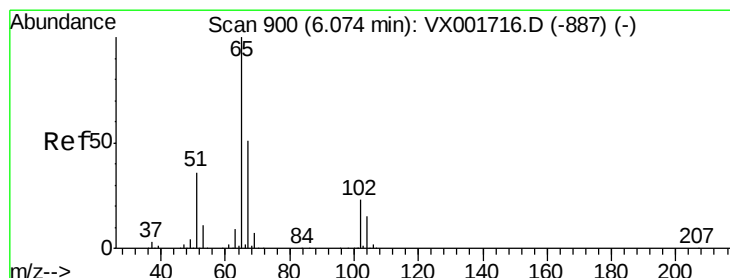
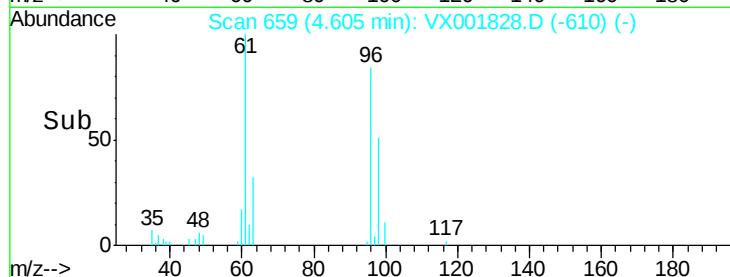
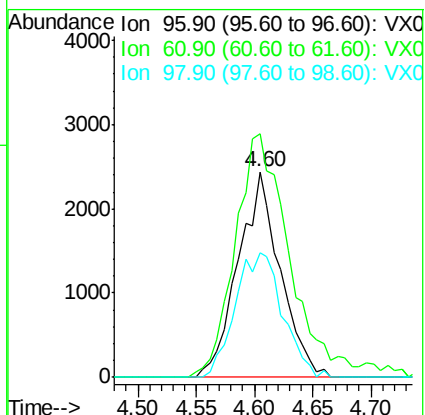
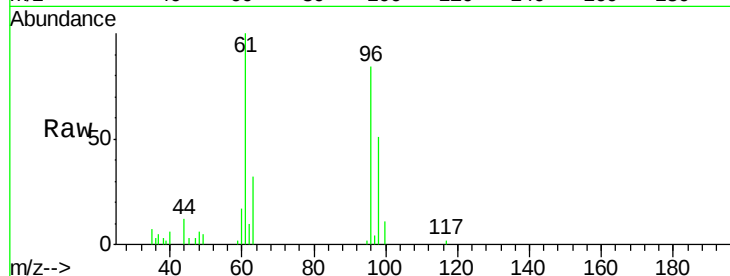
Tot Ion: 96 Resp: 6122

Ion Ratio Lower Upper

96 100

61 152.2 0.0 280.4

98 68.3 0.0 128.4



#33

1,2-Dichloroethane-d4

Concen: 54.70 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001828.D

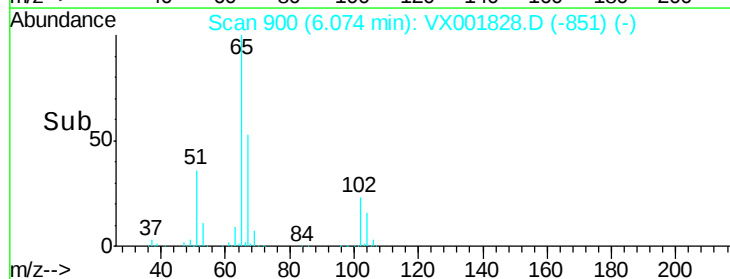
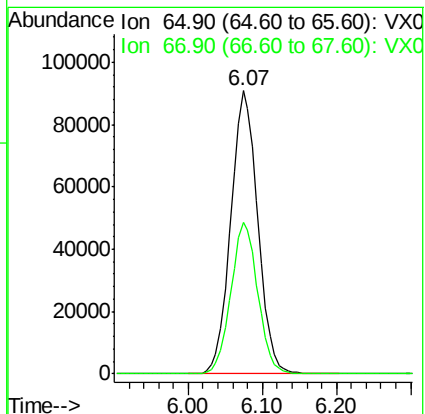
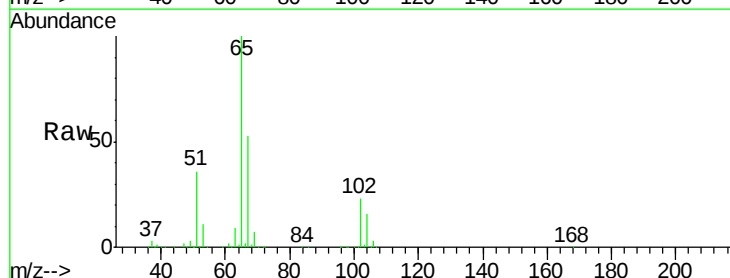
Acq: 18 May 2018 16:14

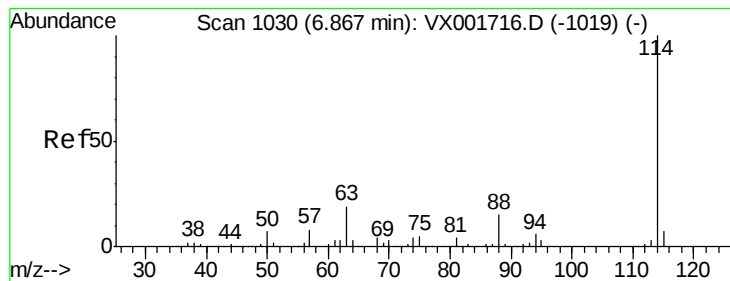
Tgt Ion: 65 Resp: 230642

Ion Ratio Lower Upper

65 100

67 53.4 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: VX001828.D

Acq: 18 May 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

KY074MW067-180507RE

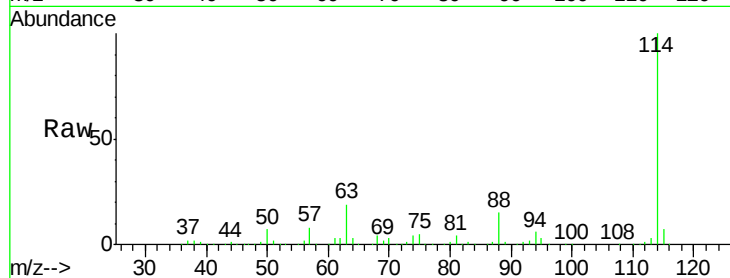
Tot Ion:114 Resp: 440127

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

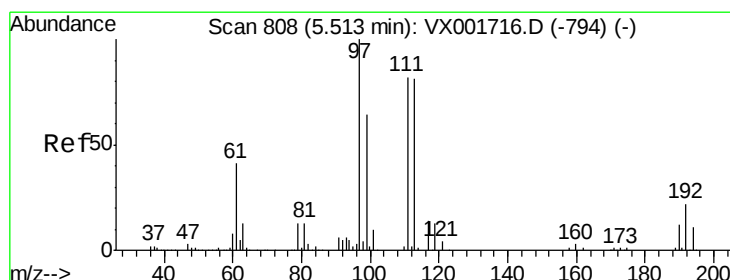
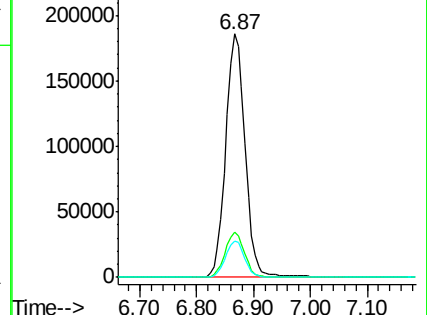
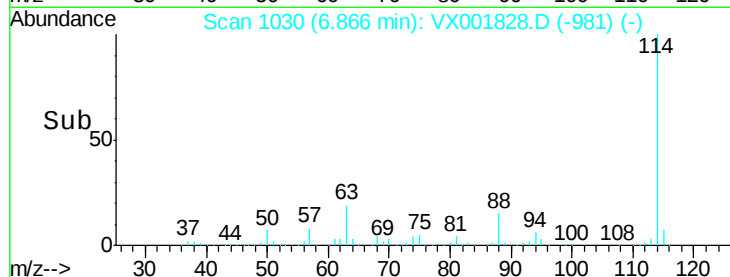
88 14.8 0.0 29.8



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: 52.97 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001828.D

Acq: 18 May 2018 16:14

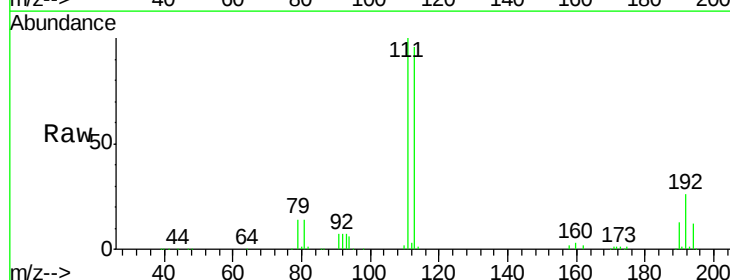
Tgt Ion:113 Resp: 196760

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

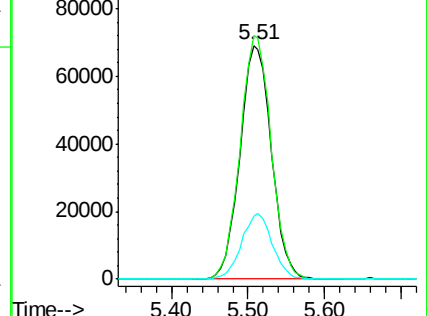
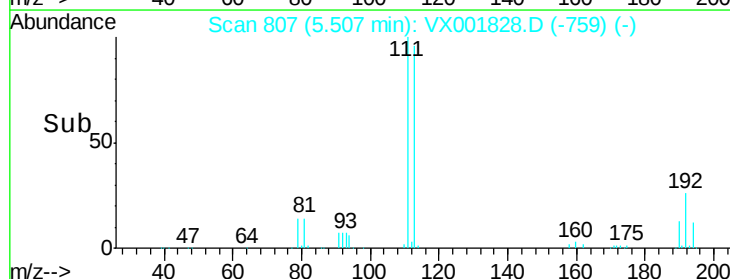
192 27.5 21.6 32.4

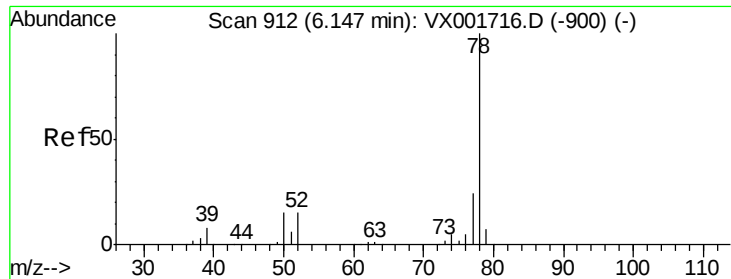


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

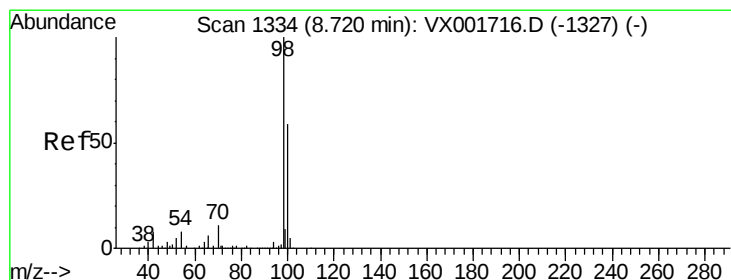
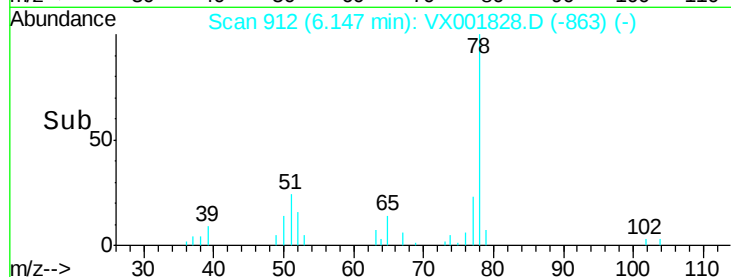
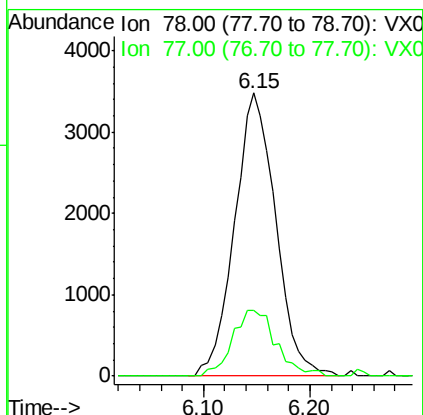
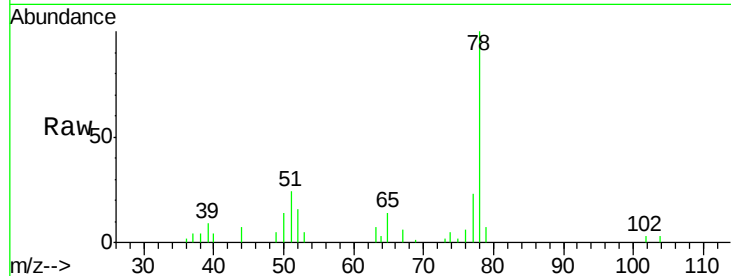




#40
Benzene
Concen: 0.63 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001828.D
Acq: 18 May 2018 16:14

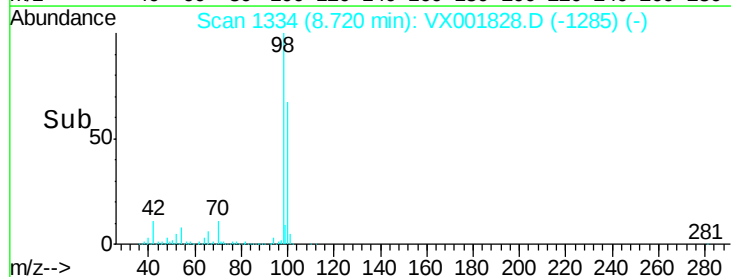
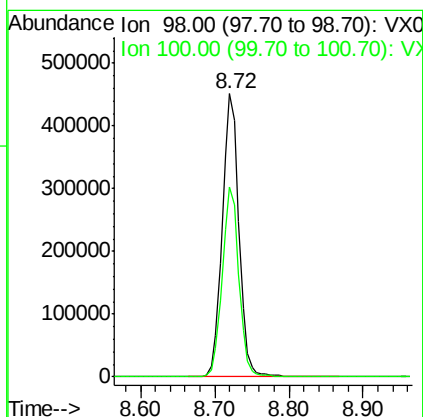
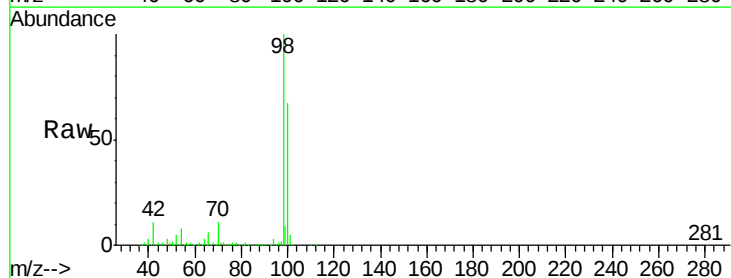
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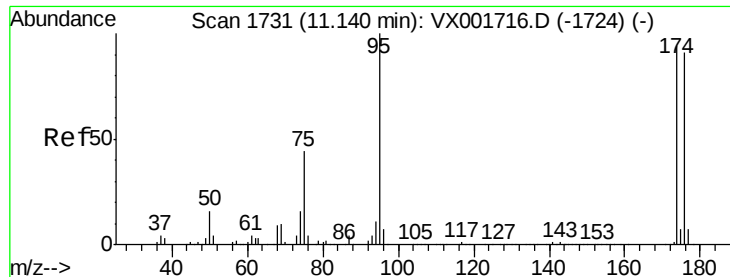
Tot Ion: 78 Resp: 9431
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4



#50
Toluene-d8
Concen: 52.93 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001828.D
Acq: 18 May 2018 16:14

Tgt Ion: 98 Resp: 704131
Ion Ratio Lower Upper
98 100
100 66.9 54.0 81.0





#62

4-Bromofluorobenzene

Concen: 41.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001828.D

Acq: 18 May 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

KY074MW067-180507RE

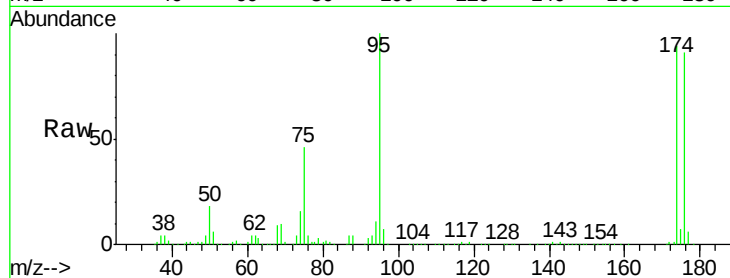
Tot Ion: 95 Resp: 200299

Ion Ratio Lower Upper

95 100

174 104.2 0.0 201.8

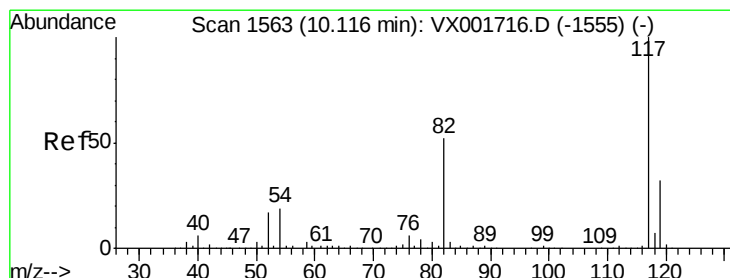
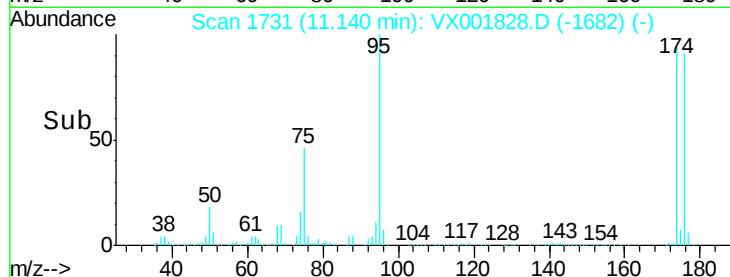
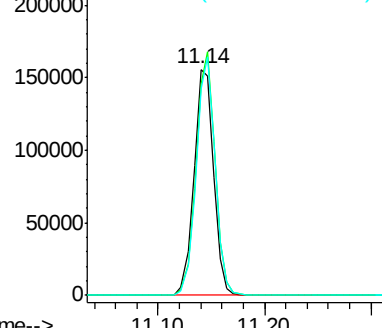
176 101.7 0.0 196.8



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: VX001828.D

Acq: 18 May 2018 16:14

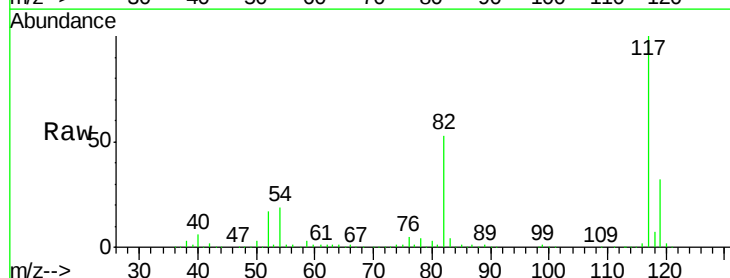
Tgt Ion: 117 Resp: 346737

Ion Ratio Lower Upper

117 100

82 52.6 41.4 62.2

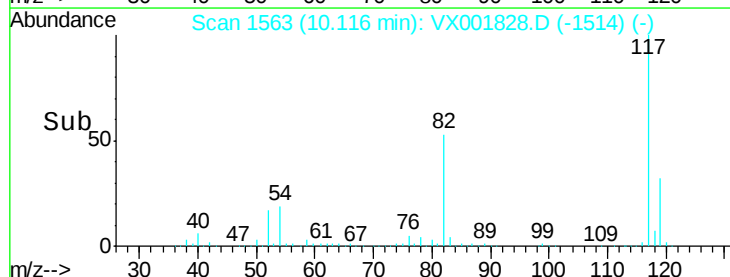
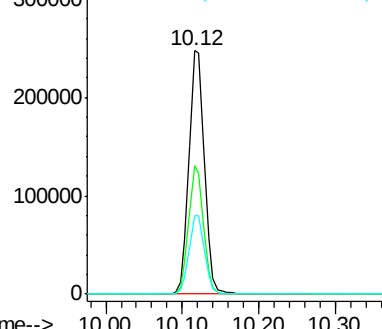
119 32.4 25.6 38.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001828.D

Acq: 18 May 2018 16:14

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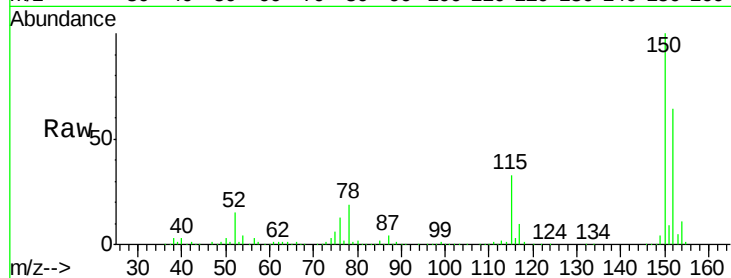
Tot Ion:152 Resp: 187696

Ion Ratio Lower Upper

152 100

115 52.3 37.4 112.2

150 156.1 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

