

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001746.D
 Acq On : 15 May 2018 15:35
 Operator : JC/MD
 Sample : J2737-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW071-180503

Quant Time: May 16 05:18:12 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

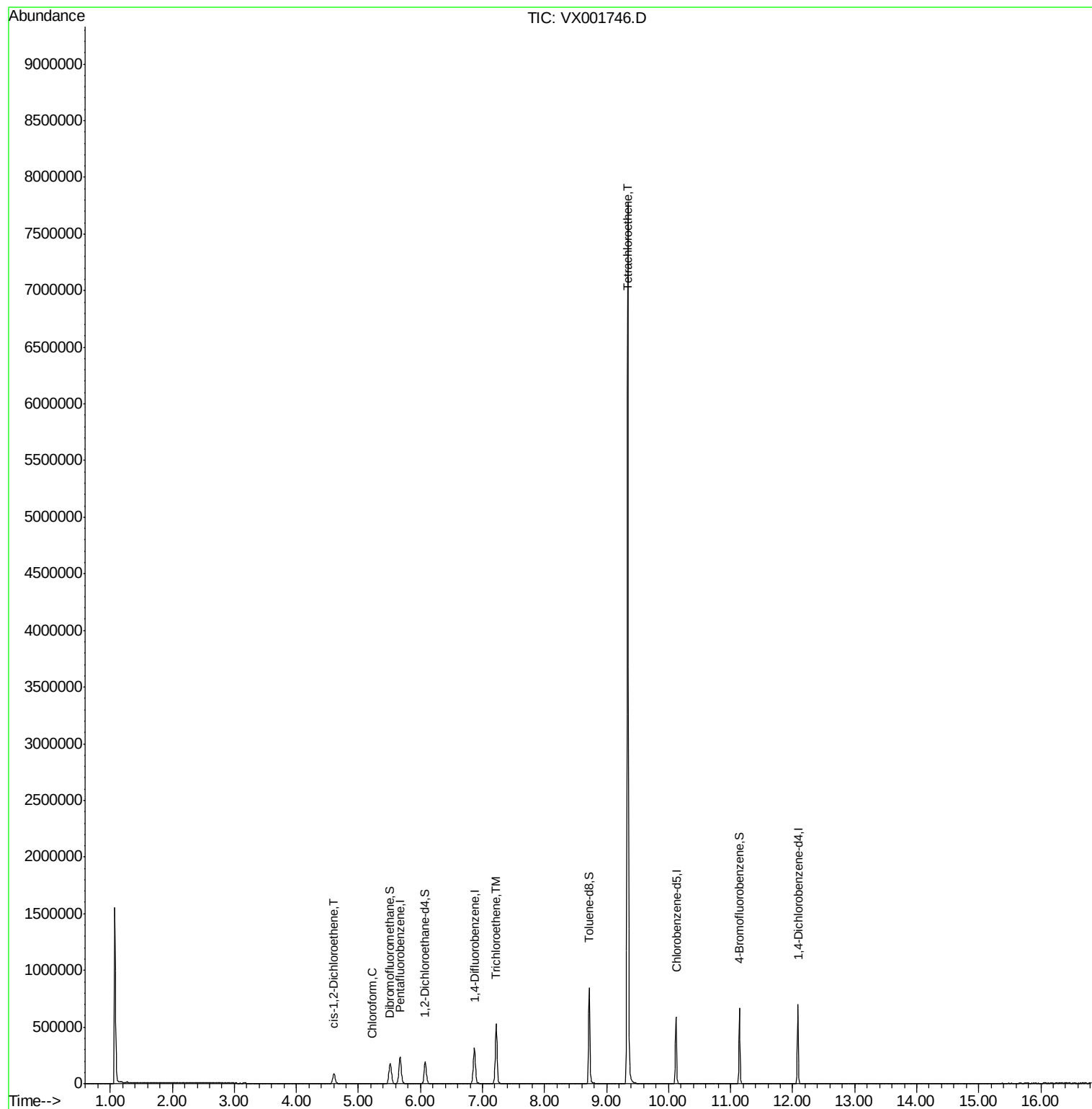
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182354	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
35) Dibromofluoromethane	5.51	113	149761	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	8.72	98	504087	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.15	95	165526	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	58605	18.83	ug/l	92
30) Chloroform	5.23	83	3132	0.62	ug/l	96
44) Trichloroethene	7.22	130	217389	61.30	ug/l	99
64) Tetrachloroethene	9.34	164	1697855	448.83	ug/l	97

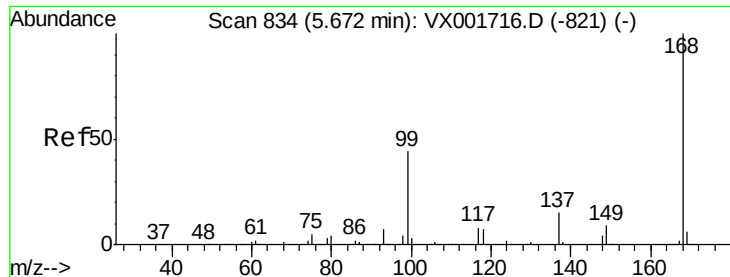
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001746.D

Acq: 15 May 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

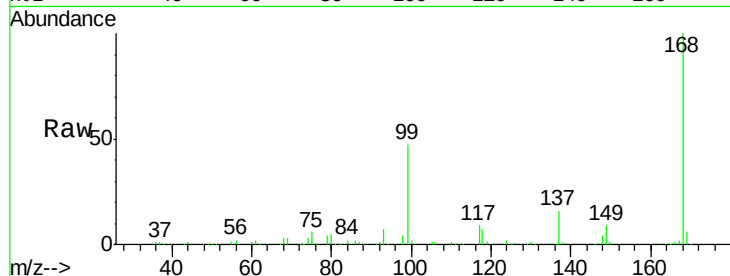
KY062MW071-180503

Tot Ion:168 Resp: 251218

Ion Ratio Lower Upper

168 100

99 46.7 35.0 52.4

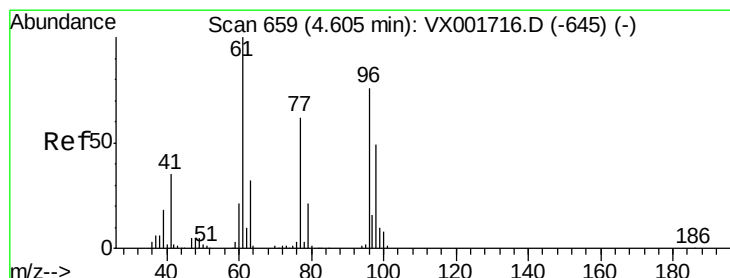
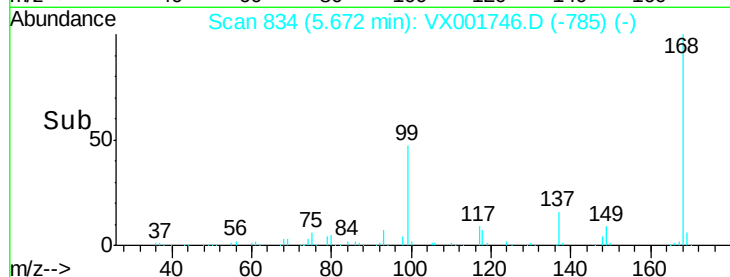


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 18.83 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001746.D

Acq: 15 May 2018 15:35

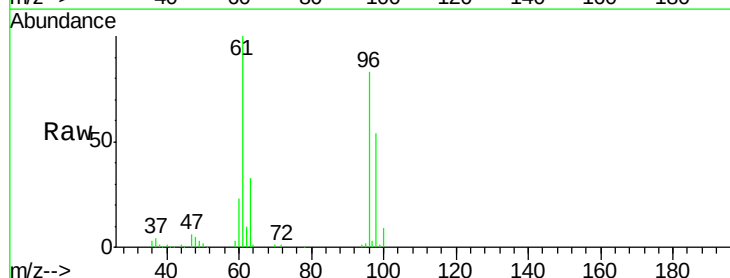
Tgt Ion: 96 Resp: 58605

Ion Ratio Lower Upper

96 100

61 126.6 0.0 280.4

98 64.3 0.0 128.4



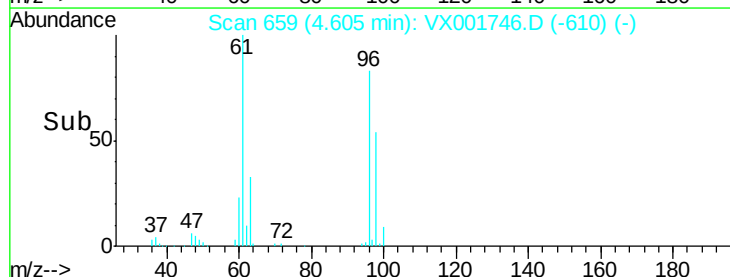
Abundance Ion 95.90 (95.60 to 96.60): VX0

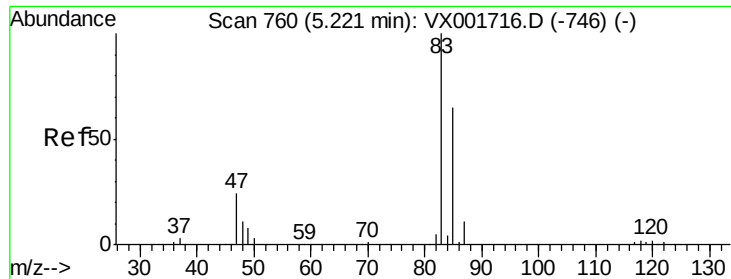
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

Time--> 4.50 4.60 4.70

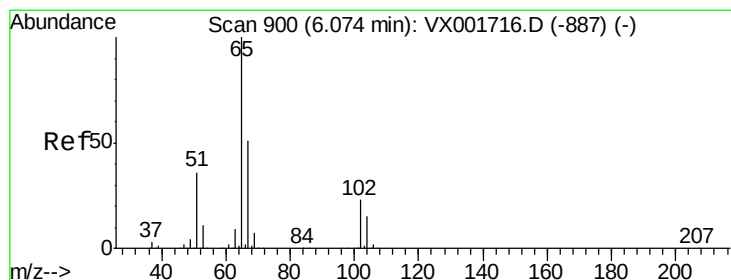
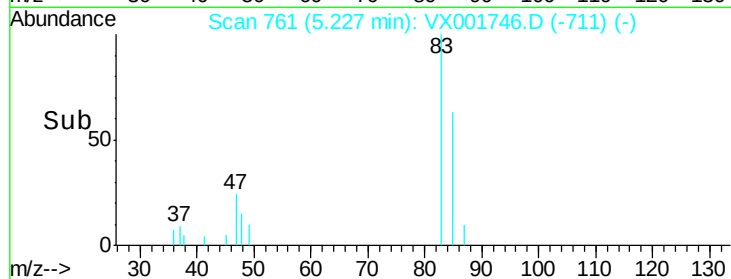
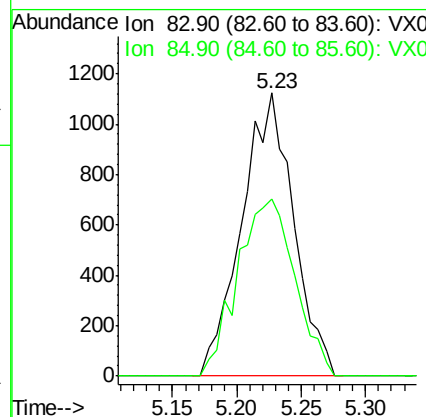
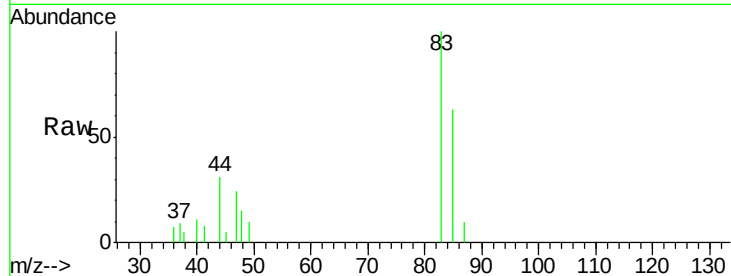




#30
Chloroform
Concen: 0.62 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001746.D
Acq: 15 May 2018 15:35

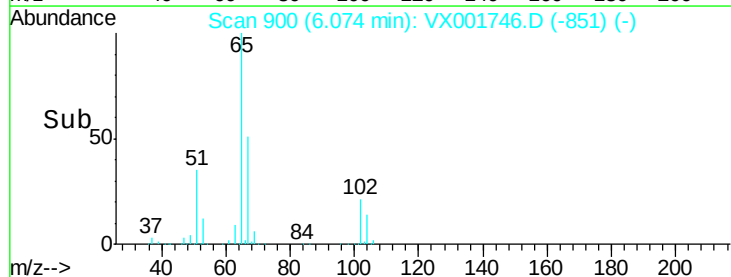
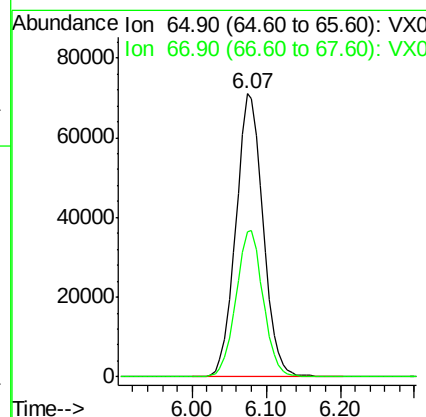
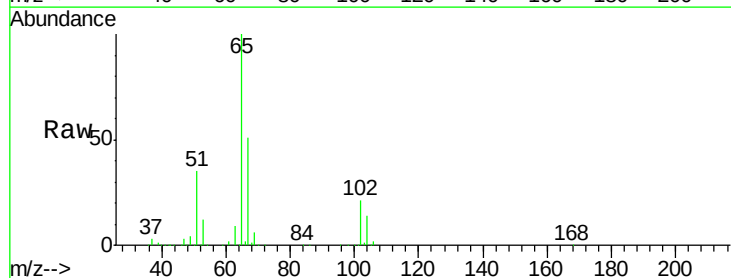
Instrument :
MSVOA_X
ClientSampleId :
KY062MW071-180503

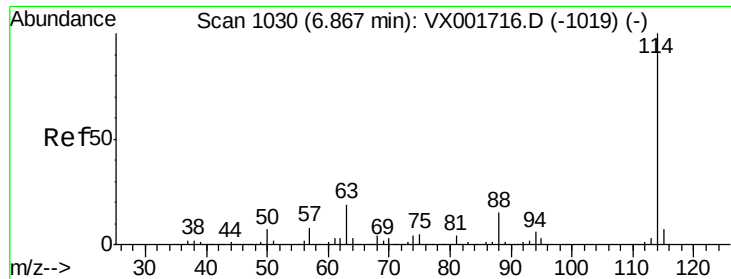
Tot Ion: 83 Resp: 3132
Ion Ratio Lower Upper
83 100
85 62.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.15 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001746.D
Acq: 15 May 2018 15:35

Tgt Ion: 65 Resp: 182354
Ion Ratio Lower Upper
65 100
67 51.5 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: VX001746.D

Acq: 15 May 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

KY062MW071-180503

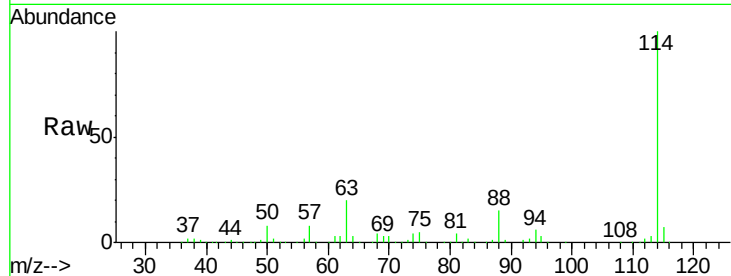
Tot Ion:114 Resp: 336865

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

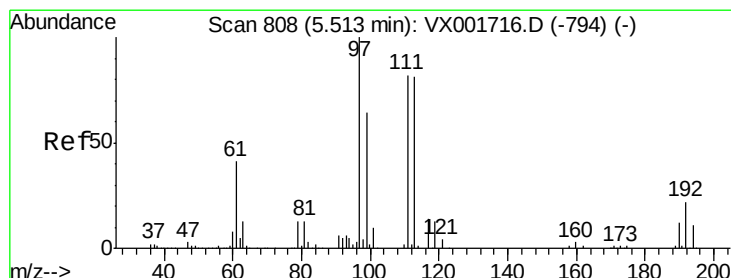
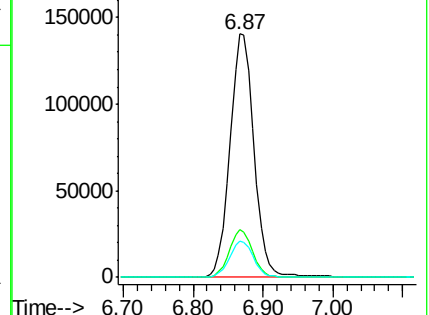
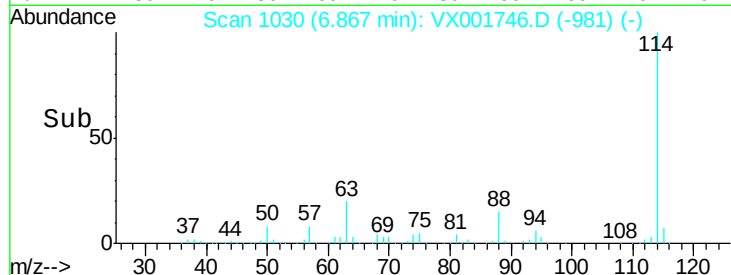
88 15.1 0.0 29.8



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: 52.68 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001746.D

Acq: 15 May 2018 15:35

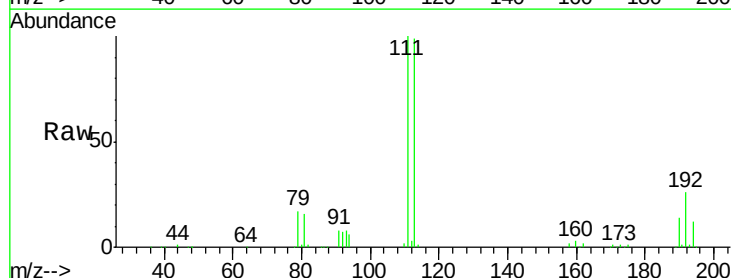
Tgt Ion:113 Resp: 149761

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

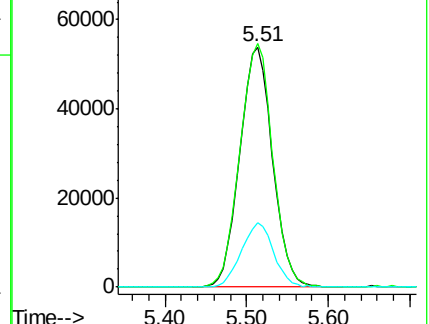
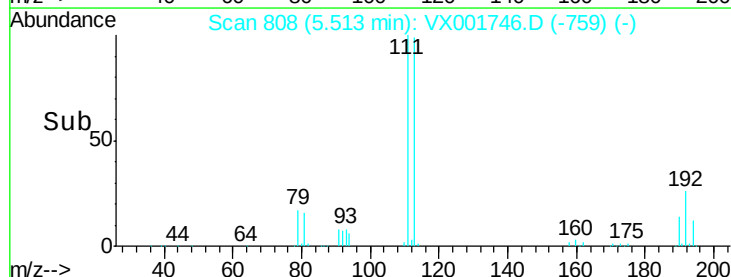
192 26.5 21.6 32.4

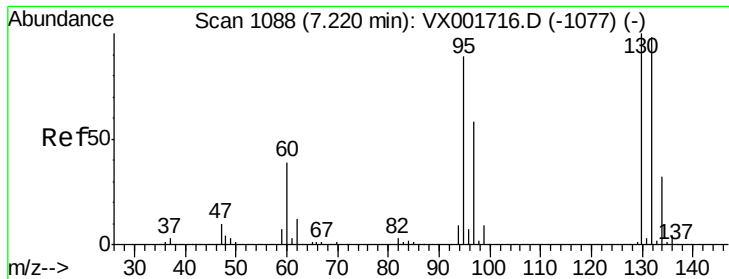


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 61.30 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001746.D

Acq: 15 May 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

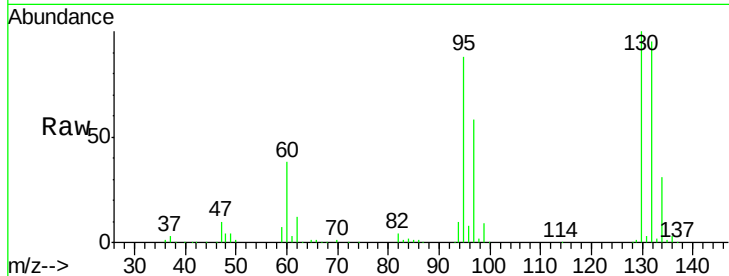
KY062MW071-180503

Tot Ion:130 Resp: 217389

Ion Ratio Lower Upper

130 100

95 88.1 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

120000

100000

80000

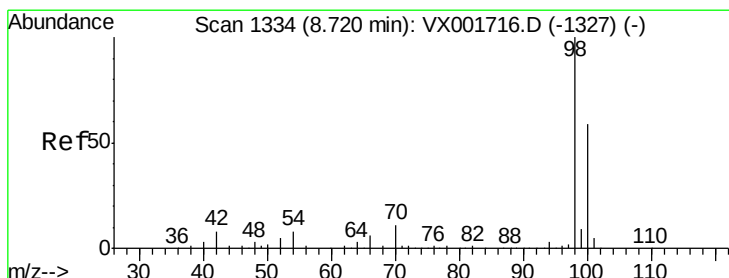
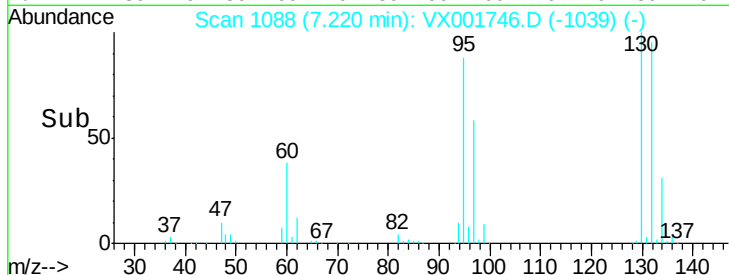
60000

40000

20000

0

Time--> 7.10 7.20 7.30 7.40



#50

Toluene-d8

Concen: 49.51 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001746.D

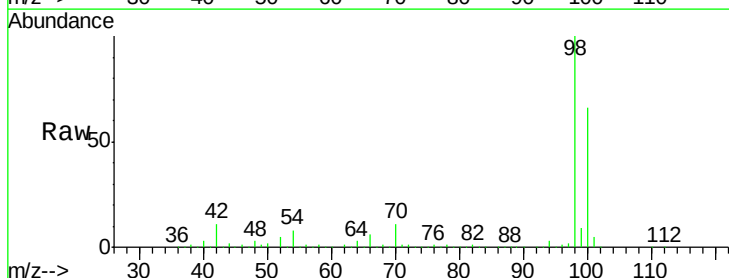
Acq: 15 May 2018 15:35

Tgt Ion: 98 Resp: 504087

Ion Ratio Lower Upper

98 100

100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

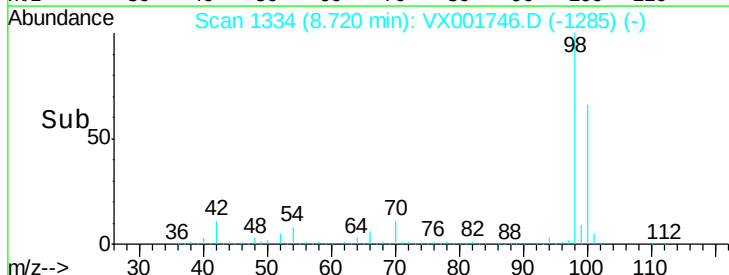
300000

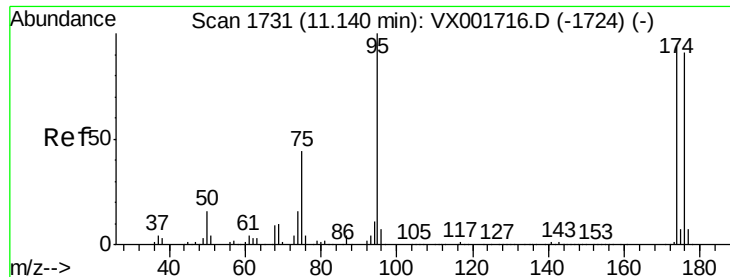
200000

100000

0

Time--> 8.60 8.70 8.80 8.90

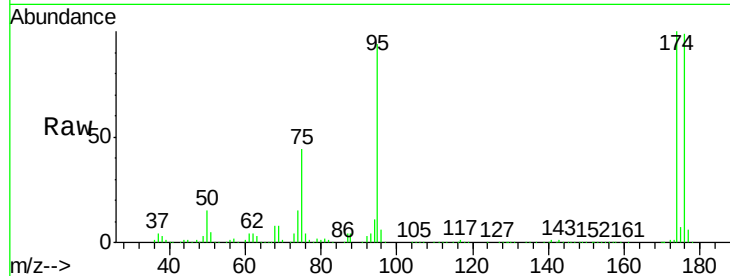




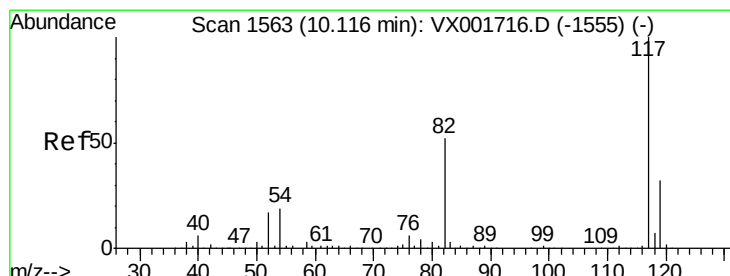
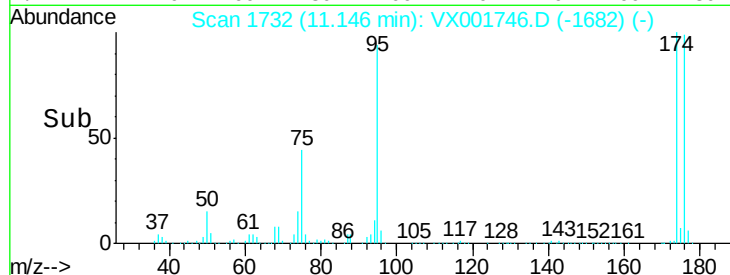
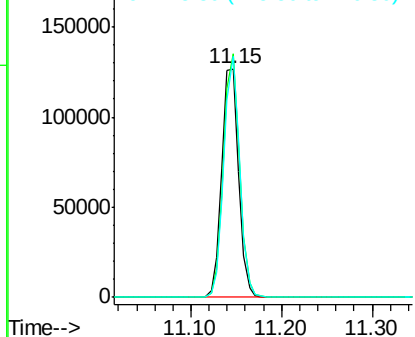
#62
4-Bromofluorobenzene
Concen: 45.15 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001746.D
Acq: 15 May 2018 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY062MW071-180503

Tot Ion: 95 Resp: 165526
Ion Ratio Lower Upper
95 100
174 101.6 0.0 201.8
176 98.9 0.0 196.8

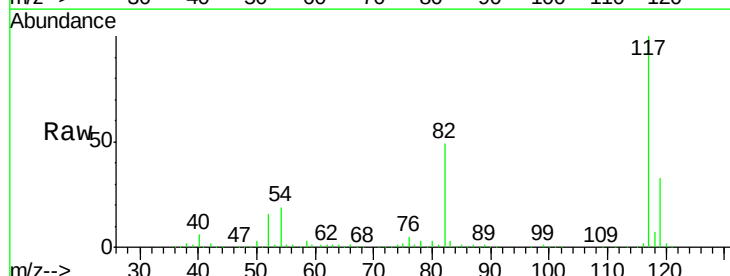


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

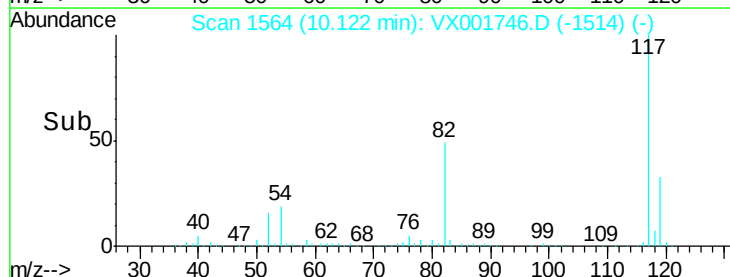
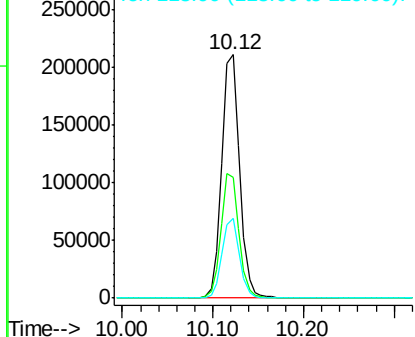


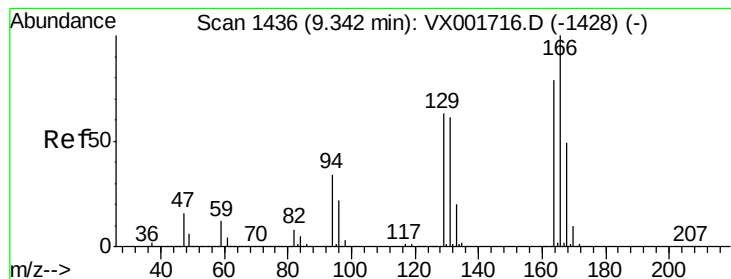
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001746.D
Acq: 15 May 2018 15:35

Tgt Ion: 117 Resp: 290590
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.2
119 32.5 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: 448.83 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001746.D

Acq: 15 May 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

KY062MW071-180503

Tot Ion:164 Resp: 1697855

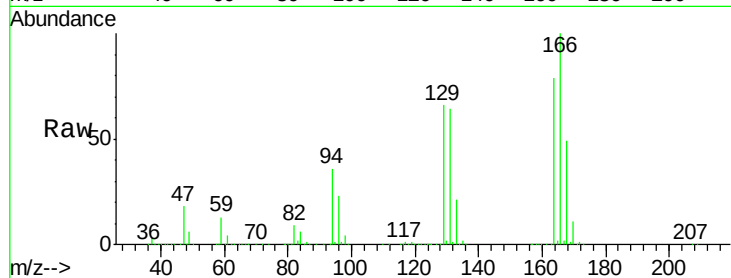
Ion Ratio Lower Upper

164 100

166 126.7 101.8 152.8

129 84.1 63.8 95.6

131 81.1 62.2 93.2

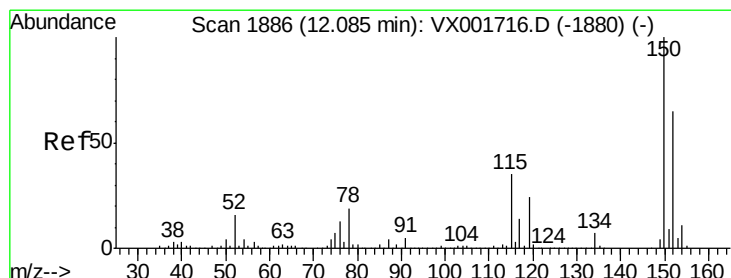
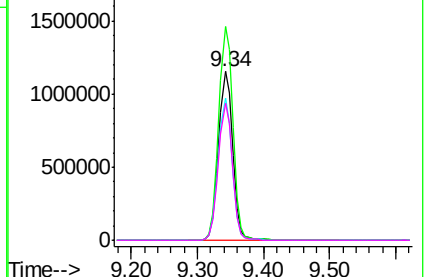
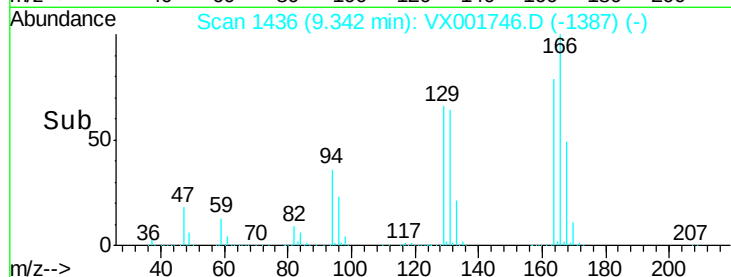


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX001746.D

Acq: 15 May 2018 15:35

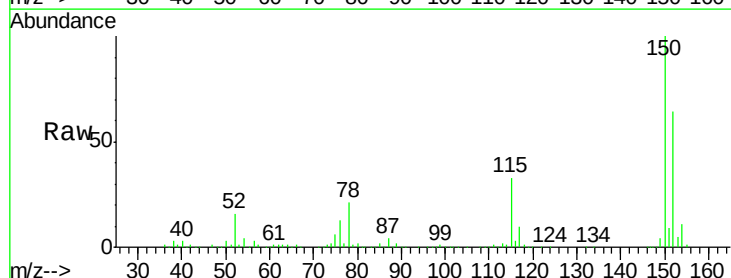
Tgt Ion:152 Resp: 151418

Ion Ratio Lower Upper

152 100

115 52.5 37.4 112.2

150 156.0 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

