

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002189.D
 Acq On : 31 May 2018 21:17
 Operator : JC/MD
 Sample : J3118-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW733-180521

Quant Time: Jun 01 04:14:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

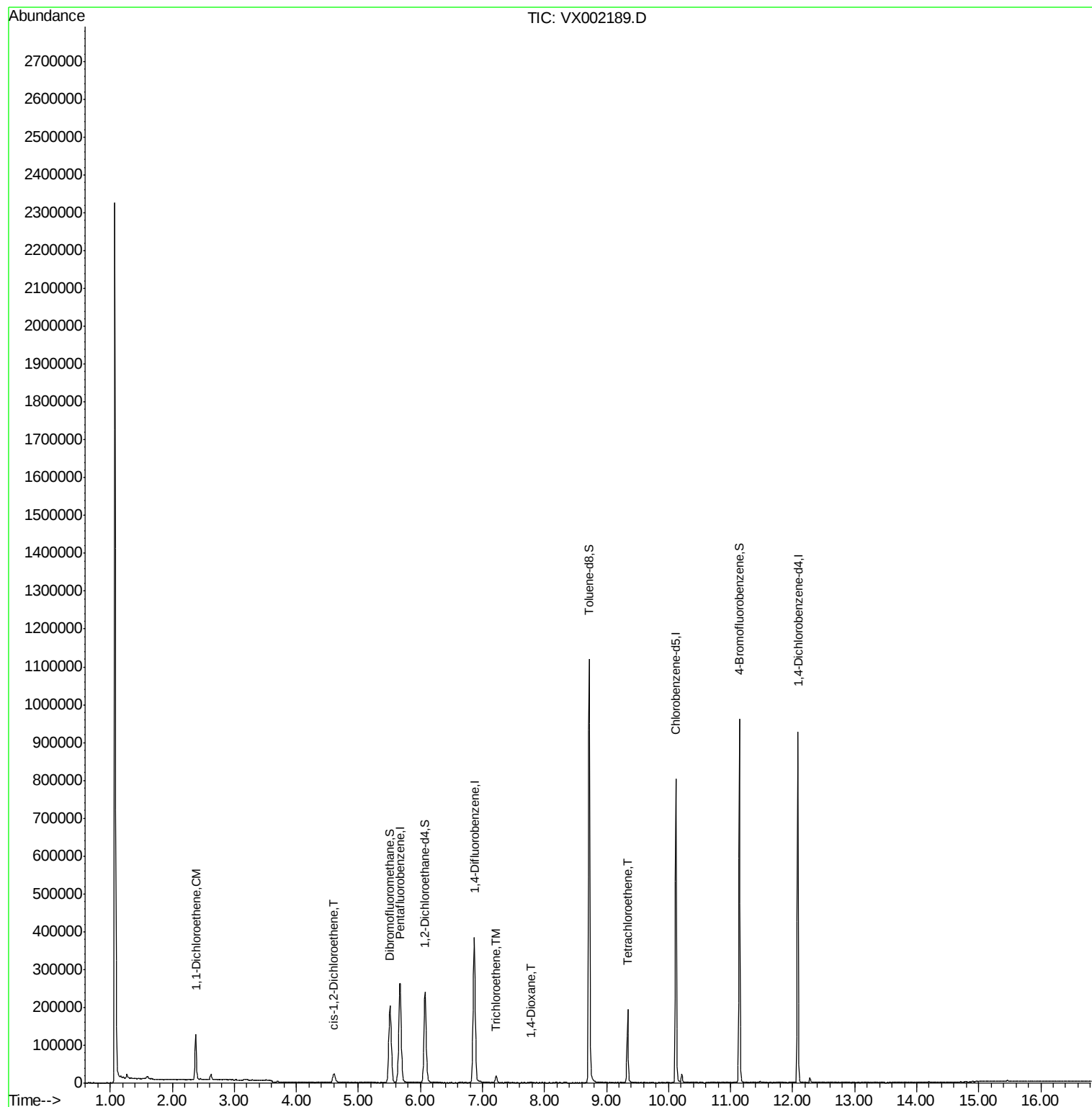
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	227169	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	5.51	113	167044	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
50) Toluene-d8	8.72	98	657332	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.14	95	231696	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.42%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	39797	12.964	ug/l	93
27) cis-1,2-Dichloroethene	4.61	96	12052	3.011	ug/l	77
44) Trichloroethene	7.22	130	6249	1.374	ug/l	80
49) 1,4-Dioxane	7.78	88	402	3.873	ug/l #	37
64) Tetrachloroethene	9.34	164	38300	7.757	ug/l	96

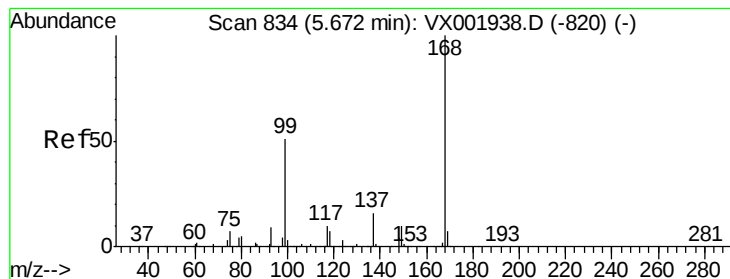
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
Data File : VX002189.D
Acq On : 31 May 2018 21:17
Operator : JC/MD
Sample : J3118-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS052MW733-180521

Quant Time: Jun 01 04:14:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

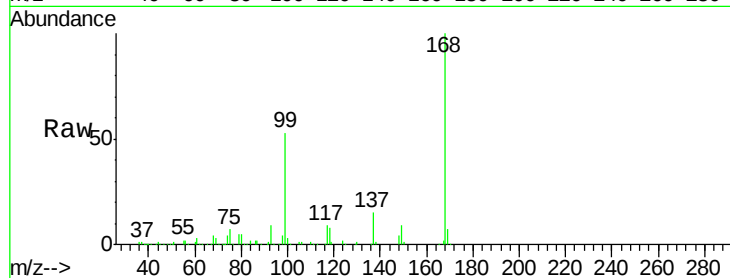
SS052MW733-180521

Tot Ion:168 Resp: 263375

Ion Ratio Lower Upper

168 100

99 53.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

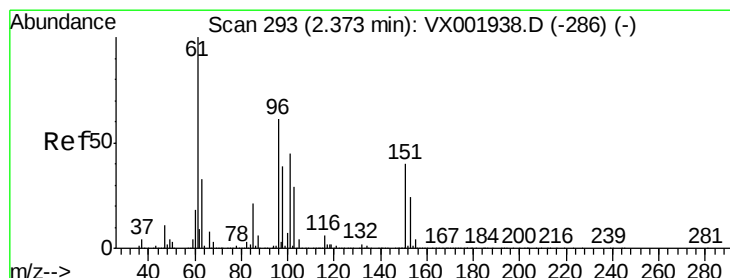
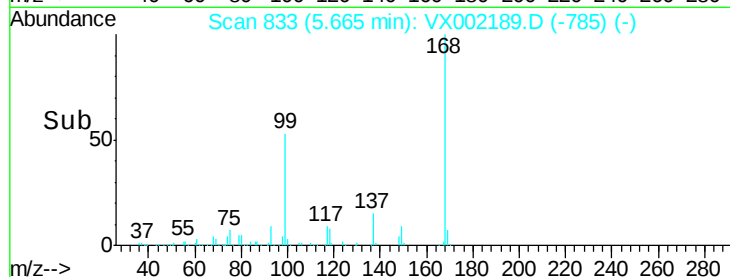
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 12.964 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

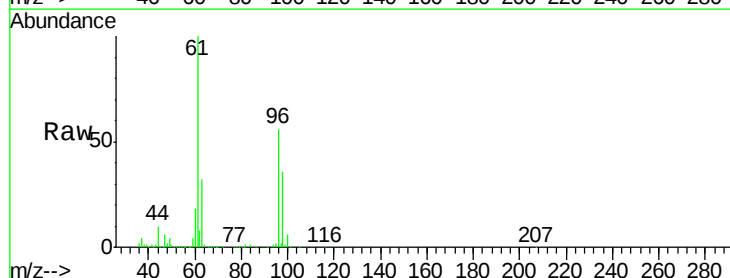
Tgt Ion: 96 Resp: 39797

Ion Ratio Lower Upper

96 100

61 177.8 131.7 197.5

98 64.4 51.6 77.4



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

2.38

50000

40000

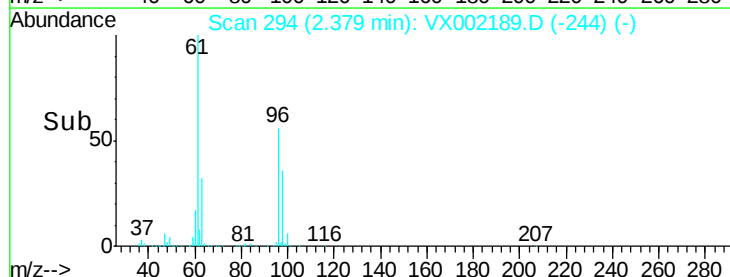
30000

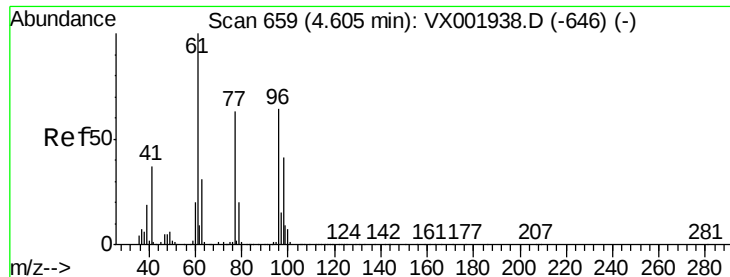
20000

10000

0

Time--> 2.30 2.40 2.50



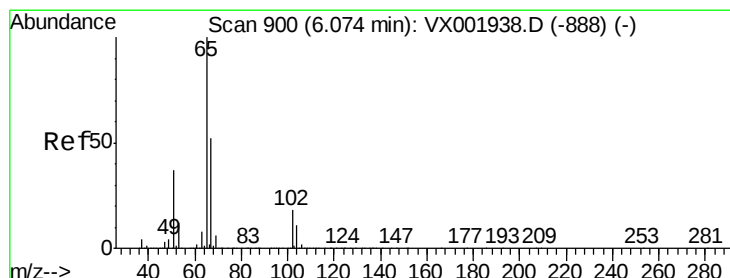
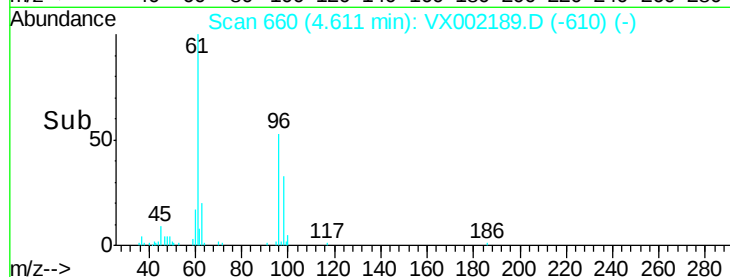
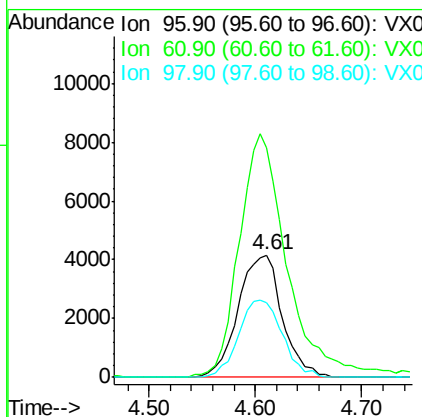
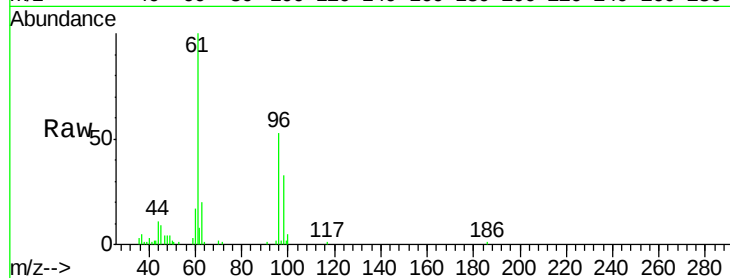


#27

cis-1,2-Dichloroethene
Concen: 3.011 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX002189.D
Acq: 31 May 2018 21:17

Instrument :
MSVOA_X
ClientSampleId :
SS052MW733-180521

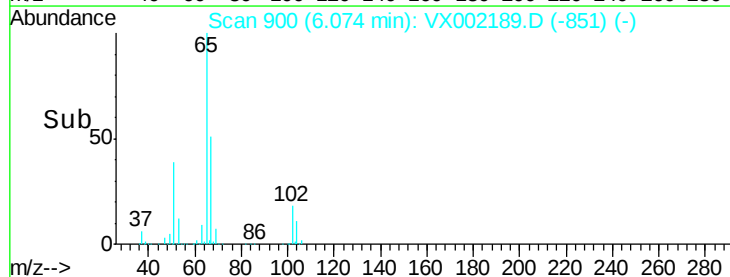
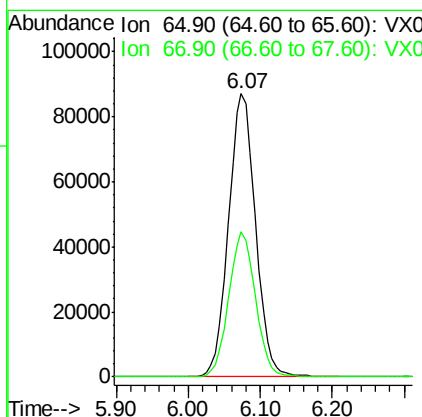
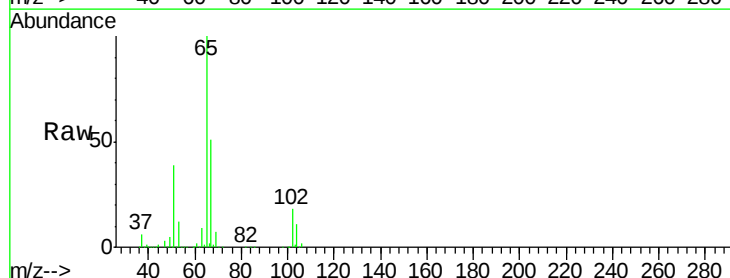
Tot Ion	96	Resp	12052
Ion	Ratio	Lower	Upper
96	100		
61	217.2	0.0	348.4
98	62.6	0.0	128.6

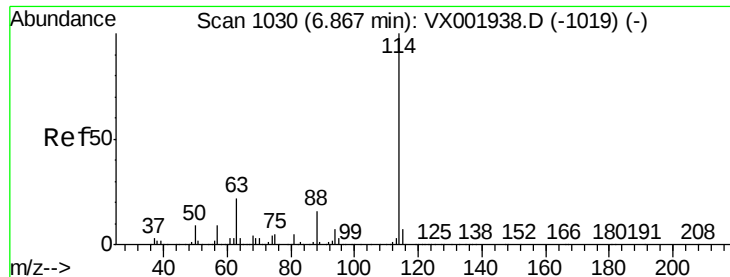


#33

1,2-Dichloroethane-d4
Concen: 48.253 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002189.D
Acq: 31 May 2018 21:17

Tgt Ion	65	Resp	227169
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

SS052MW733-180521

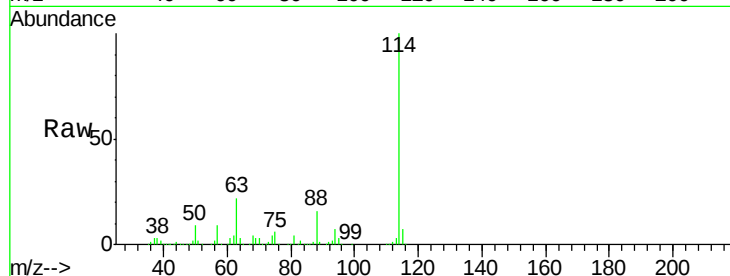
Tot Ion:114 Resp: 382981

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

88 15.9 0.0 31.6



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

200000

150000

100000

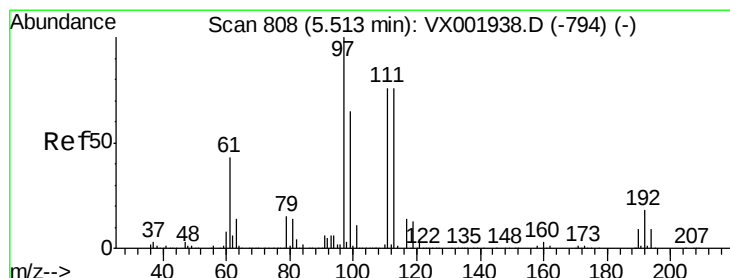
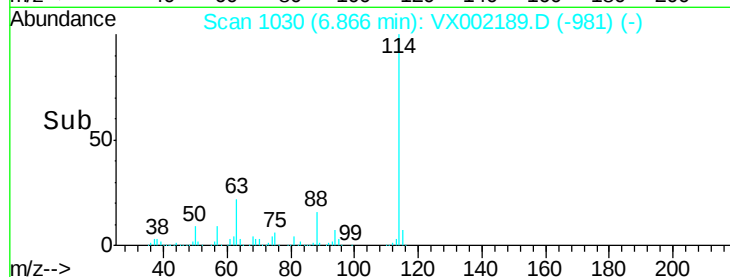
50000

0

6.87

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 43.617 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

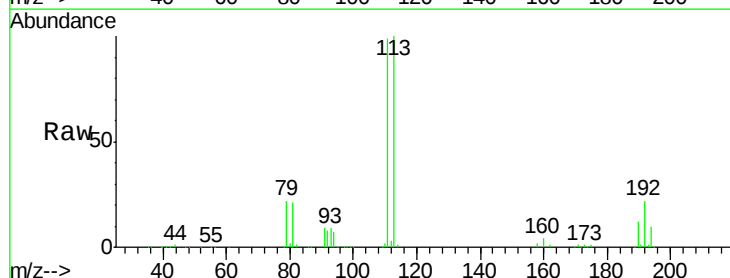
Tgt Ion:113 Resp: 167044

Ion Ratio Lower Upper

113 100

111 100.7 82.0 123.0

192 22.9 18.9 28.3



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

80000

60000

40000

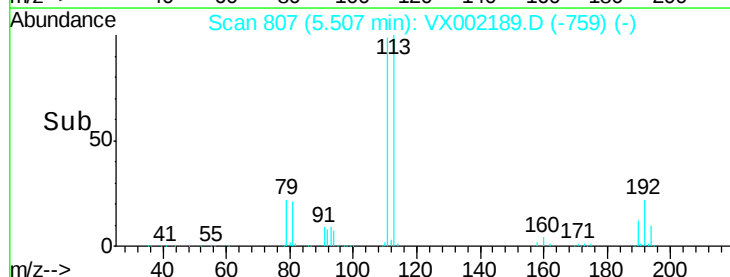
20000

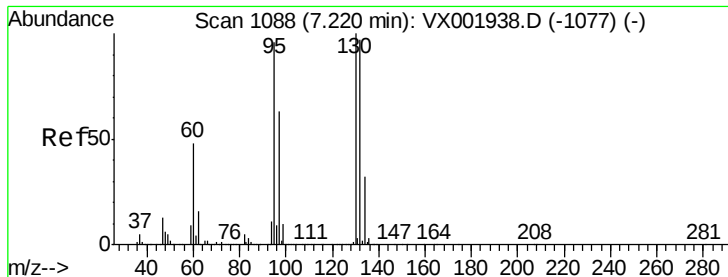
0

5.51

5.40 5.50 5.60 5.70

Time-->





#44

Trichloroethene

Concen: 1.374 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

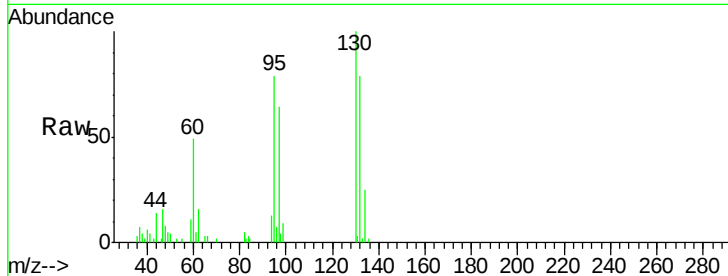
SS052MW733-180521

Tot Ion:130 Resp: 6249

Ion Ratio Lower Upper

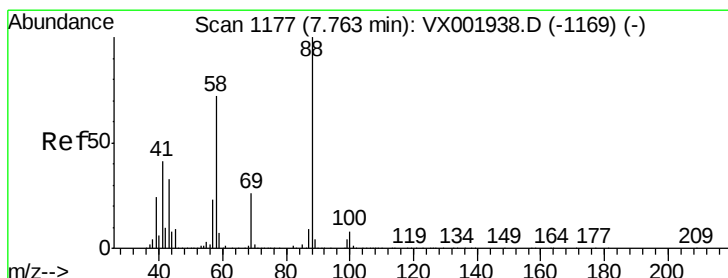
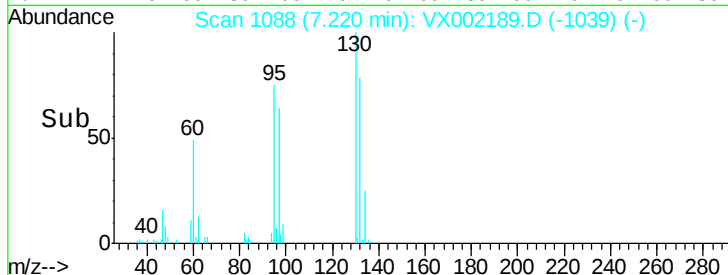
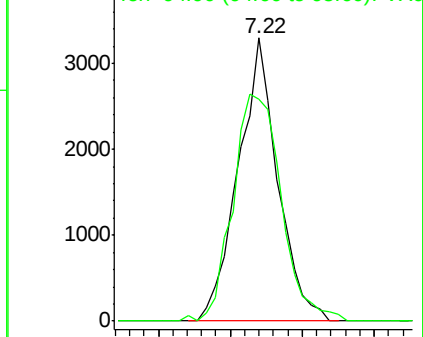
130 100

95 76.4 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 3.873 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.02 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

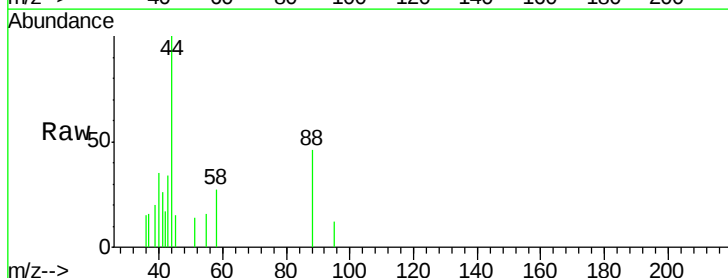
Tgt Ion: 88 Resp: 402

Ion Ratio Lower Upper

88 100

43 89.6 29.8 44.8#

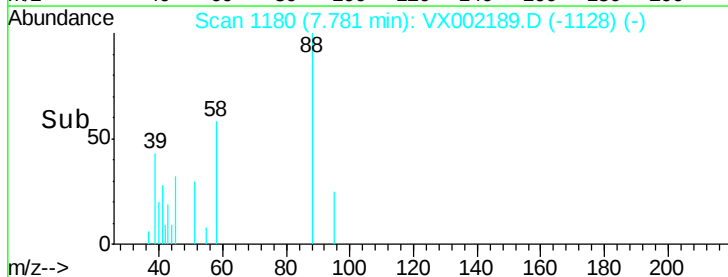
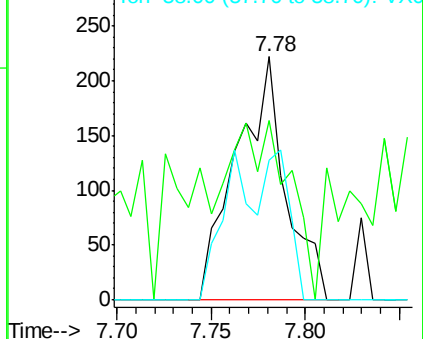
58 30.8 58.7 88.1#

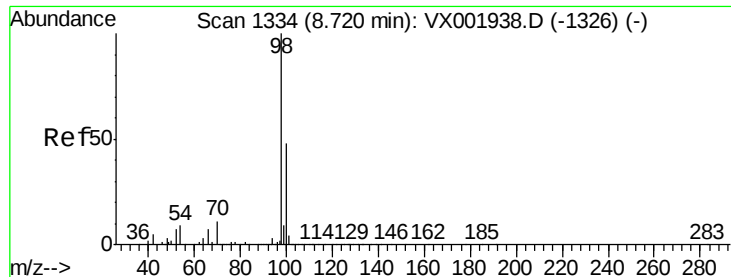


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.408 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

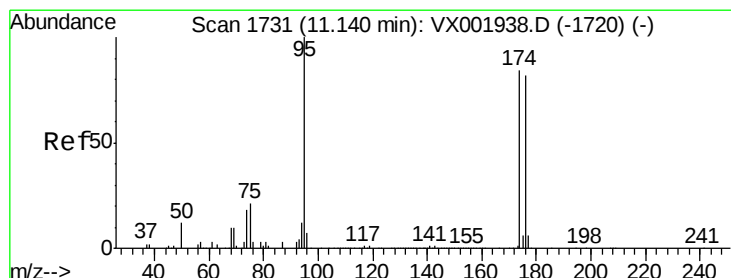
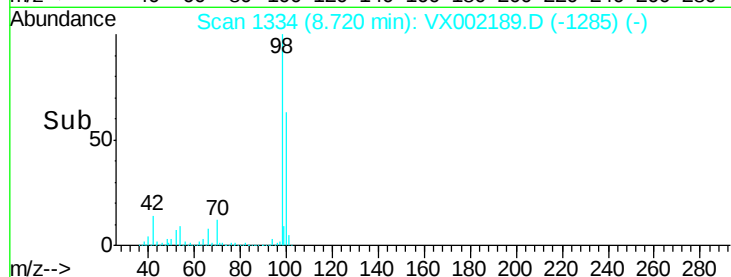
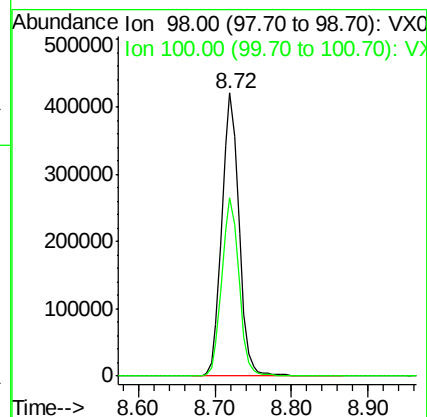
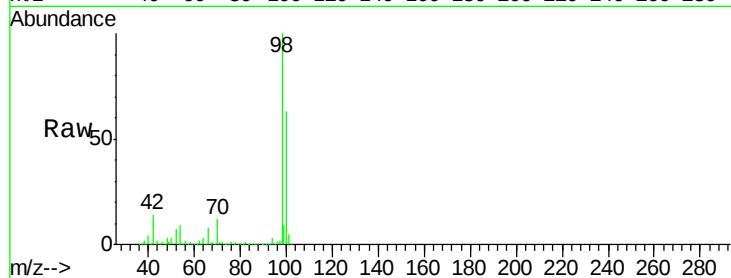
SS052MW733-180521

Tot Ion: 98 Resp: 657332

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 42.710 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

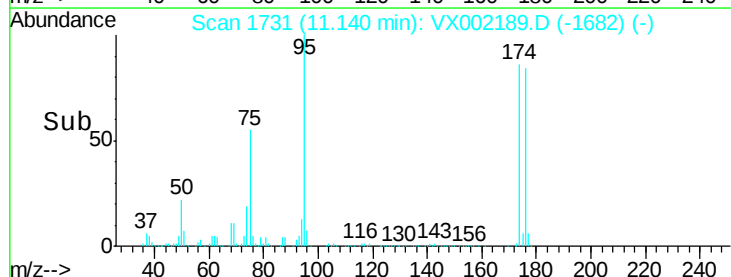
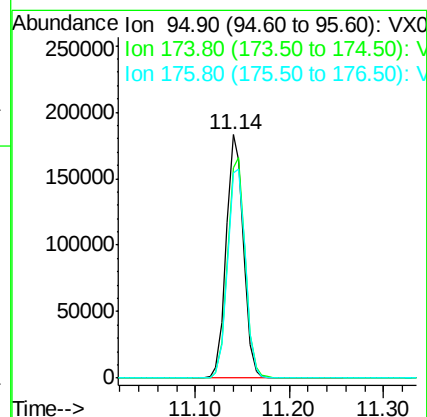
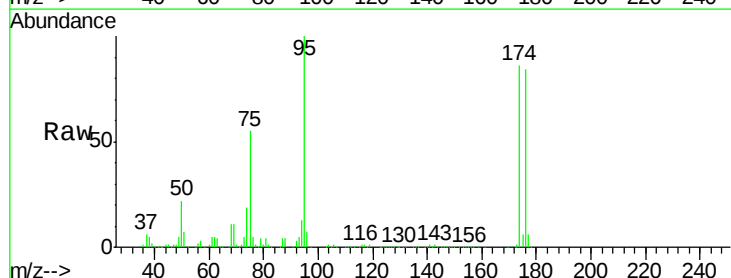
Tgt Ion: 95 Resp: 231696

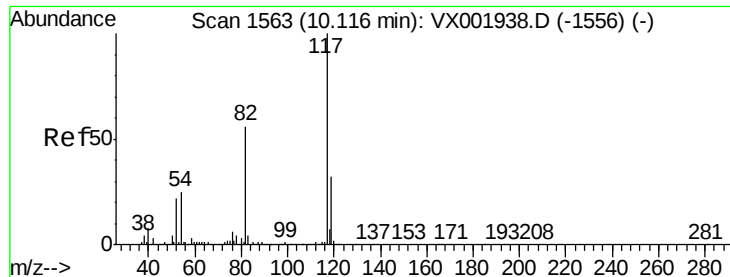
Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.8

176 89.0 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

SS052MW733-180521

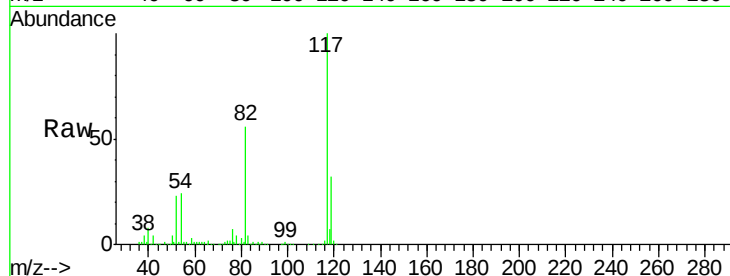
Tot Ion:117 Resp: 344347

Ion Ratio Lower Upper

117 100

82 56.4 44.8 67.2

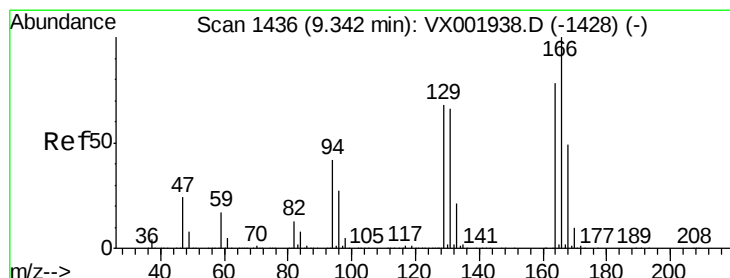
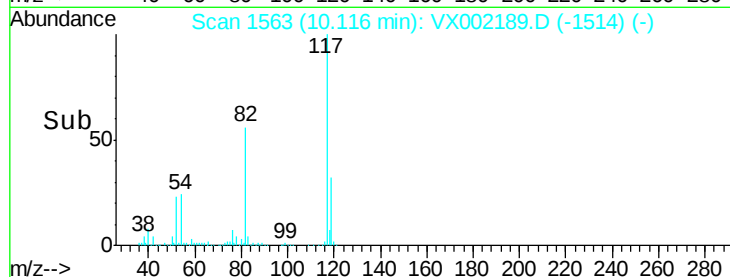
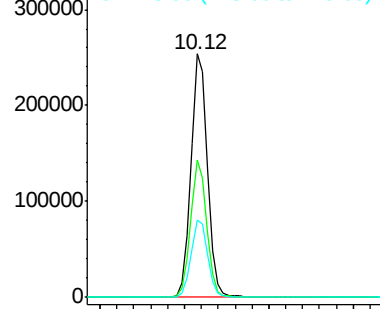
119 31.8 25.5 38.3



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: 7.757 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

Tgt Ion:164 Resp: 38300

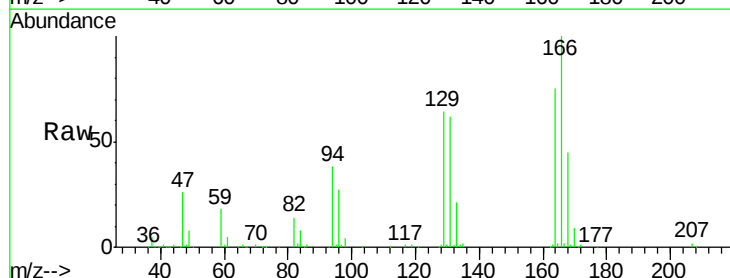
Ion Ratio Lower Upper

164 100

166 133.8 102.7 154.1

129 85.1 70.3 105.5

131 82.4 68.2 102.4

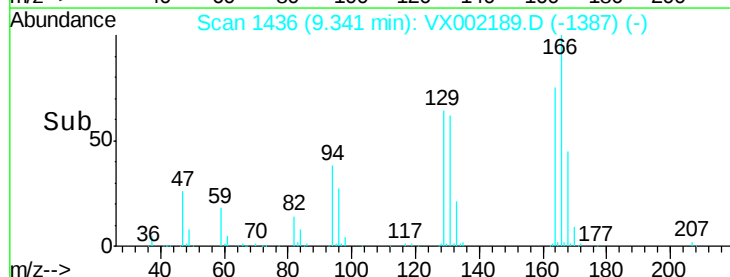
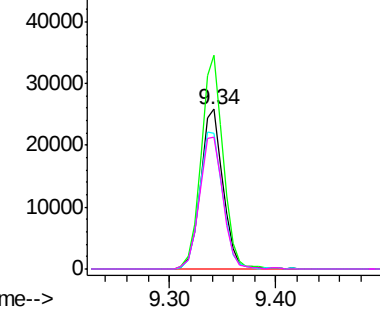


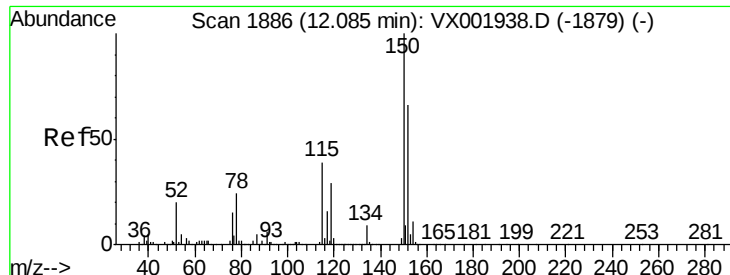
Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002189.D

Acq: 31 May 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

SS052MW733-180521

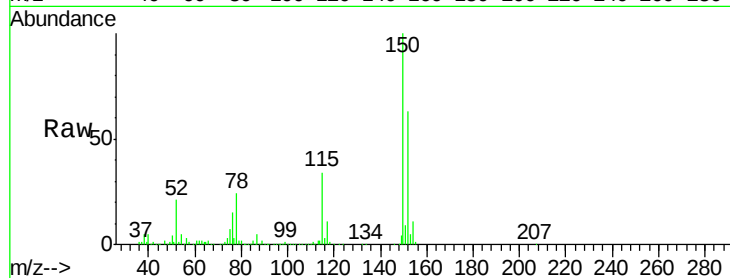
Tot Ion:152 Resp: 186230

Ion Ratio Lower Upper

152 100

115 56.1 42.3 126.8

150 158.3 0.0 351.0



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

