

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002188.D
 Acq On : 31 May 2018 20:50
 Operator : JC/MD
 Sample : J3118-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW718-180522

Quant Time: Jun 01 04:07:44 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

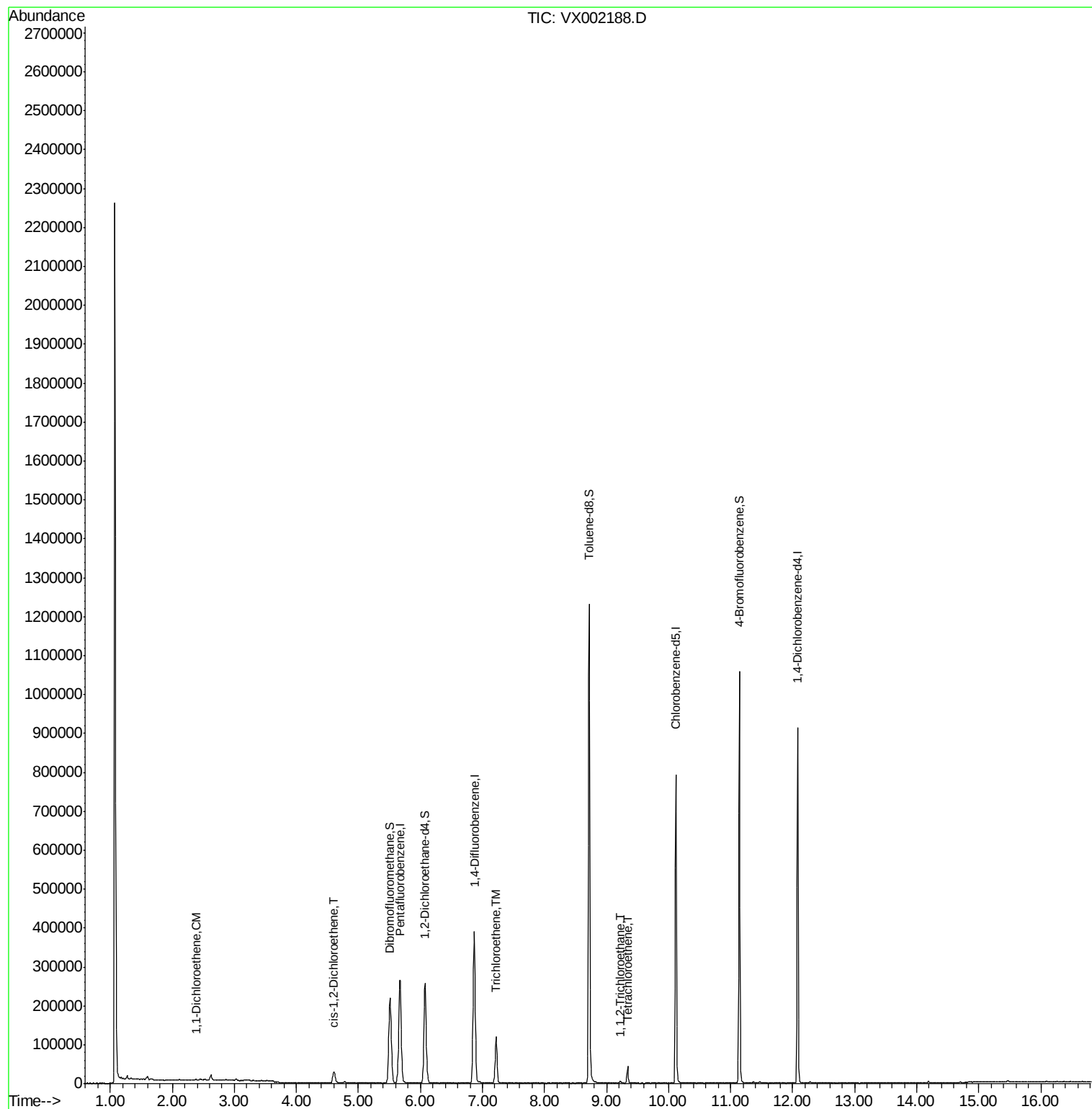
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	244051	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
35) Dibromofluoromethane	5.51	113	178573	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
50) Toluene-d8	8.72	98	706705	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	250007	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.38	96	1039	0.337	ug/l	88
27) cis-1,2-Dichloroethene	4.60	96	16221	4.036	ug/l	88
44) Trichloroethene	7.22	130	45195	9.940	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	1180	0.284	ug/l #	86
64) Tetrachloroethene	9.34	164	8264	1.656	ug/l	95

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002188.D

Acq: 31 May 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

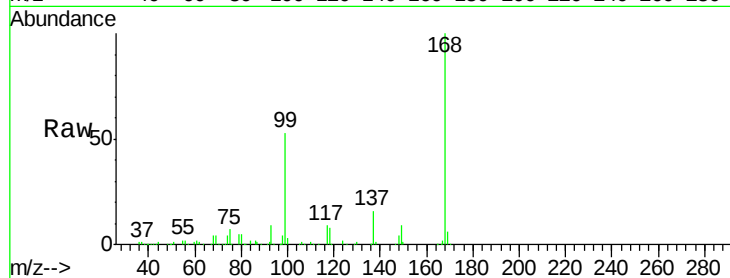
SS052MW718-180522

Tot Ion:168 Resp: 264440

Ion Ratio Lower Upper

168 100

99 53.4 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

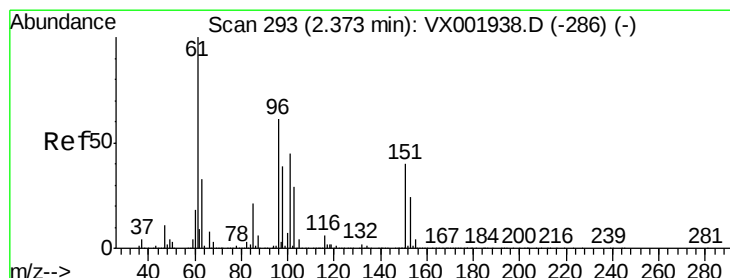
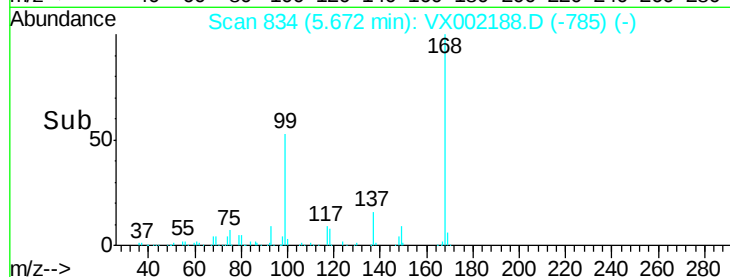
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.337 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002188.D

Acq: 31 May 2018 20:50

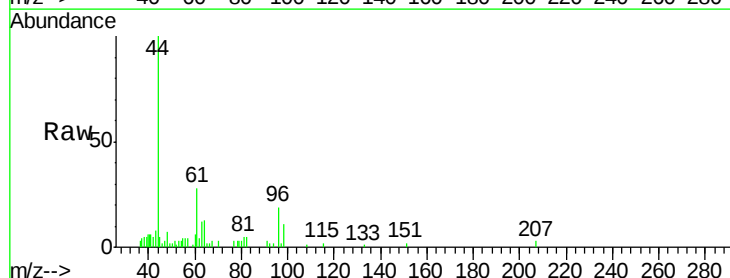
Tgt Ion: 96 Resp: 1039

Ion Ratio Lower Upper

96 100

61 146.6 131.7 197.5

98 56.7 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

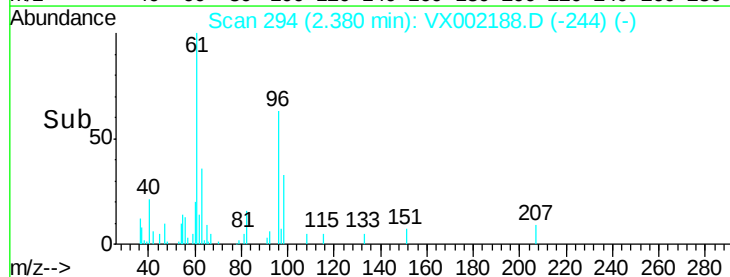
2.38

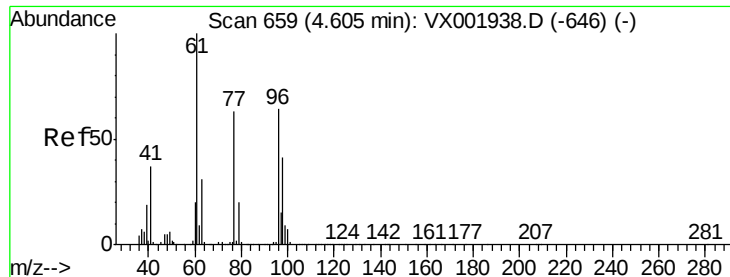
1000

500

0

Time-->



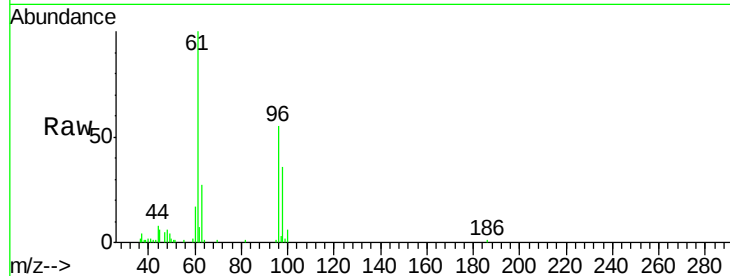


#27

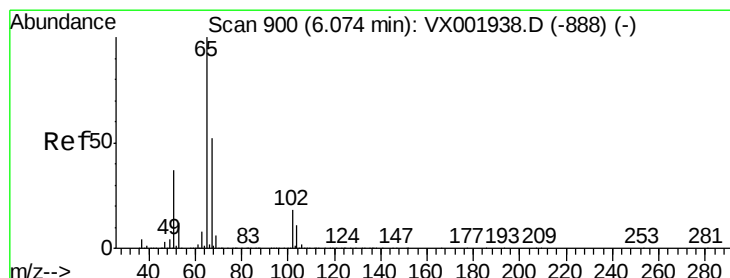
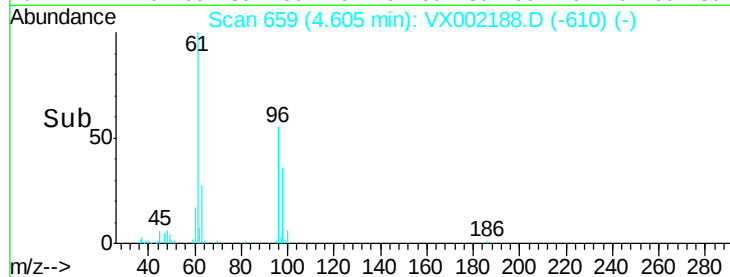
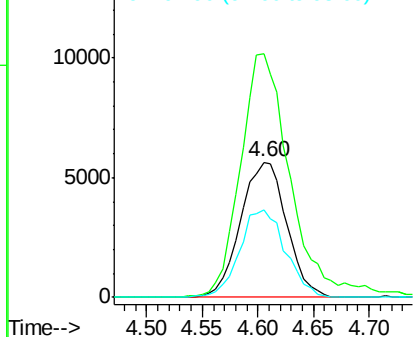
cis-1,2-Dichloroethene
Concen: 4.036 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
SS052MW718-180522

Tot Ion	Ratio	Lower	Upper
96	100		
61	197.3	0.0	348.4
98	64.6	0.0	128.6



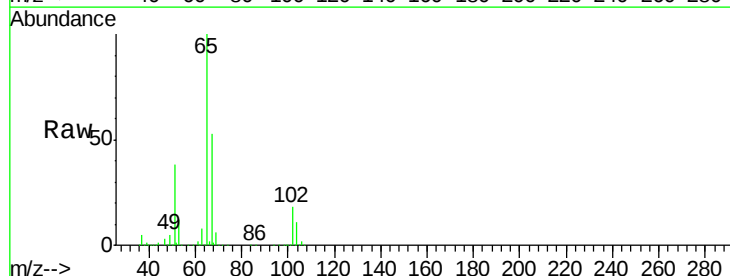
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



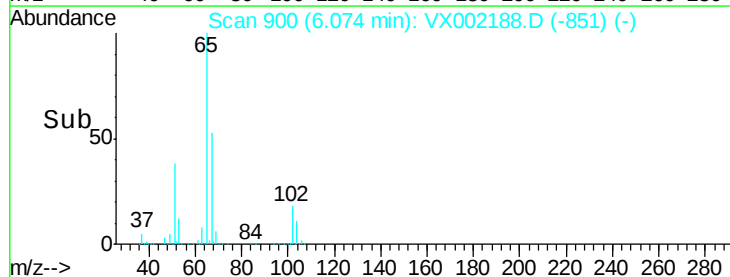
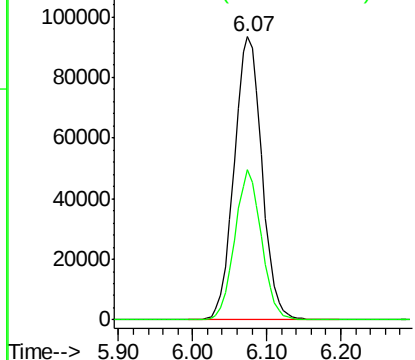
#33

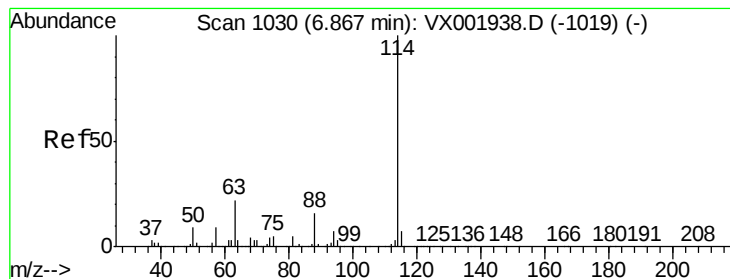
1,2-Dichloroethane-d4
Concen: 51.631 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002188.D

Acq: 31 May 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

SS052MW718-180522

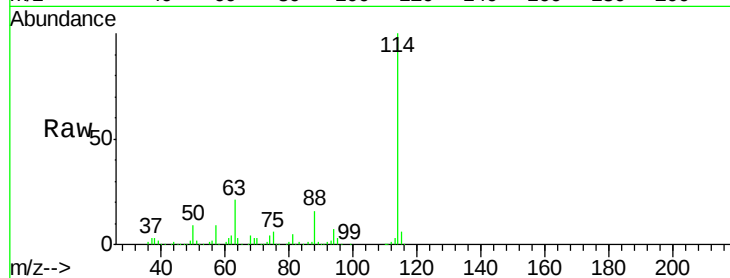
Tot Ion:114 Resp: 382879

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

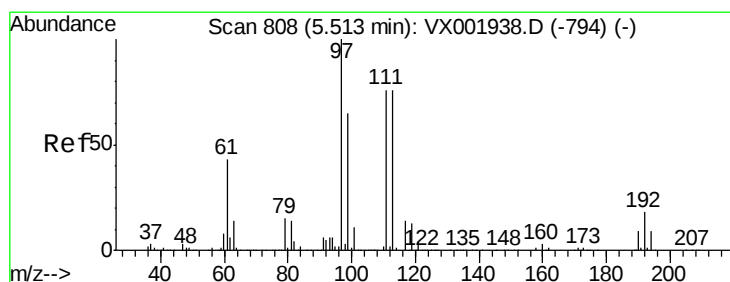
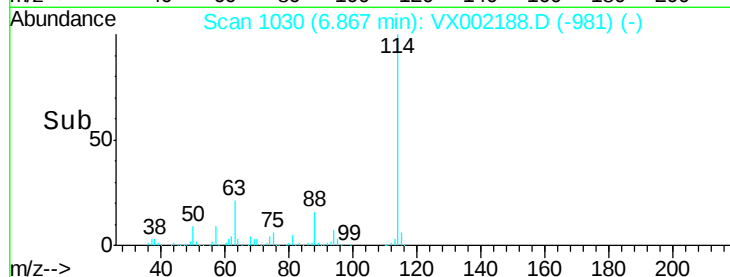
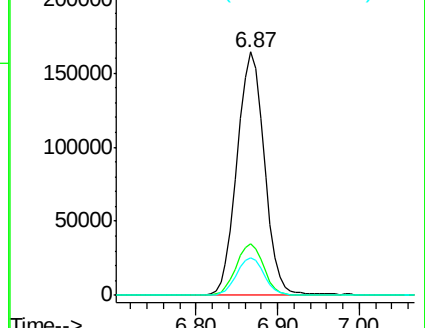
88 15.5 0.0 31.6



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



#35

Dibromofluoromethane

Concen: 46.639 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002188.D

Acq: 31 May 2018 20:50

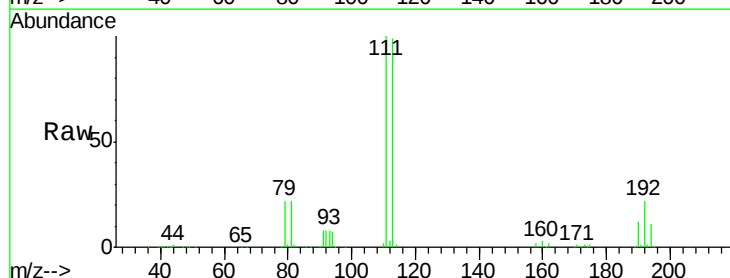
Tgt Ion:113 Resp: 178573

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

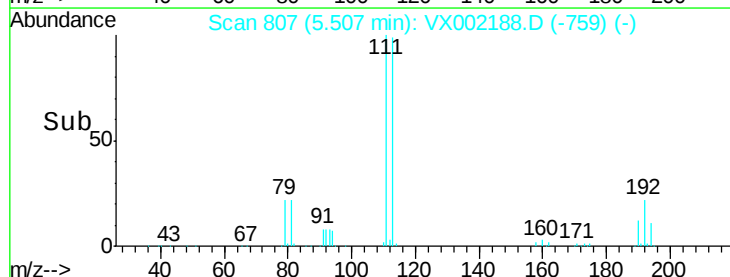
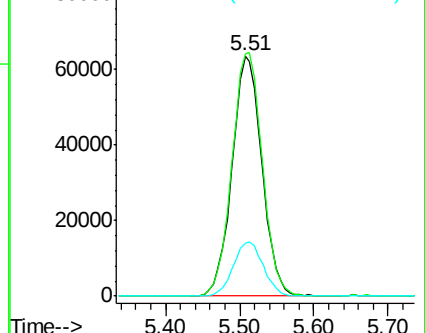
192 22.9 18.9 28.3

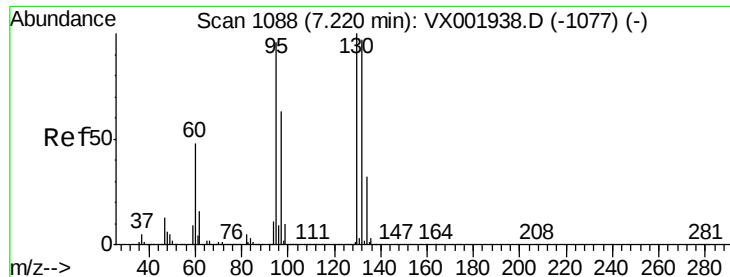


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 9.940 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002188.D

Acq: 31 May 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

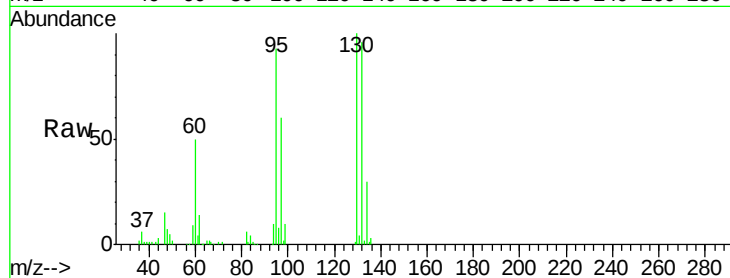
SS052MW718-180522

Tot Ion:130 Resp: 45195

Ion Ratio Lower Upper

130 100

95 92.6 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

25000

20000

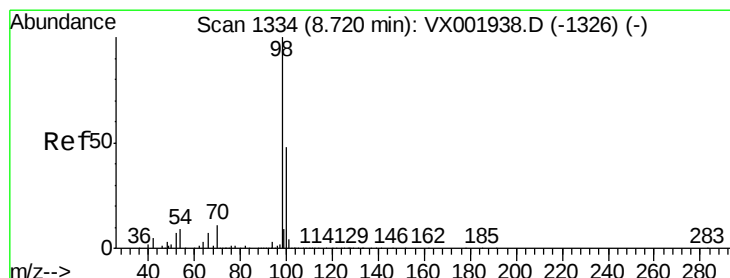
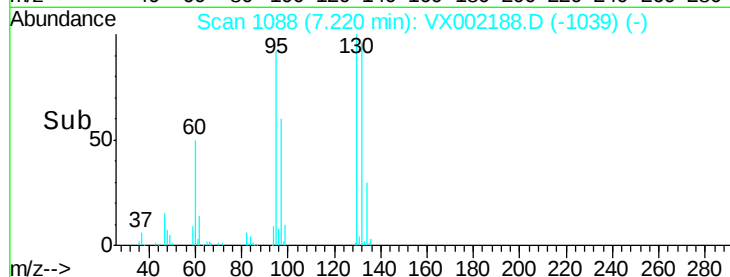
15000

10000

5000

0

Time-->



#50

Toluene-d8

Concen: 50.983 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002188.D

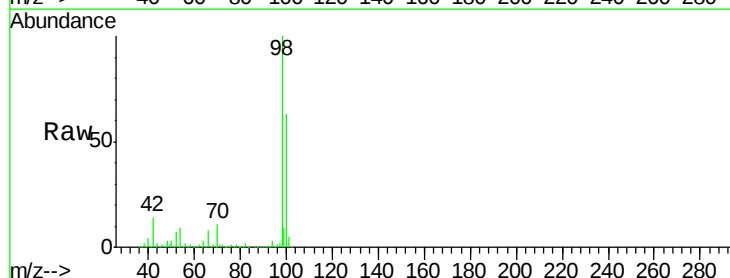
Acq: 31 May 2018 20:50

Tgt Ion: 98 Resp: 706705

Ion Ratio Lower Upper

98 100

100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

500000

400000

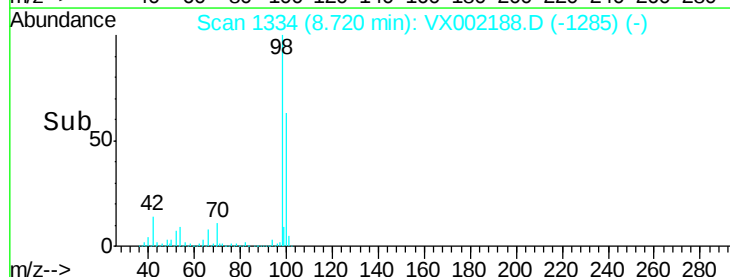
300000

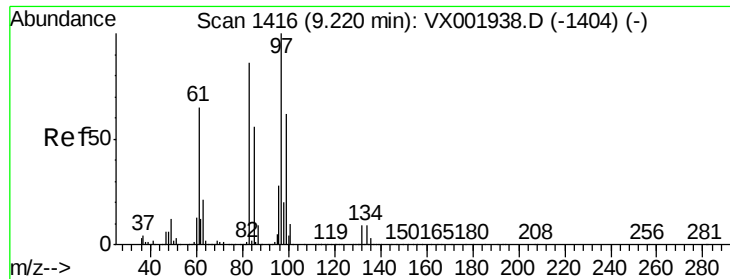
200000

100000

0

Time-->

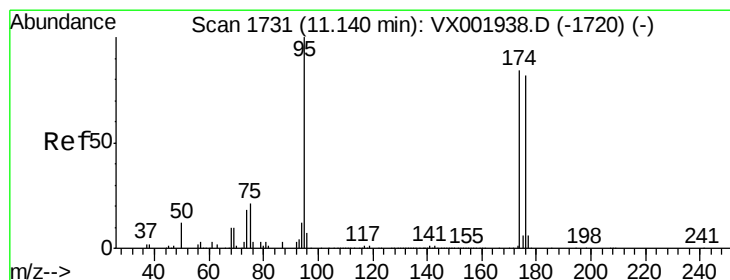
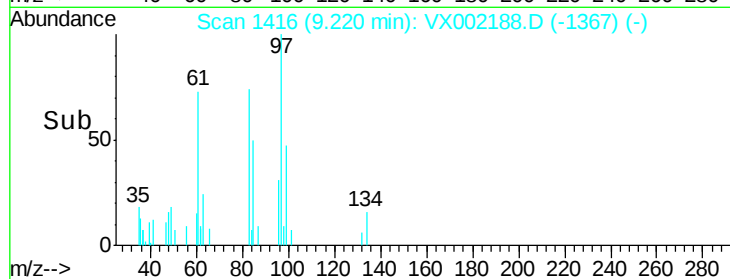
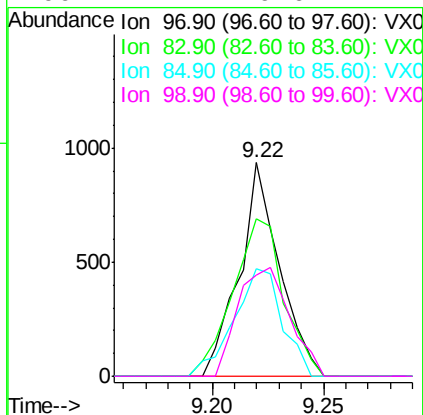
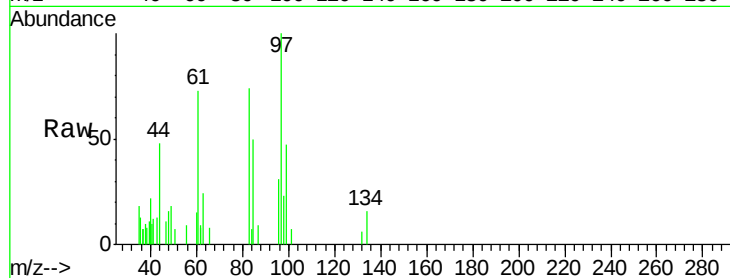




#55
 1,1,2-Trichloroethane
 Concen: 0.284 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002188.D
 Acq: 31 May 2018 20:50

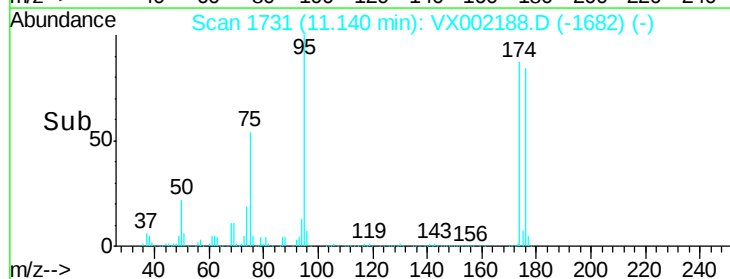
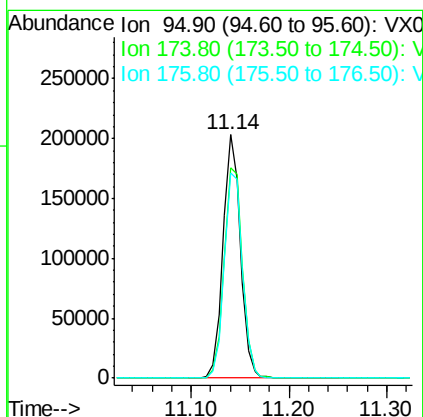
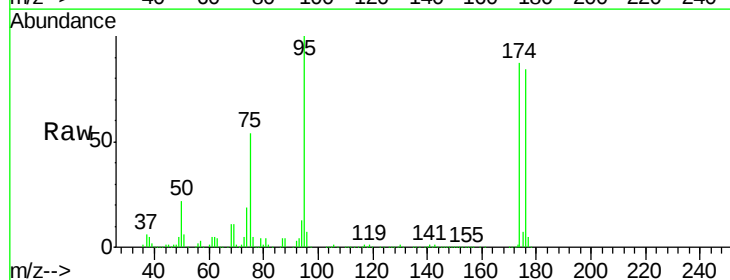
Instrument :
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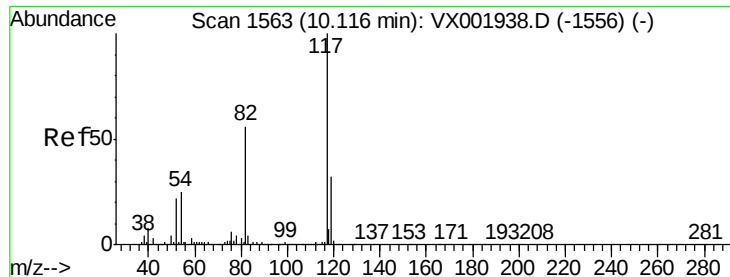
Tot Ion:	97	Resp:	1180
Ion	Ratio	Lower	Upper
97	100		
83	73.9	69.1	103.7
85	50.2	45.2	67.8
99	47.2	49.6	74.4#



#62
 4-Bromofluorobenzene
 Concen: 46.097 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002188.D
 Acq: 31 May 2018 20:50

Tgt Ion:	95	Resp:	250007
Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	178.8
176	89.0	0.0	175.6

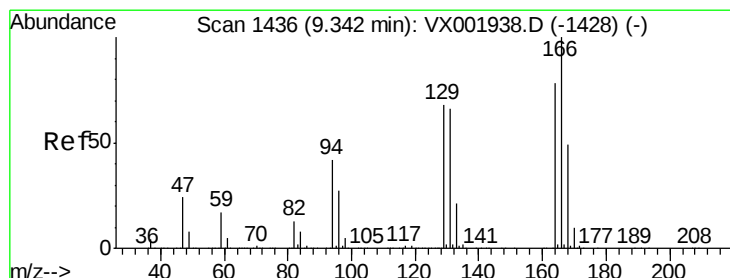
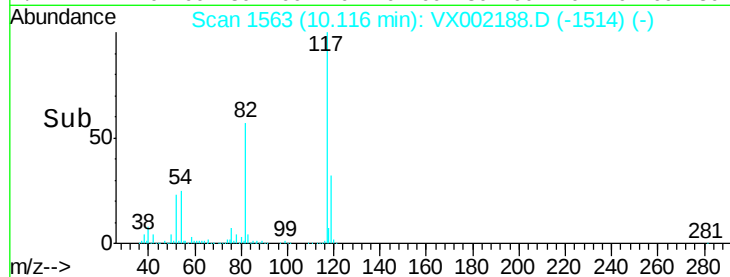
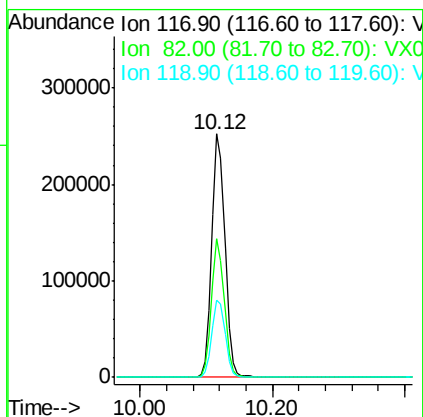
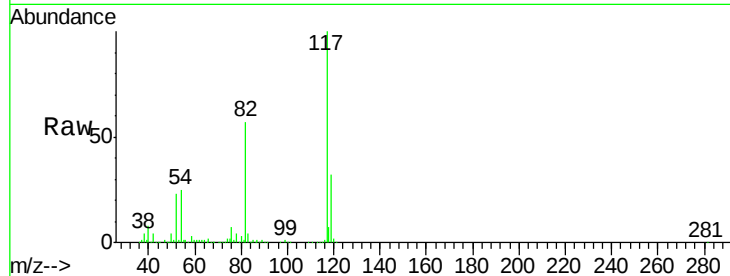




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

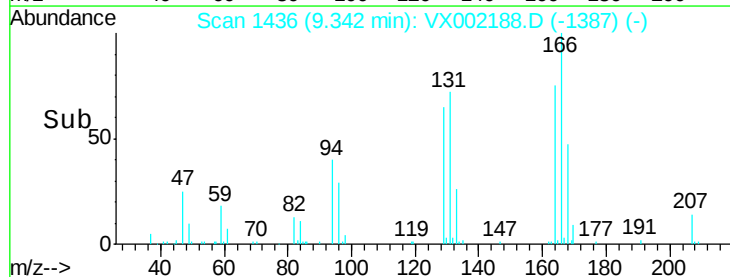
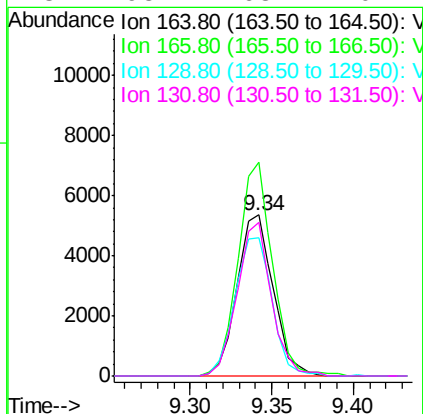
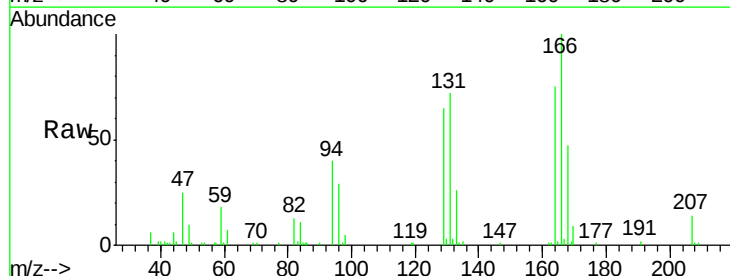
Instrument :
MSVOA_X
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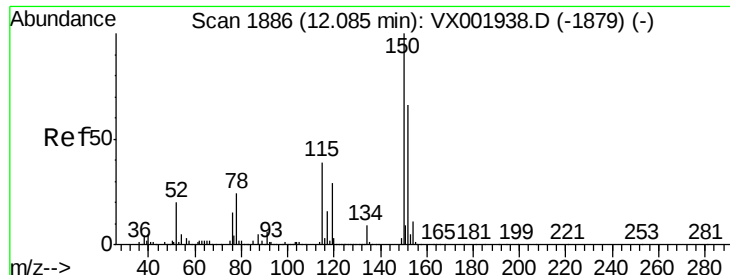
Tot Ion:117 Resp: 348010
Ion Ratio Lower Upper
117 100
82 56.8 44.8 67.2
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 1.656 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion:164 Resp: 8264
Ion Ratio Lower Upper
164 100
166 132.9 102.7 154.1
129 86.2 70.3 105.5
131 95.7 68.2 102.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002188.D

Acq: 31 May 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

SS052MW718-180522

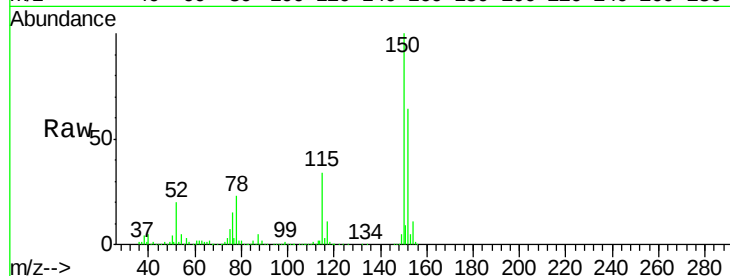
Tot Ion:152 Resp: 191385

Ion Ratio Lower Upper

152 100

115 55.3 42.3 126.8

150 156.2 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

