

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002205.D
 Acq On : 01 Jun 2018 08:15
 Operator : JC/MD
 Sample : J3119-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW715-180522

Quant Time: Jun 01 09:10:20 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

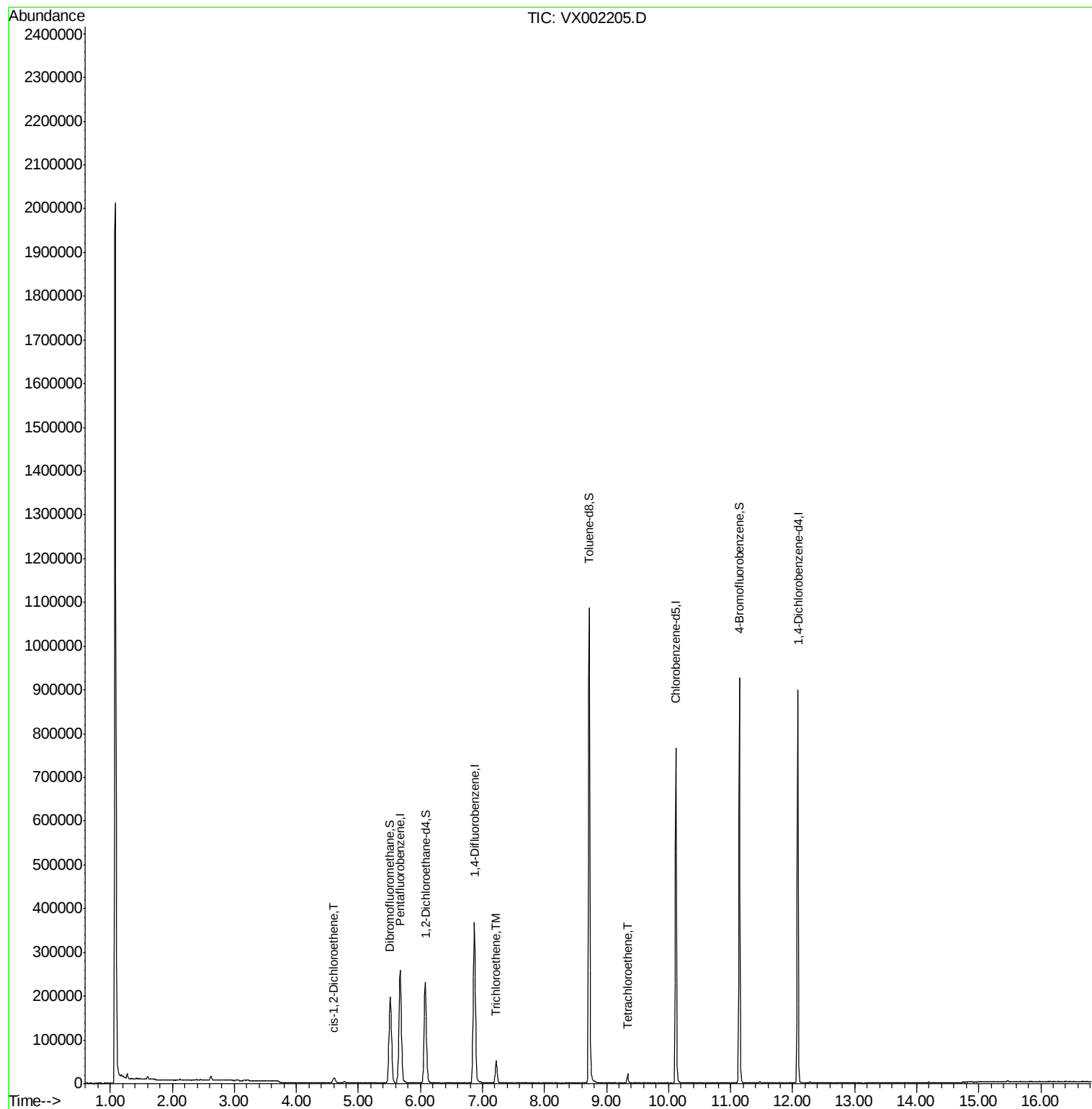
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	218813	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	5.51	113	160102	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
50) Toluene-d8	8.72	98	640129	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.14	95	226073	43.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.88%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	5585	1.429	ug/l	39
44) Trichloroethene	7.22	130	18984	4.351	ug/l	96
64) Tetrachloroethene	9.34	164	4100	0.861	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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ClientSampleId :

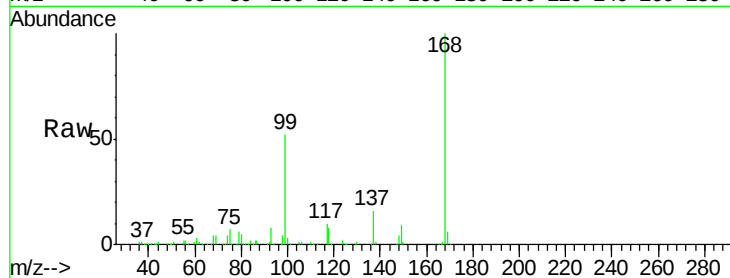
SS052MW715-180522

Tot Ion:168 Resp: 257175

Ion Ratio Lower Upper

168 100

99 51.5 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

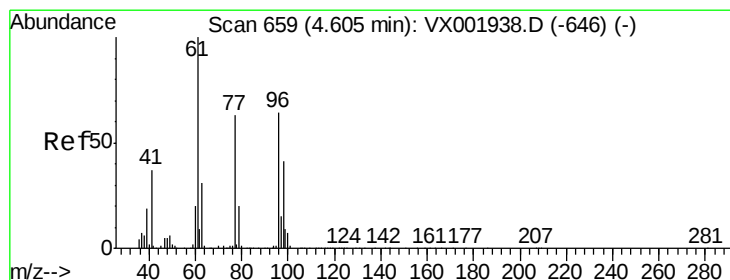
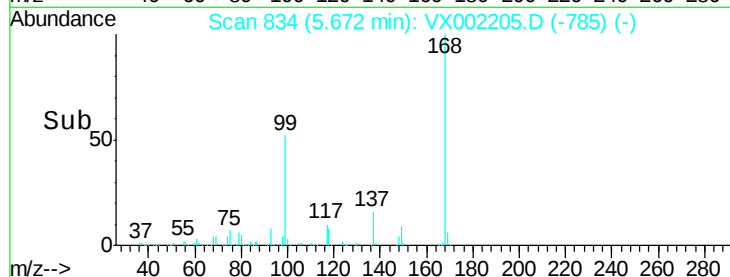
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.429 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002205.D

Acq: 01 Jun 2018 08:15

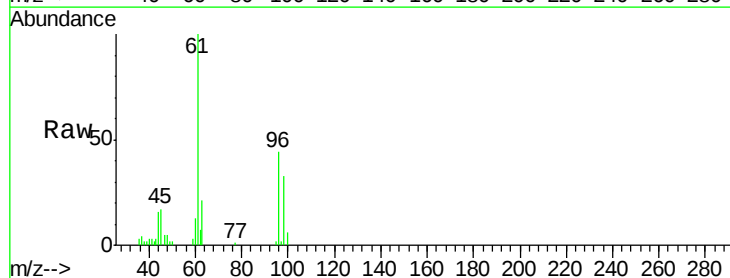
Tgt Ion: 96 Resp: 5585

Ion Ratio Lower Upper

96 100

61 288.2 0.0 348.4

98 66.9 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

6000

5000

4000

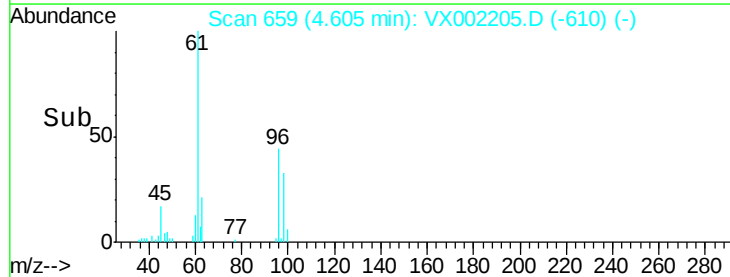
3000

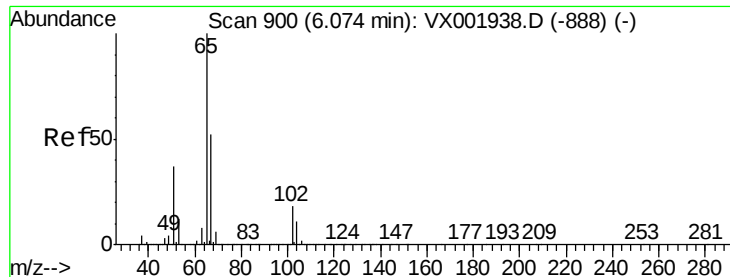
2000

1000

0

Time-->

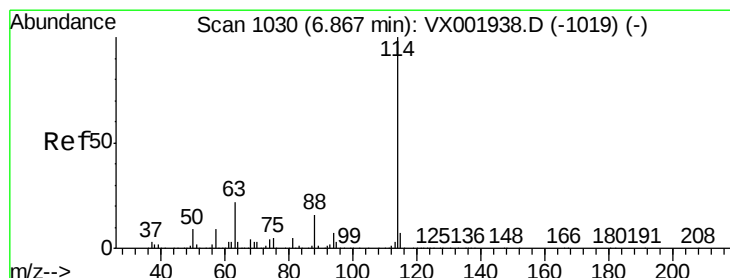
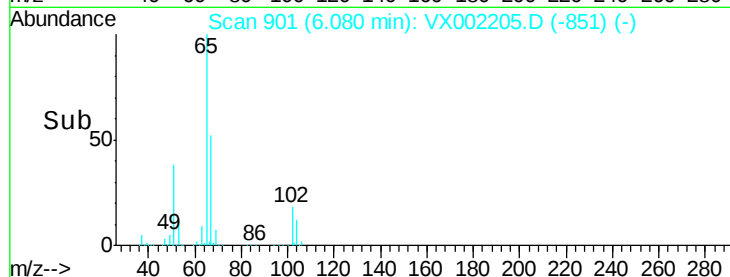
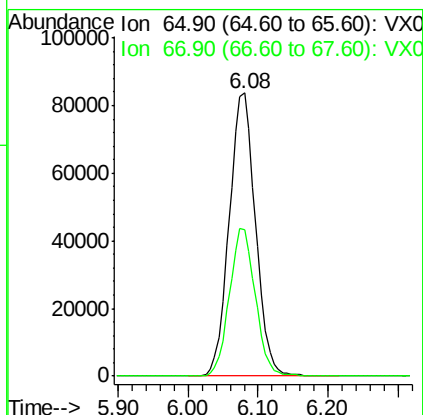
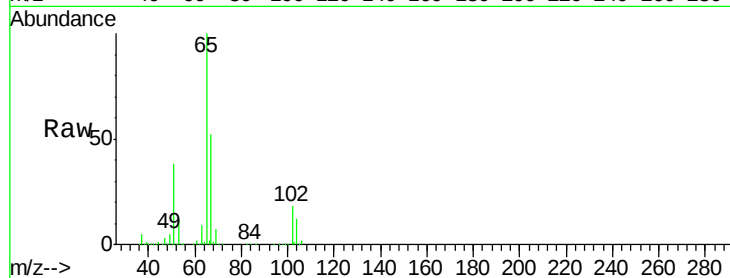




#33
 1,2-Dichloroethane-d4
 Concen: 47.599 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX002205.D
 Acq: 01 Jun 2018 08:15

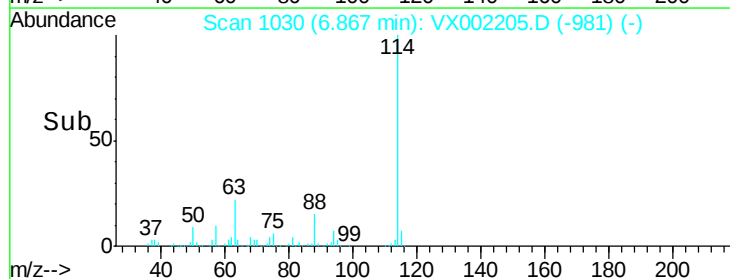
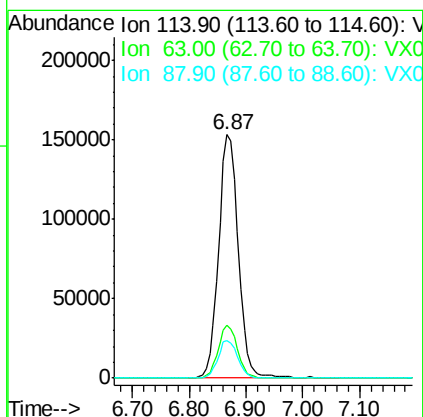
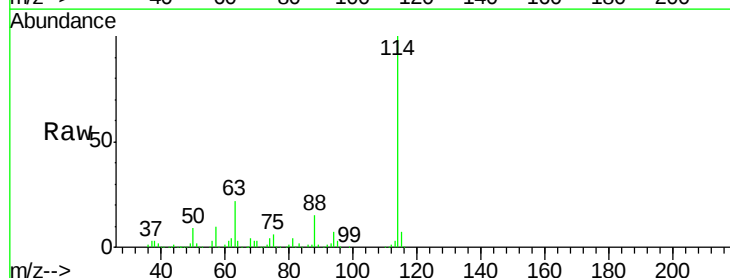
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW715-180522

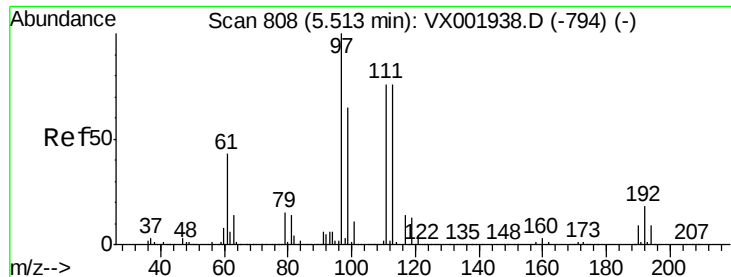
Tot Ion: 65 Resp: 218813
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002205.D
 Acq: 01 Jun 2018 08:15

Tgt Ion: 114 Resp: 367447
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 15.5 0.0 31.6

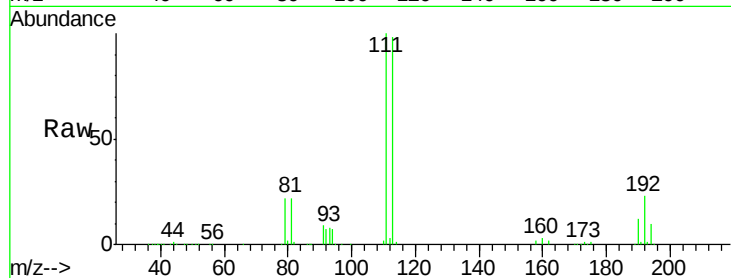




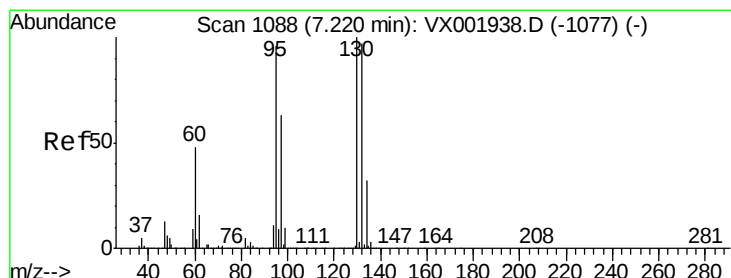
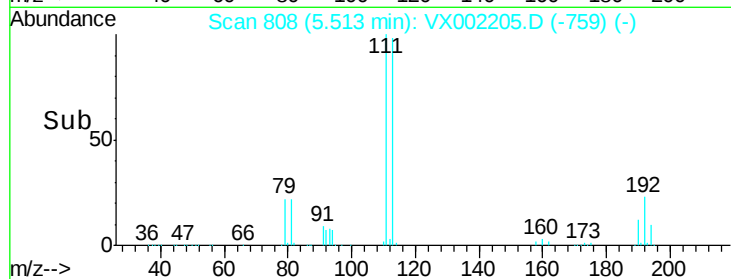
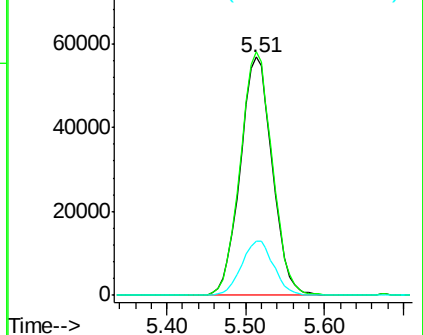
#35
Dibromofluoromethane
Concen: 43.571 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX002205.D
Acq: 01 Jun 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
SS052MW715-180522

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	23.1	18.9	28.3

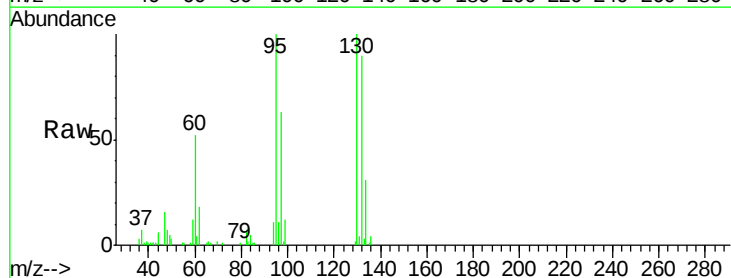


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

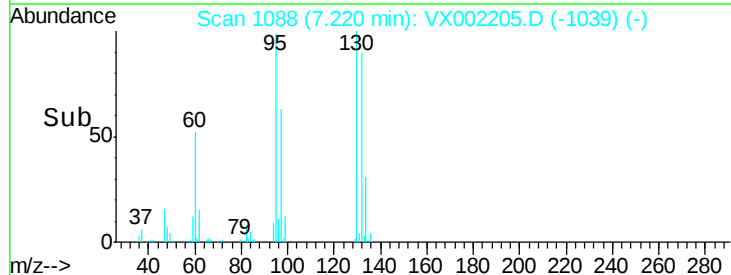
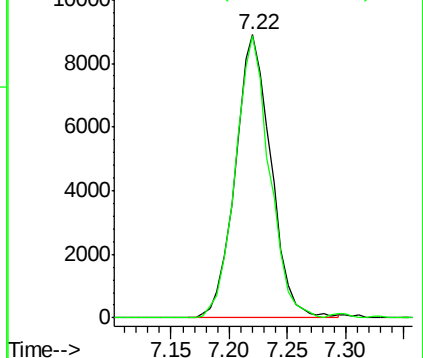


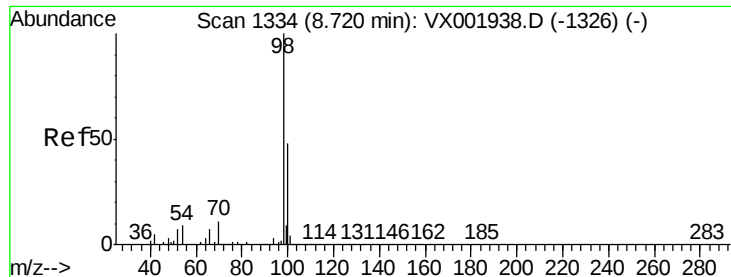
#44
Trichloroethene
Concen: 4.351 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX002205.D
Acq: 01 Jun 2018 08:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.120 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002205.D

Acq: 01 Jun 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

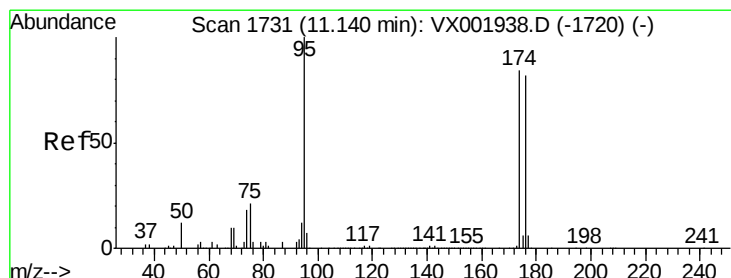
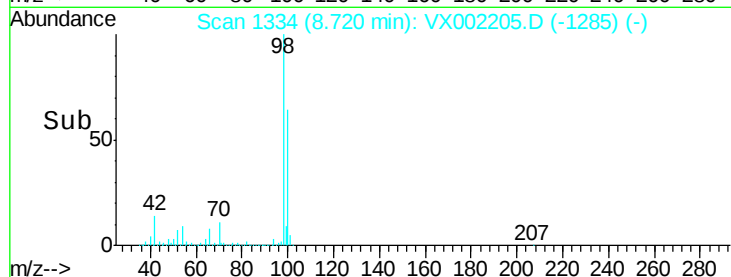
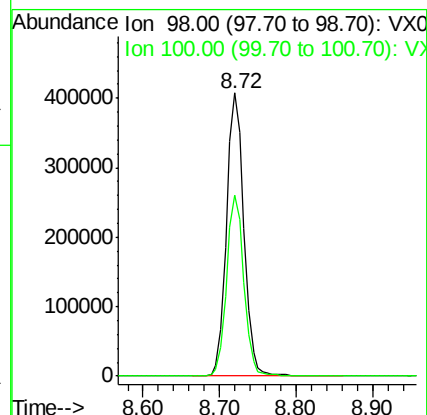
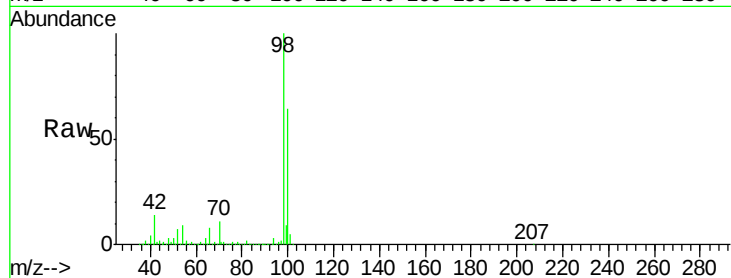
SS052MW715-180522

Tot Ion: 98 Resp: 640129

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 43.435 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002205.D

Acq: 01 Jun 2018 08:15

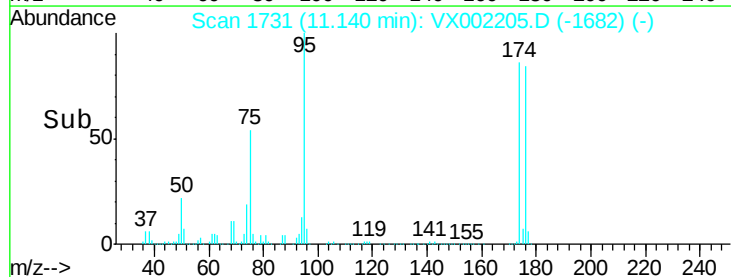
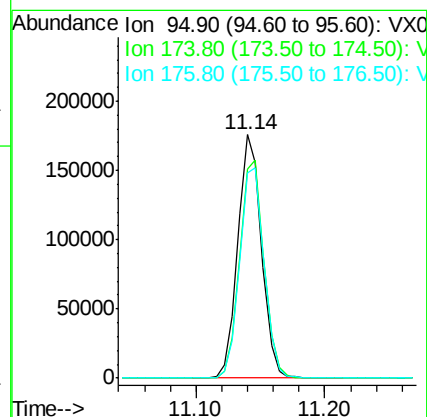
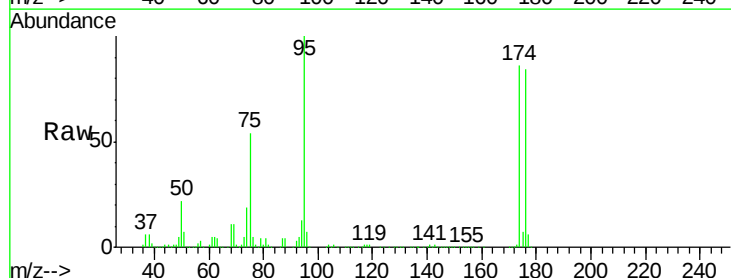
Tgt Ion: 95 Resp: 226073

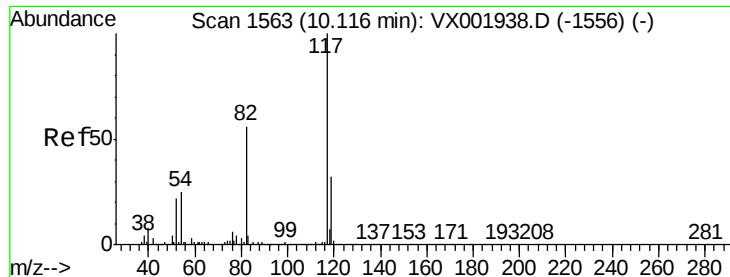
Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.8

176 89.1 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: VX002205.D

Acq: 01 Jun 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

SS052MW715-180522

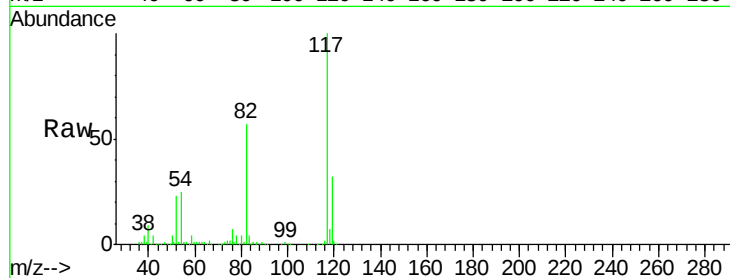
Tot Ion:117 Resp: 332249

Ion Ratio Lower Upper

117 100

82 57.4 44.8 67.2

119 32.3 25.5 38.3



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

10.12

250000

200000

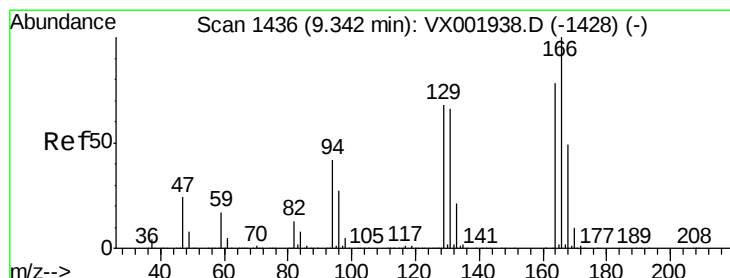
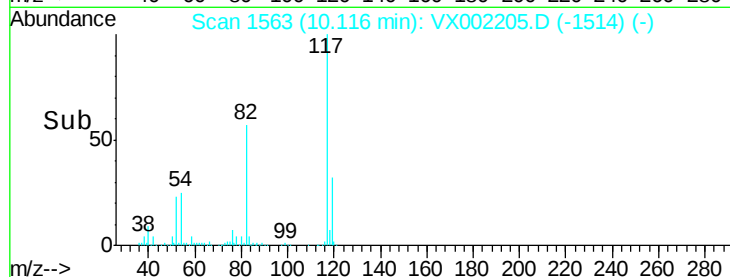
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#64

Tetrachloroethene

Concen: 0.861 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002205.D

Acq: 01 Jun 2018 08:15

Tgt Ion:164 Resp: 4100

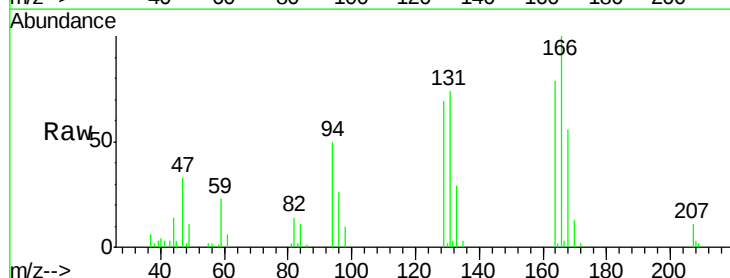
Ion Ratio Lower Upper

164 100

166 126.3 102.7 154.1

129 87.3 70.3 105.5

131 93.7 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

9.34

5000

4000

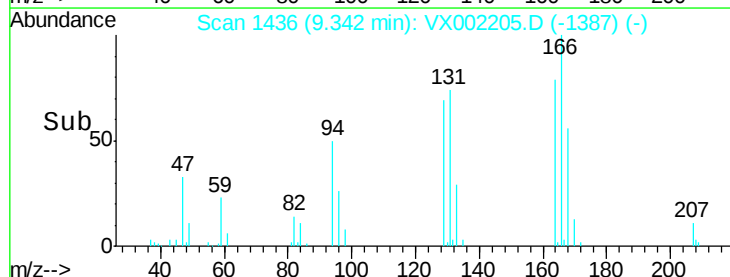
3000

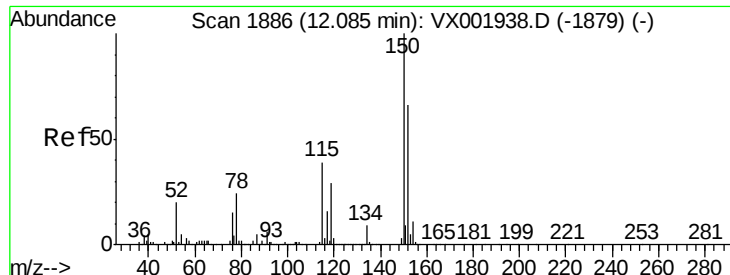
2000

1000

0

Time--> 9.30 9.35 9.40





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002205.D

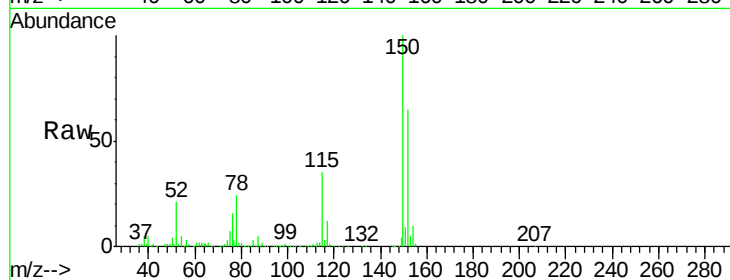
Acq: 01 Jun 2018 08:15

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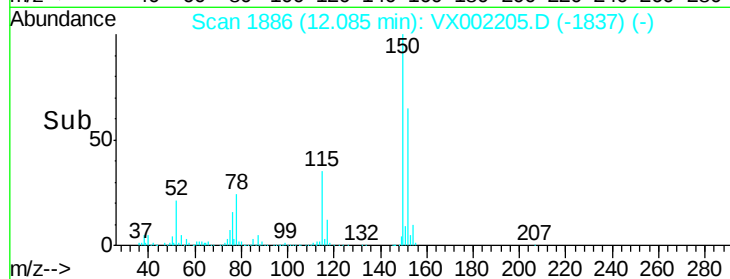
Tot Ion:152 Resp: 185379

Ion Ratio Lower Upper

152 100

115 55.4 42.3 126.8

150 155.1 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

