

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002209.D
 Acq On : 01 Jun 2018 10:02
 Operator : JC/MD
 Sample : J3119-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0463-180522

Quant Time: Jun 01 16:09:38 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

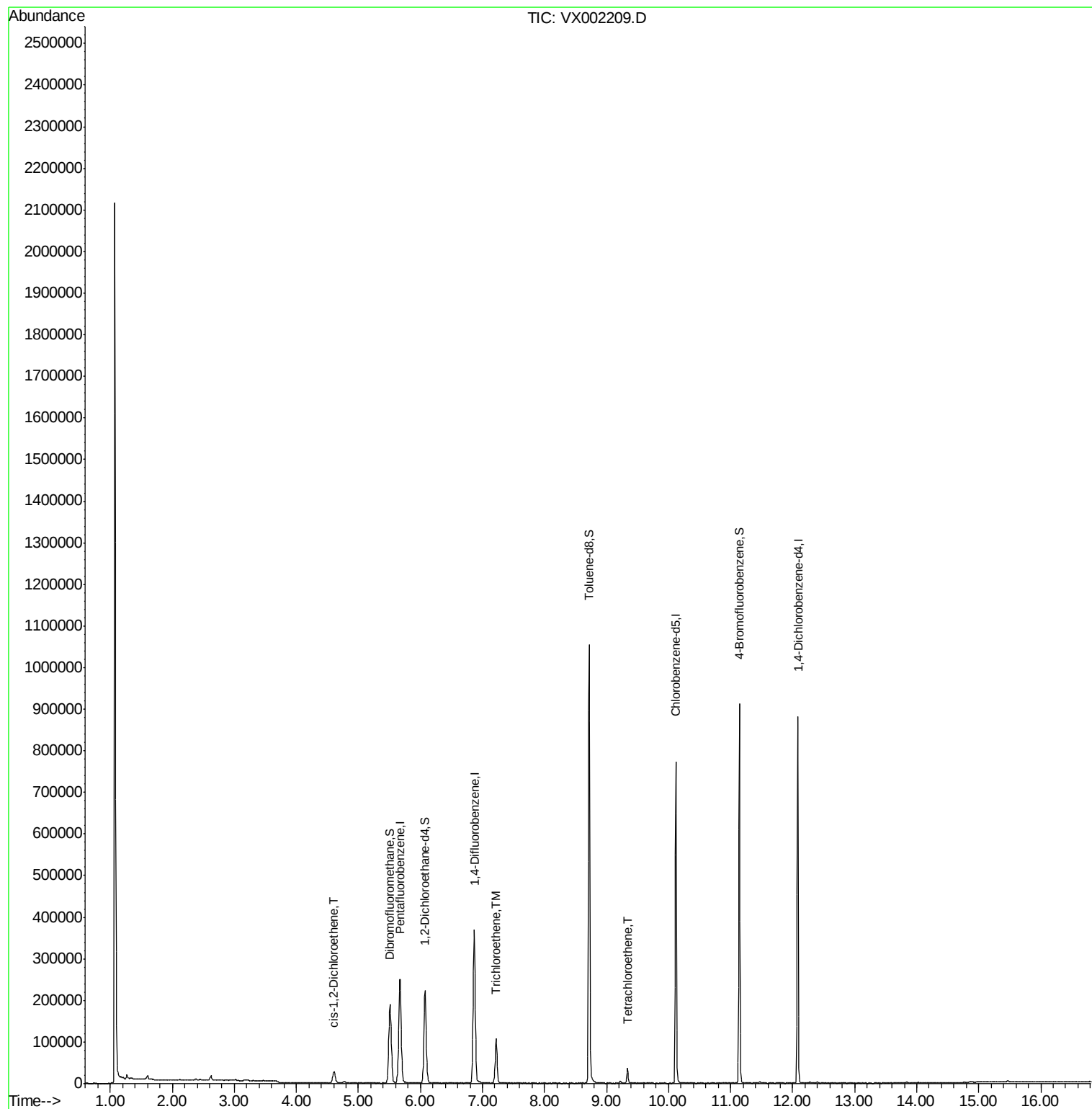
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210189	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
35) Dibromofluoromethane	5.51	113	154678	42.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.16%	
50) Toluene-d8	8.72	98	615185	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	11.14	95	212298	41.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.61	96	15351	4.053	ug/l	84
44) Trichloroethene	7.21	130	41490	9.618	ug/l	99
64) Tetrachloroethene	9.34	164	7139	1.512	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

Lab File: VX002209.D

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MSVOA_X

ClientSampleId :

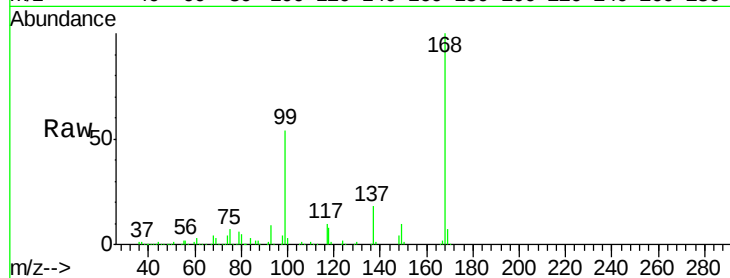
DUP-0463-180522

Tot Ion:168 Resp: 249226

Ion Ratio Lower Upper

168 100

99 54.1 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

80000

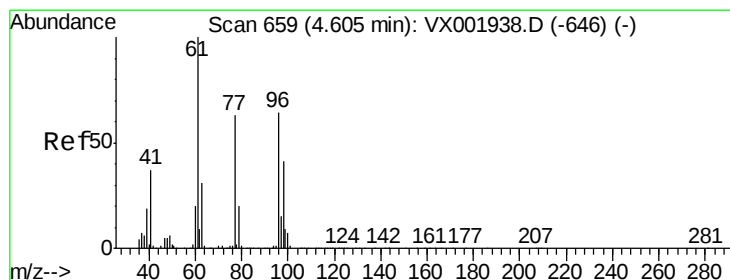
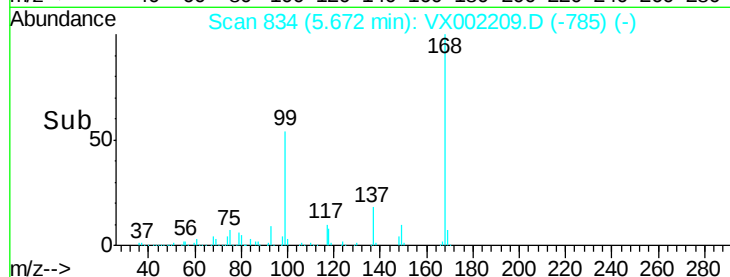
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 4.053 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX002209.D

Acq: 01 Jun 2018 10:02

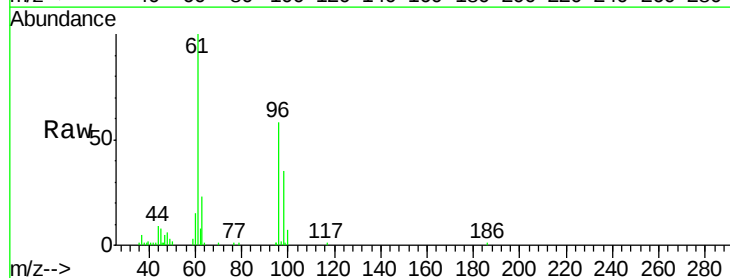
Tgt Ion: 96 Resp: 15351

Ion Ratio Lower Upper

96 100

61 203.3 0.0 348.4

98 62.5 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

4.61

12000

10000

8000

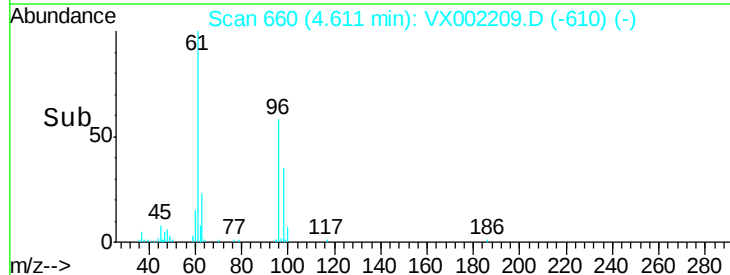
6000

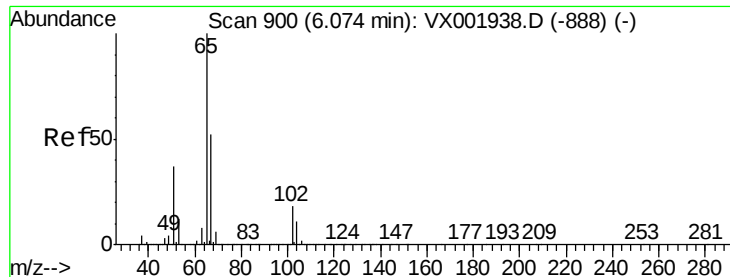
4000

2000

0

Time--> 4.50 4.60 4.70

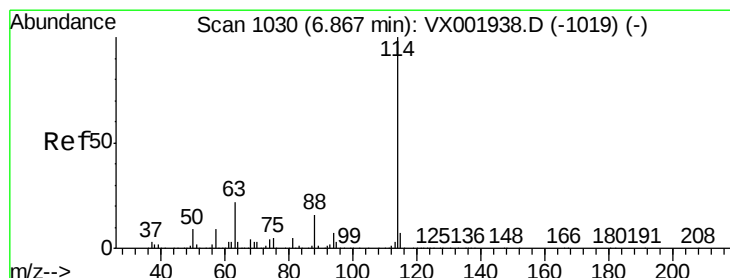
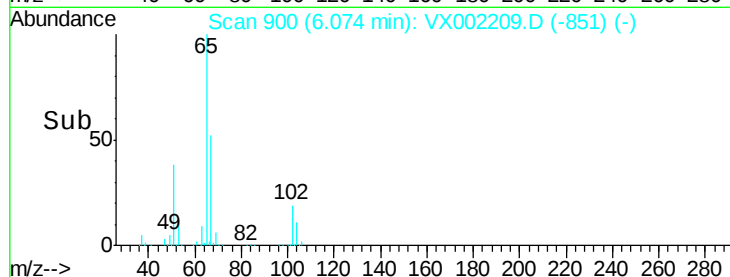
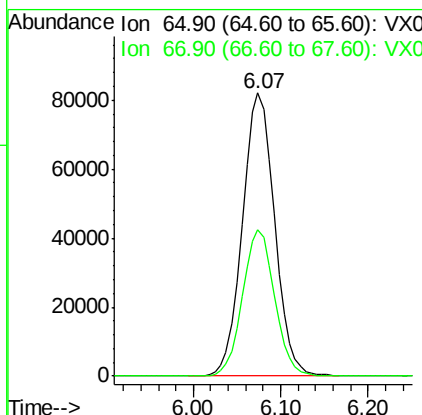
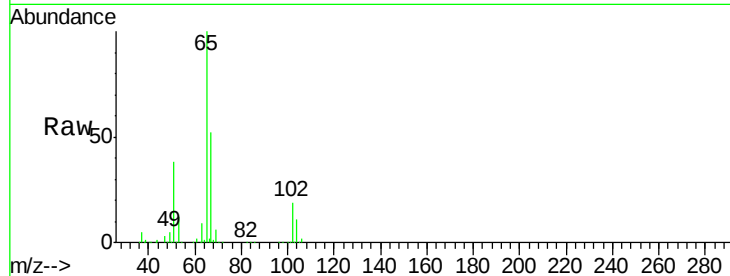




#33
 1,2-Dichloroethane-d4
 Concen: 47.181 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002209.D
 Acq: 01 Jun 2018 10:02

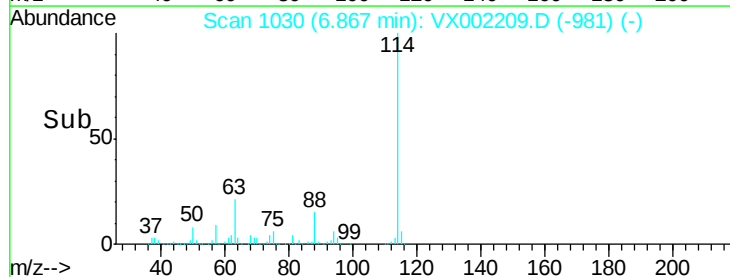
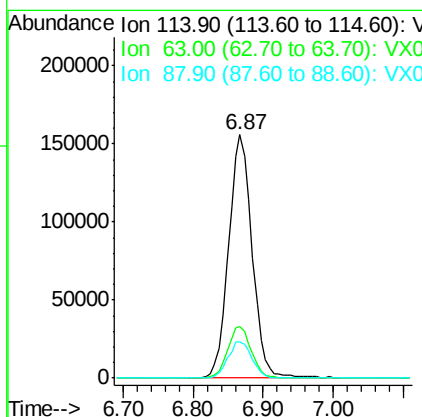
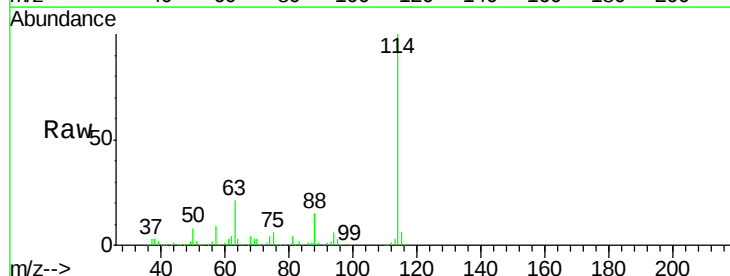
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0463-180522

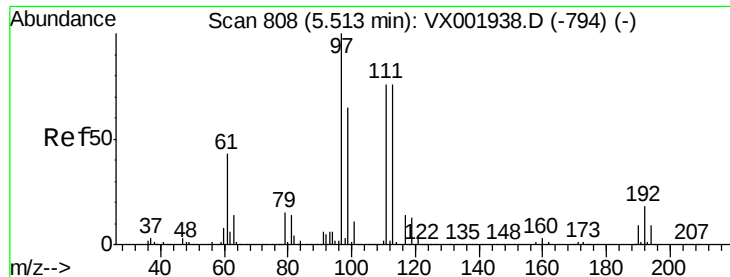
Tot Ion: 65 Resp: 210189
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002209.D
 Acq: 01 Jun 2018 10:02

Tgt Ion: 114 Resp: 363276
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 14.9 0.0 31.6

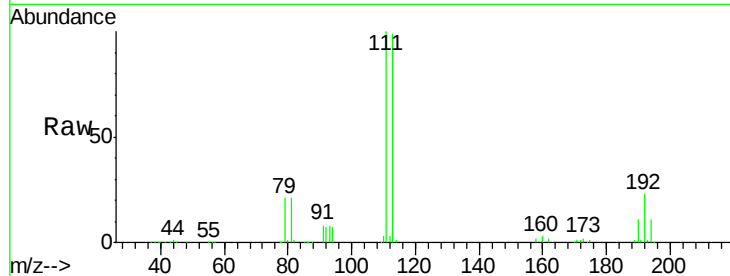




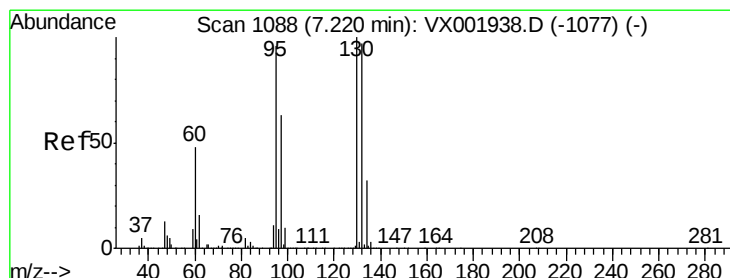
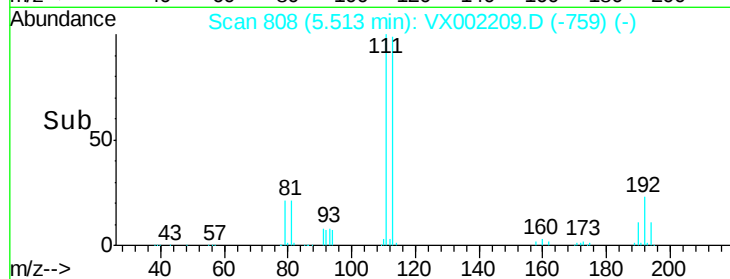
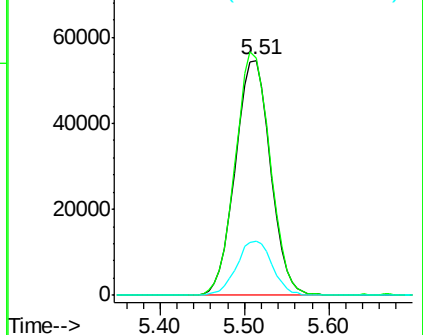
#35
 Dibromofluoromethane
 Concen: 42.579 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX002209.D
 Acq: 01 Jun 2018 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0463-180522

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.3	18.9	28.3

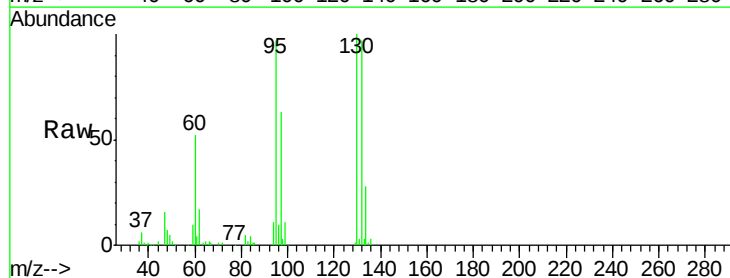


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

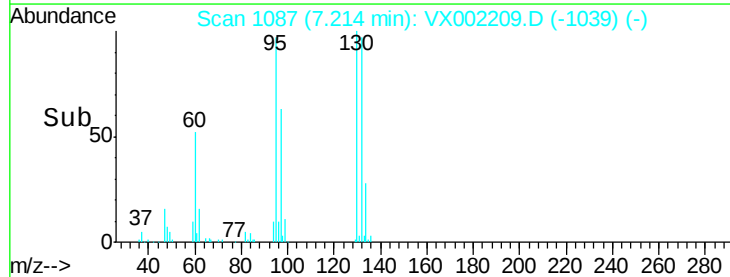
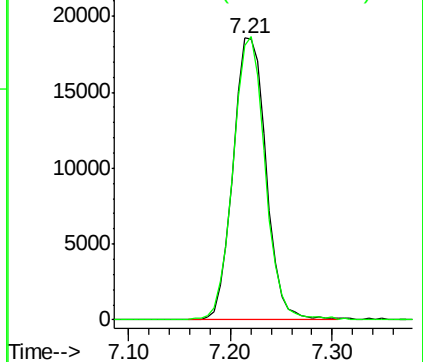


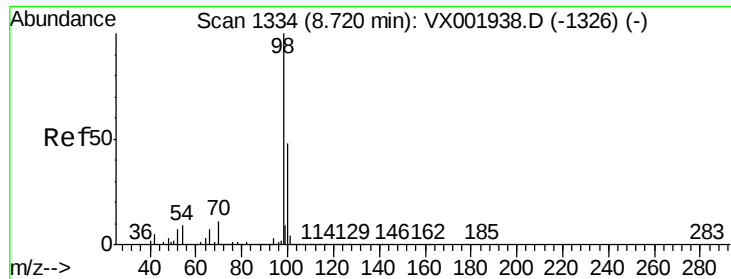
#44
 Trichloroethene
 Concen: 9.618 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002209.D
 Acq: 01 Jun 2018 10:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	192.0



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





#50

Toluene-d8

Concen: 46.775 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002209.D

Acq: 01 Jun 2018 10:02

Instrument :

MSVOA_X

ClientSampleId :

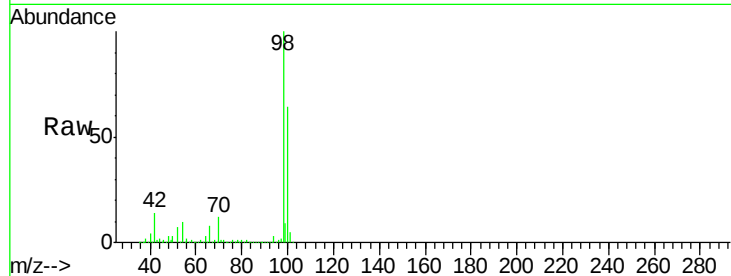
DUP-0463-180522

Tot Ion: 98 Resp: 615185

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX001938.D (-1326) (-)

Ion 100.00 (99.70 to 100.70): VX001938.D (-1326) (-)

8.72

400000

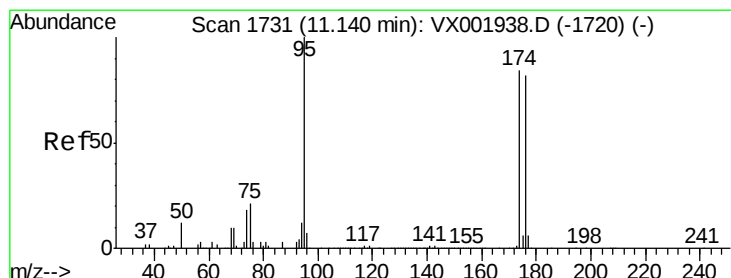
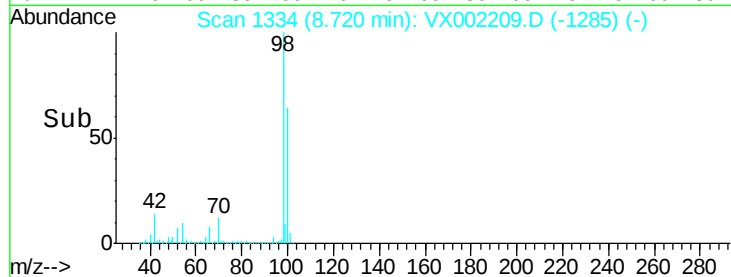
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.257 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002209.D

Acq: 01 Jun 2018 10:02

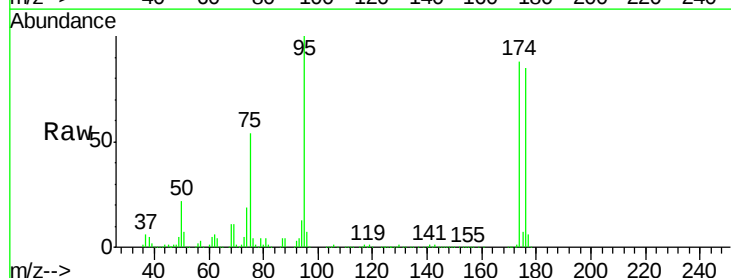
Tgt Ion: 95 Resp: 212298

Ion Ratio Lower Upper

95 100

174 92.5 0.0 178.8

176 90.3 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)

Ion 173.80 (173.50 to 174.50): VX001938.D (-1720) (-)

Ion 175.80 (175.50 to 176.50): VX001938.D (-1720) (-)

200000

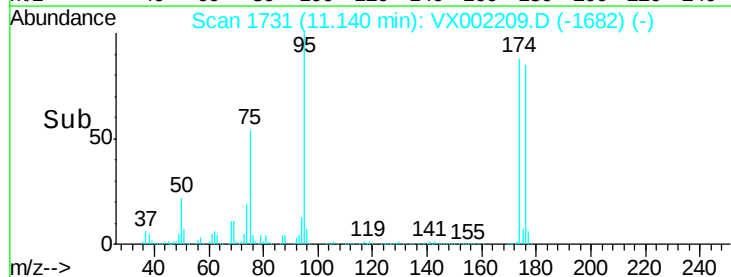
150000

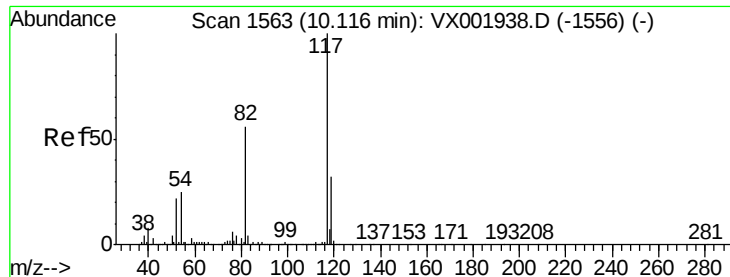
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002209.D

Acq: 01 Jun 2018 10:02

Instrument :

MSVOA_X

ClientSampleId :

DUP-0463-180522

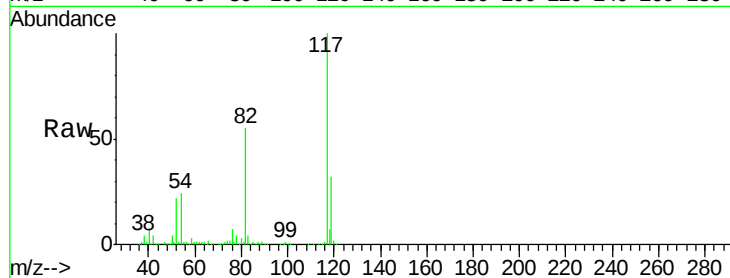
Tot Ion:117 Resp: 329229

Ion Ratio Lower Upper

117 100

82 55.4 44.8 67.2

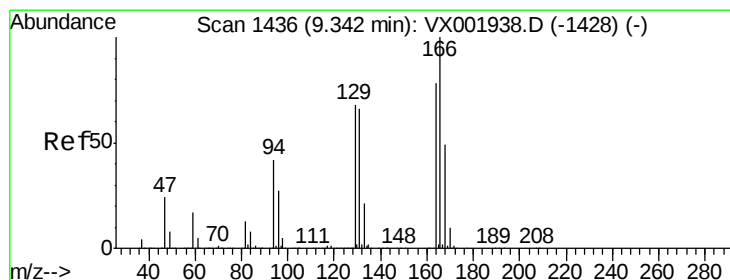
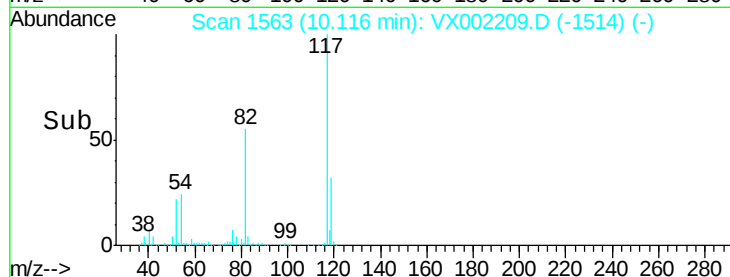
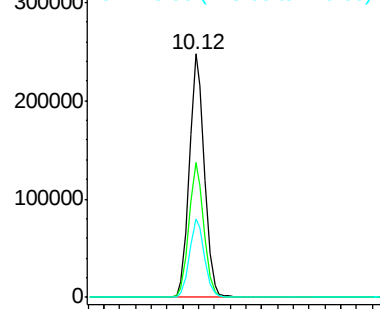
119 32.3 25.5 38.3



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



#64

Tetrachloroethene

Concen: 1.512 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002209.D

Acq: 01 Jun 2018 10:02

Tgt Ion:164 Resp: 7139

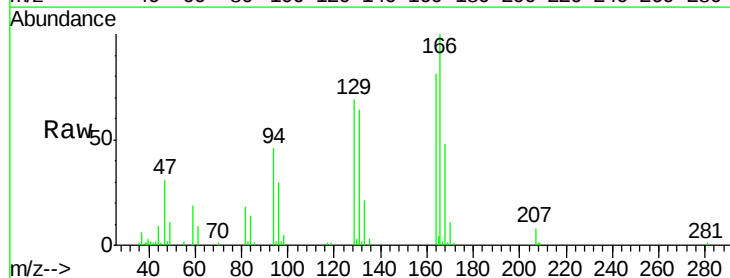
Ion Ratio Lower Upper

164 100

166 124.0 102.7 154.1

129 85.2 70.3 105.5

131 79.1 68.2 102.4

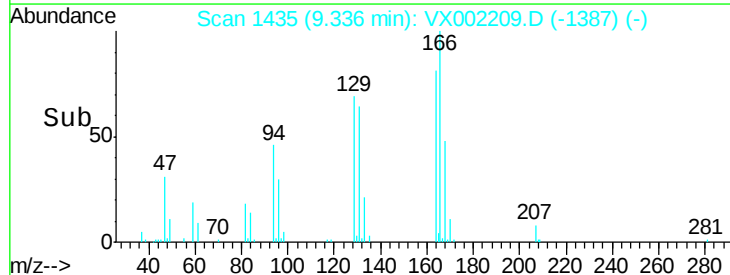
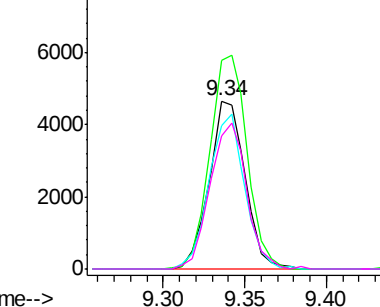


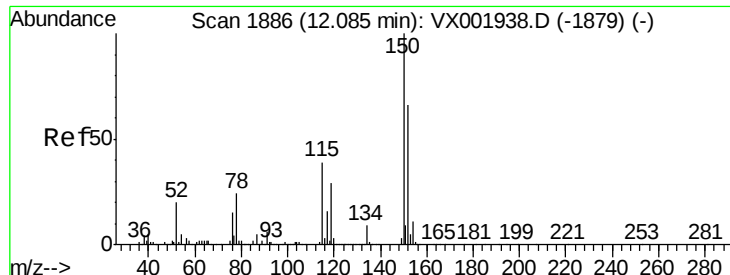
Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002209.D

Acq: 01 Jun 2018 10:02

Instrument :

MSVOA_X

ClientSampleId :

DUP-0463-180522

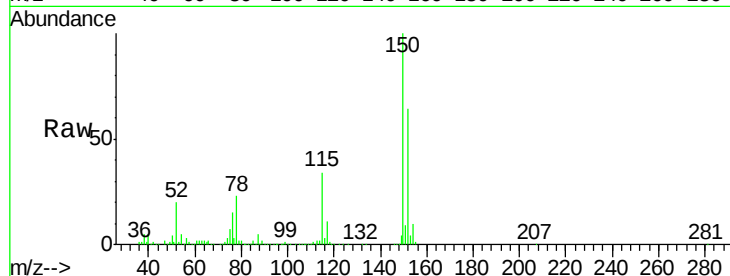
Tot Ion:152 Resp: 180743

Ion Ratio Lower Upper

152 100

115 55.4 42.3 126.8

150 157.3 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

