

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002245.D
 Acq On : 02 Jun 2018 17:50
 Operator : JC/MD
 Sample : J3119-15RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0462-180522RE

Quant Time: Jun 04 06:45:58 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

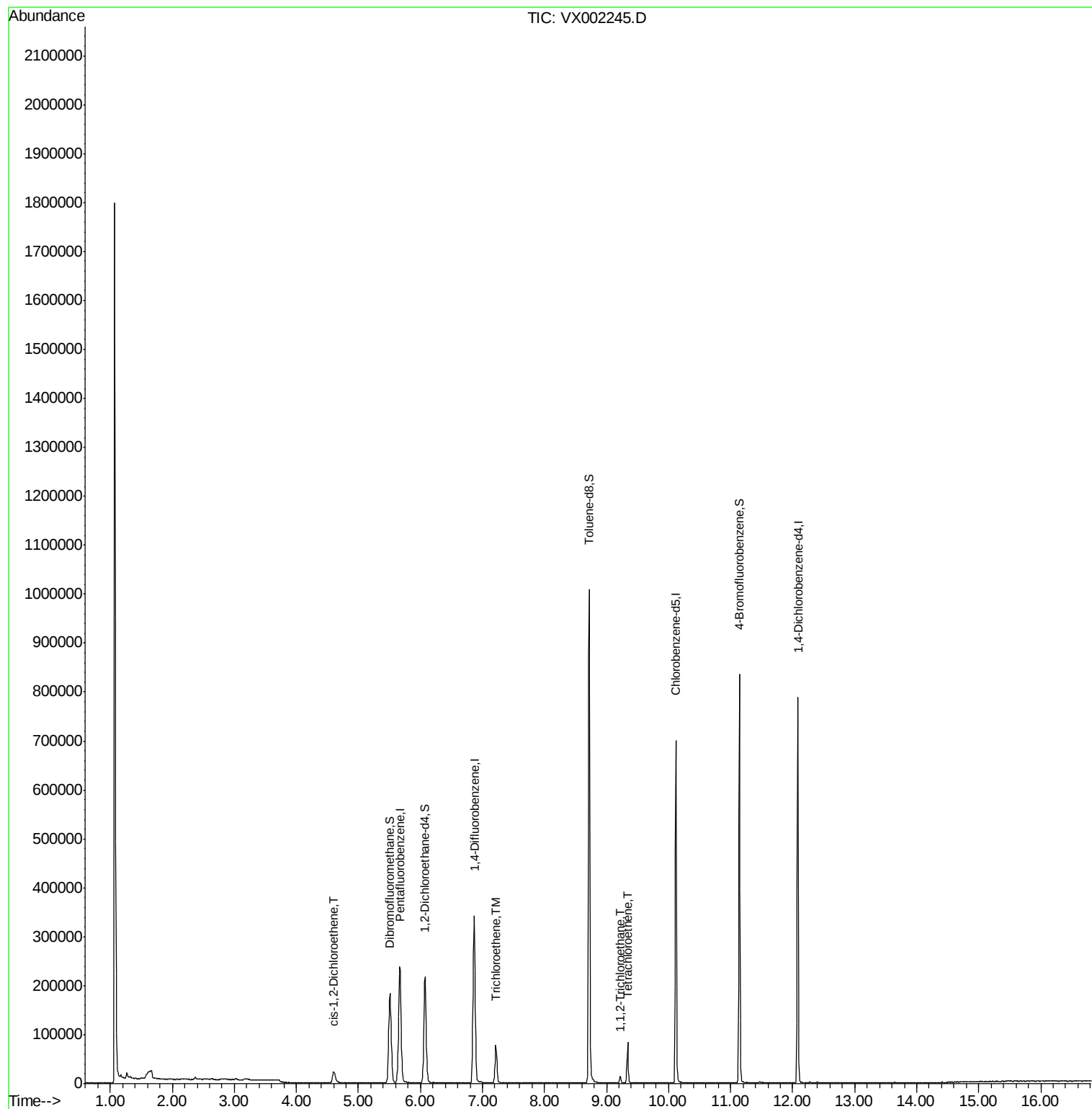
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	205553	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
35) Dibromofluoromethane	5.51	113	148223	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
50) Toluene-d8	8.72	98	592121	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	201199	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.42%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	13084	3.590	ug/l	66
44) Trichloroethene	7.21	130	29120	7.287	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	3214	0.882	ug/l #	86
64) Tetrachloroethene	9.34	164	16086	3.740	ug/l	94

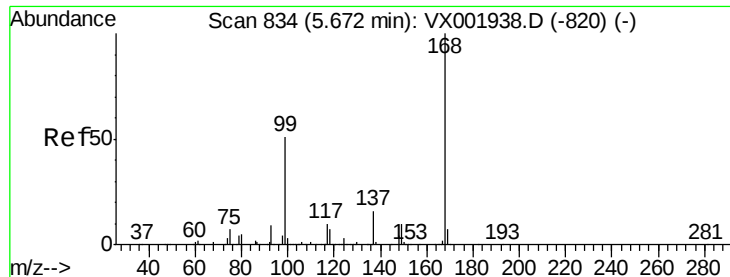
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 834

Delta R.T. 0.00 min

Lab File: VX002245.D

Acq: 02 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

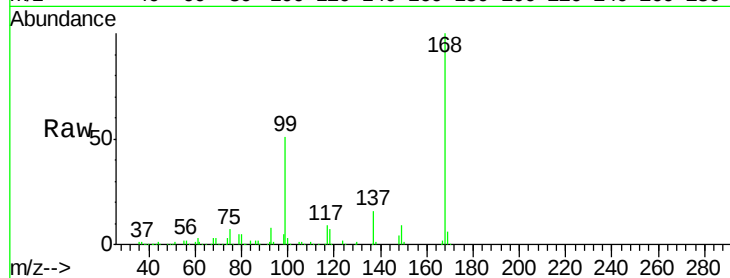
DUP-0462-180522RE

Tot Ion:168 Resp: 239794

Ion Ratio Lower Upper

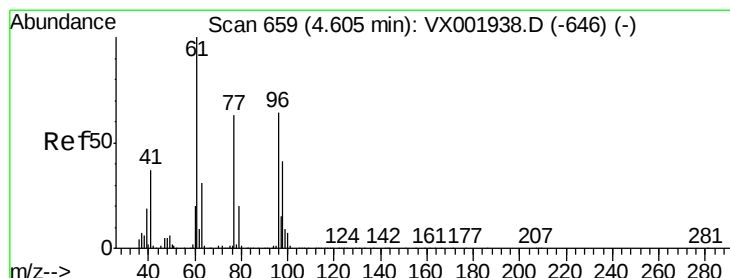
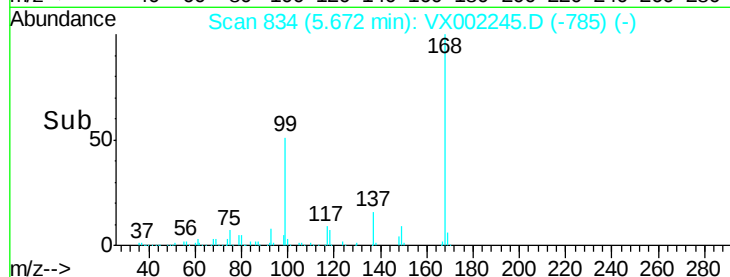
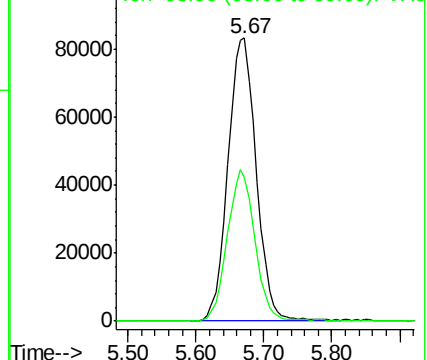
168 100

99 51.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.590 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002245.D

Acq: 02 Jun 2018 17:50

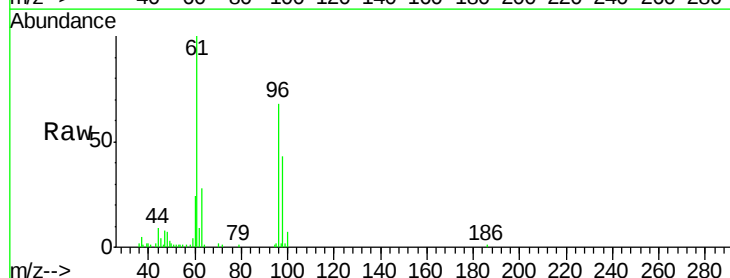
Tgt Ion: 96 Resp: 13084

Ion Ratio Lower Upper

96 100

61 237.3 0.0 348.4

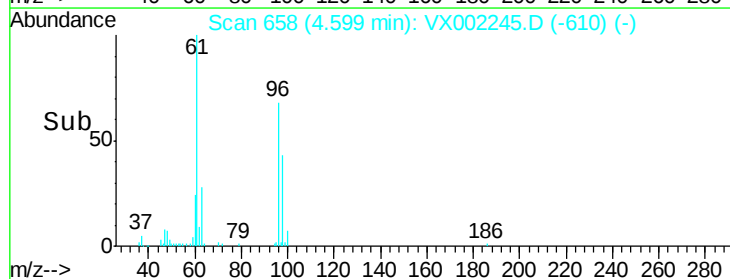
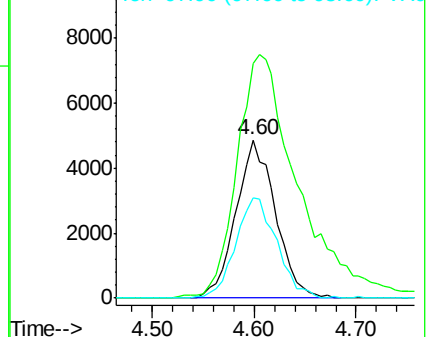
98 65.7 0.0 128.6

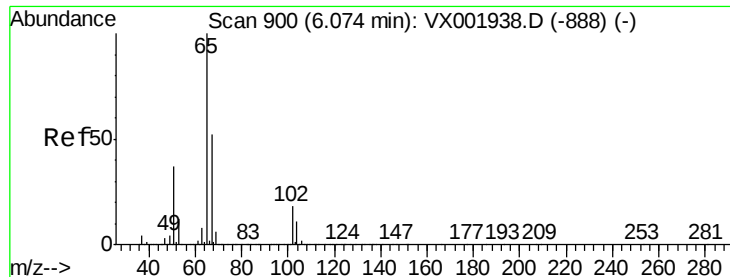


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.956 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002245.D

Acq: 02 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

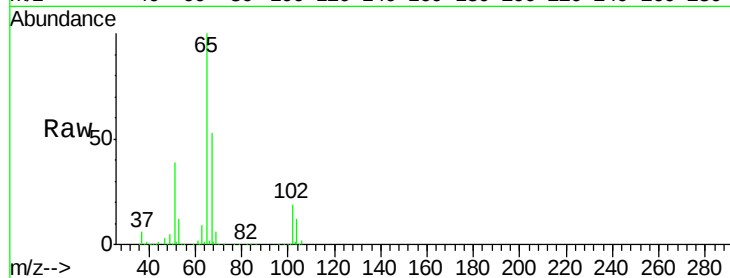
DUP-0462-180522RE

Tot Ion: 65 Resp: 205553

Ion Ratio Lower Upper

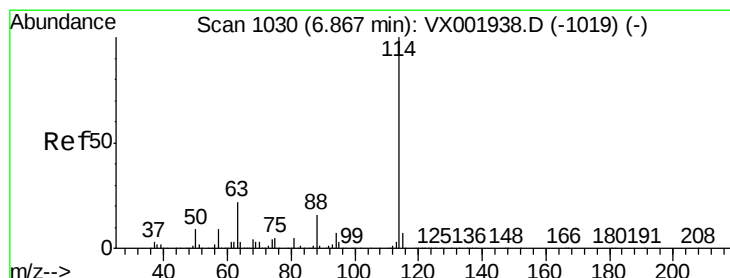
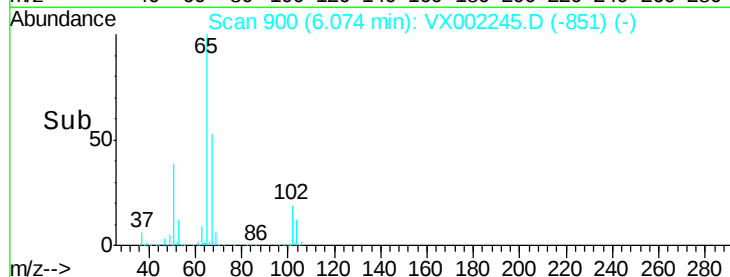
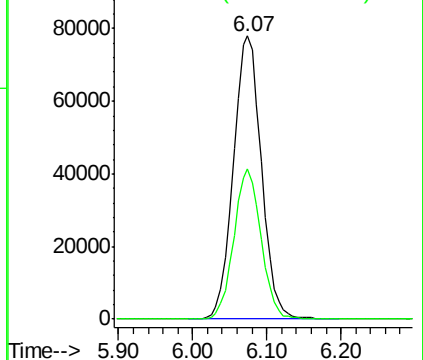
65 100

67 51.7 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: VX002245.D

Acq: 02 Jun 2018 17:50

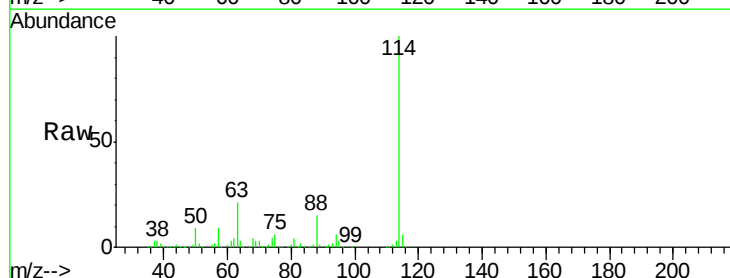
Tgt Ion: 114 Resp: 336514

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

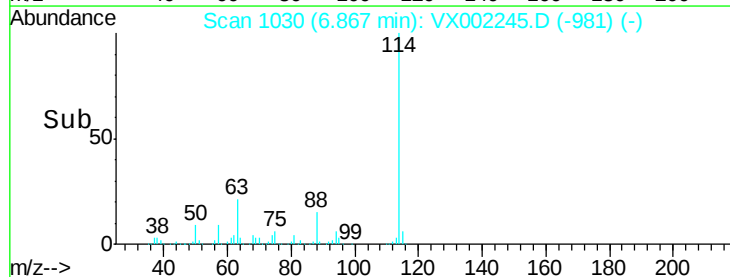
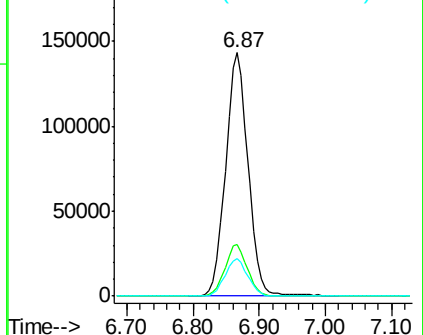
88 15.4 0.0 31.6

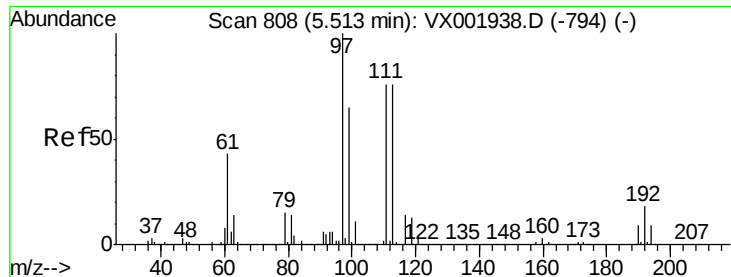


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

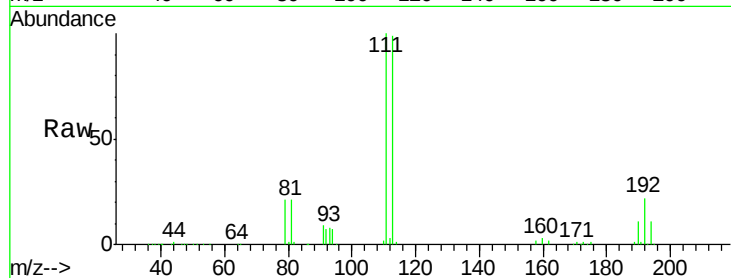




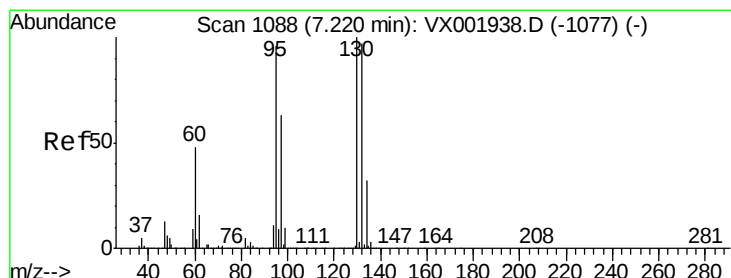
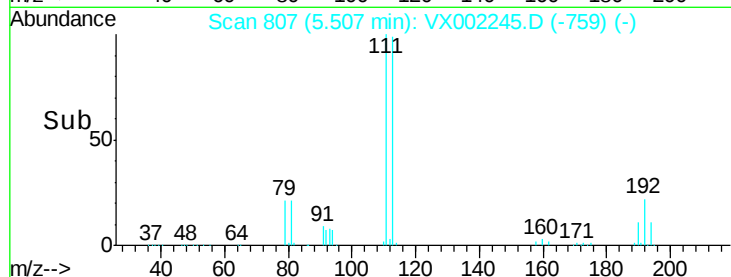
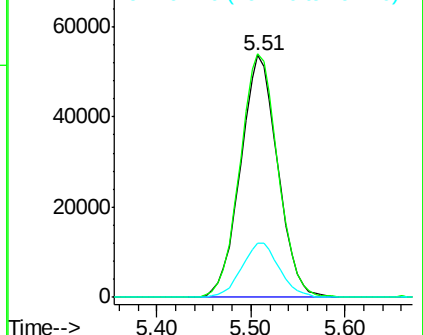
#35
 Dibromofluoromethane
 Concen: 44.046 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002245.D
 Acq: 02 Jun 2018 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0462-180522RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	22.9	18.9	28.3

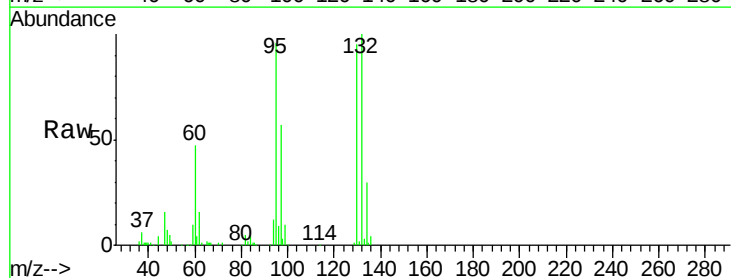


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

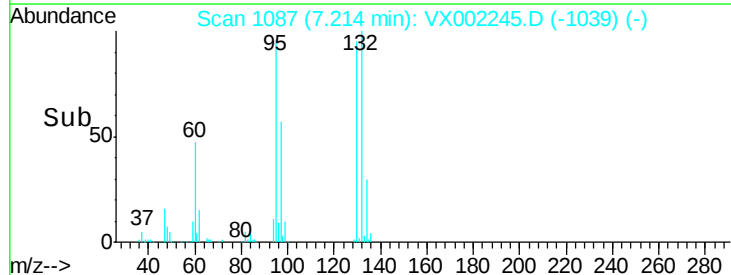
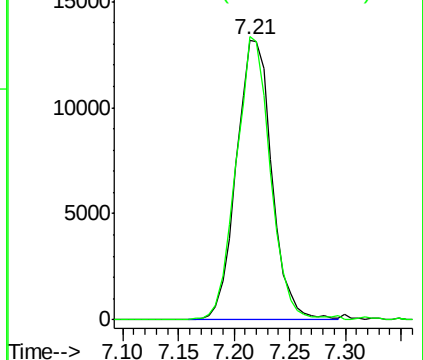


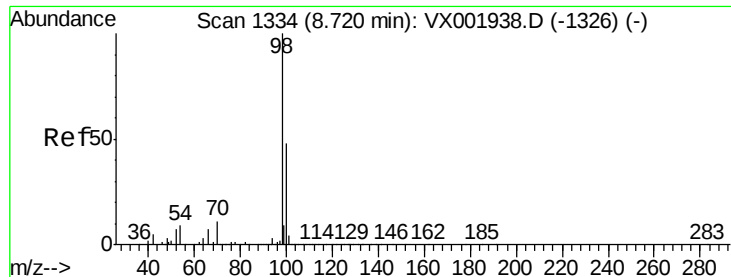
#44
 Trichloroethene
 Concen: 7.287 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002245.D
 Acq: 02 Jun 2018 17:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	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: 48.602 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002245.D

Acq: 02 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

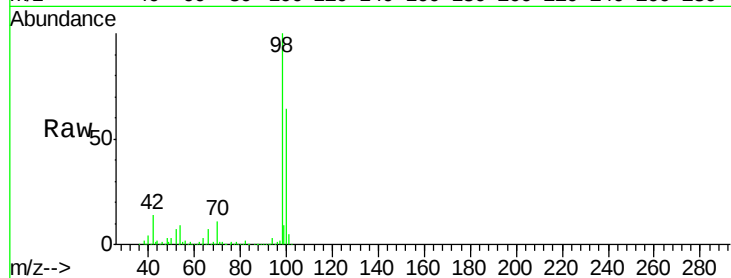
DUP-0462-180522RE

Tot Ion: 98 Resp: 592121

Ion Ratio Lower Upper

98 100

100 63.2 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

400000

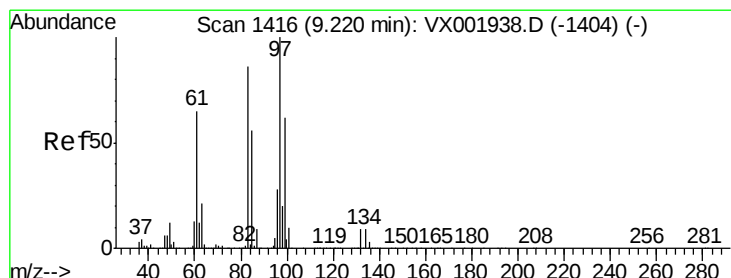
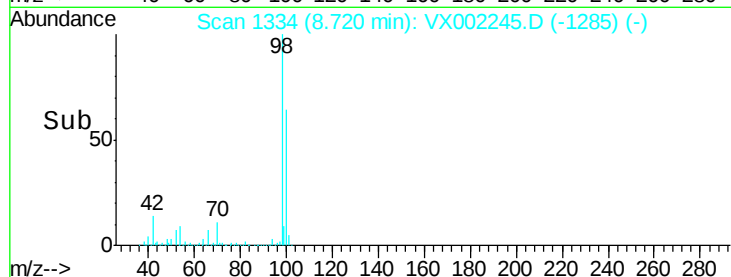
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#55

1,1,2-Trichloroethane

Concen: 0.882 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX002245.D

Acq: 02 Jun 2018 17:50

Tgt Ion: 97 Resp: 3214

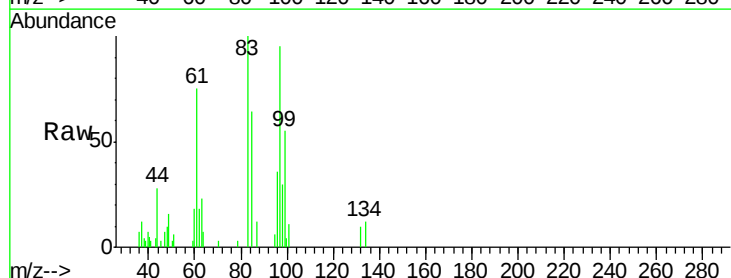
Ion Ratio Lower Upper

97 100

83 105.5 69.1 103.7#

85 67.1 45.2 67.8

99 57.7 49.6 74.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

3000

2500

2000

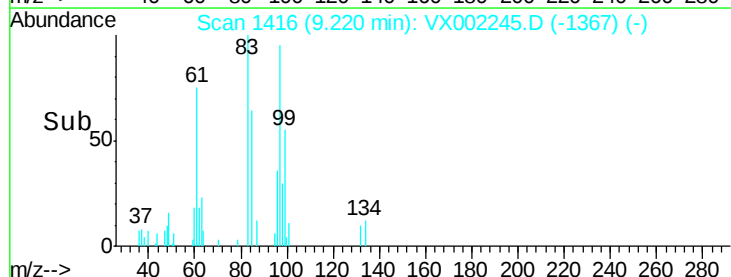
1500

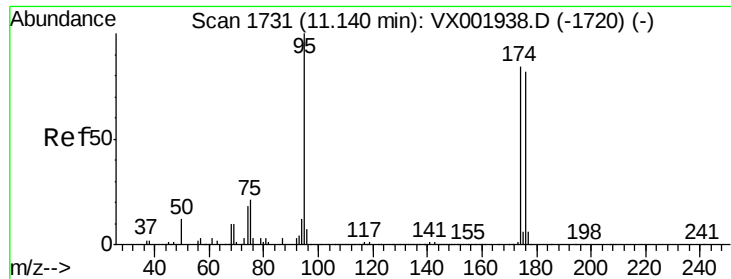
1000

500

0

Time--> 9.15 9.20 9.25





#62

4-Bromofluorobenzene

Concen: 42.209 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002245.D

Acq: 02 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

DUP-0462-180522RE

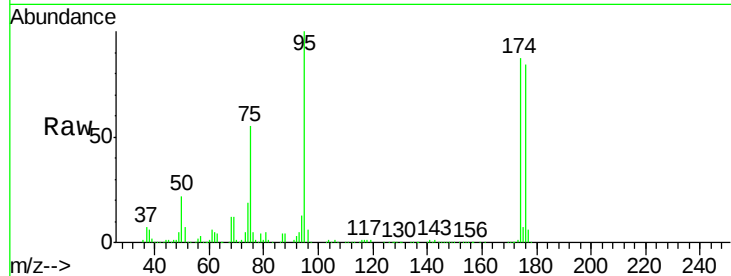
Tot Ion: 95 Resp: 201199

Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.8

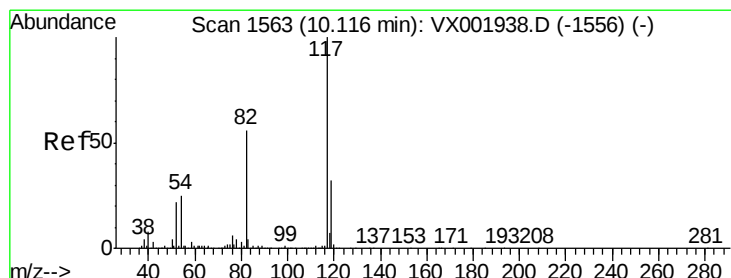
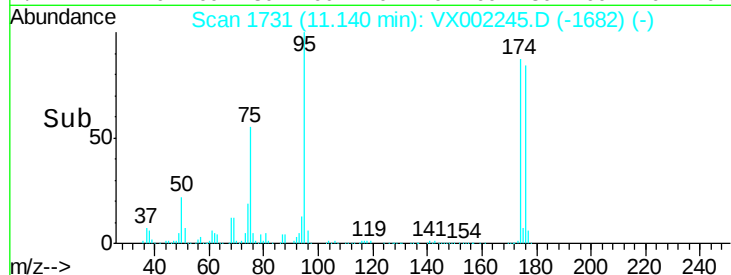
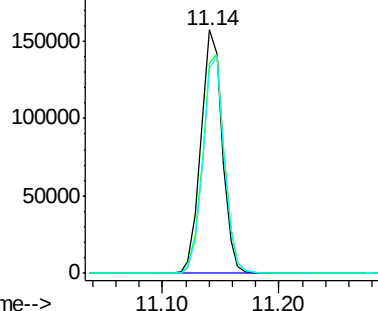
176 89.2 0.0 175.6



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: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002245.D

Acq: 02 Jun 2018 17:50

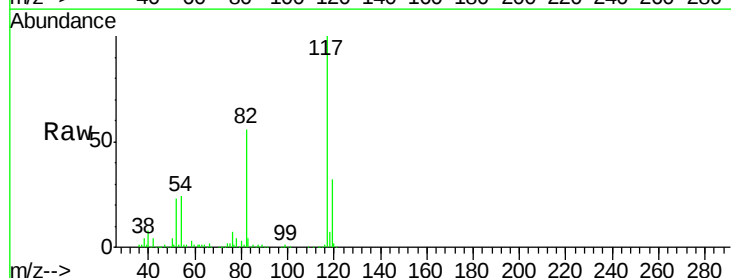
Tgt Ion: 117 Resp: 299971

Ion Ratio Lower Upper

117 100

82 56.1 44.8 67.2

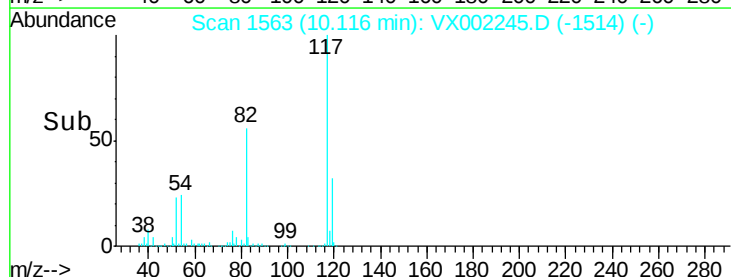
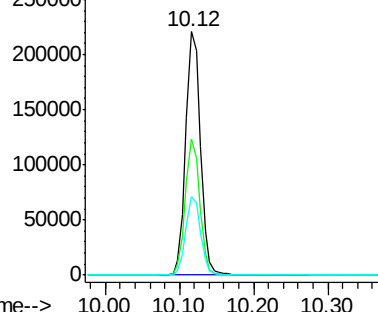
119 32.5 25.5 38.3

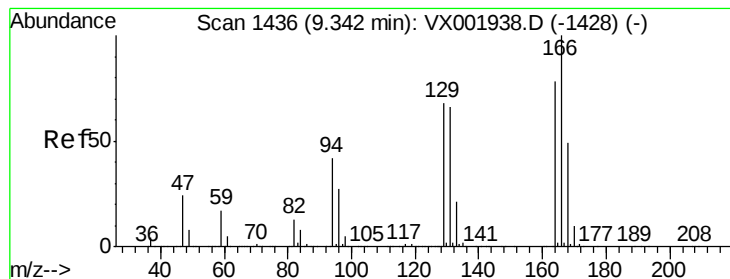


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 3.740 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002245.D

Acq: 02 Jun 2018 17:50

Instrument :

MSVOA_X

ClientSampleId :

DUP-0462-180522RE

Tot Ion:164 Resp: 16086

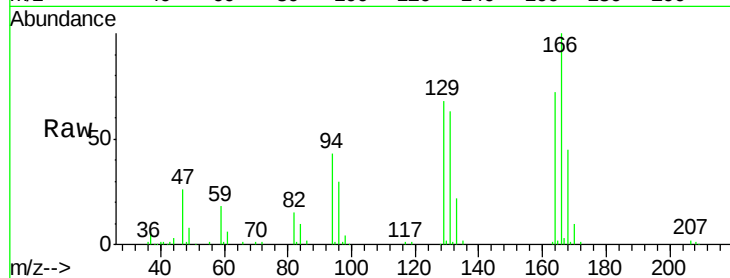
Ion Ratio Lower Upper

164 100

166 138.0 102.7 154.1

129 94.2 70.3 105.5

131 86.5 68.2 102.4

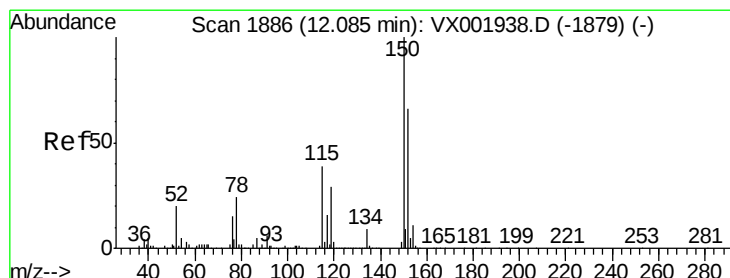
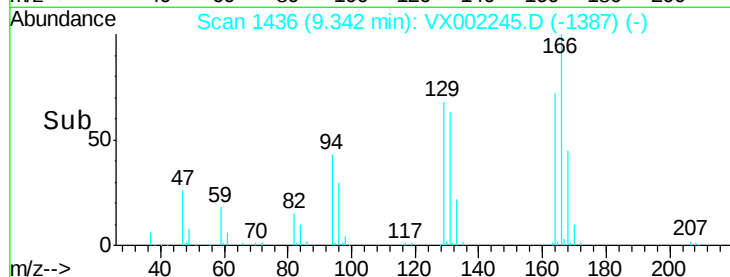
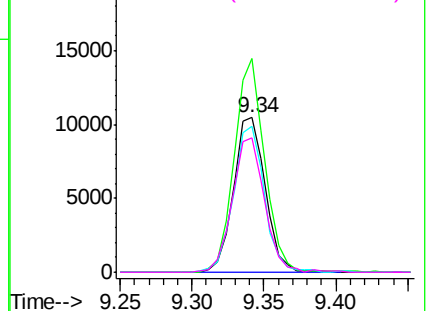


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX002245.D

Acq: 02 Jun 2018 17:50

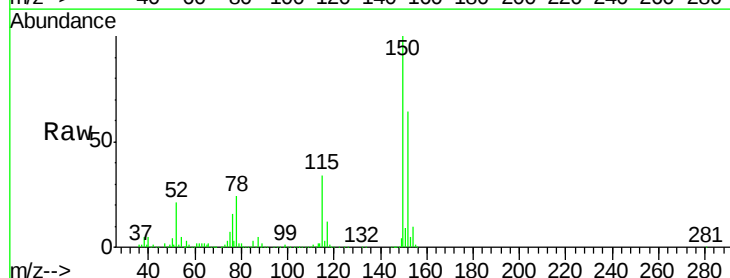
Tgt Ion:152 Resp: 163172

Ion Ratio Lower Upper

152 100

115 55.3 42.3 126.8

150 156.7 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

