

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009538.D
 Acq On : 13 May 2019 13:12
 Operator : JC/SP
 Sample : K2799-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: May 14 04:04:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

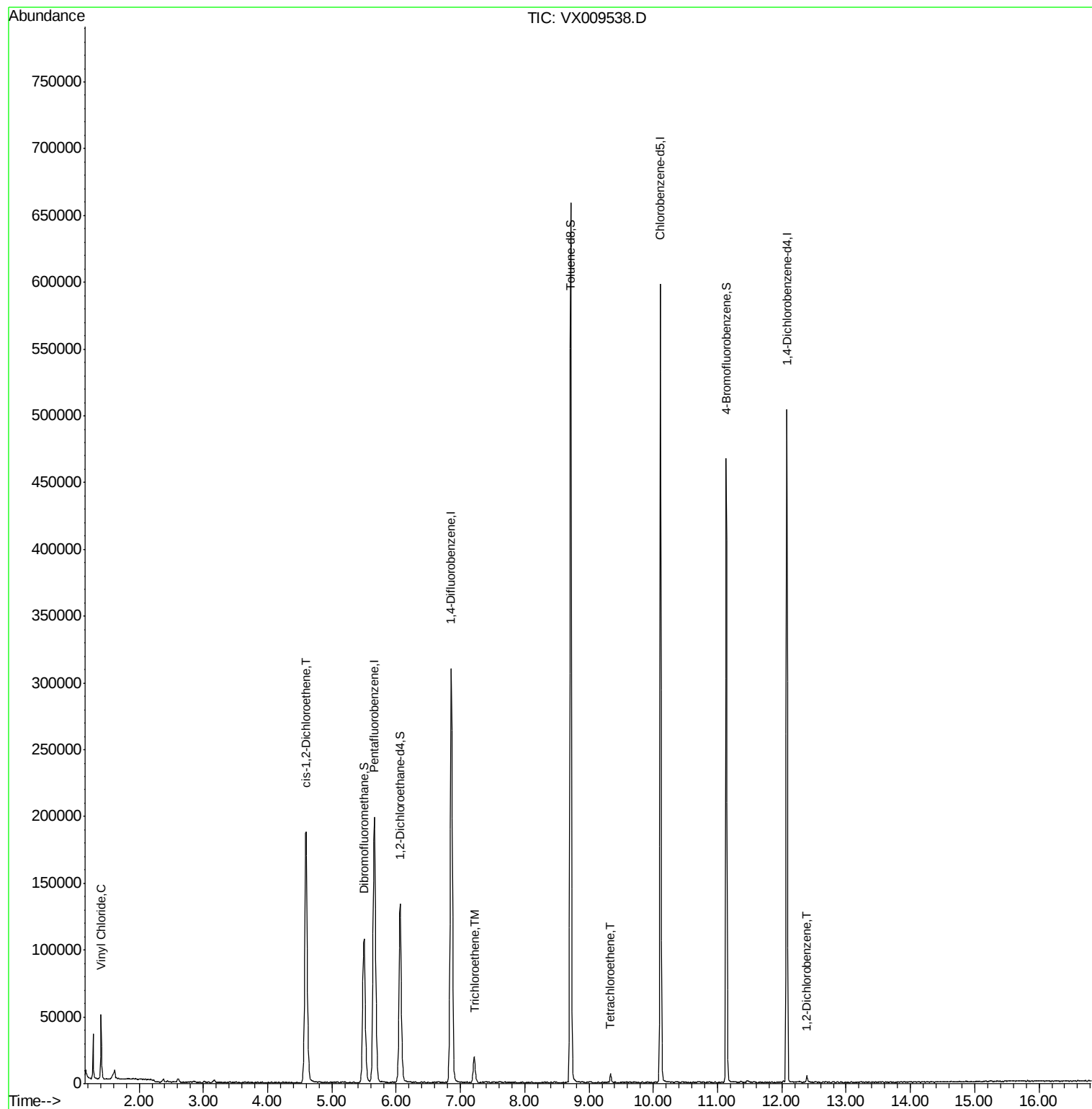
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124516	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
35) Dibromofluoromethane	5.50	113	93070	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	8.71	98	383266	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.13	95	120404	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.12%	
Target Compounds						
4) Vinyl Chloride	1.41	62	33851	14.115	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	119649	50.393	ug/l	88
44) Trichloroethene	7.21	130	7333	3.438	ug/l	88
64) Tetrachloroethene	9.34	164	1160	0.646	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	1583	0.467	ug/l	97

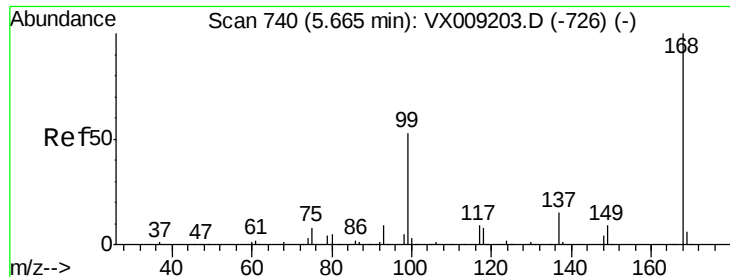
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009538.D

Acq: 13 May 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

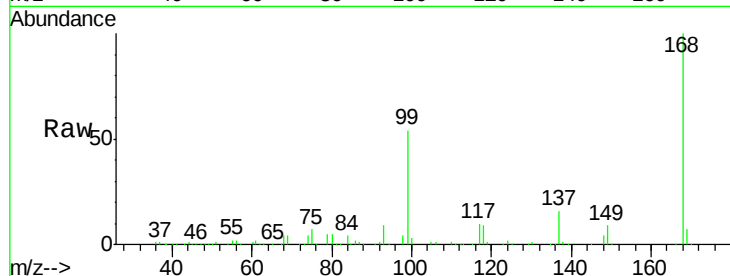
MW-3DL

Tot Ion:168 Resp: 195482

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

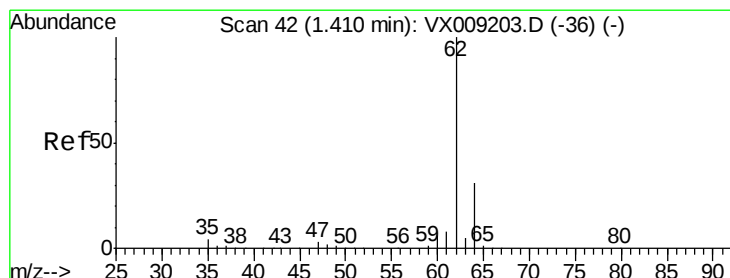
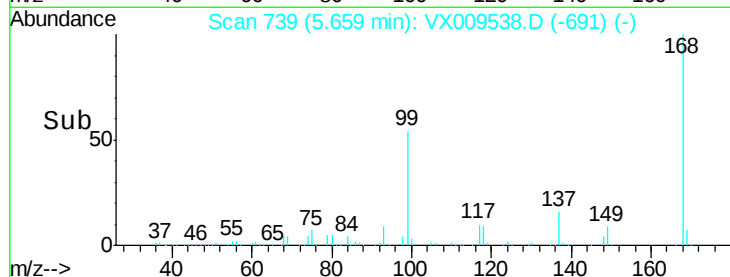
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 14.115 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009538.D

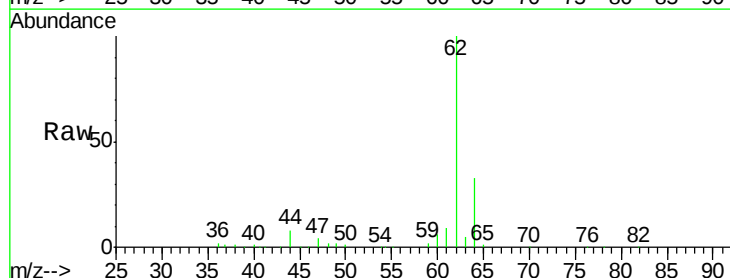
Acq: 13 May 2019 13:12

Tgt Ion: 62 Resp: 33851

Ion Ratio Lower Upper

62 100

64 33.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

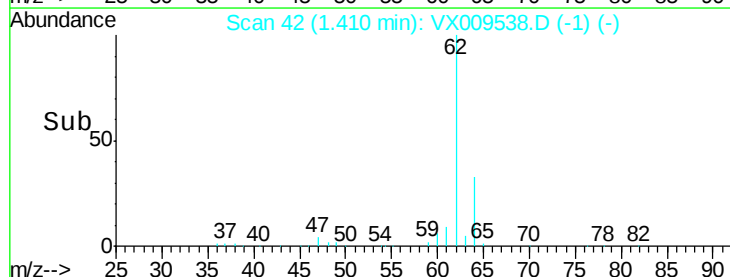
30000

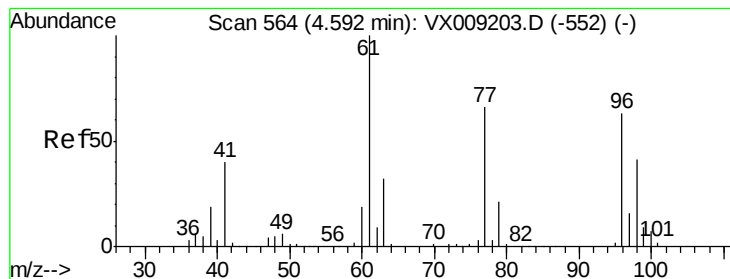
20000

10000

0

Time--> 1.35 1.40 1.45 1.50



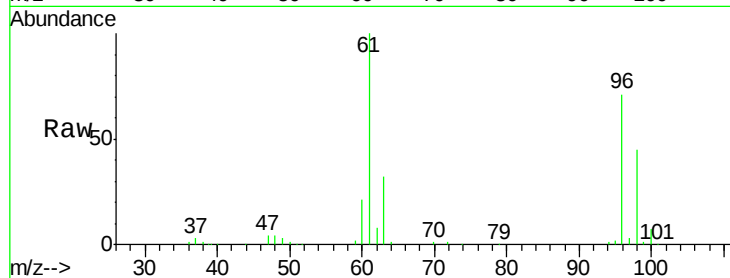


#27

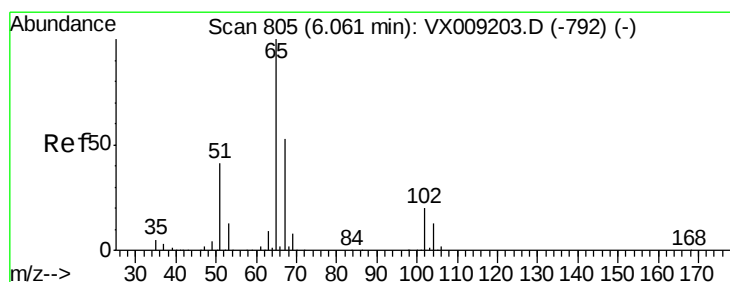
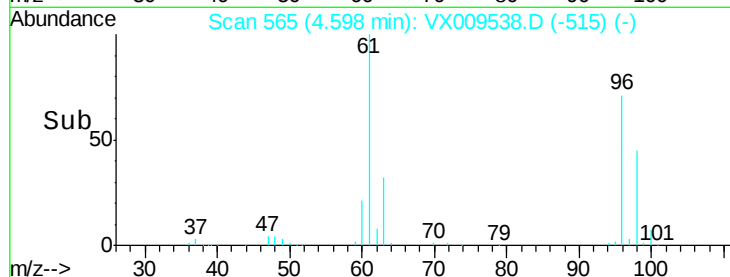
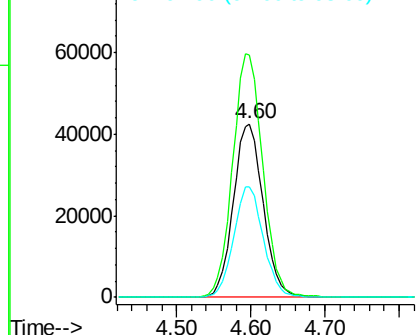
cis-1,2-Dichloroethene
Concen: 50.393 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009538.D
Acq: 13 May 2019 13:12

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	324.0
98	63.3	0.0	130.4



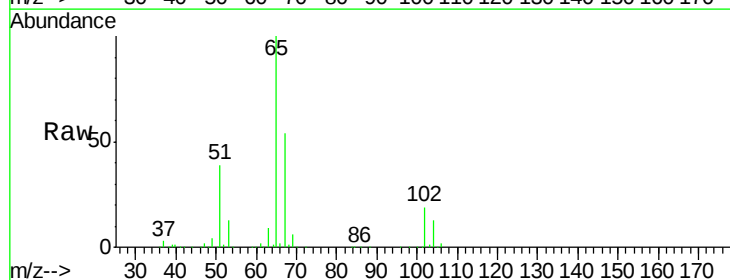
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



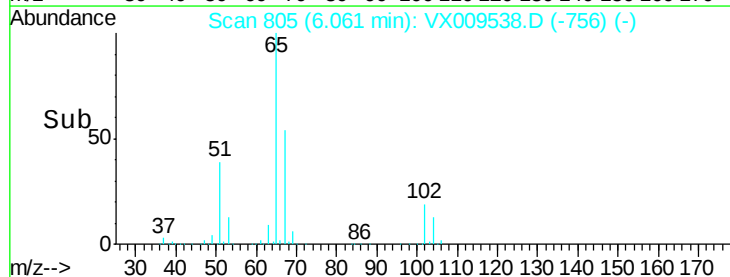
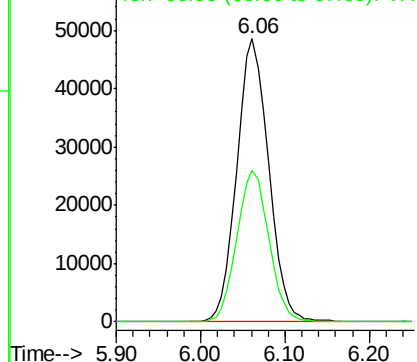
#33

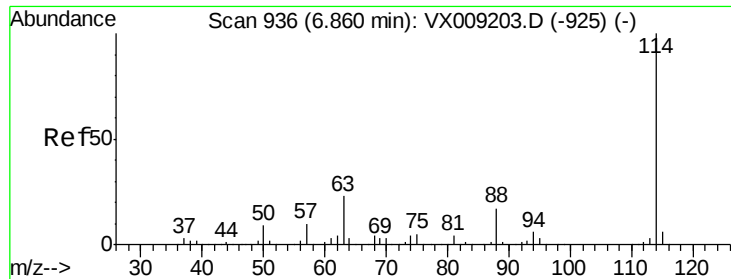
1,2-Dichloroethane-d4
Concen: 46.660 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009538.D
Acq: 13 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.6



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

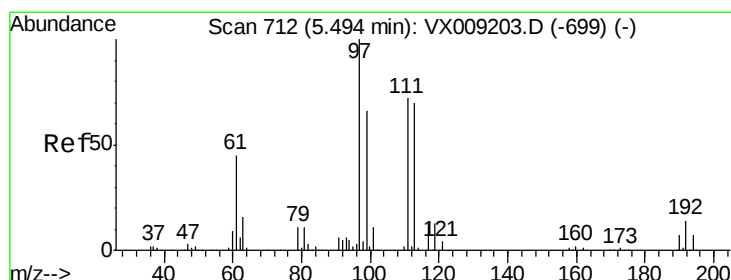
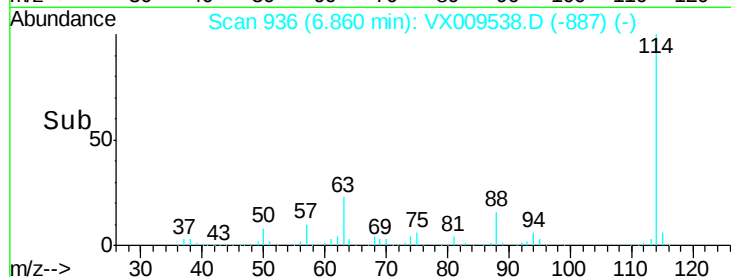
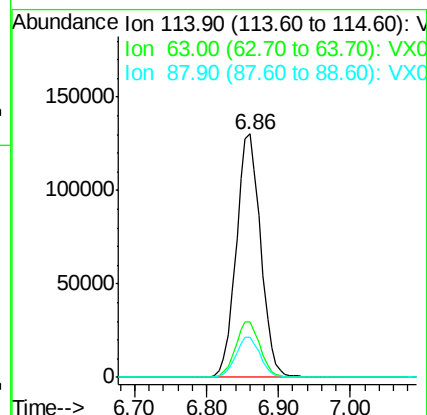
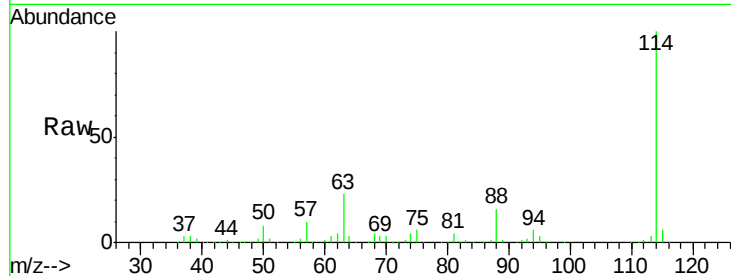




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009538.D
Acq: 13 May 2019 13:12

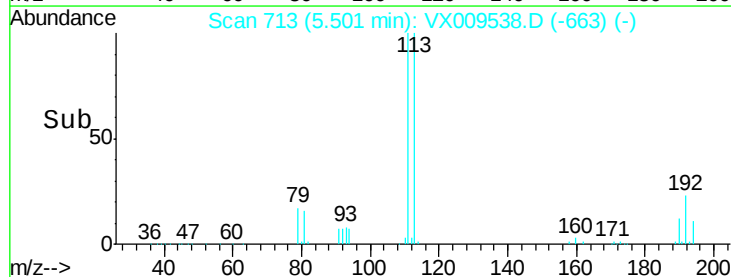
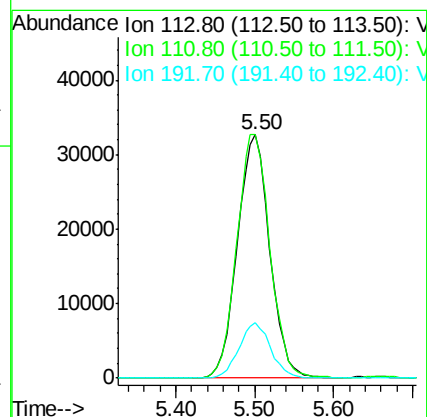
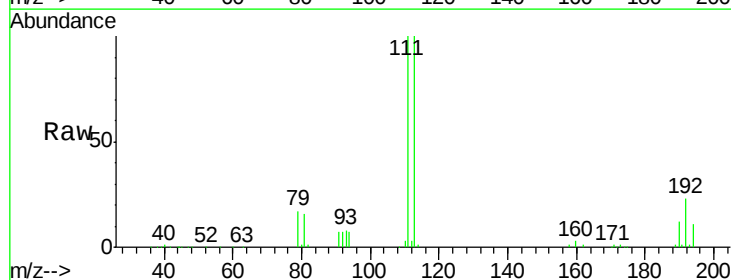
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

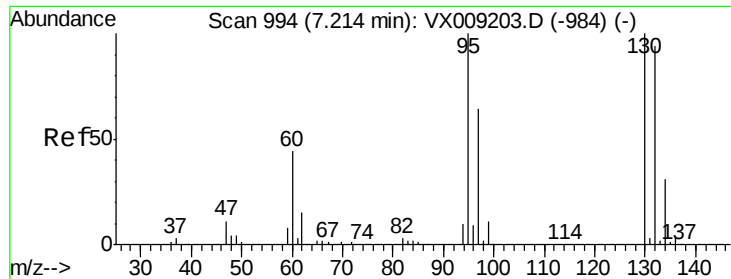
Tot Ion:114 Resp: 306775
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.6
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.260 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009538.D
Acq: 13 May 2019 13:12

Tgt Ion:113 Resp: 93070
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 22.4 17.0 25.6

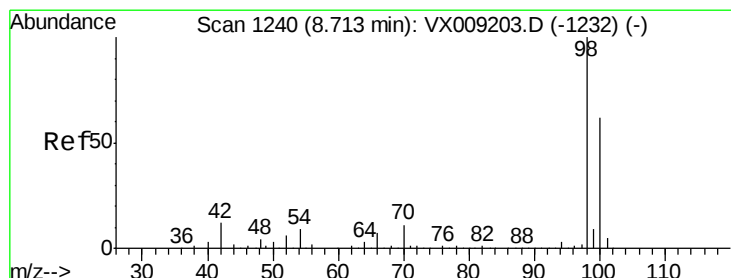
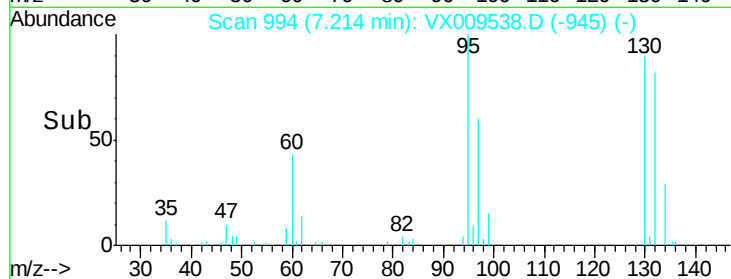
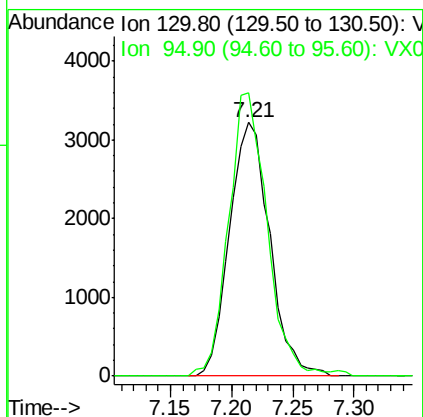
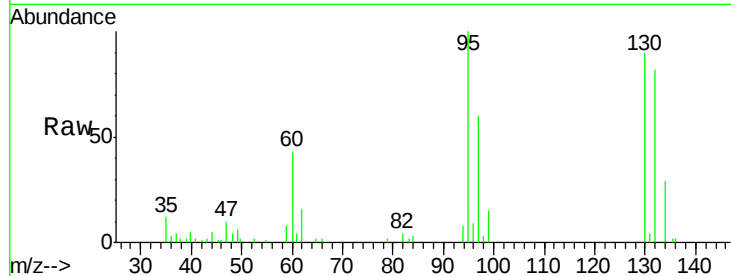




#44
 Trichloroethene
 Concen: 3.438 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009538.D
 Acq: 13 May 2019 13:12

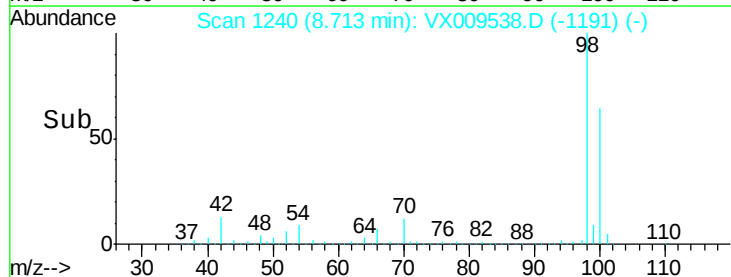
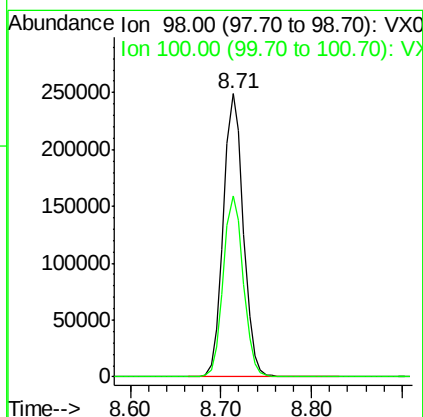
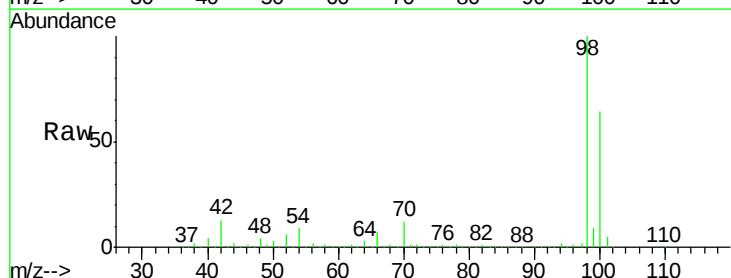
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

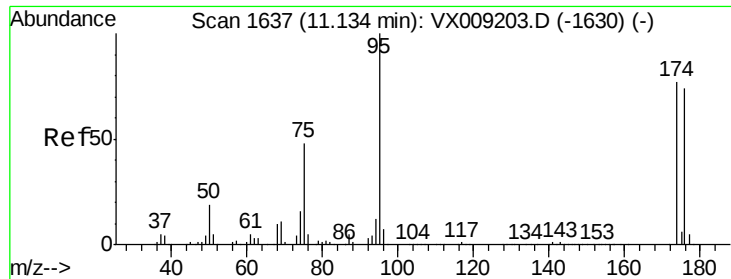
Tot Ion:130 Resp: 7333
 Ion Ratio Lower Upper
 130 100
 95 111.5 0.0 199.2



#50
 Toluene-d8
 Concen: 49.226 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009538.D
 Acq: 13 May 2019 13:12

Tgt Ion: 98 Resp: 383266
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 42.559 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009538.D

Acq: 13 May 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

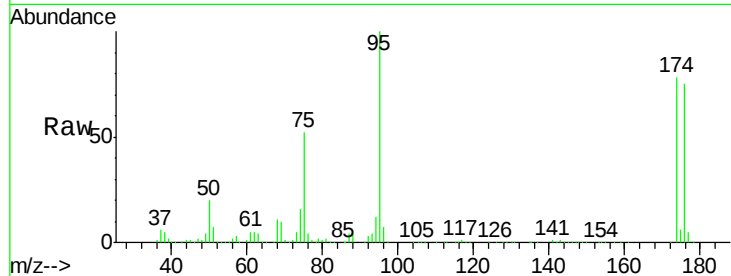
Tot Ion: 95 Resp: 120404

Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.6

176 80.4 0.0 159.2



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

120000

100000

80000

60000

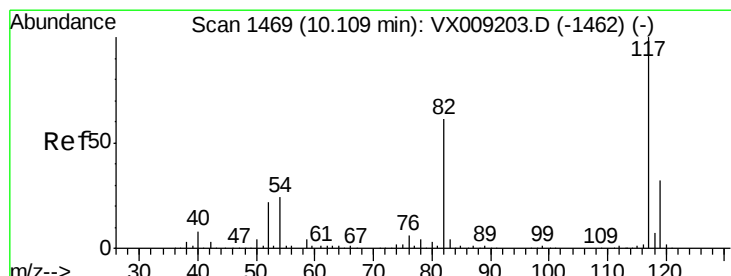
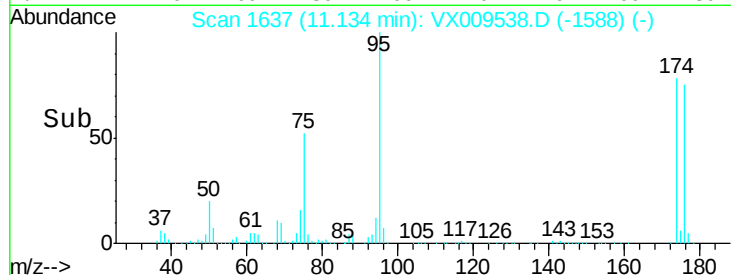
40000

20000

0

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009538.D

Acq: 13 May 2019 13:12

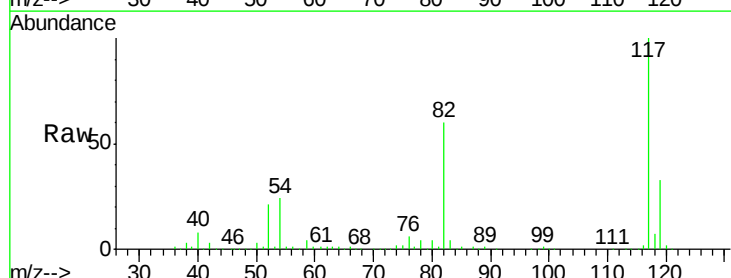
Tgt Ion: 117 Resp: 261814

Ion Ratio Lower Upper

117 100

82 60.1 48.8 73.2

119 32.6 25.8 38.6



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

250000

200000

150000

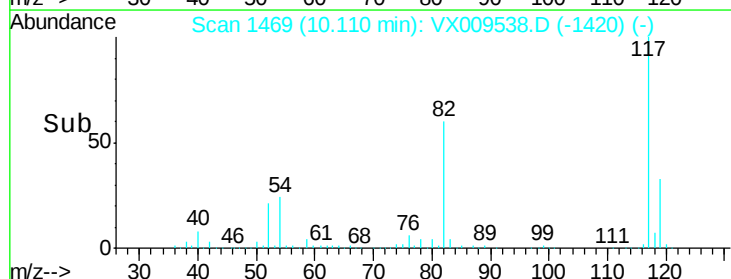
100000

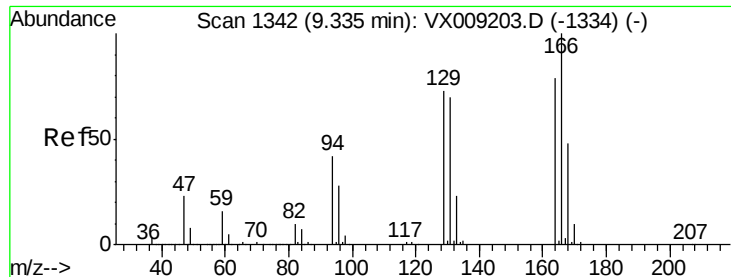
50000

0

10.11

Time-->





#64

Tetrachloroethene

Concen: 0.646 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009538.D

Acq: 13 May 2019 13:12

Instrument :

MSVOA_X

ClientSampled :

MW-3DL

Tot Ion:164 Resp: 1160

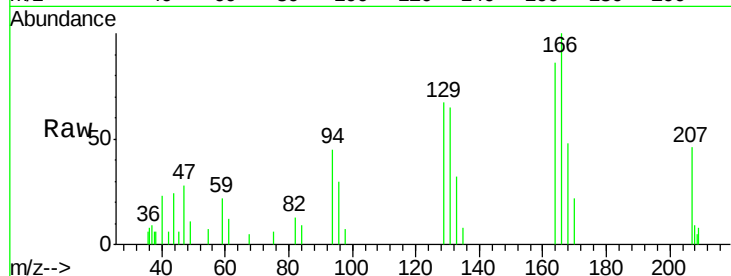
Ion Ratio Lower Upper

164 100

166 116.2 101.2 151.8

129 77.4 74.3 111.5

131 75.8 71.0 106.6

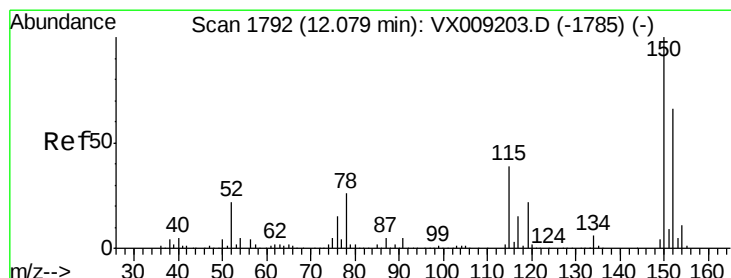
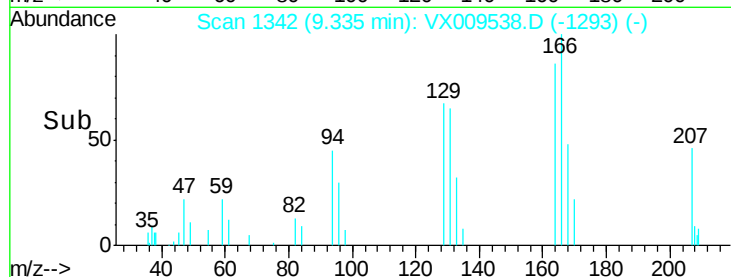
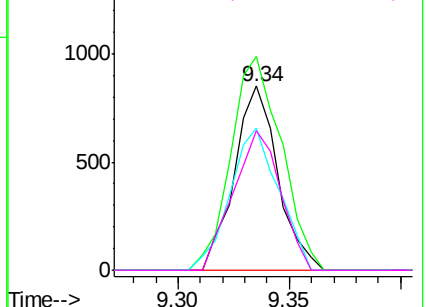


Abundance Ion 163.80 (163.50 to 164.50): V

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# 1792

Delta R.T. 0.00 min

Lab File: VX009538.D

Acq: 13 May 2019 13:12

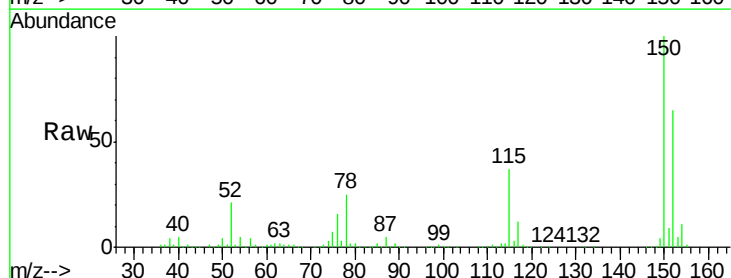
Tgt Ion:152 Resp: 103481

Ion Ratio Lower Upper

152 100

115 59.1 41.2 123.6

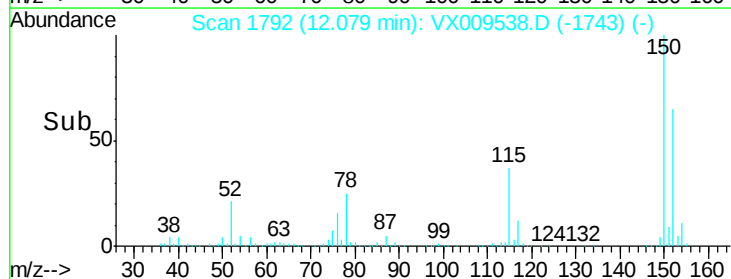
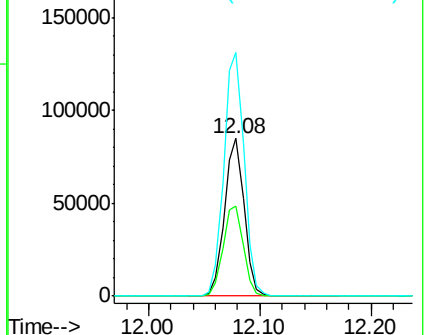
150 159.8 0.0 346.4

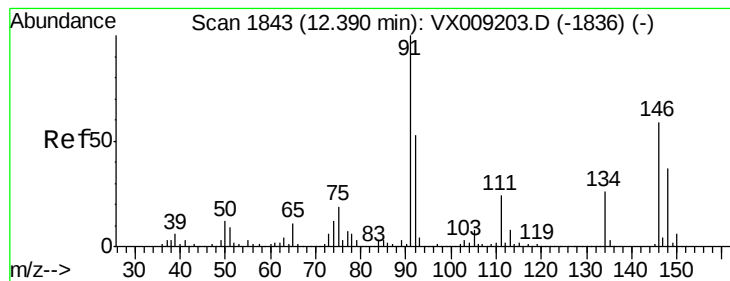


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 0.467 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009538.D

Acq: 13 May 2019 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-3DL

Tot Ion:146 Resp: 1583

Ion Ratio Lower Upper

146 100

111 38.5 20.8 62.4

148 62.2 31.9 95.9

