

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009701.D
 Acq On : 18 May 2019 07:49
 Operator : JC/SP
 Sample : K2901-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9B_R2

Quant Time: May 20 04:33:37 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

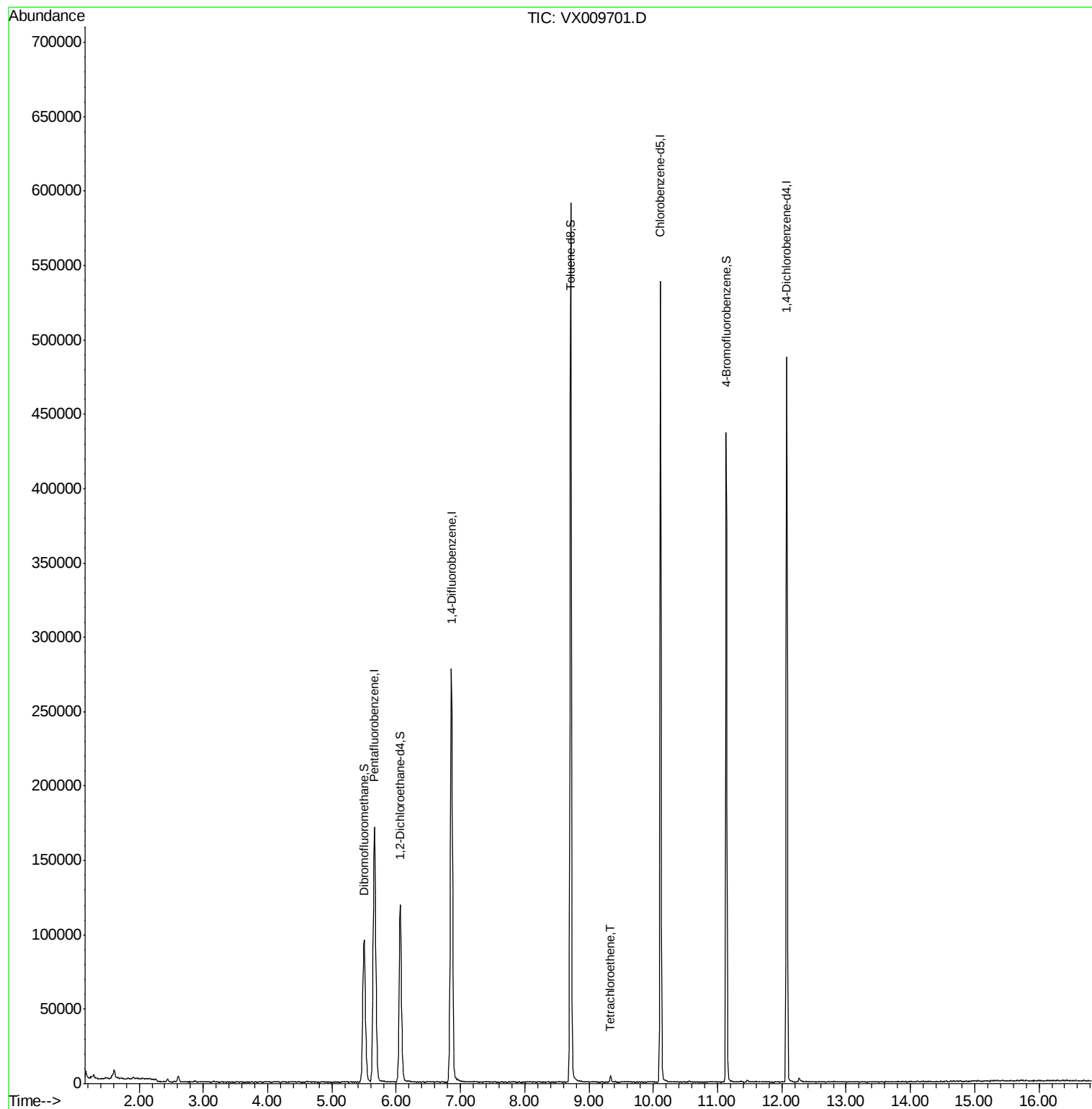
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113787	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	5.50	113	82630	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	8.71	98	338229	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	109987	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
64) Tetrachloroethene	9.34	164	789	0.482	ug/l	99

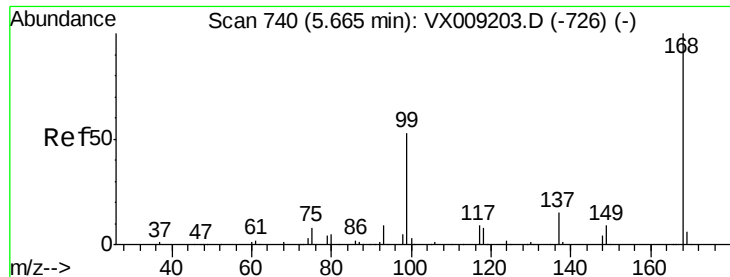
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009701.D

Acq: 18 May 2019 07:49

Instrument :

MSVOA_X

ClientSampleId :

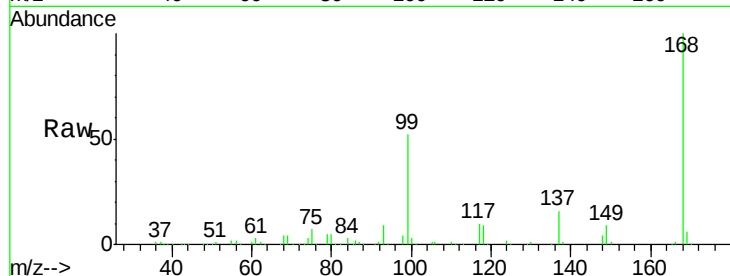
MW-9B_R2

Tot Ion:168 Resp: 168230

Ion Ratio Lower Upper

168 100

99 52.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

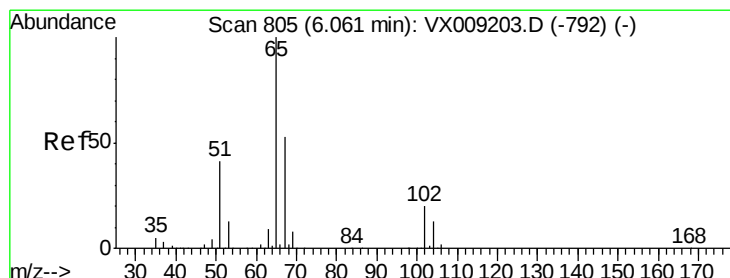
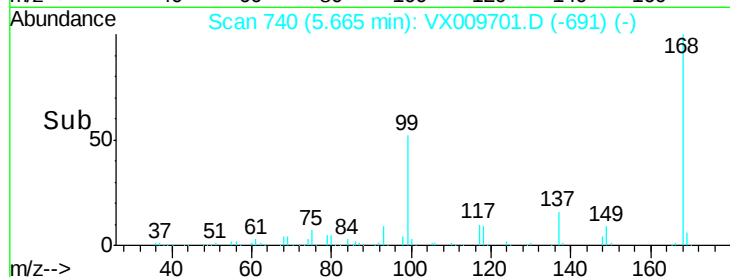
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.547 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009701.D

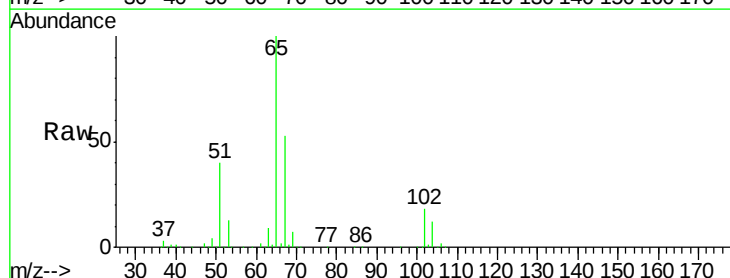
Acq: 18 May 2019 07:49

Tgt Ion: 65 Resp: 113787

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

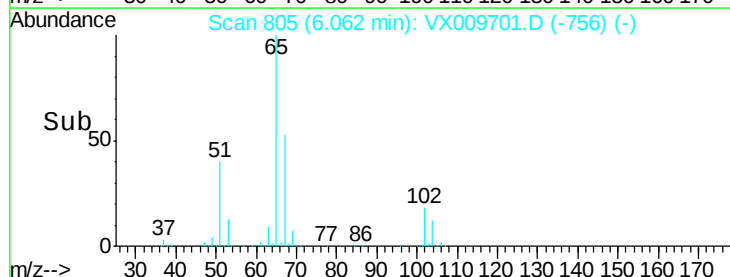
20000

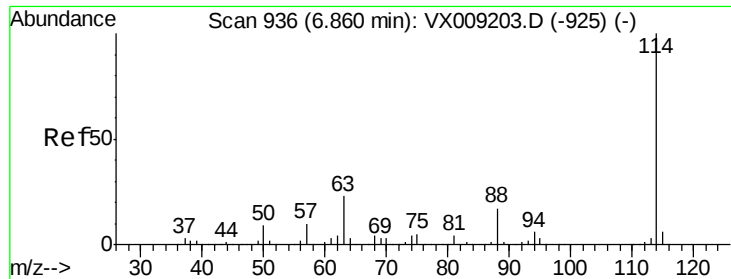
10000

0

Time-->

6.00 6.10 6.20

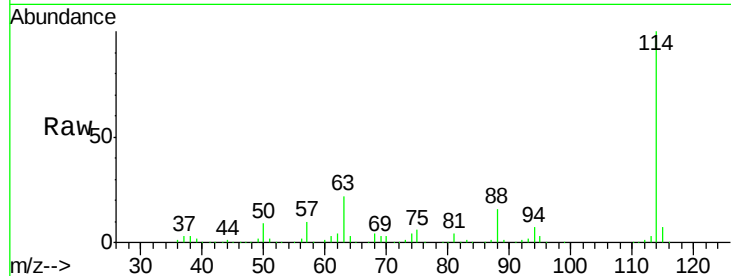




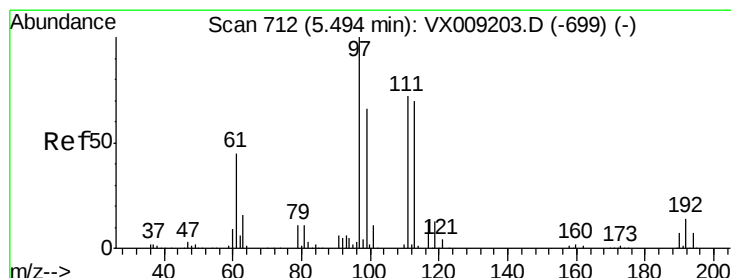
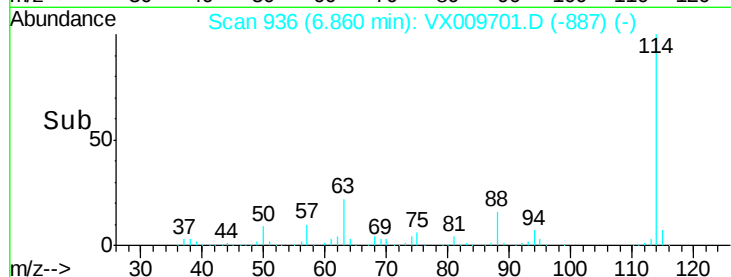
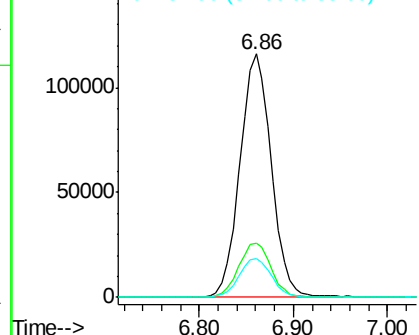
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009701.D
Acq: 18 May 2019 07:49

Instrument :
MSVOA_X
ClientSampleId :
MW-9B_R2

Tot Ion:114 Resp: 269936
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.6
88 16.0 0.0 33.2

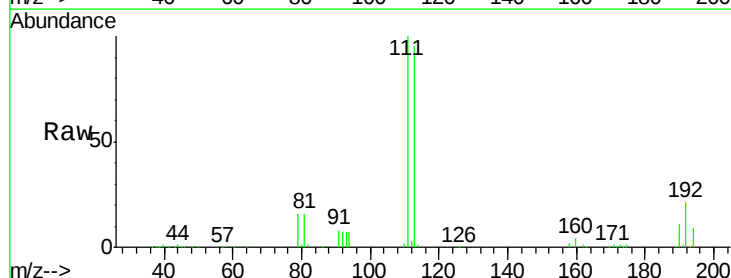


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

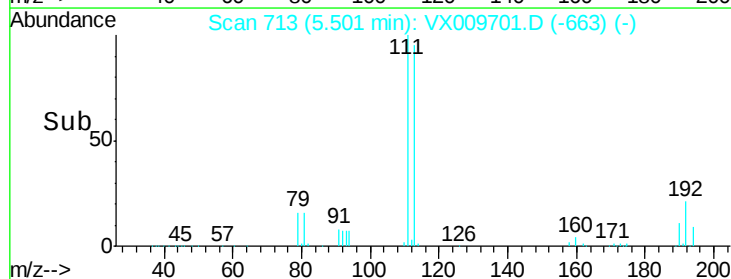
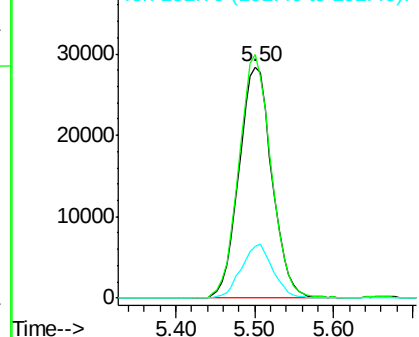


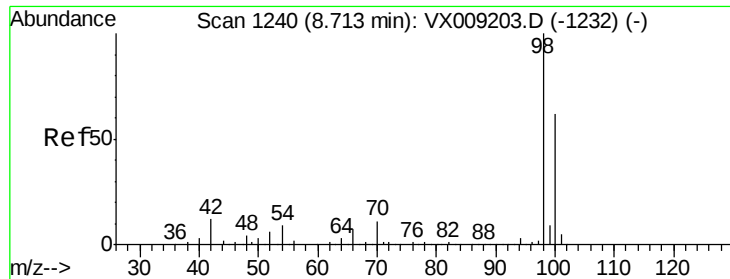
#35
Dibromofluoromethane
Concen: 48.694 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009701.D
Acq: 18 May 2019 07:49

Tgt Ion:113 Resp: 82630
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 22.3 17.0 25.6



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





#50

Toluene-d8

Concen: 49.370 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009701.D

Acq: 18 May 2019 07:49

Instrument :

MSVOA_X

ClientSampleId :

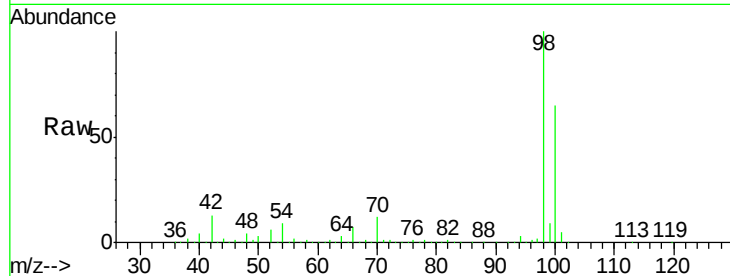
MW-9B_R2

Tot Ion: 98 Resp: 338229

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

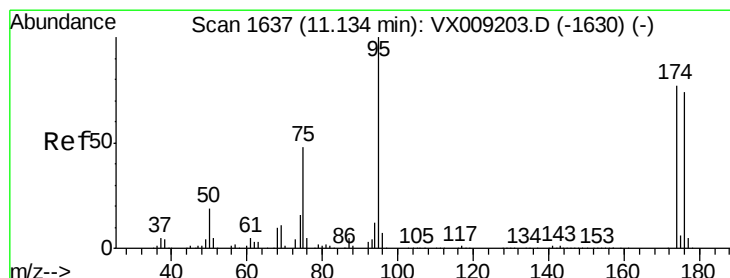
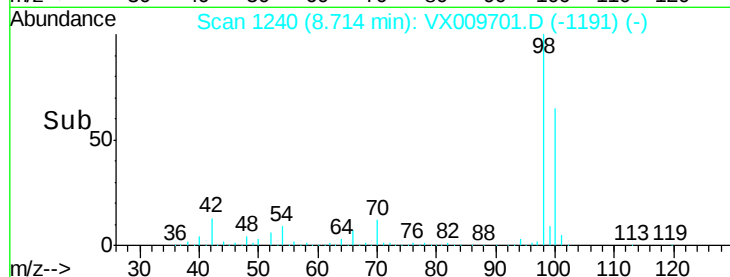
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 44.183 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009701.D

Acq: 18 May 2019 07:49

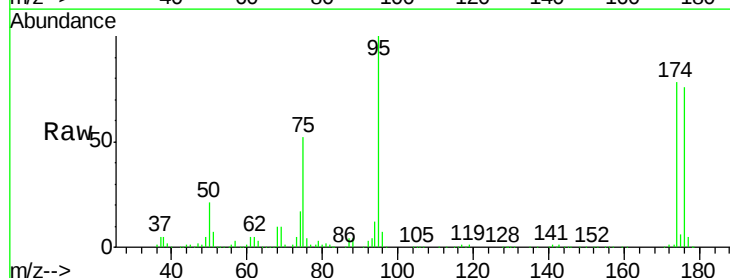
Tgt Ion: 95 Resp: 109987

Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

176 79.9 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

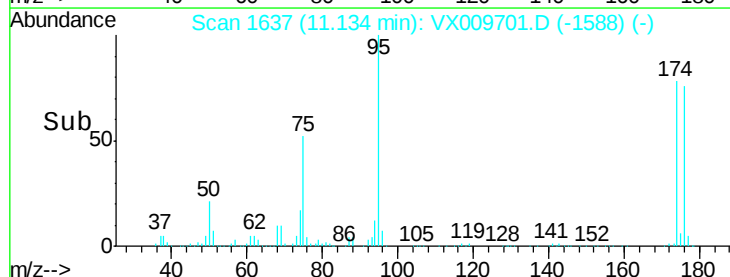
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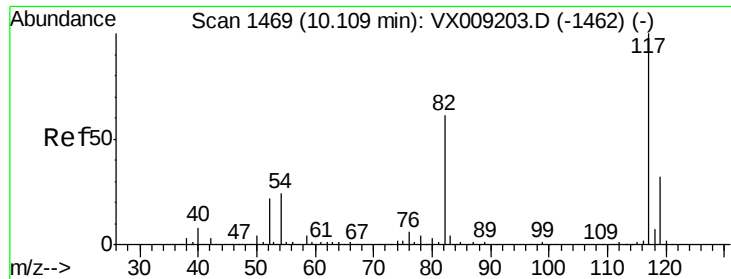
40000

20000

0

Time--> 11.10 11.20

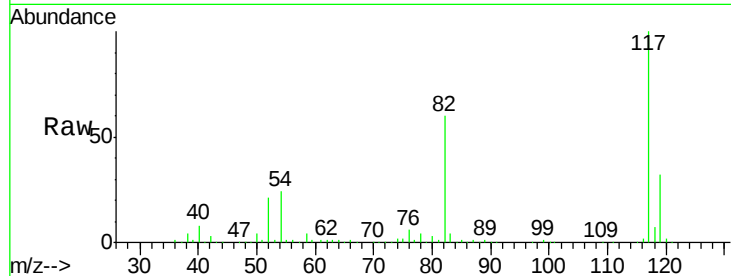




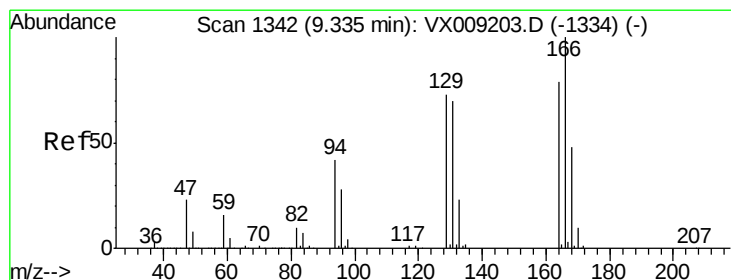
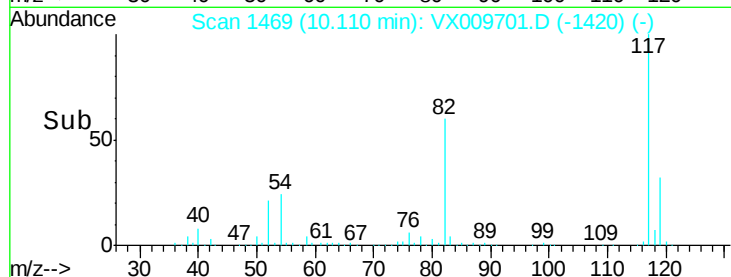
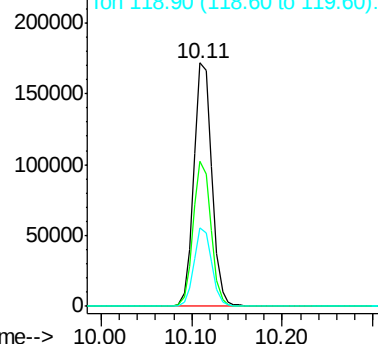
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009701.D
Acq: 18 May 2019 07:49

Instrument :
MSVOA_X
ClientSampleId :
MW-9B_R2

Tot Ion:117 Resp: 238626
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 32.1 25.8 38.6

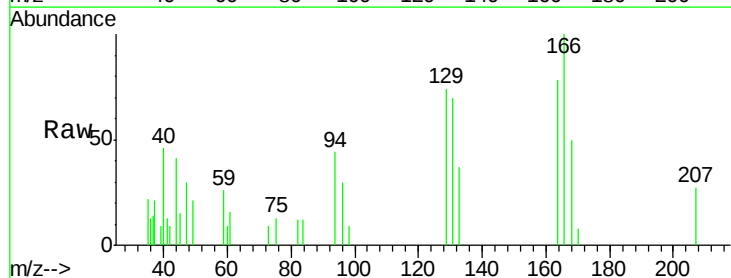


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

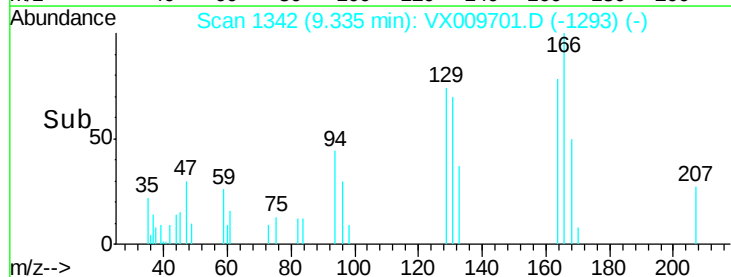
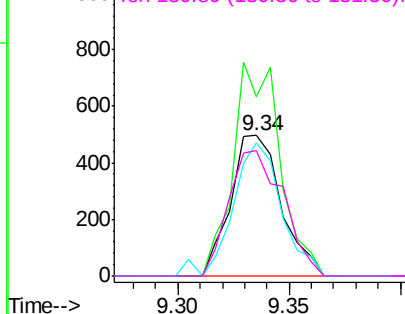


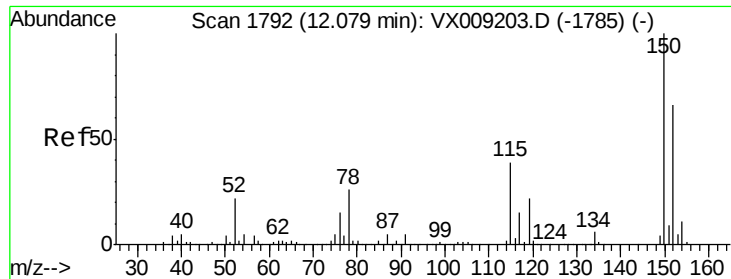
#64
Tetrachloroethene
Concen: 0.482 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009701.D
Acq: 18 May 2019 07:49

Tgt Ion:164 Resp: 789
Ion Ratio Lower Upper
164 100
166 127.6 101.2 151.8
129 94.4 74.3 111.5
131 89.5 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

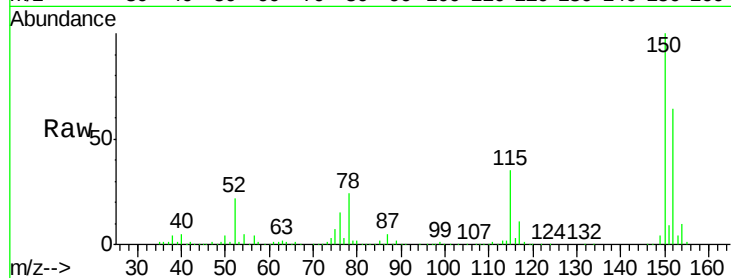




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009701.D
 Acq: 18 May 2019 07:49

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9B_R2

Tot Ion:152 Resp: 99263
 Ion Ratio Lower Upper
 152 100
 115 57.7 41.2 123.6
 150 156.9 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

