

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010463.D
 Acq On : 26 Jun 2019 15:22
 Operator : JC/SP
 Sample : K3527-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW07S-M24W1-061919

Quant Time: Jun 27 02:34:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

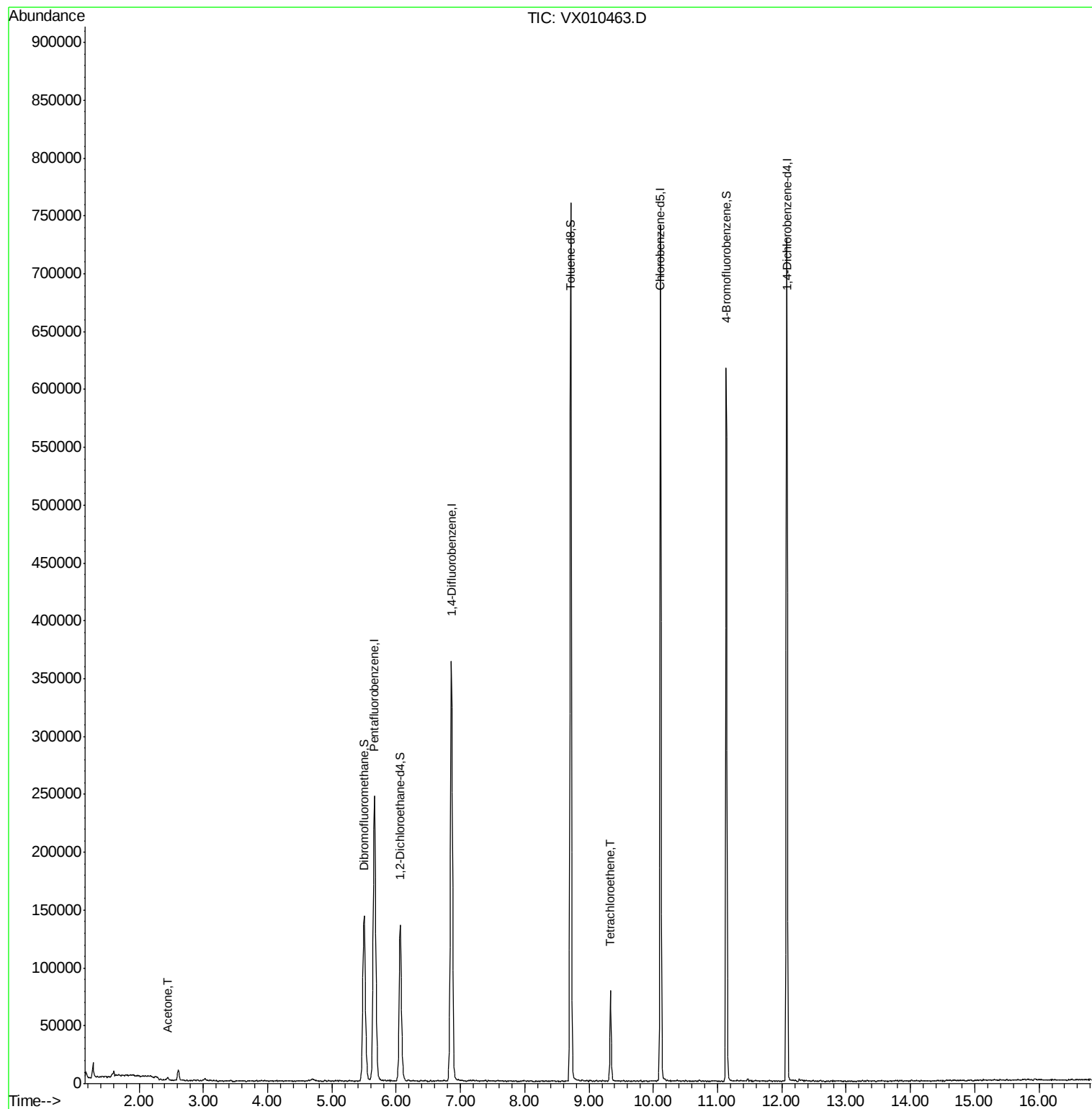
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	122827	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	5.50	113	120800	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	468723	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	152305	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
16) Acetone	2.45	43	2648	2.193	ug/l #	81
64) Tetrachloroethene	9.34	164	15953	5.466	ug/l	95

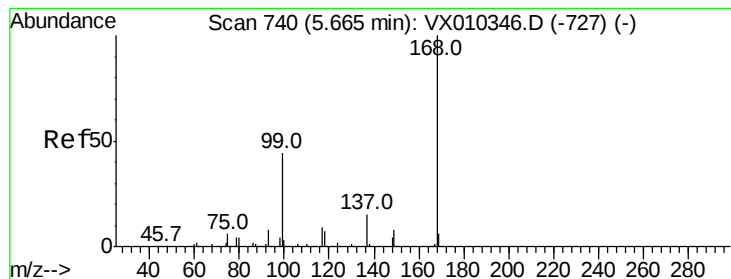
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010463.D

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Instrument :

MSVOA_X

ClientSampleId :

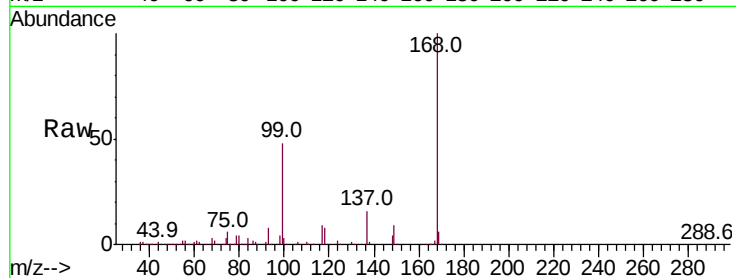
CPA-CPMW07S-M24W1-061919

Tot Ion:168 Resp: 256923

Ion Ratio Lower Upper

168 100

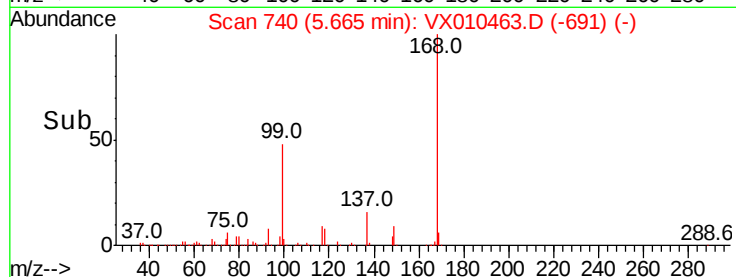
99 48.0 35.5 53.3



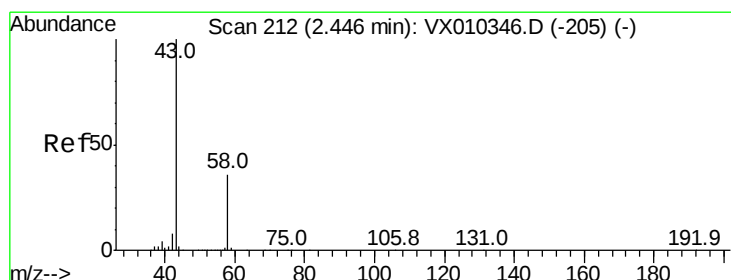
Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX010346.D (-727) (-)

5.67



Time-->



#16

Acetone

Concen: 2.193 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010463.D

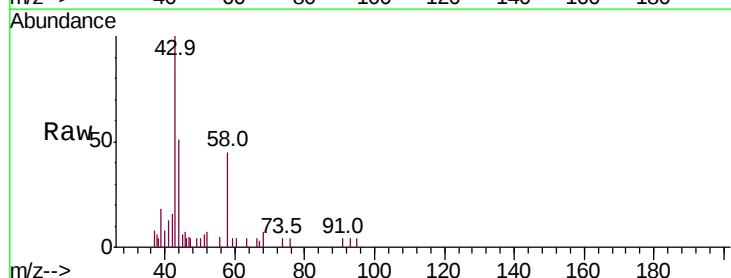
Acq: 26 Jun 2019 15:22

Tgt Ion: 43 Resp: 2648

Ion Ratio Lower Upper

43 100

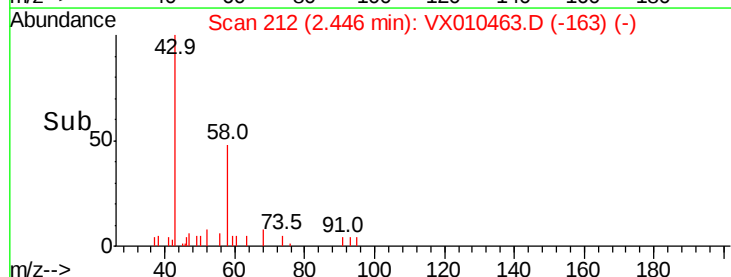
58 47.2 28.9 43.3#



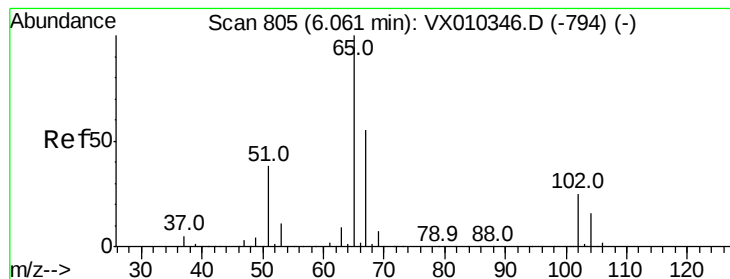
Abundance Ion 43.00 (42.70 to 43.70): VX010346.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX010346.D (-205) (-)

2.45



Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.989 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010463.D

Acq: 26 Jun 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

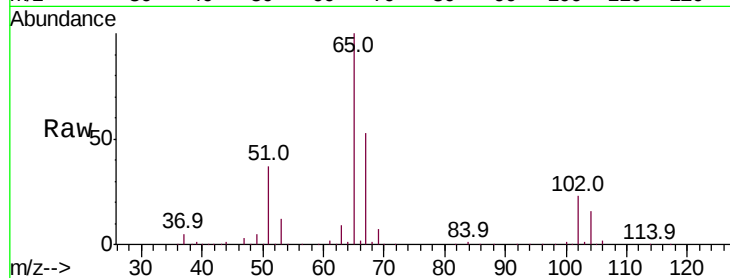
CPA-CPMW07S-M24W1-061919

Tot Ion: 65 Resp: 122827

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

30000

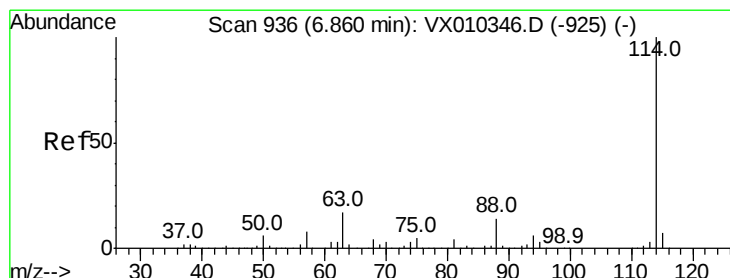
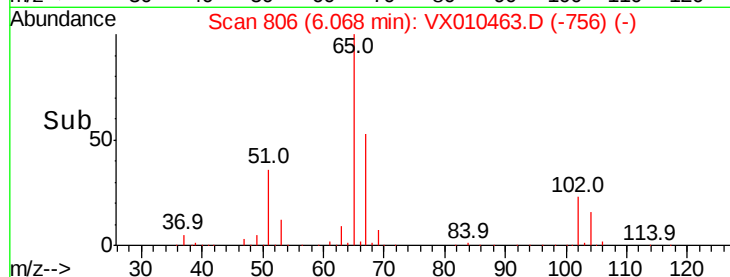
20000

10000

0

Time-->

5.90 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: VX010463.D

Acq: 26 Jun 2019 15:22

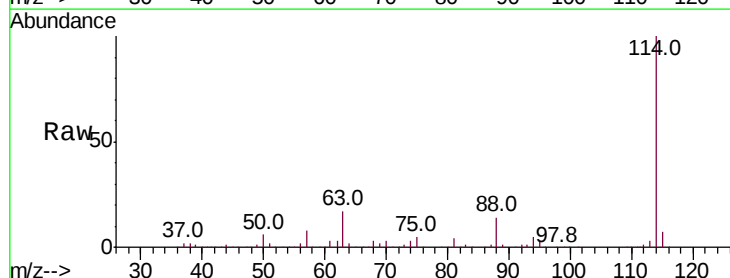
Tgt Ion:114 Resp: 399383

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.8

88 14.0 0.0 27.6



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

6.86

200000

150000

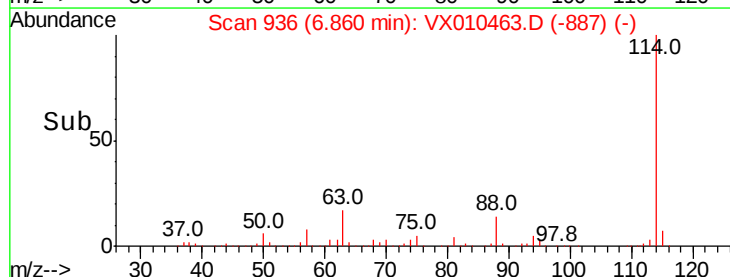
100000

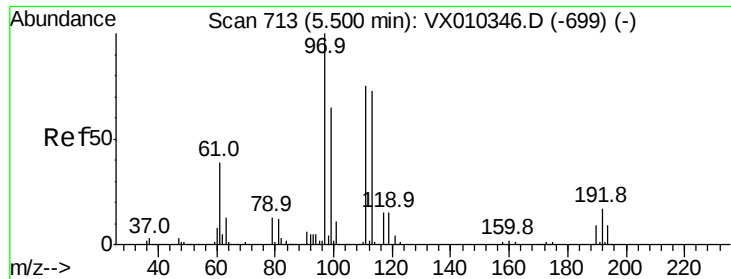
50000

0

Time-->

6.80 6.90 7.00

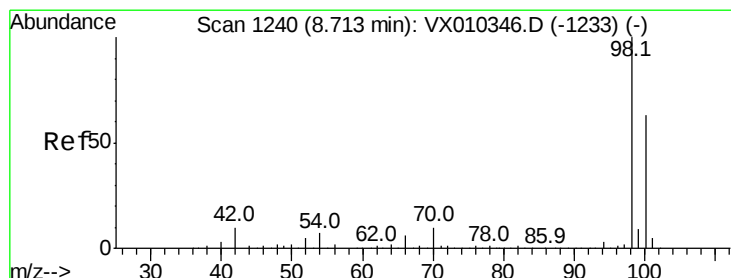
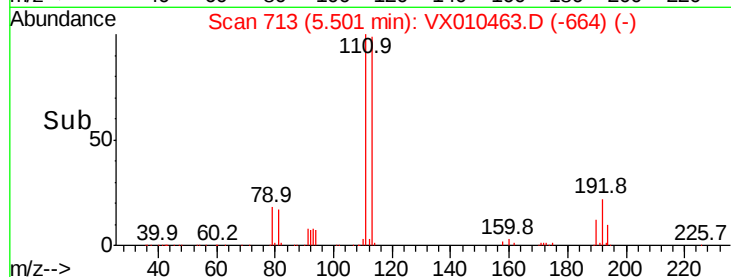
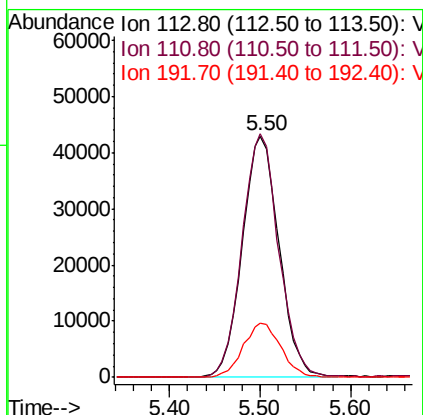
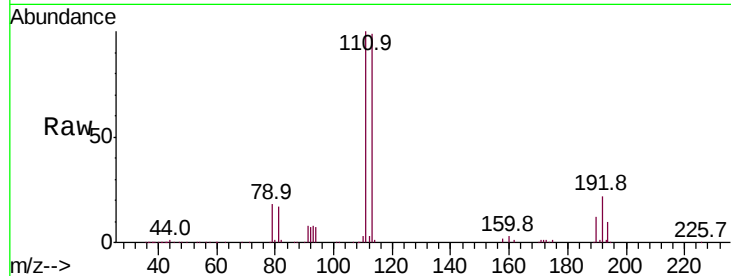




#35
 Dibromofluoromethane
 Concen: 49.436 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010463.D
 Acq: 26 Jun 2019 15:22

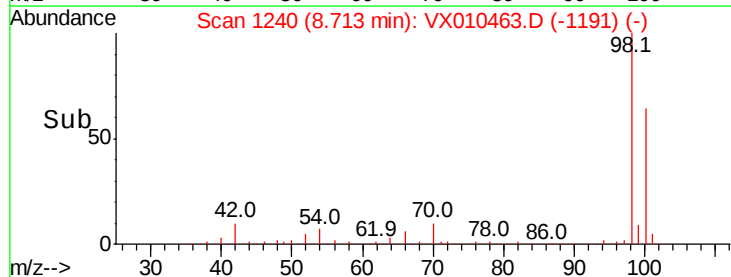
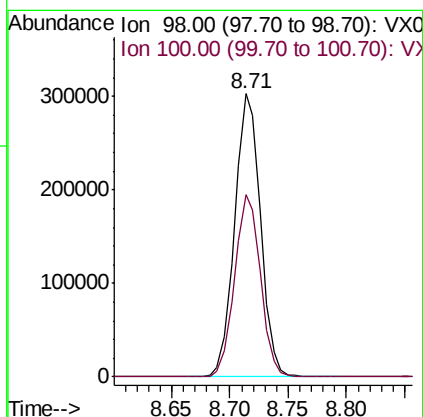
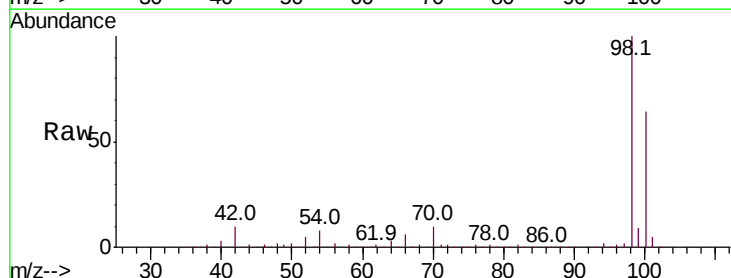
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW07S-M24W1-061919

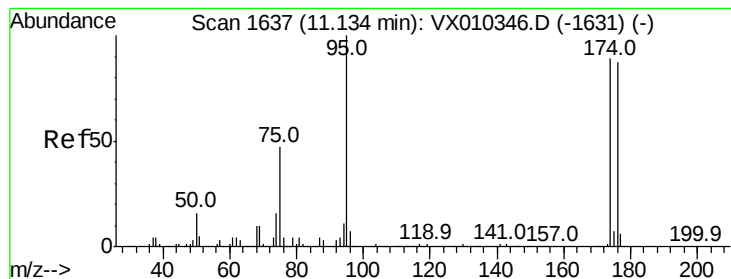
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.2	121.8
192	23.0	18.6	27.8



#50
 Toluene-d8
 Concen: 50.138 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010463.D
 Acq: 26 Jun 2019 15:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 45.126 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010463.D

Acq: 26 Jun 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW07S-M24W1-061919

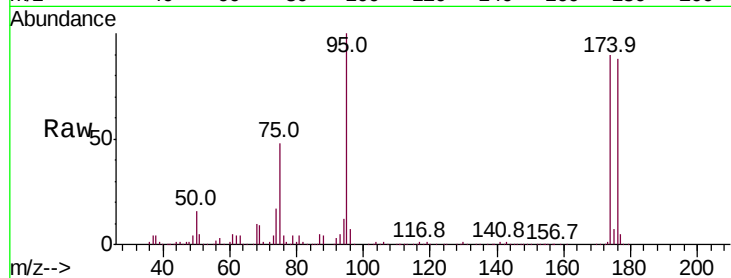
Tot Ion: 95 Resp: 152305

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.6

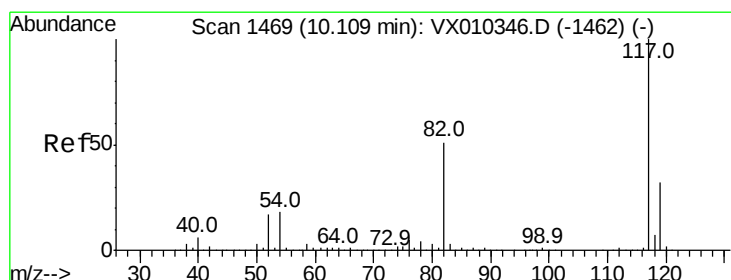
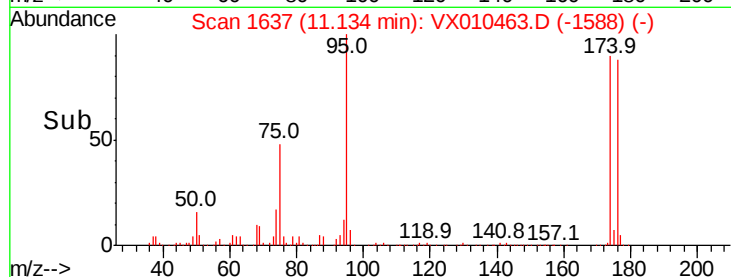
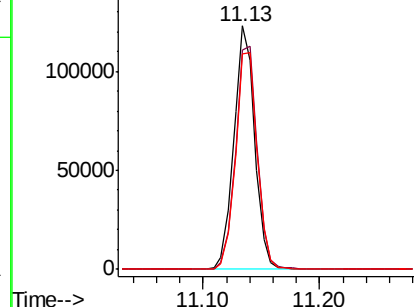
176 93.6 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010463.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010463.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010463.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010463.D

Acq: 26 Jun 2019 15:22

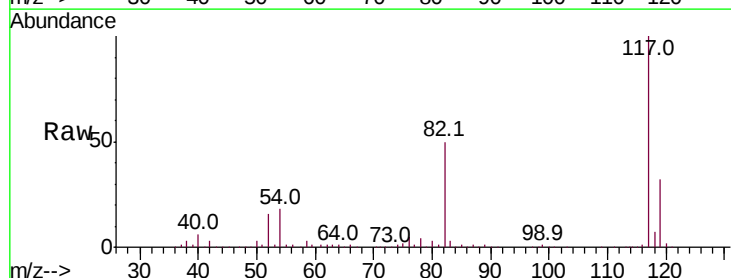
Tgt Ion: 117 Resp: 360817

Ion Ratio Lower Upper

117 100

82 50.4 41.2 61.8

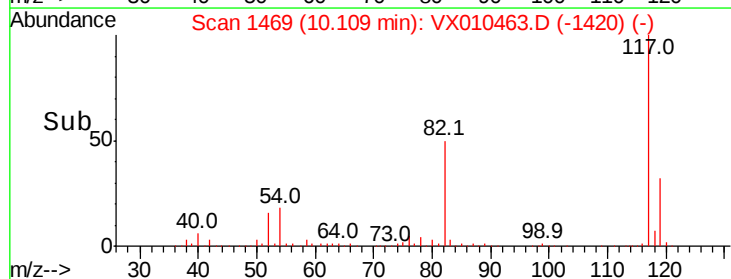
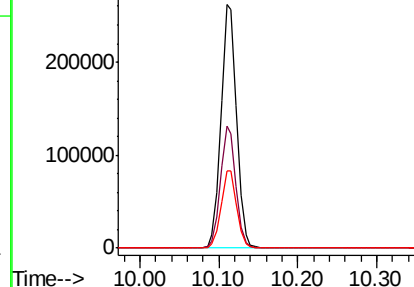
119 32.0 25.5 38.3

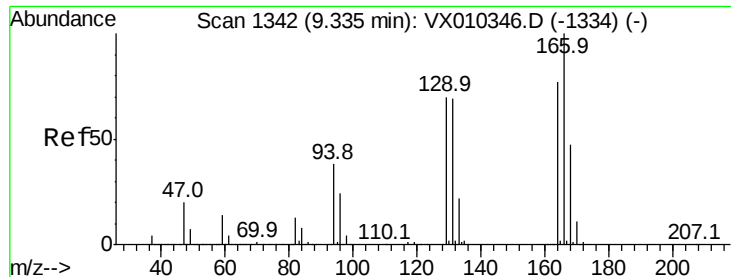


Abundance Ion 116.90 (116.60 to 117.60): VX010463.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010463.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010463.D (-1420) (-)





#64

Tetrachloroethene

Concen: 5.466 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010463.D

Acq: 26 Jun 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW07S-M24W1-061919

Tot Ion:164 Resp: 15953

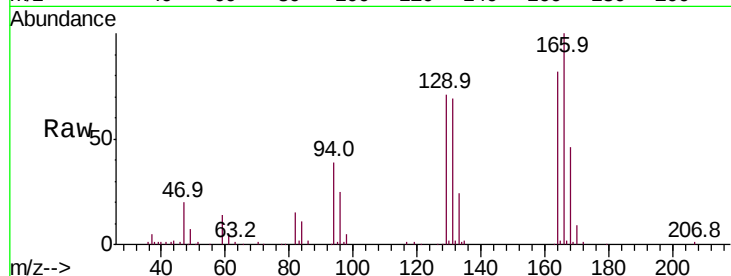
Ion Ratio Lower Upper

164 100

166 122.1 103.6 155.4

129 86.9 73.0 109.4

131 84.9 71.0 106.4

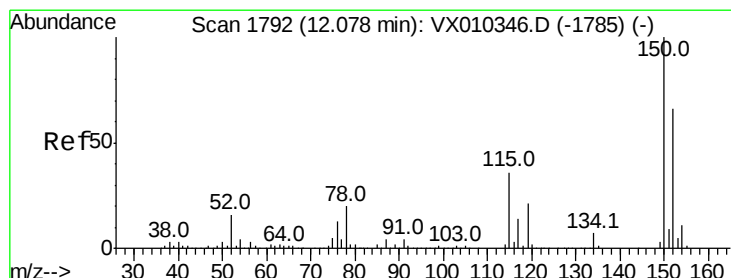
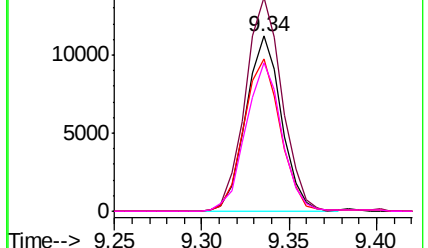
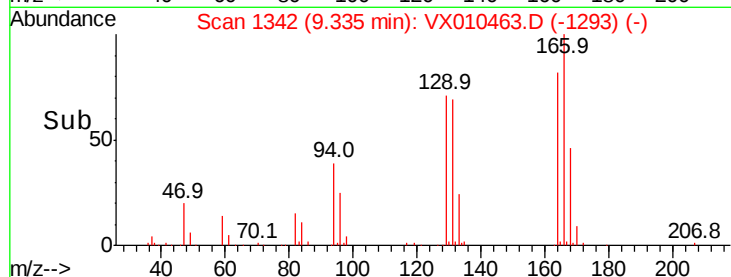


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010463.D

Acq: 26 Jun 2019 15:22

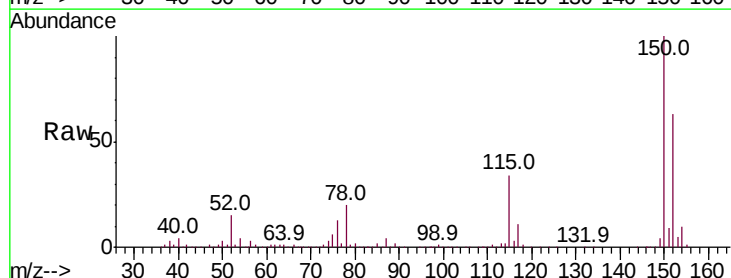
Tgt Ion:152 Resp: 159502

Ion Ratio Lower Upper

152 100

115 55.4 38.6 115.7

150 160.8 0.0 347.4



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

