

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010468.D
 Acq On : 26 Jun 2019 17:19
 Operator : JC/SP
 Sample : K3527-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW11D-M24W1-062219

Quant Time: Jun 27 03:19:15 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

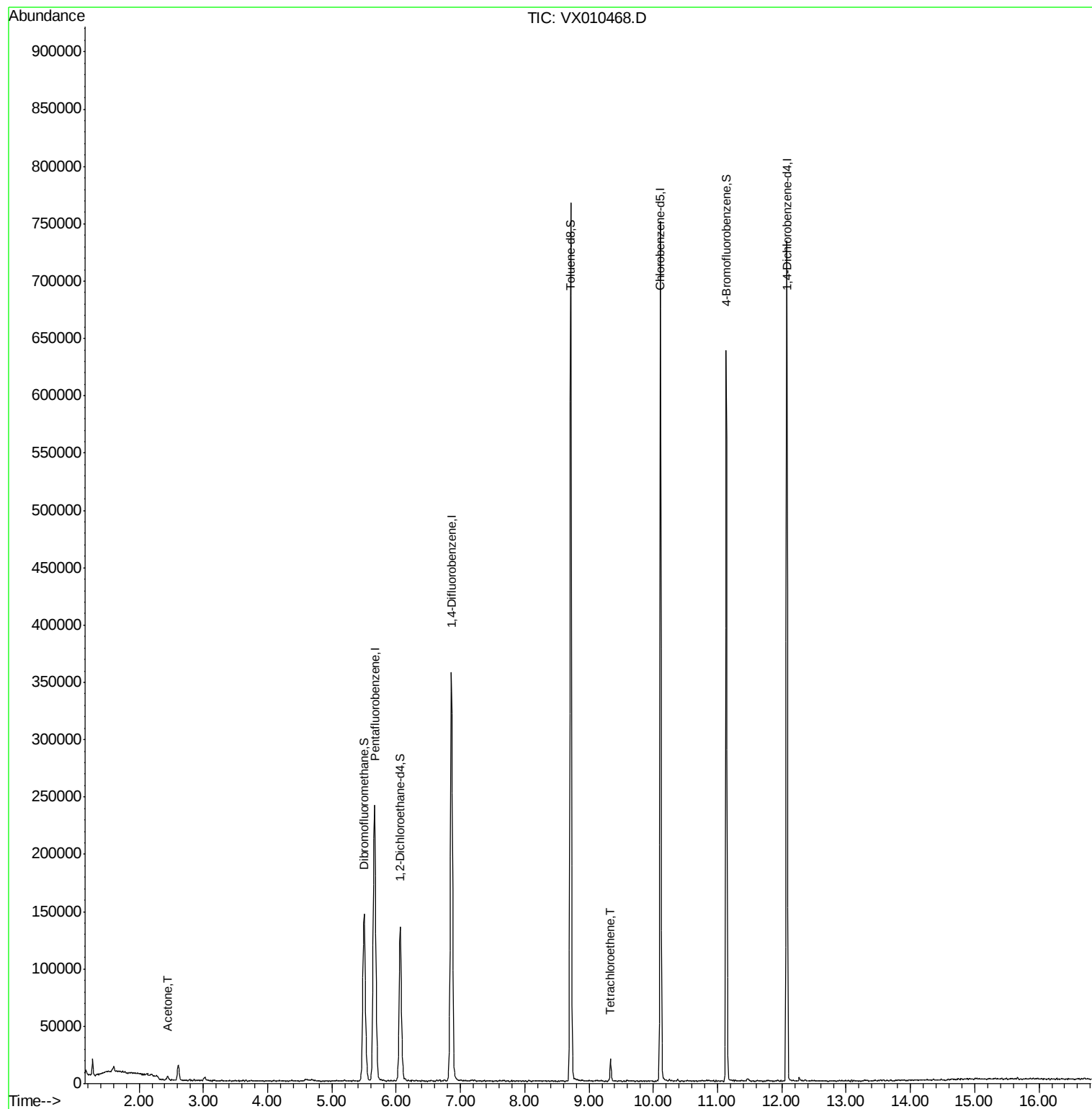
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	257730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121590	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	5.50	113	120924	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	466886	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	156103	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
16) Acetone	2.45	43	4218	3.483	ug/l	94
64) Tetrachloroethene	9.34	164	3683	1.262	ug/l	94

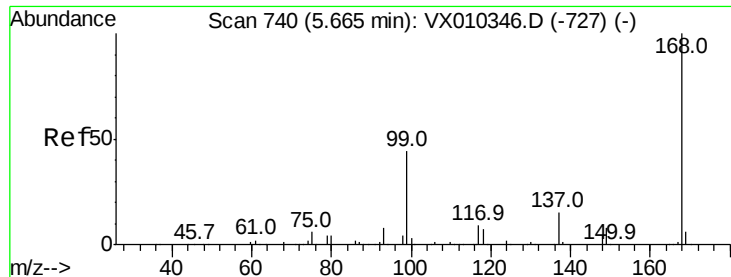
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

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Acq: 26 Jun 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

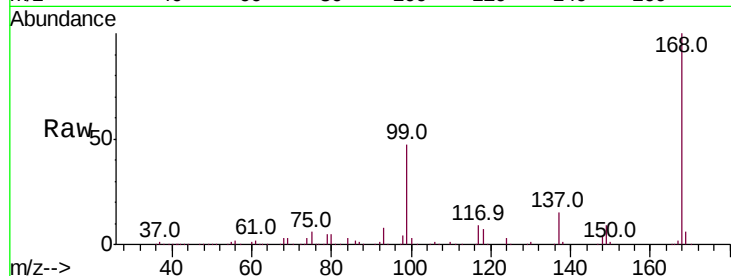
CPA-CPMW11D-M24W1-062219

Tot Ion:168 Resp: 257730

Ion Ratio Lower Upper

168 100

99 46.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

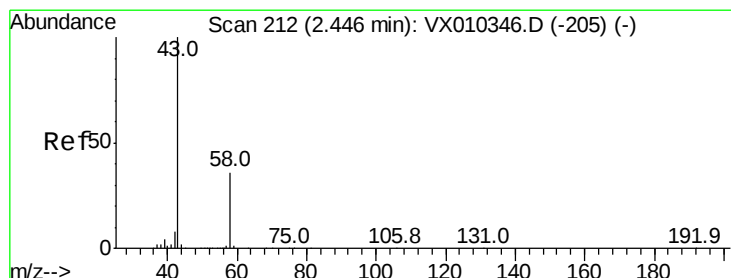
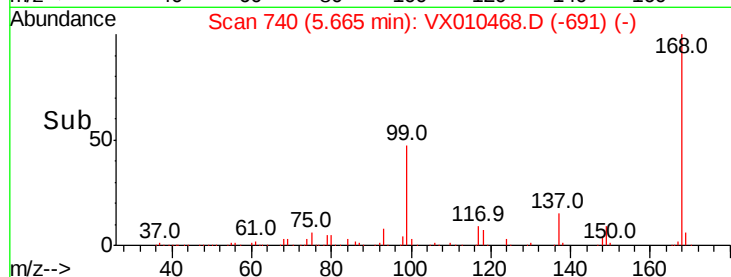
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.483 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010468.D

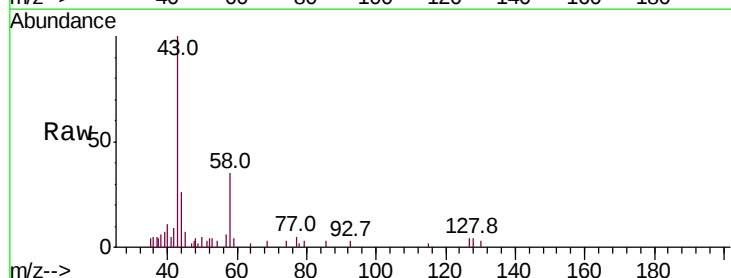
Acq: 26 Jun 2019 17:19

Tgt Ion: 43 Resp: 4218

Ion Ratio Lower Upper

43 100

58 32.3 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

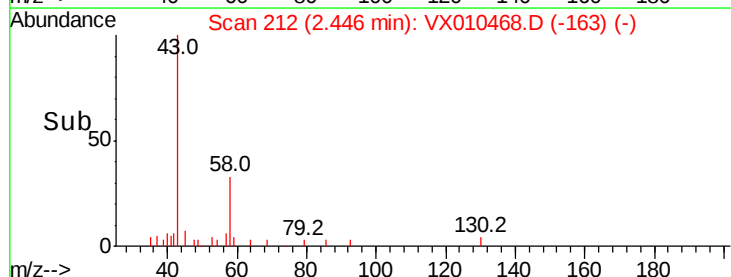
1500

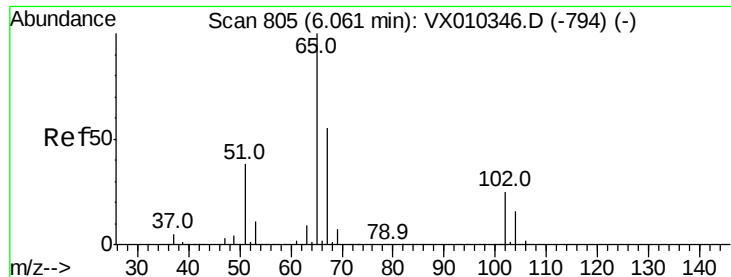
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 50.317 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010468.D

Acq: 26 Jun 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

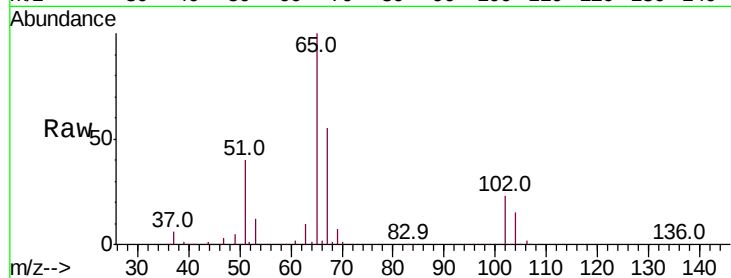
CPA-CPMW11D-M24W1-062219

Tot Ion: 65 Resp: 121590

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

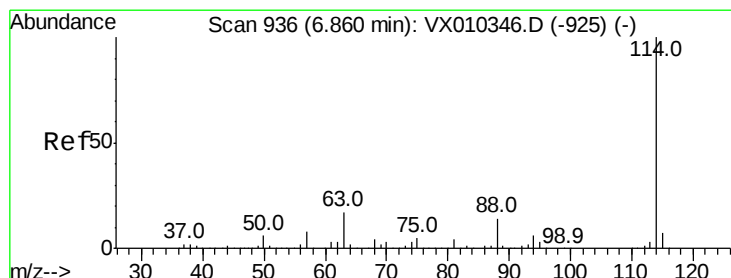
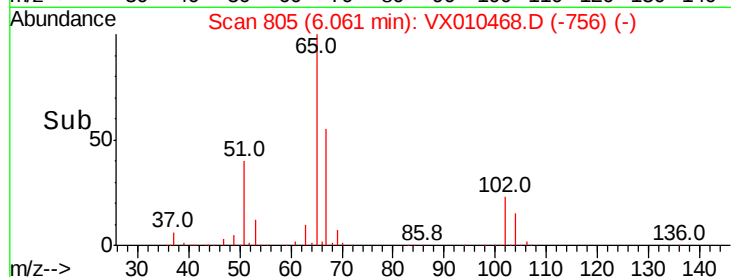
20000

10000

0

Time-->

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: VX010468.D

Acq: 26 Jun 2019 17:19

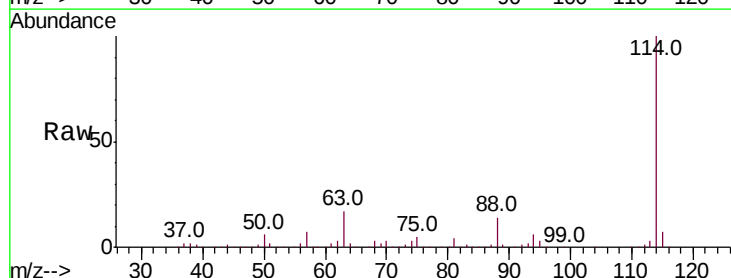
Tgt Ion:114 Resp: 396887

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

88 14.4 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

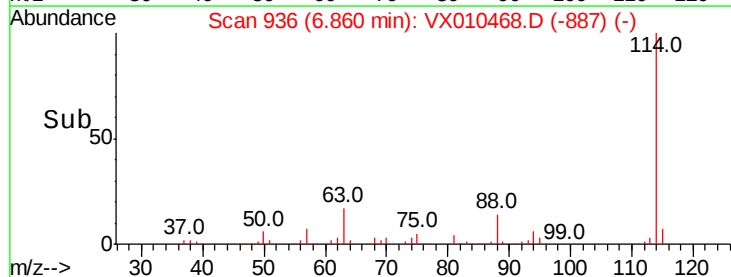
100000

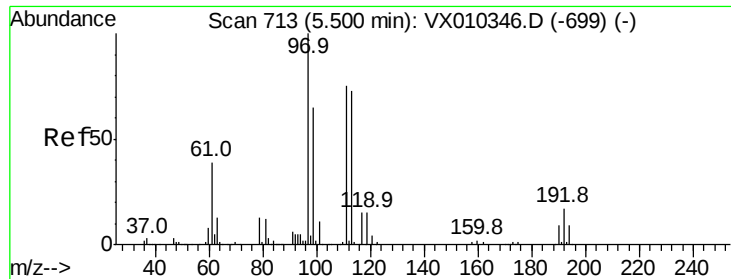
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 49.798 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010468.D

Acq: 26 Jun 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW11D-M24W1-062219

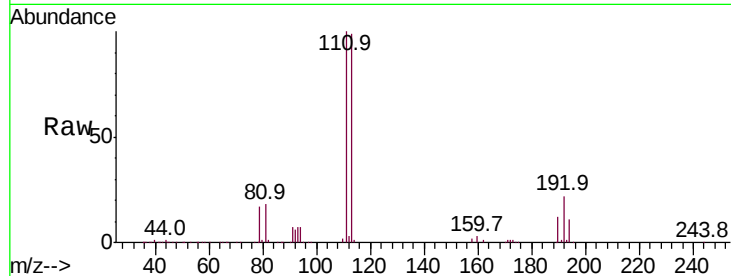
Tot Ion:113 Resp: 120924

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

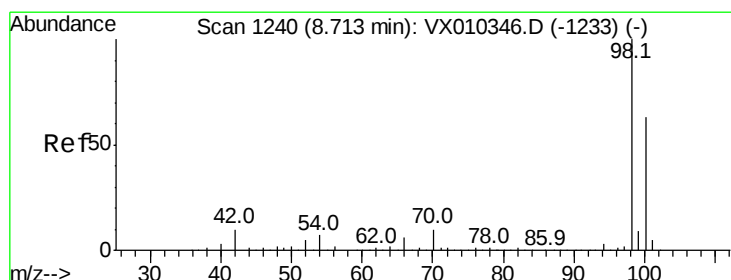
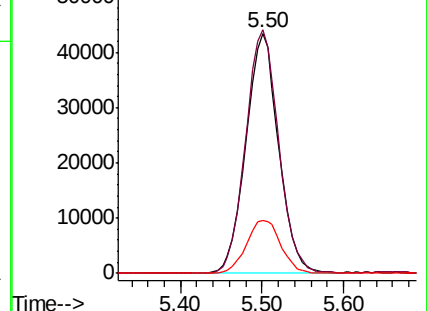
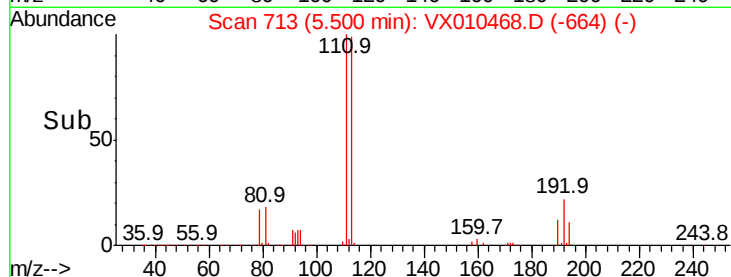
192 23.2 18.6 27.8



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: 50.256 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010468.D

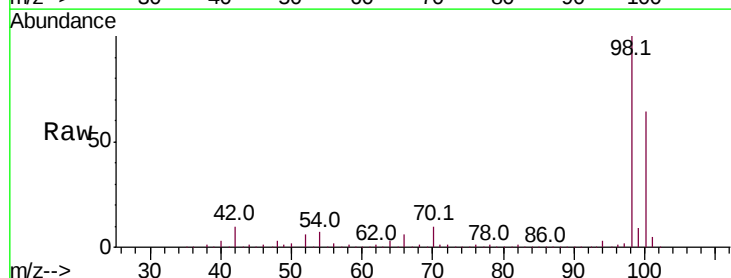
Acq: 26 Jun 2019 17:19

Tgt Ion: 98 Resp: 466886

Ion Ratio Lower Upper

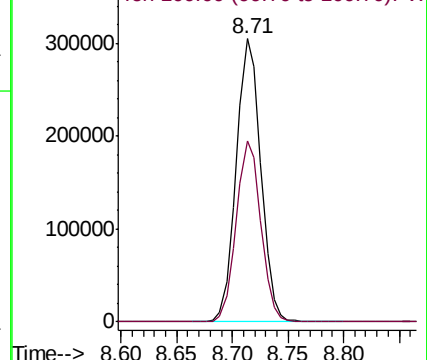
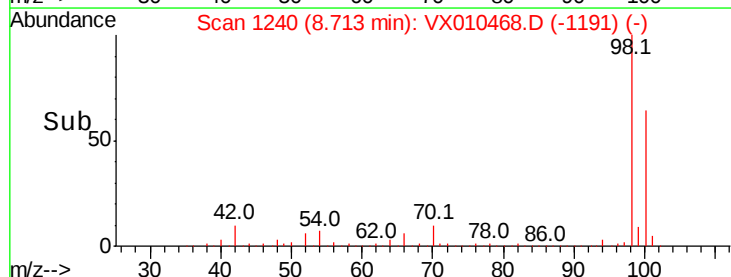
98 100

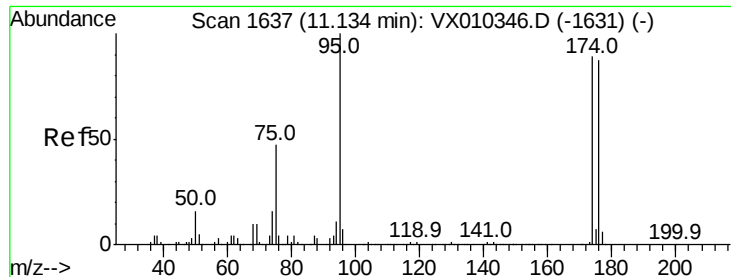
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.542 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010468.D

Acq: 26 Jun 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW11D-M24W1-062219

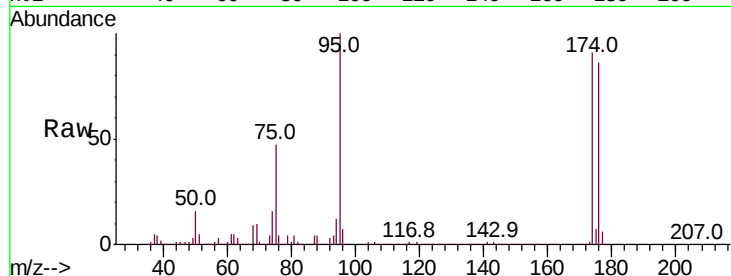
Tot Ion: 95 Resp: 156103

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.6

176 92.4 0.0 184.0

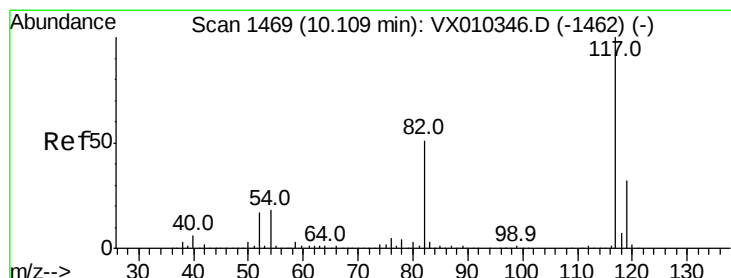
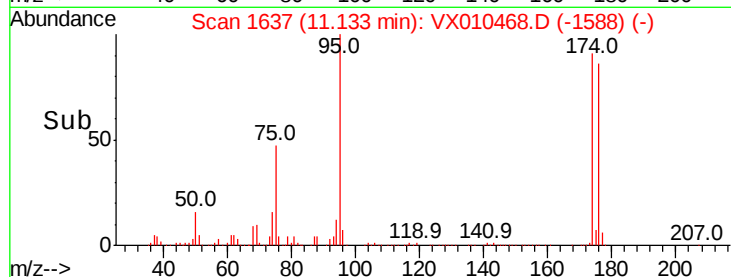


Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010468.D

Acq: 26 Jun 2019 17:19

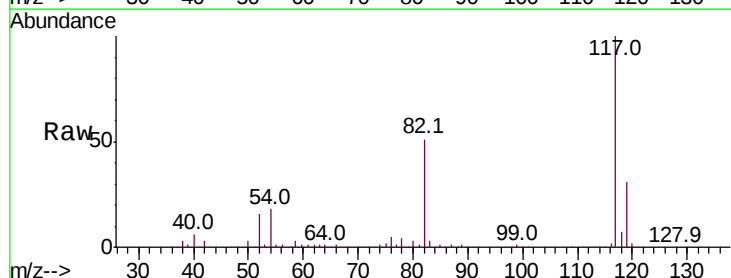
Tgt Ion: 117 Resp: 360836

Ion Ratio Lower Upper

117 100

82 50.6 41.2 61.8

119 31.4 25.5 38.3

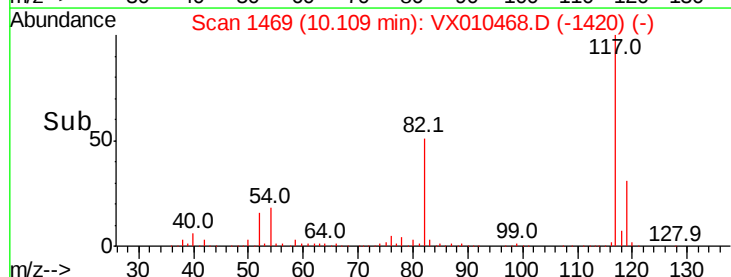


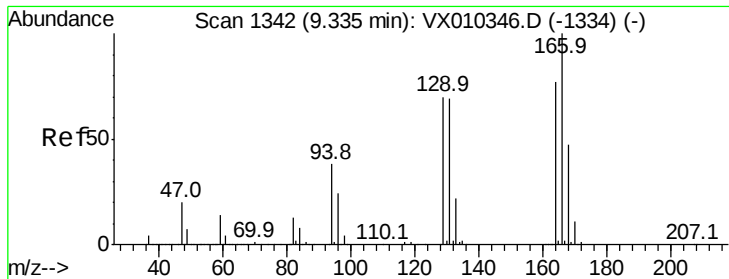
Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

Time-->





#64

Tetrachloroethene

Concen: 1.262 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010468.D

Acq: 26 Jun 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW11D-M24W1-062219

Tot Ion:164 Resp: 3683

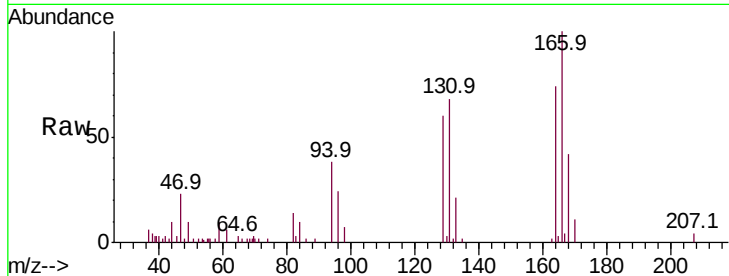
Ion Ratio Lower Upper

164 100

166 135.0 103.6 155.4

129 81.0 73.0 109.4

131 91.7 71.0 106.4

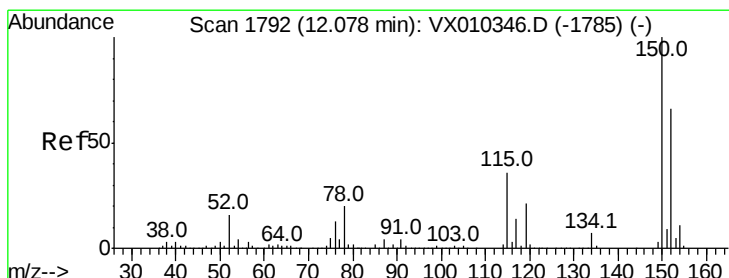
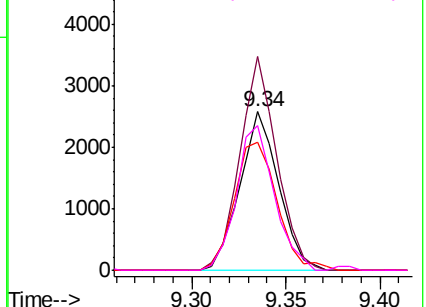
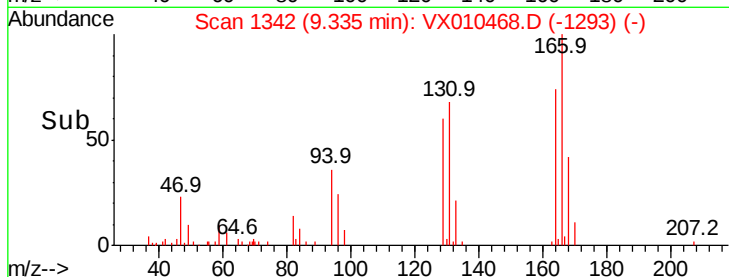


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010468.D

Acq: 26 Jun 2019 17:19

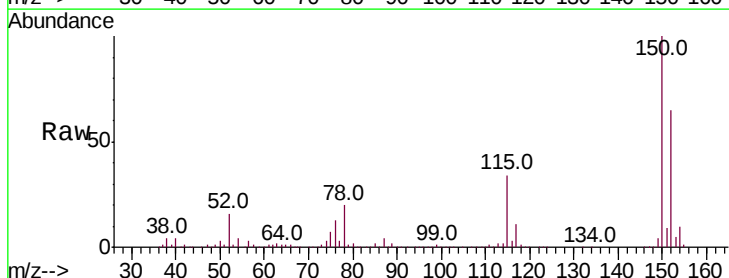
Tgt Ion:152 Resp: 165600

Ion Ratio Lower Upper

152 100

115 53.6 38.6 115.7

150 156.3 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

