

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008081.D
 Acq On : 14 Mar 2019 20:40
 Operator : JC/SP
 Sample : K1829-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW02S-M20W2-030419

Quant Time: Mar 15 05:06:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

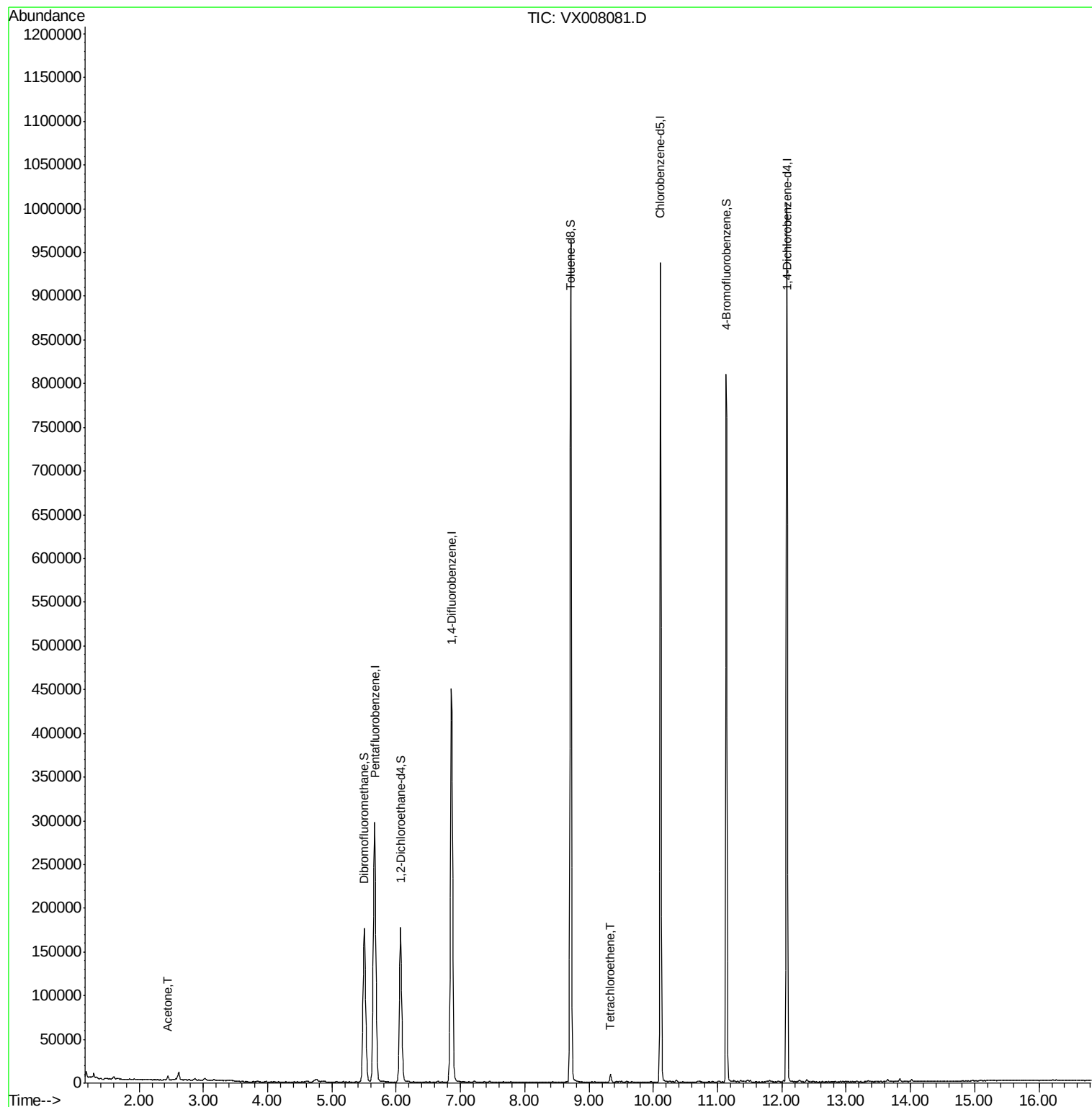
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	488956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	463718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157782	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	5.51	113	153271	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	8.71	98	585563	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	216809	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
16) Acetone	2.45	43	4851	3.192	ug/l	98
64) Tetrachloroethene	9.34	164	1841	0.490	ug/l #	79

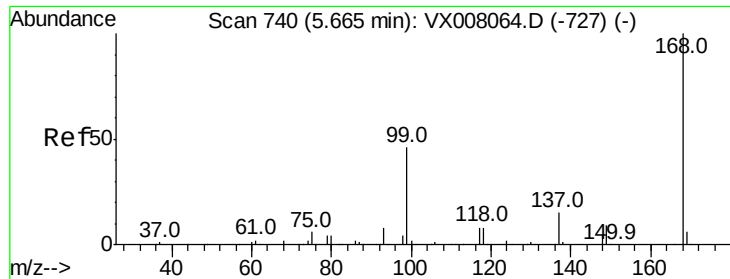
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008081.D

Acq: 14 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

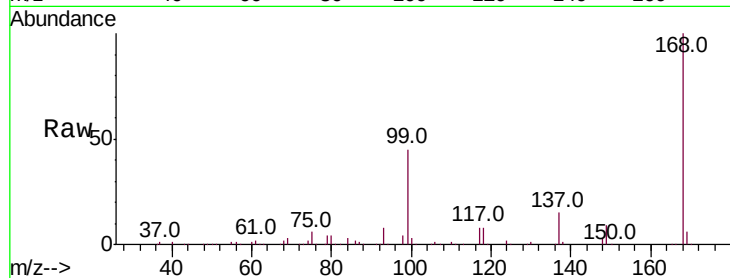
CPA-CPMW02S-M20W2-030419

Tot Ion:168 Resp: 319155

Ion Ratio Lower Upper

168 100

99 44.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

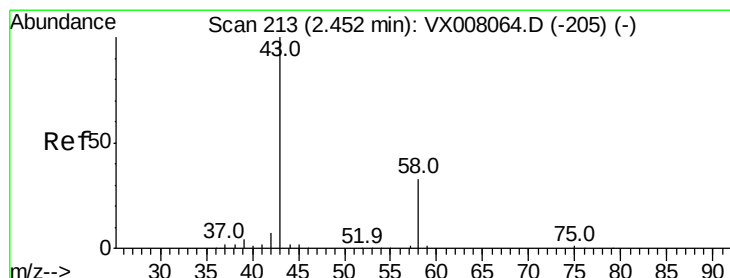
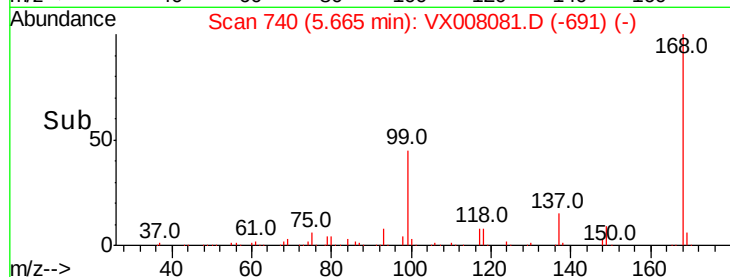
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.192 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008081.D

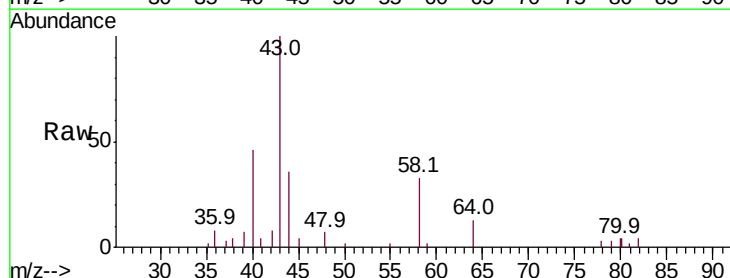
Acq: 14 Mar 2019 20:40

Tgt Ion: 43 Resp: 4851

Ion Ratio Lower Upper

43 100

58 33.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

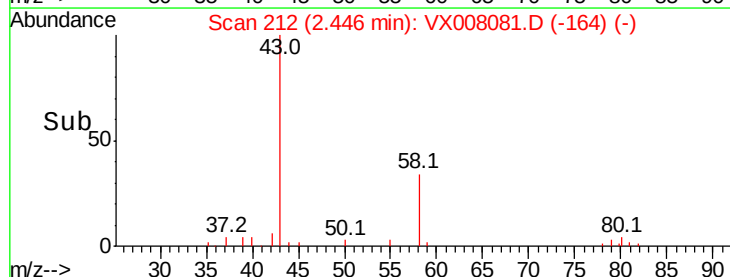
1500

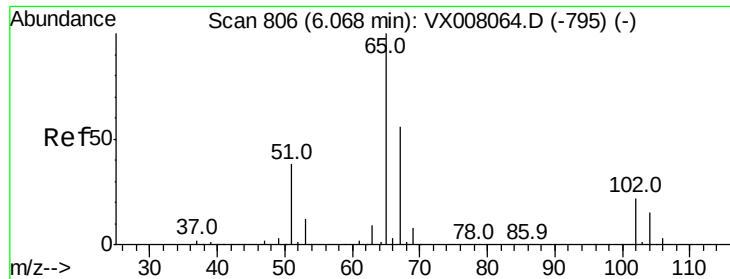
1000

500

0

Time--> 2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 49.009 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008081.D

Acq: 14 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

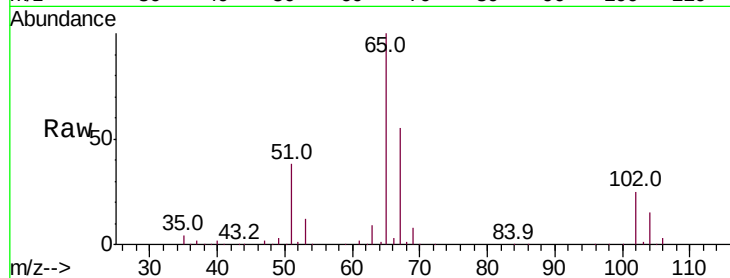
CPA-CPMW02S-M20W2-030419

Tot Ion: 65 Resp: 157782

Ion Ratio Lower Upper

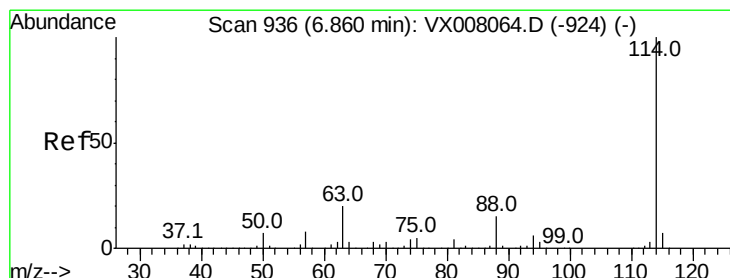
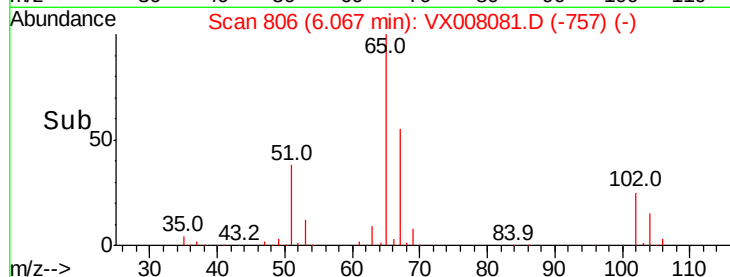
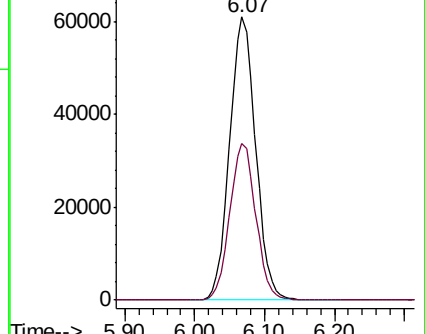
65 100

67 55.1 0.0 110.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008081.D

Acq: 14 Mar 2019 20:40

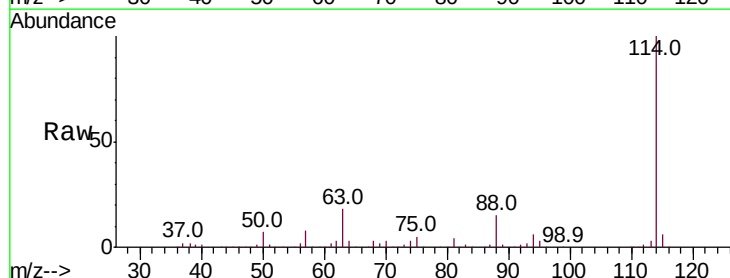
Tgt Ion: 114 Resp: 488956

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.8

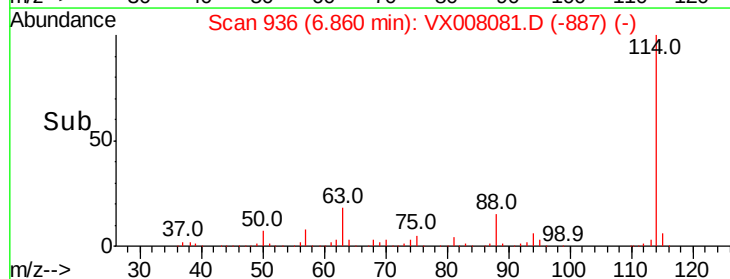
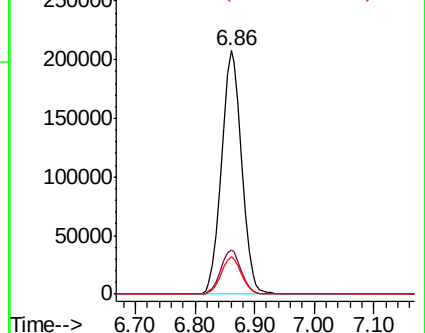
88 15.5 0.0 31.4

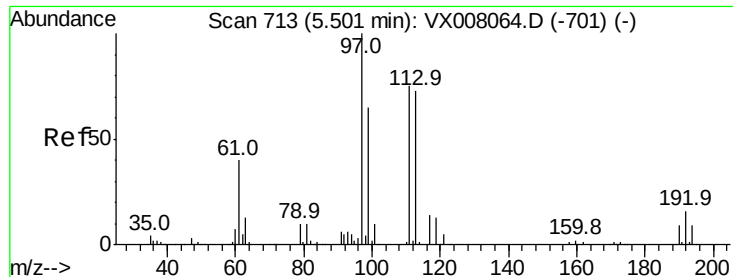


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.431 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008081.D

Acq: 14 Mar 2019 20:40

Instrument :

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ClientSampleId :

CPA-CPMW02S-M20W2-030419

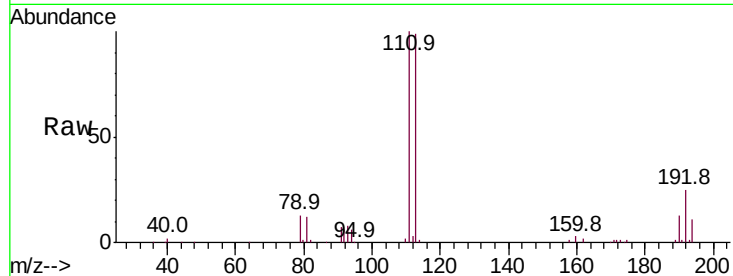
Tot Ion:113 Resp: 153271

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

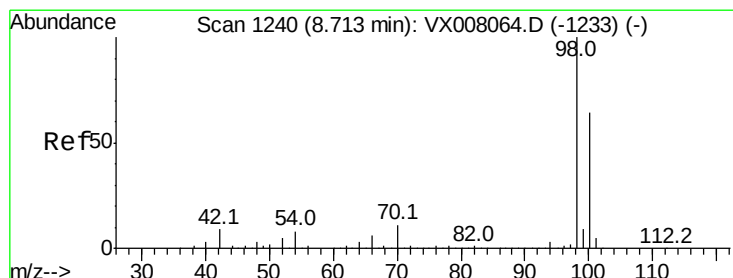
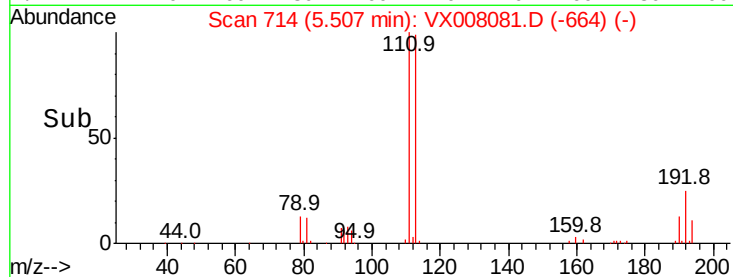
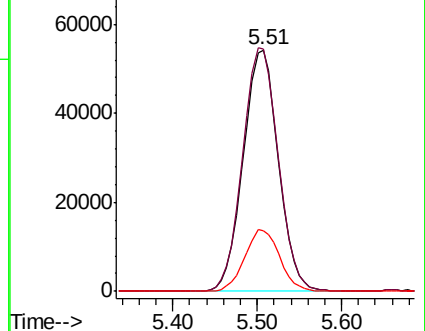
192 25.5 19.4 29.0



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: 49.654 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008081.D

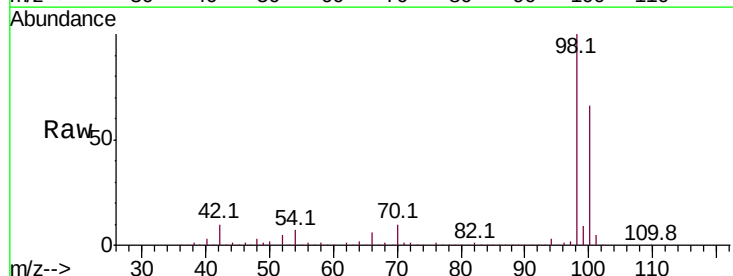
Acq: 14 Mar 2019 20:40

Tgt Ion: 98 Resp: 585563

Ion Ratio Lower Upper

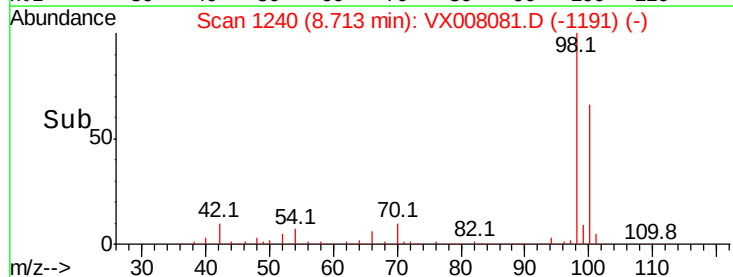
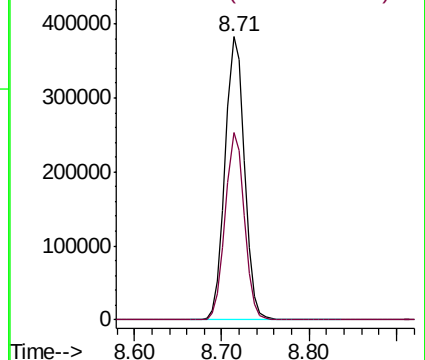
98 100

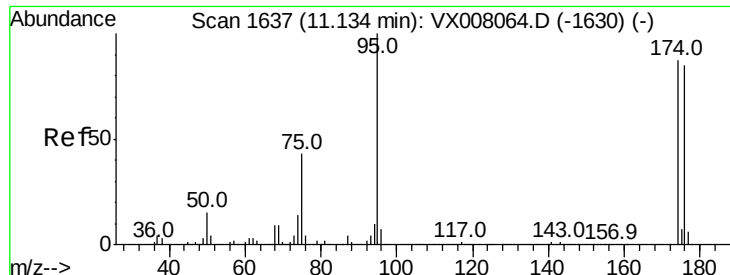
100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.320 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008081.D

Acq: 14 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02S-M20W2-030419

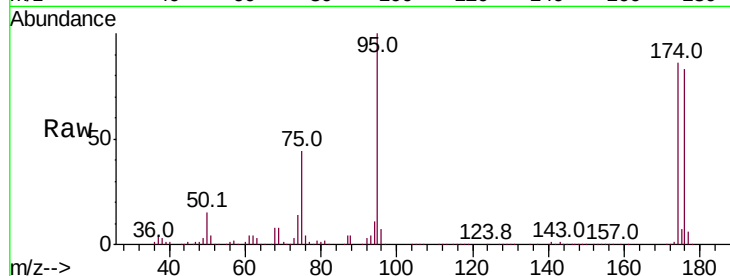
Tot Ion: 95 Resp: 216809

Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.8

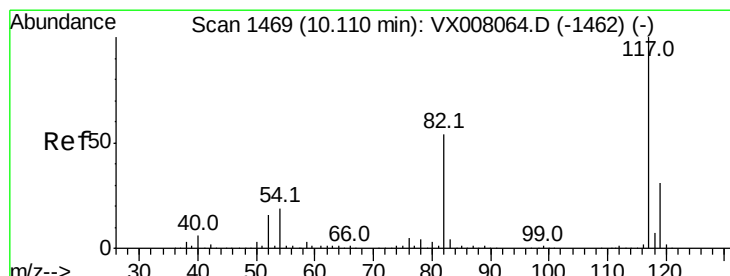
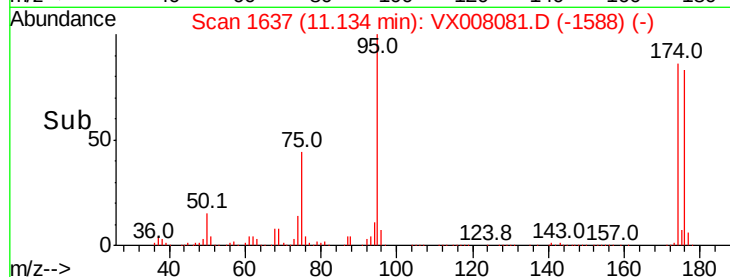
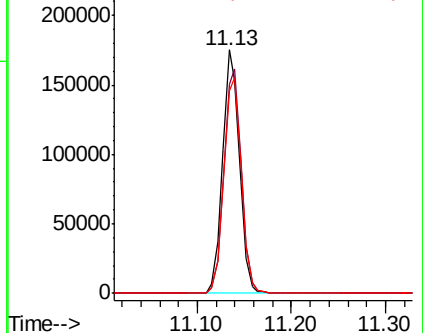
176 92.1 0.0 178.0



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008081.D

Acq: 14 Mar 2019 20:40

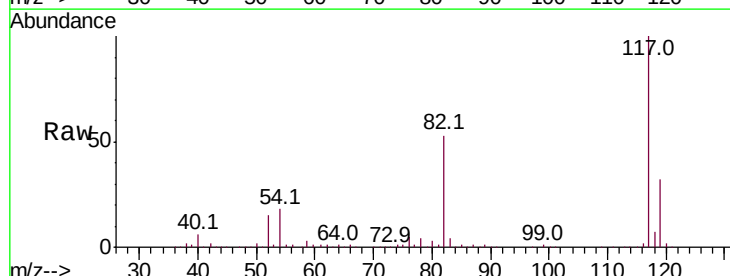
Tgt Ion: 117 Resp: 463718

Ion Ratio Lower Upper

117 100

82 53.1 44.3 66.5

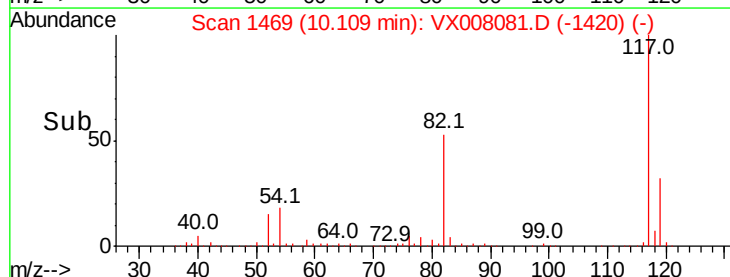
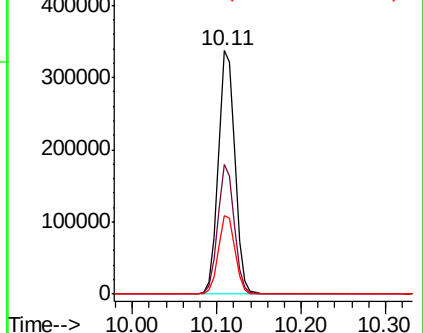
119 32.0 25.3 37.9

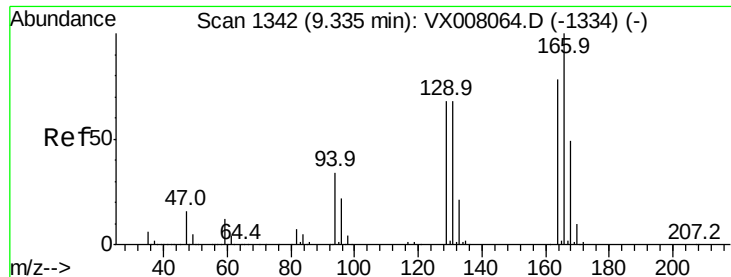


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.490 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008081.D

Acq: 14 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02S-M20W2-030419

Tot Ion:164 Resp: 1841

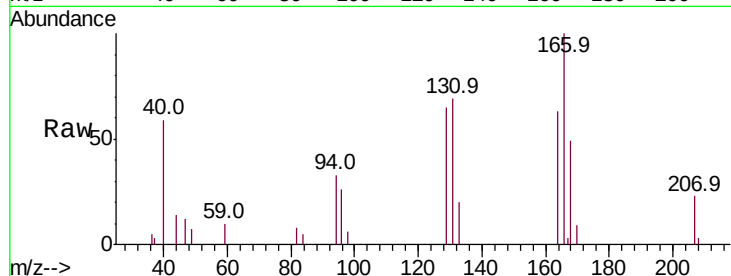
Ion Ratio Lower Upper

164 100

166 157.8 103.4 155.0#

129 103.2 72.2 108.4

131 108.8 69.4 104.2#



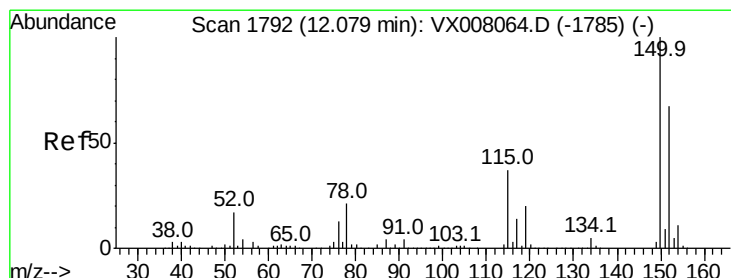
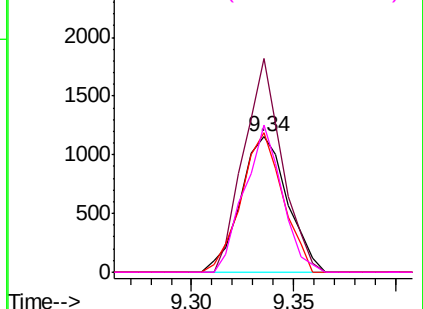
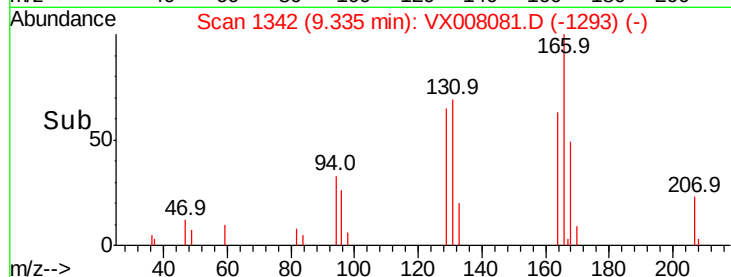
Abundance

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: VX008081.D

Acq: 14 Mar 2019 20:40

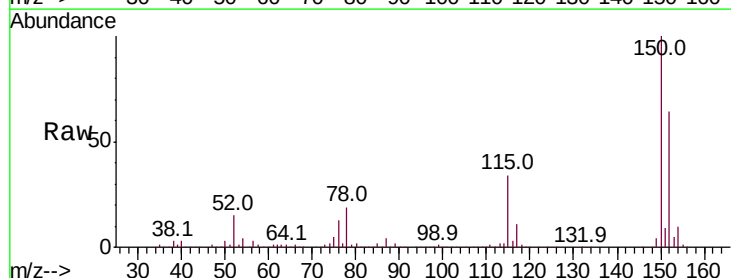
Tgt Ion:152 Resp: 226644

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

150 156.7 0.0 348.4



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

