

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008083.D
 Acq On : 14 Mar 2019 21:33
 Operator : JC/SP
 Sample : K1829-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW02D-M20W2-030419

Quant Time: Mar 15 05:10:57 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

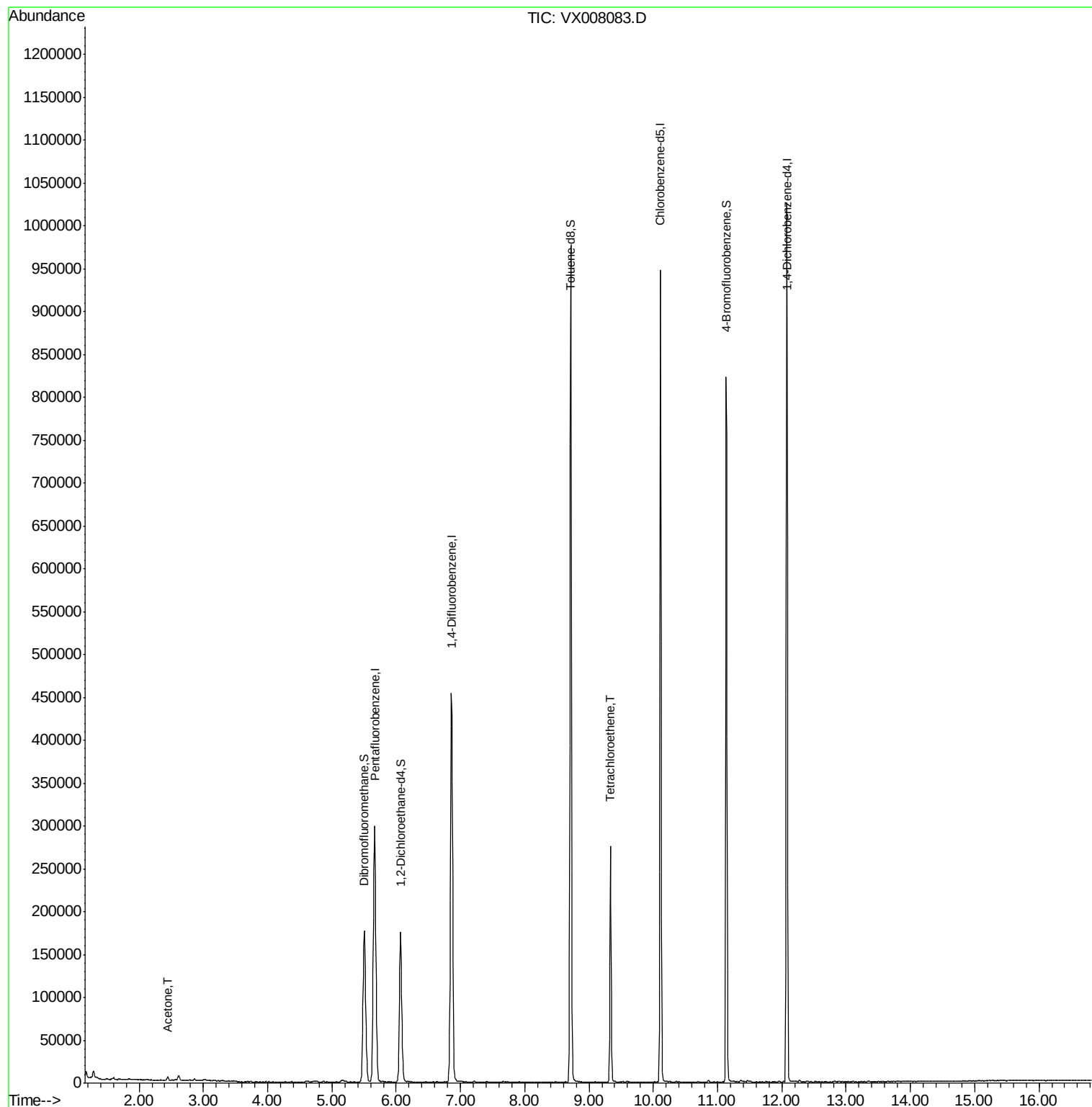
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	493242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	466587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159899	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
35) Dibromofluoromethane	5.50	113	155550	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	590927	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	219857	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
Target Compounds						
16) Acetone	2.45	43	4483	2.932	ug/l	93
64) Tetrachloroethene	9.34	164	57241	15.141	ug/l	99

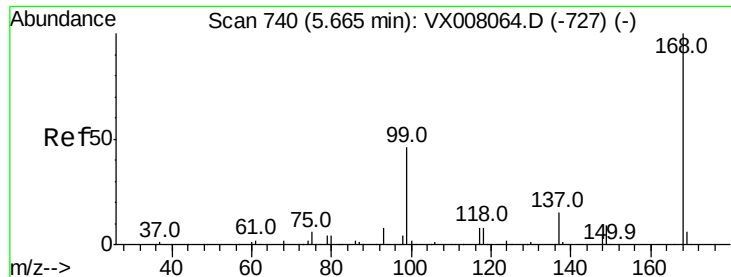
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008083.D

Acq: 14 Mar 2019 21:33

Instrument :

MSVOA_X

ClientSampleId :

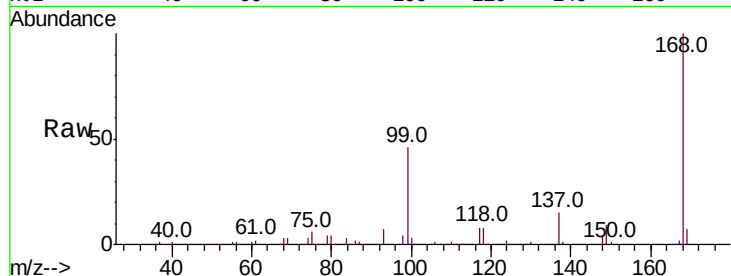
CPA-CPMW02D-M20W2-030419

Tot Ion:168 Resp: 321059

Ion Ratio Lower Upper

168 100

99 45.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

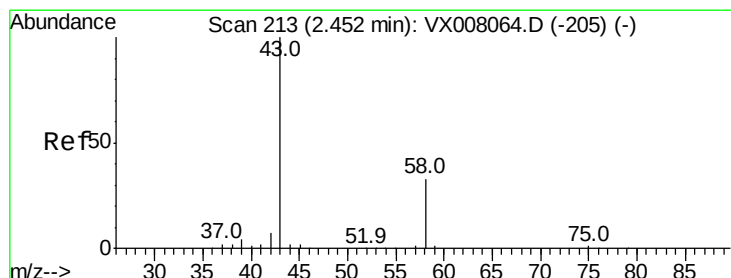
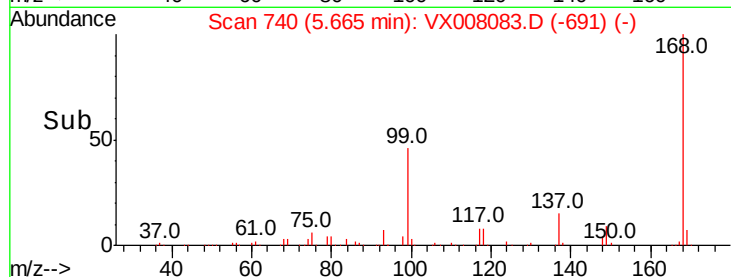
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.932 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008083.D

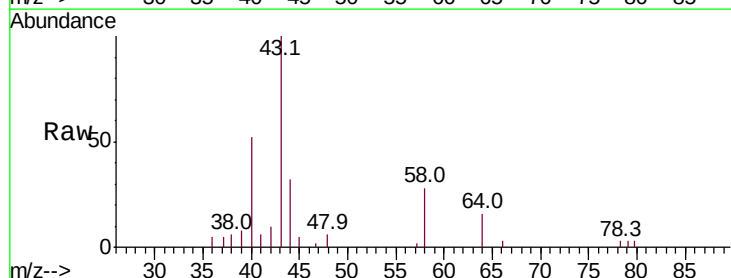
Acq: 14 Mar 2019 21:33

Tgt Ion: 43 Resp: 4483

Ion Ratio Lower Upper

43 100

58 28.2 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

2500

2000

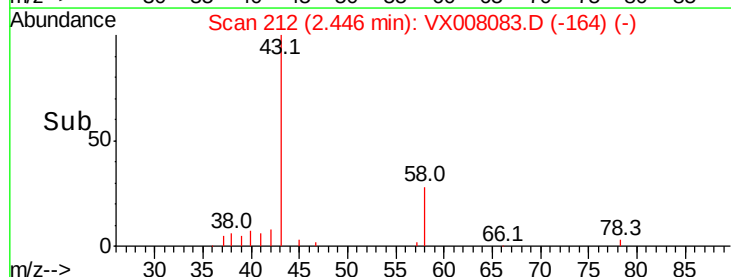
1500

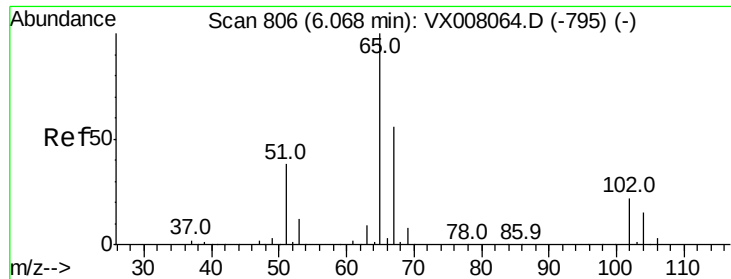
1000

500

0

Time--> 2.40 2.45 2.50 2.55

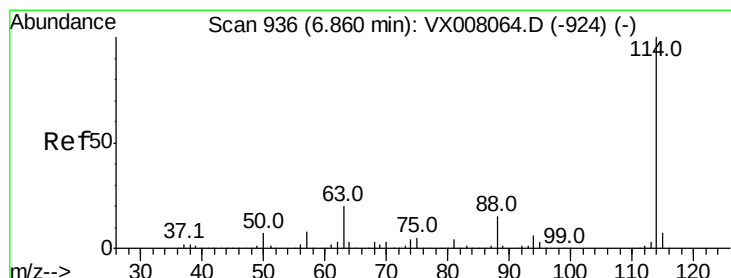
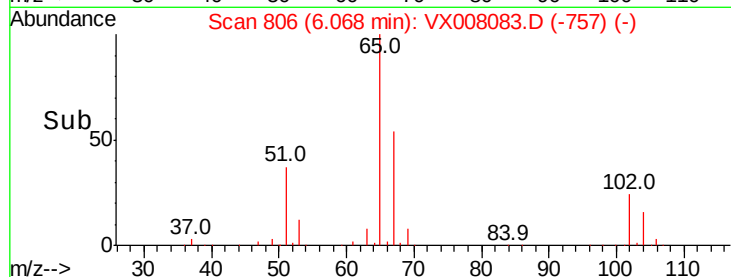
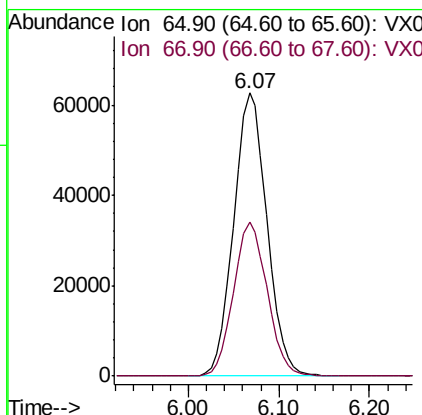
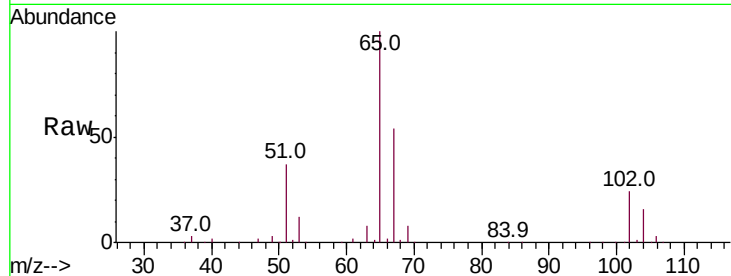




#33
 1,2-Dichloroethane-d4
 Concen: 49.372 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX008083.D
 Acq: 14 Mar 2019 21:33

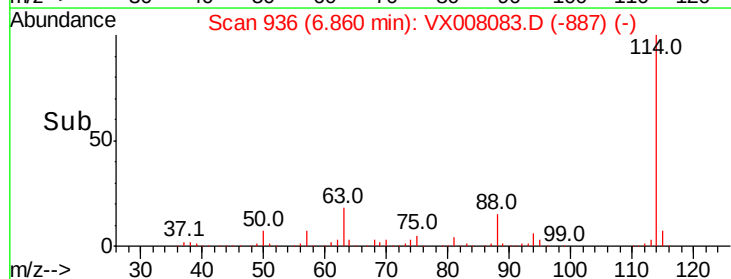
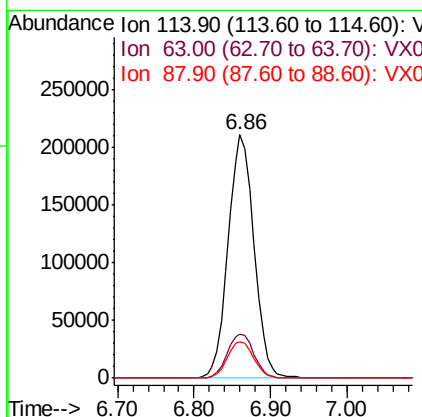
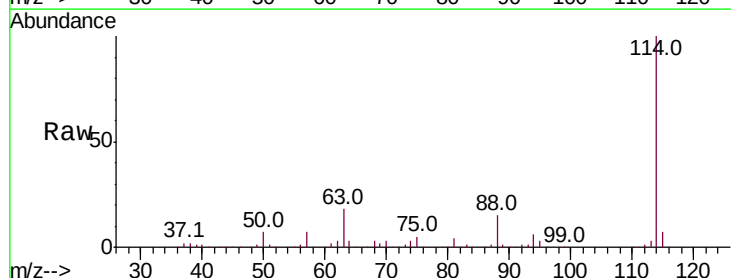
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW02D-M20W2-030419

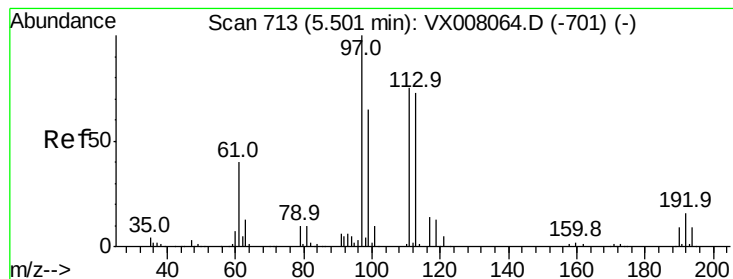
Tot Ion: 65 Resp: 159899
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008083.D
 Acq: 14 Mar 2019 21:33

Tgt Ion: 114 Resp: 493242
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.730 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008083.D

Acq: 14 Mar 2019 21:33

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02D-M20W2-030419

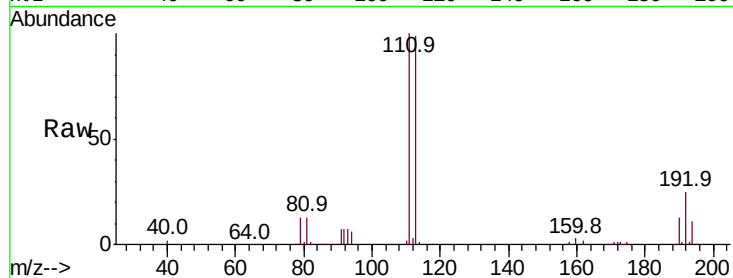
Tot Ion:113 Resp: 155550

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

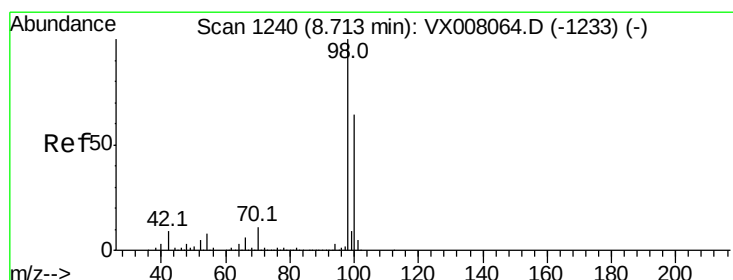
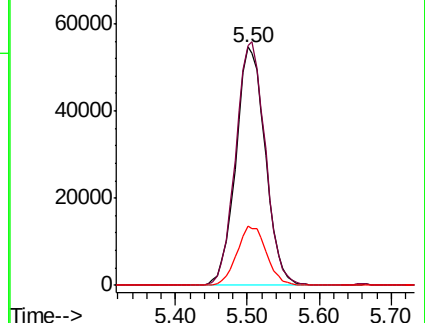
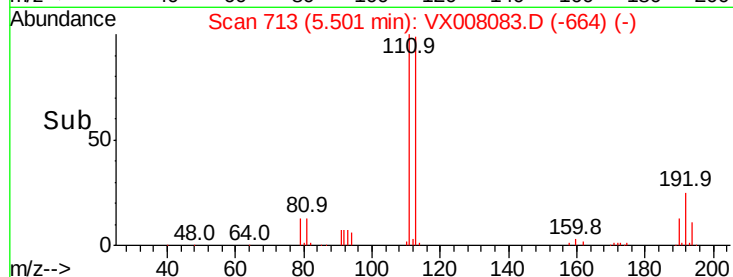
192 24.8 19.4 29.0



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: 49.673 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008083.D

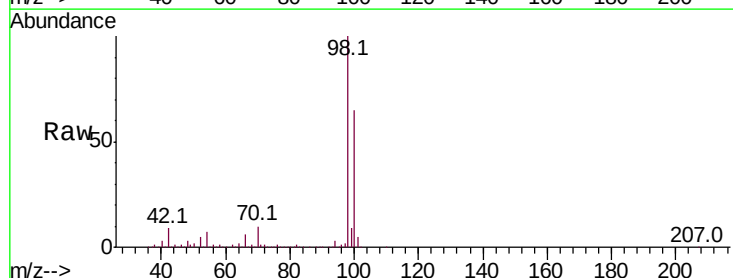
Acq: 14 Mar 2019 21:33

Tgt Ion: 98 Resp: 590927

Ion Ratio Lower Upper

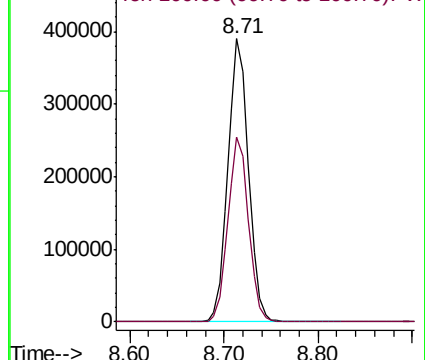
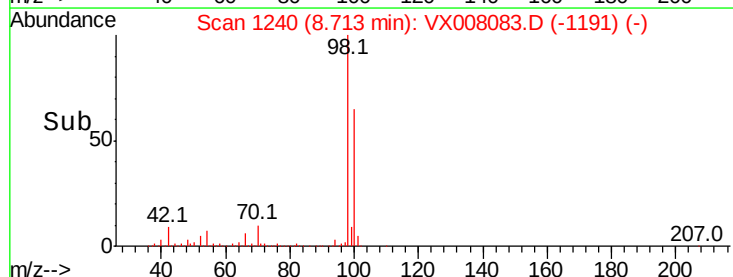
98 100

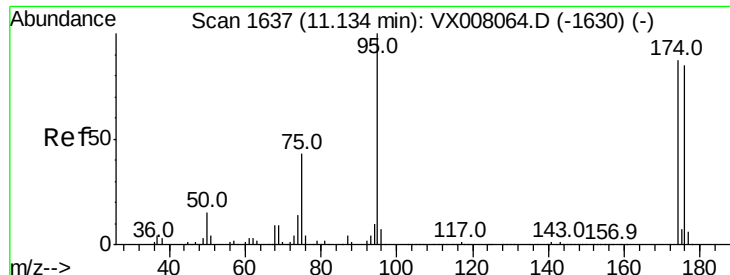
100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

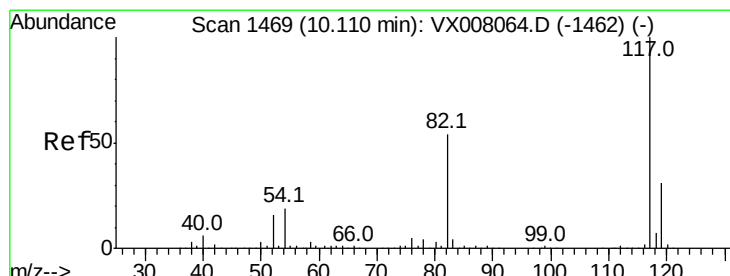
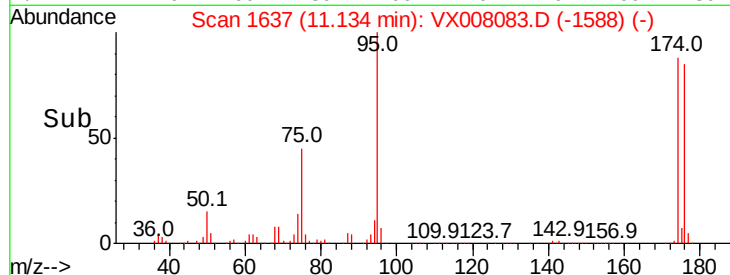
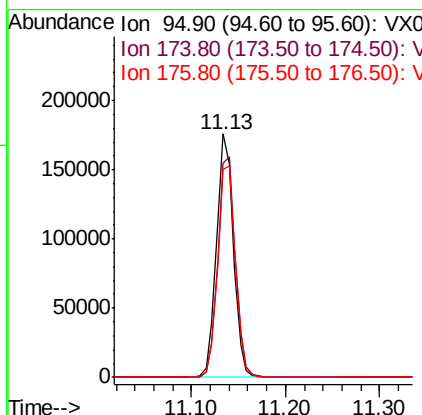
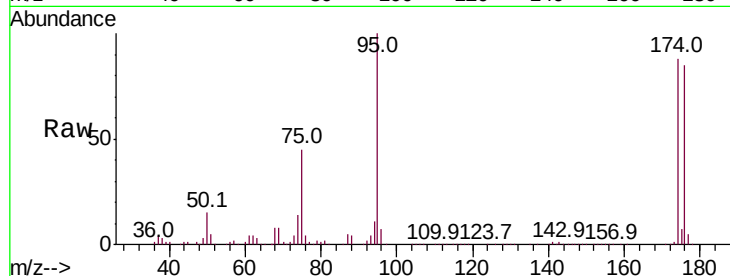




#62
4-Bromofluorobenzene
Concen: 51.590 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008083.D
Acq: 14 Mar 2019 21:33

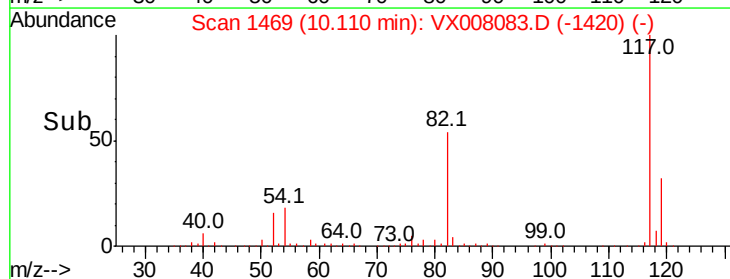
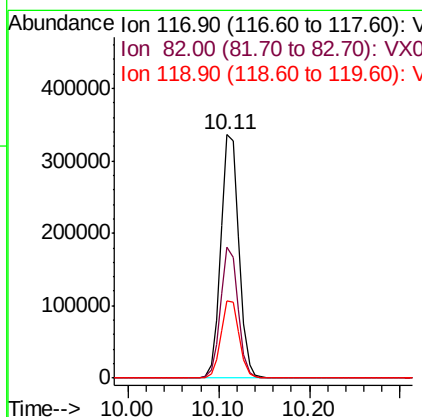
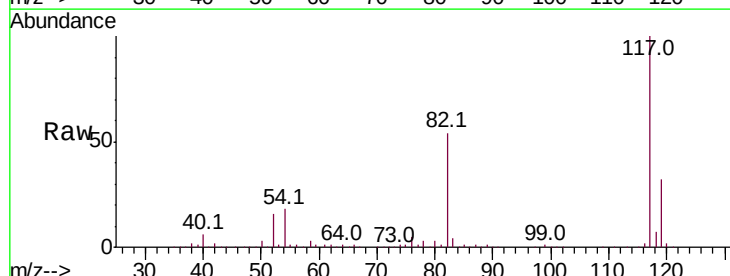
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW02D-M20W2-030419

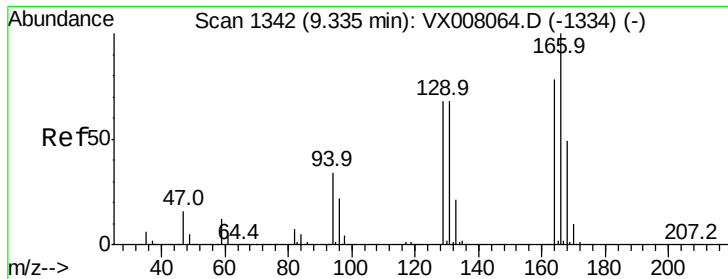
Tot Ion: 95 Resp: 219857
Ion Ratio Lower Upper
95 100
174 94.0 0.0 182.8
176 91.3 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008083.D
Acq: 14 Mar 2019 21:33

Tgt Ion: 117 Resp: 466587
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.8 25.3 37.9





#64

Tetrachloroethene

Concen: 15.141 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008083.D

Acq: 14 Mar 2019 21:33

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02D-M20W2-030419

Tot Ion:164 Resp: 57241

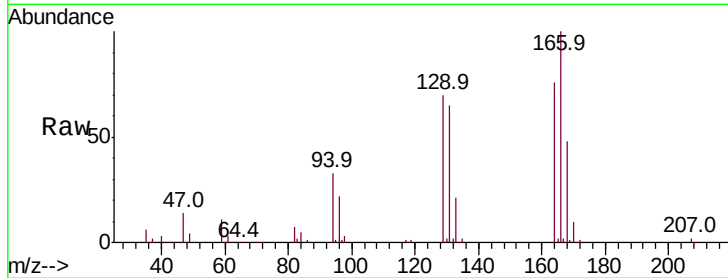
Ion Ratio Lower Upper

164 100

166 130.9 103.4 155.0

129 91.0 72.2 108.4

131 85.5 69.4 104.2

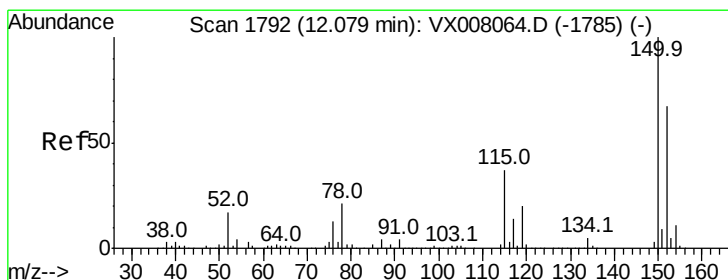
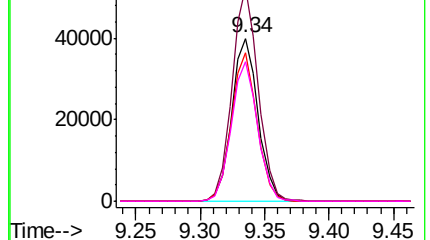
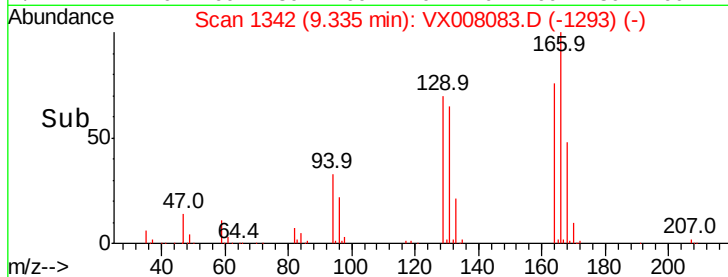


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008083.D

Acq: 14 Mar 2019 21:33

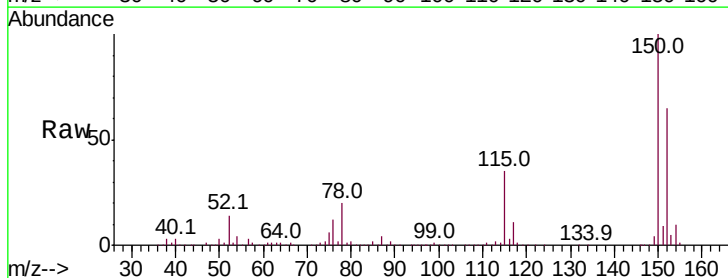
Tgt Ion:152 Resp: 230159

Ion Ratio Lower Upper

152 100

115 54.3 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

