

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008056.D
 Acq On : 13 Mar 2019 18:23
 Operator : JC/SP
 Sample : K1828-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5D-R-M20W2-030619

Quant Time: Mar 14 04:50:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

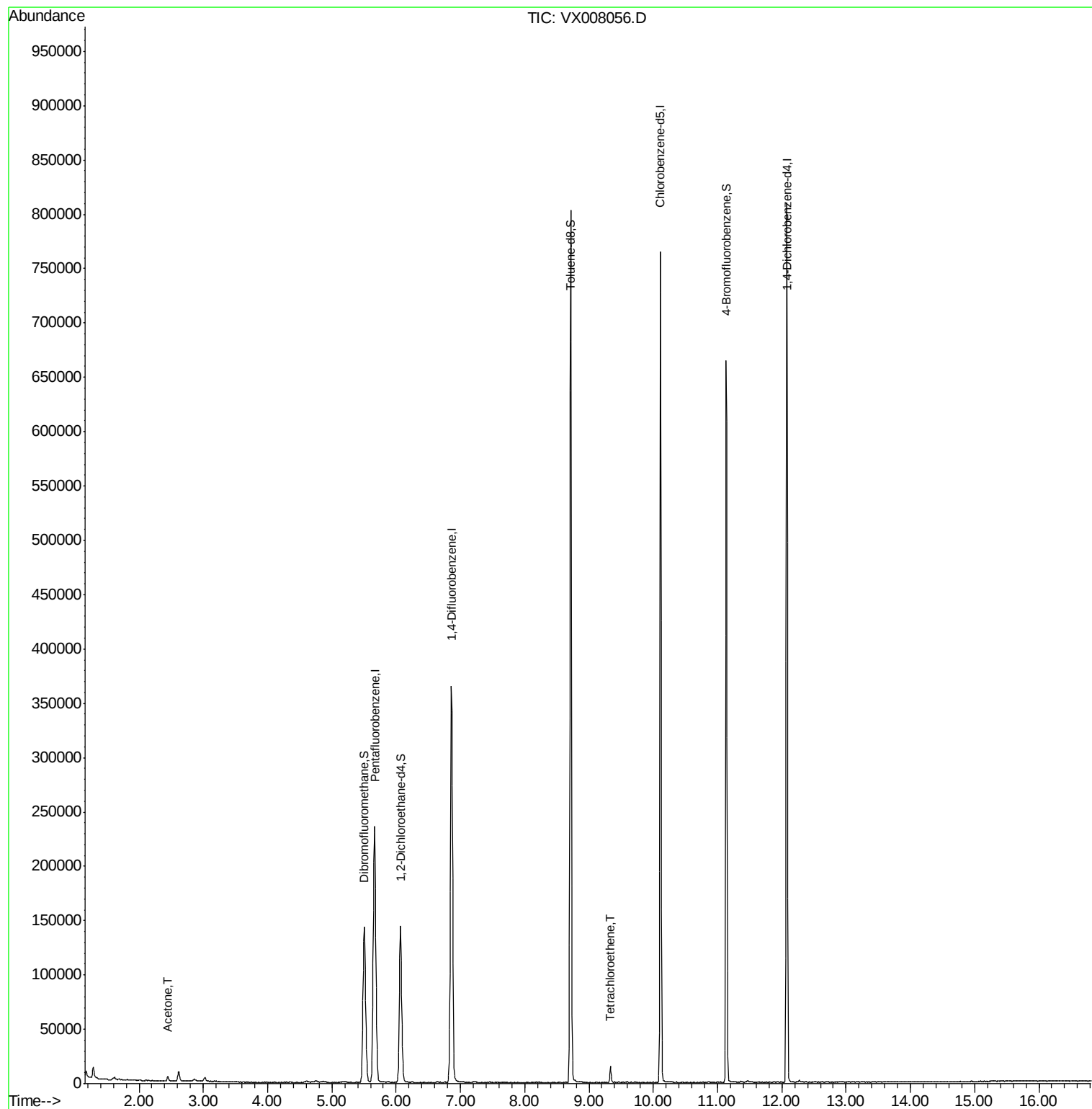
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133896	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	5.50	113	124530	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	8.71	98	474453	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.13	95	175719	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
Target Compounds						
16) Acetone	2.45	43	4397	2.849	ug/l	94
64) Tetrachloroethene	9.34	164	3226	1.049	ug/l	89

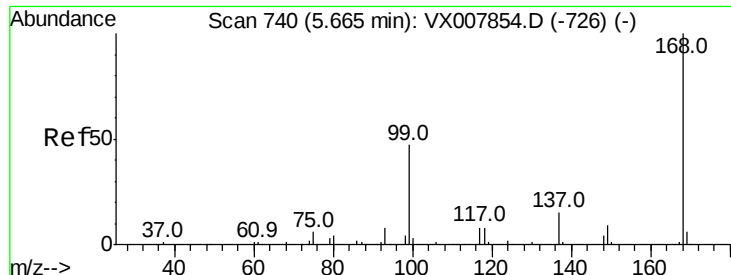
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

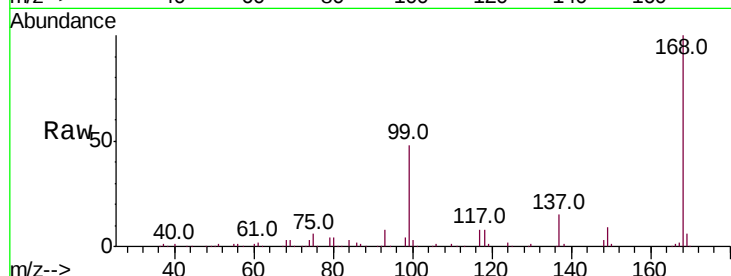
CPA-GMW-5D-R-M20W2-030619

Tot Ion:168 Resp: 252734

Ion Ratio Lower Upper

168 100

99 47.8 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

80000

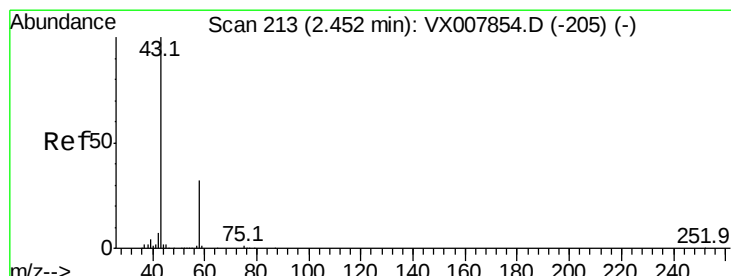
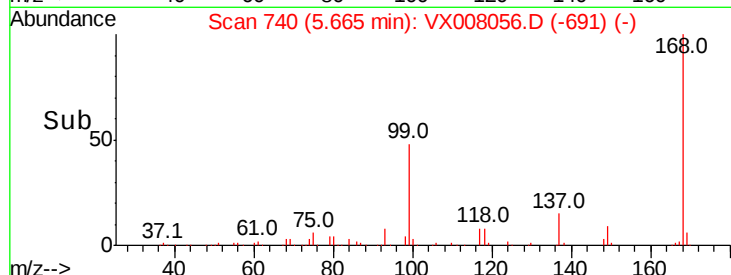
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.849 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008056.D

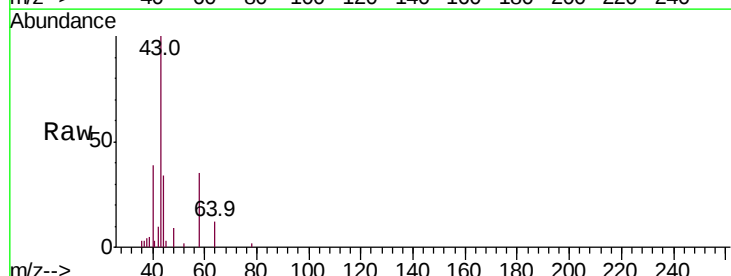
Acq: 13 Mar 2019 18:23

Tgt Ion: 43 Resp: 4397

Ion Ratio Lower Upper

43 100

58 35.0 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

2500

2000

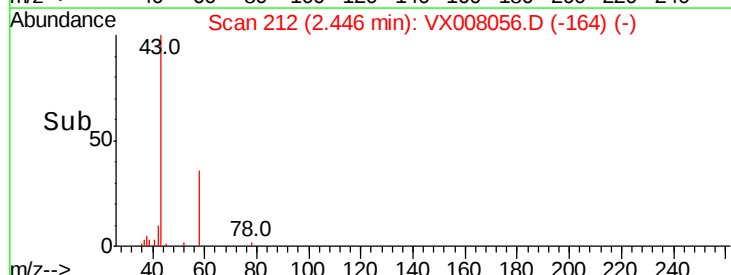
1500

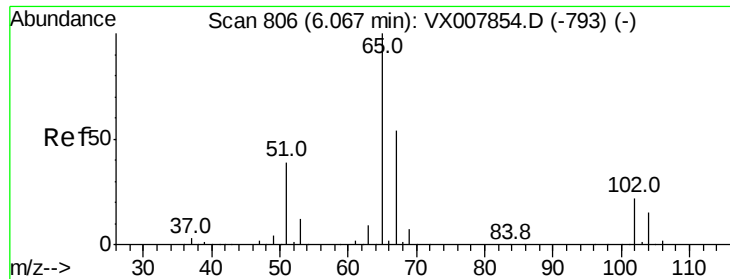
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55

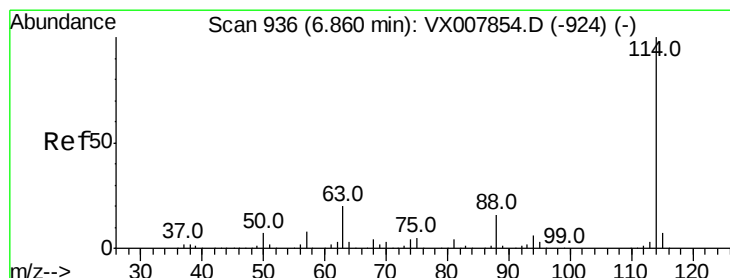
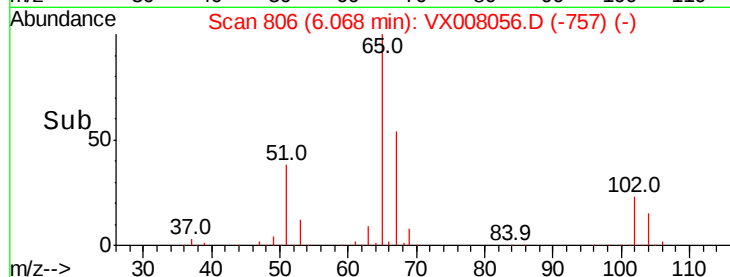
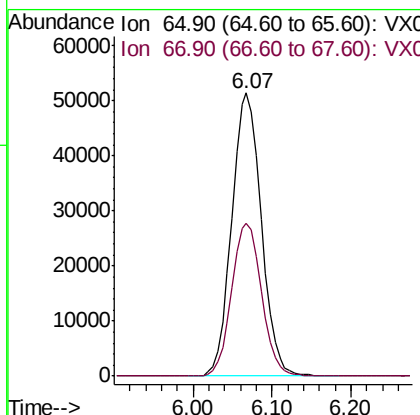
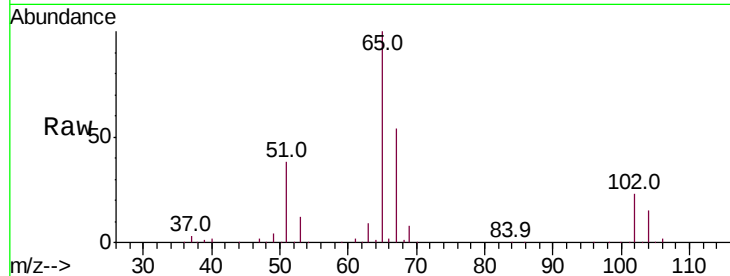




#33
 1,2-Dichloroethane-d4
 Concen: 50.222 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008056.D
 Acq: 13 Mar 2019 18:23

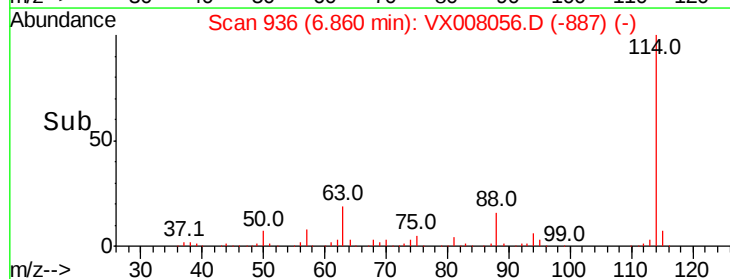
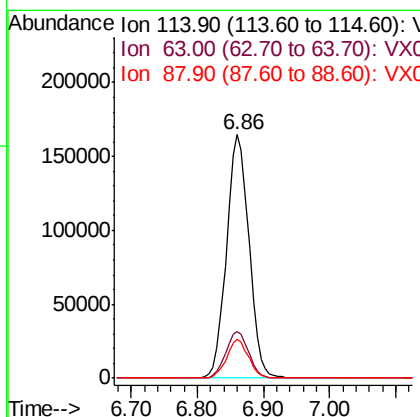
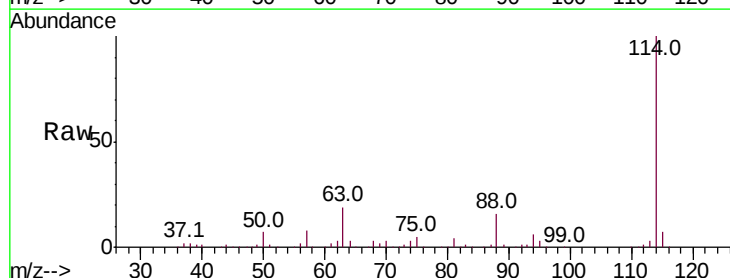
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5D-R-M20W2-030619

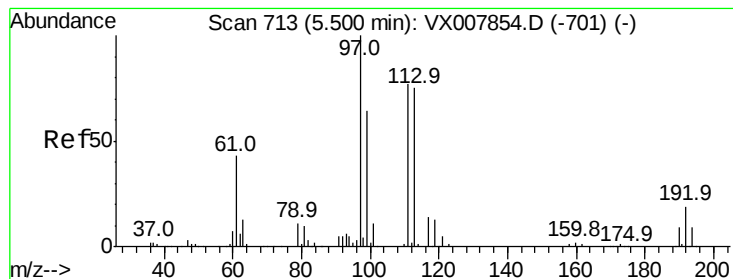
Tot Ion: 65 Resp: 133896
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008056.D
 Acq: 13 Mar 2019 18:23

Tgt Ion: 114 Resp: 388199
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.149 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5D-R-M20W2-030619

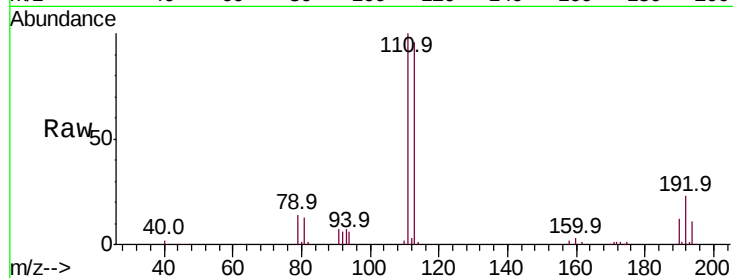
Tot Ion:113 Resp: 124530

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

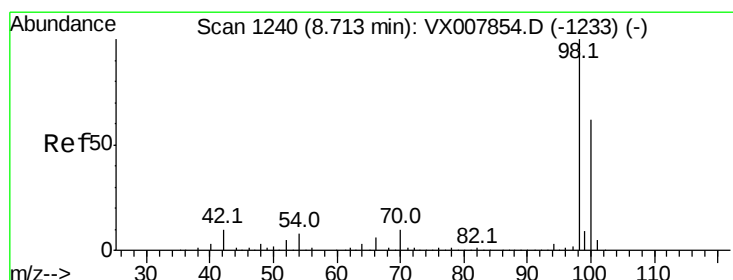
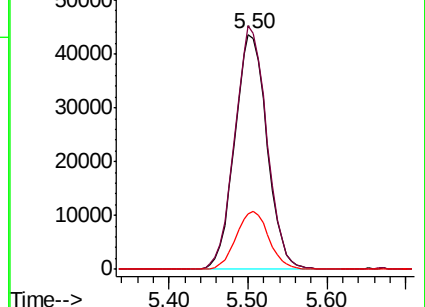
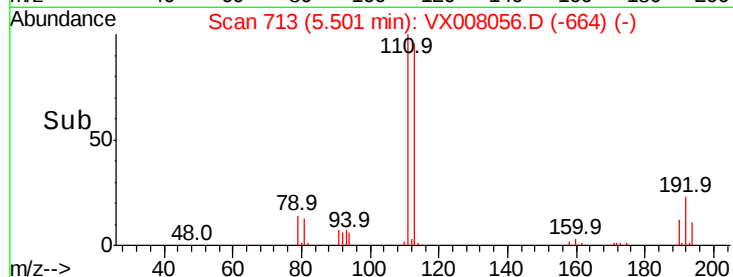
192 24.9 19.4 29.0



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: 52.026 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008056.D

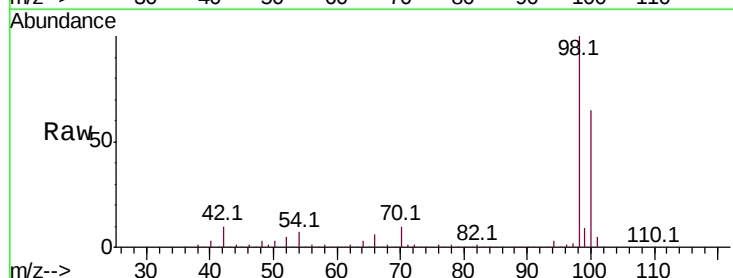
Acq: 13 Mar 2019 18:23

Tgt Ion: 98 Resp: 474453

Ion Ratio Lower Upper

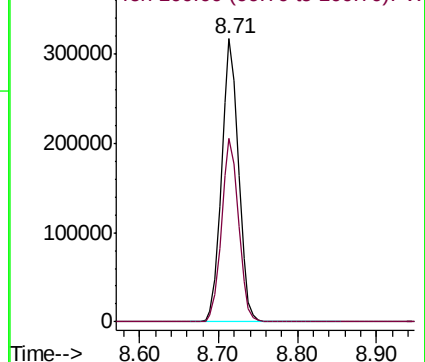
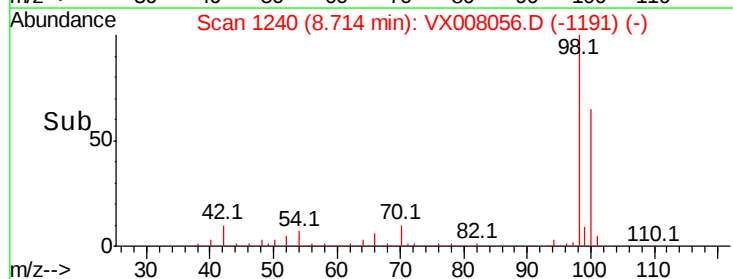
98 100

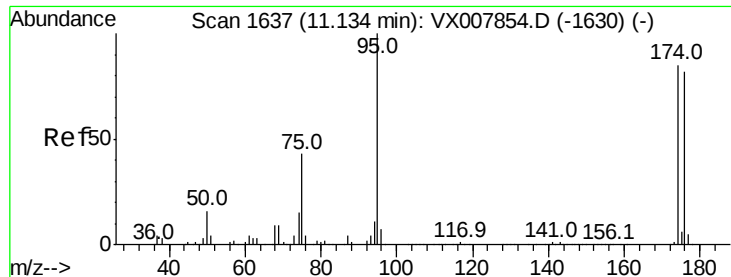
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.958 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5D-R-M20W2-030619

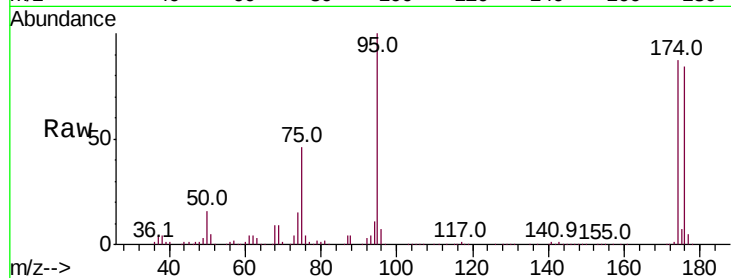
Tot Ion: 95 Resp: 175719

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

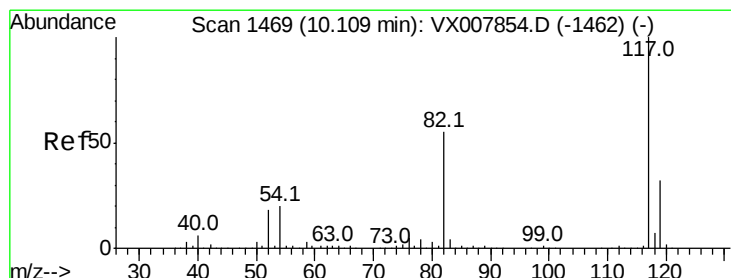
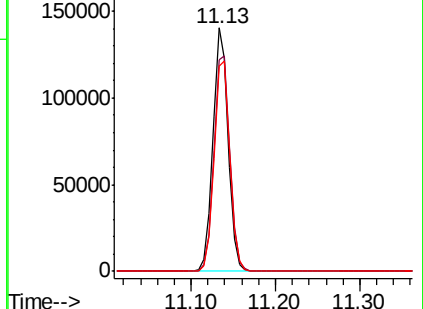
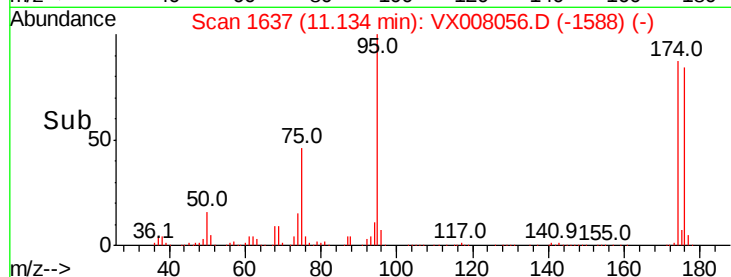
176 90.1 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

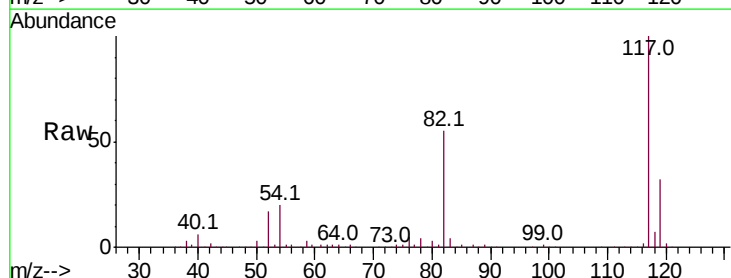
Tgt Ion: 117 Resp: 371234

Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

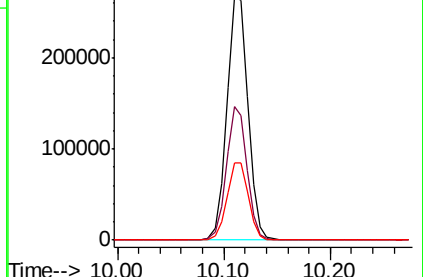
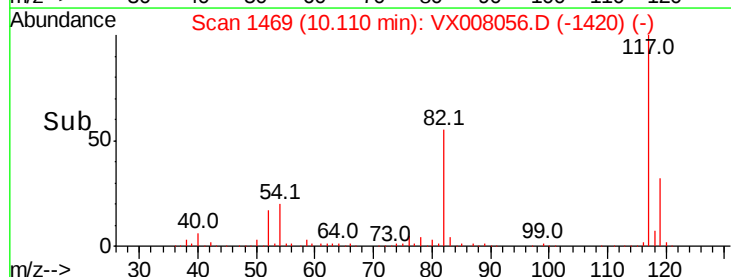
119 31.9 25.3 37.9

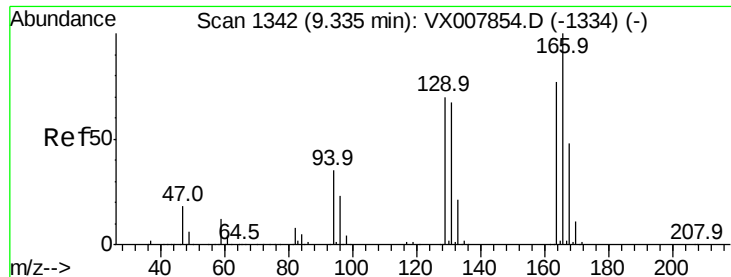


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)





#64

Tetrachloroethene

Concen: 1.049 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008056.D

Acq: 13 Mar 2019 18:23

Instrument :

MSVOA_X

ClientSampleId :

CPA-GMW-5D-R-M20W2-030619

Tot Ion:164 Resp: 3226

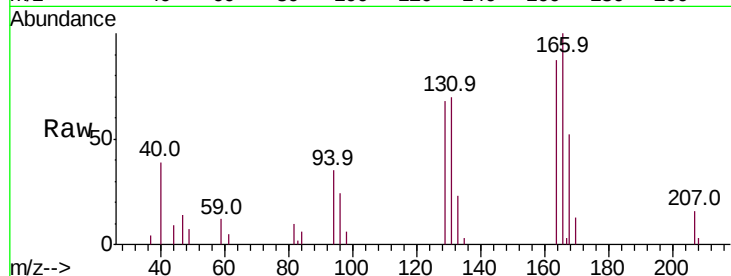
Ion Ratio Lower Upper

164 100

166 115.5 103.4 155.0

129 78.5 72.2 108.4

131 80.5 69.4 104.2



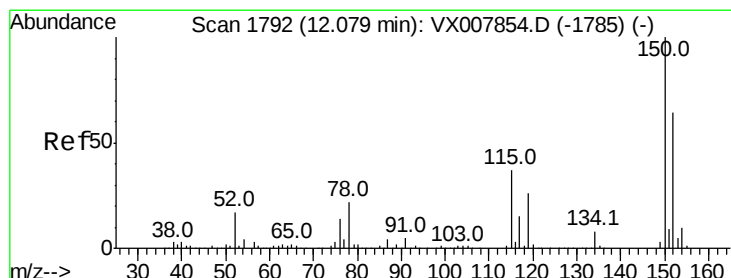
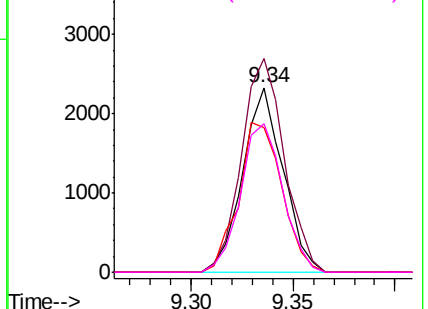
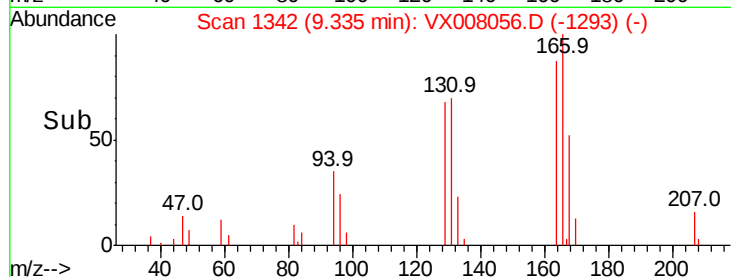
Abundance

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: VX008056.D

Acq: 13 Mar 2019 18:23

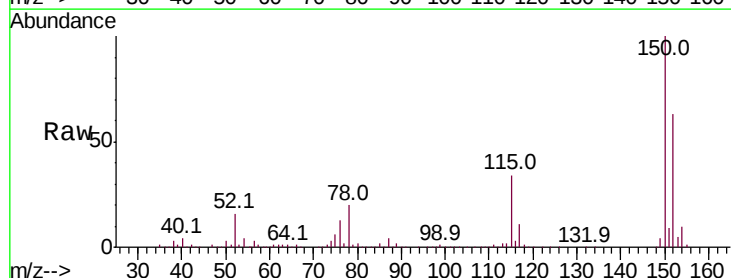
Tgt Ion:152 Resp: 181500

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

150 157.2 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

