

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008053.D
 Acq On : 13 Mar 2019 17:03
 Operator : JC/SP
 Sample : K1828-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M20W2-030619

Quant Time: Mar 14 04:45:31 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

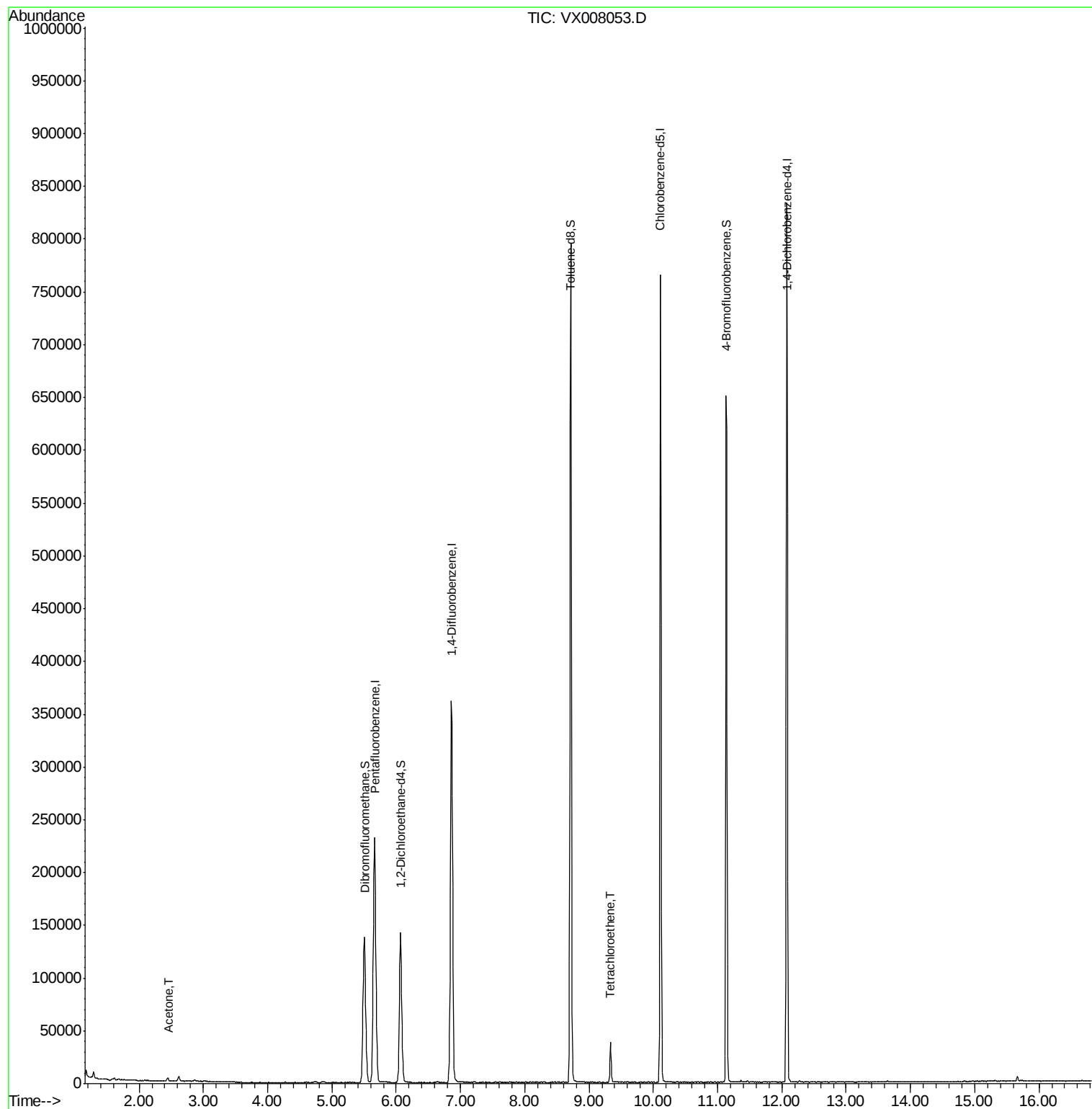
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	129889	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	5.51	113	120670	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	476922	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.13	95	174128	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
Target Compounds						
16) Acetone	2.45	43	3480	2.328	ug/l	98
64) Tetrachloroethene	9.34	164	7892	2.562	ug/l	96

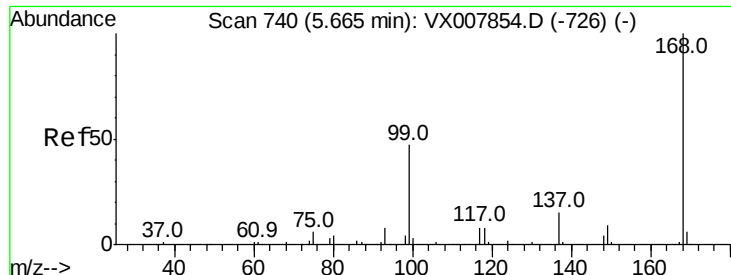
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008053.D

Acq: 13 Mar 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

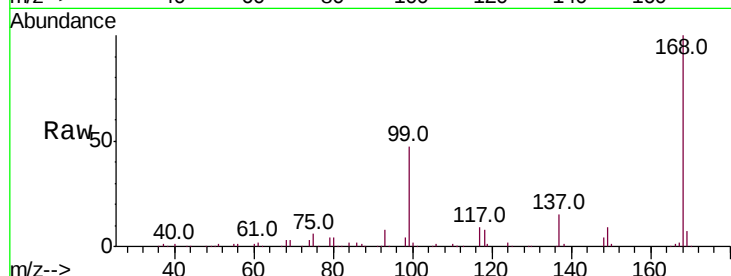
CPA-CPMW05S-M20W2-030619

Tot Ion:168 Resp: 244794

Ion Ratio Lower Upper

168 100

99 47.3 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

80000

60000

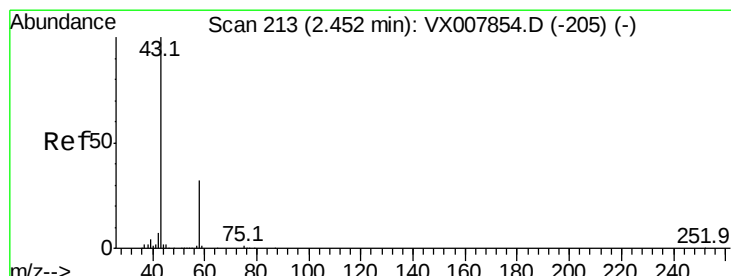
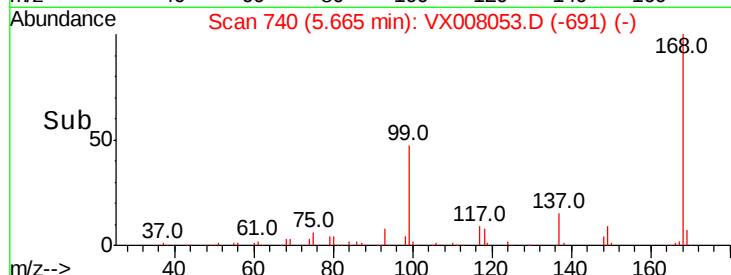
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 2.328 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008053.D

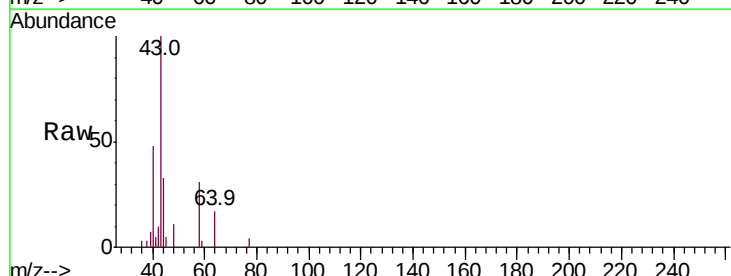
Acq: 13 Mar 2019 17:03

Tgt Ion: 43 Resp: 3480

Ion Ratio Lower Upper

43 100

58 30.8 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

2000

1500

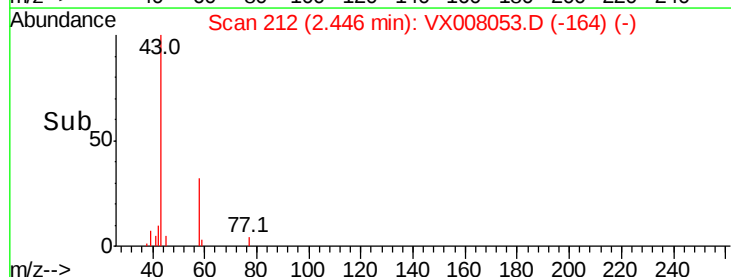
1000

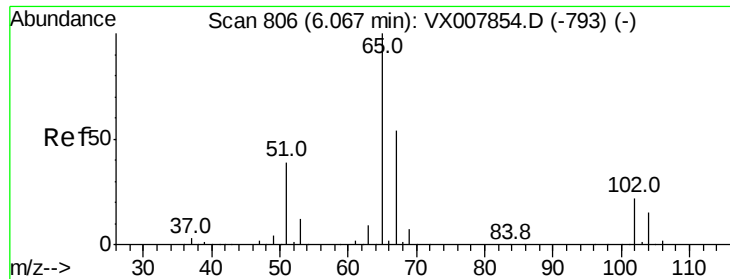
500

0

2.40 2.45 2.50 2.55

Time-->

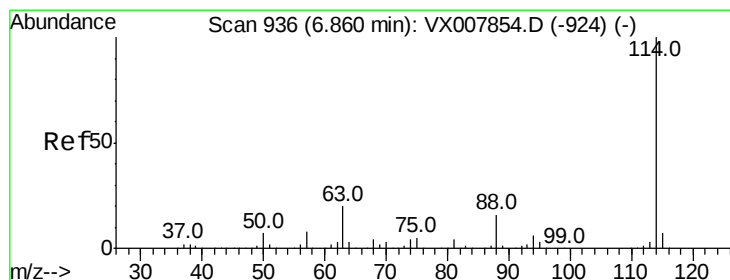
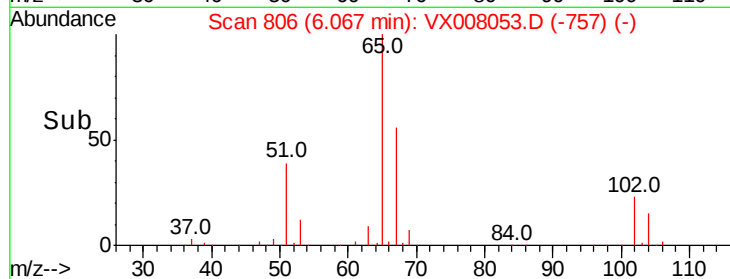
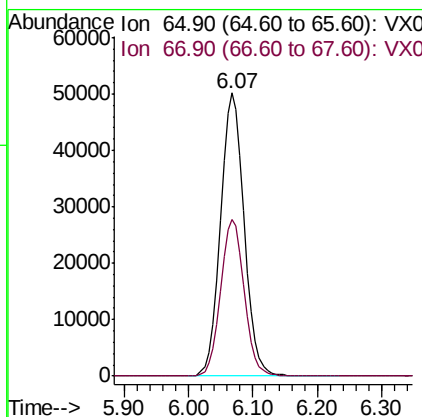
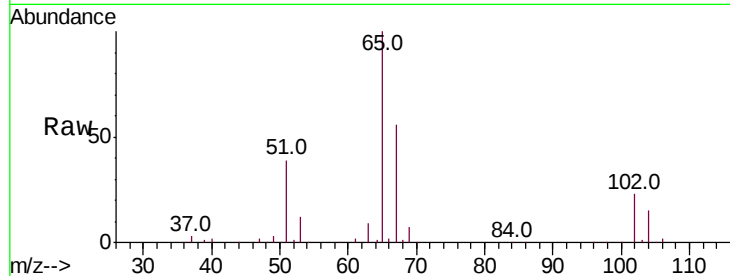




#33
 1,2-Dichloroethane-d4
 Concen: 50.299 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008053.D
 Acq: 13 Mar 2019 17:03

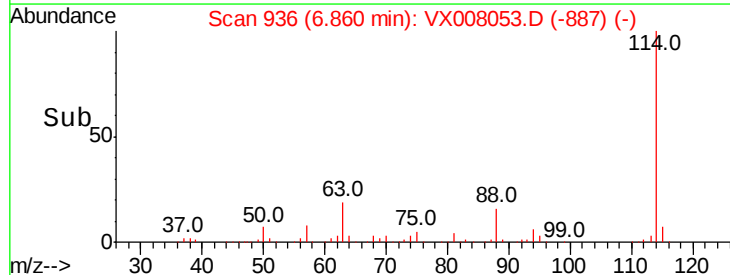
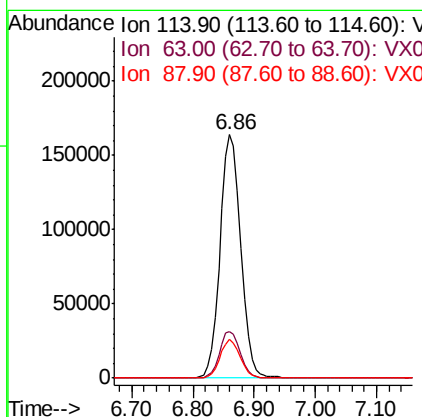
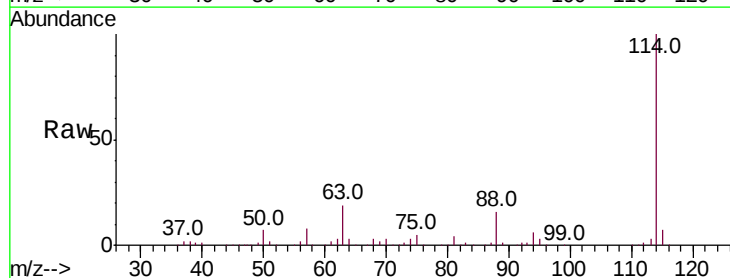
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M20W2-030619

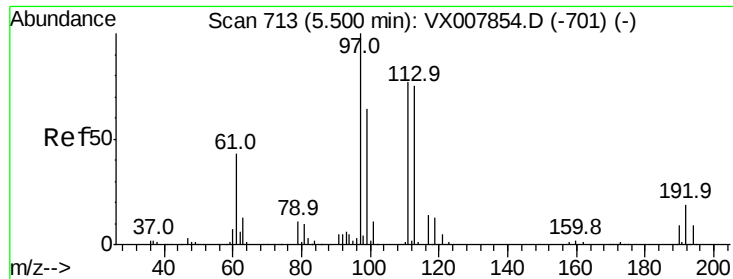
Tot Ion: 65 Resp: 129889
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008053.D
 Acq: 13 Mar 2019 17:03

Tgt Ion: 114 Resp: 385971
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.9 0.0 31.4

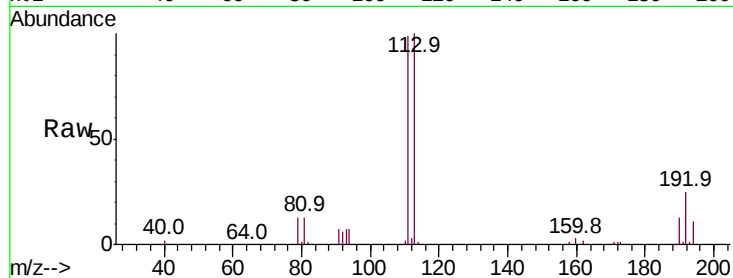




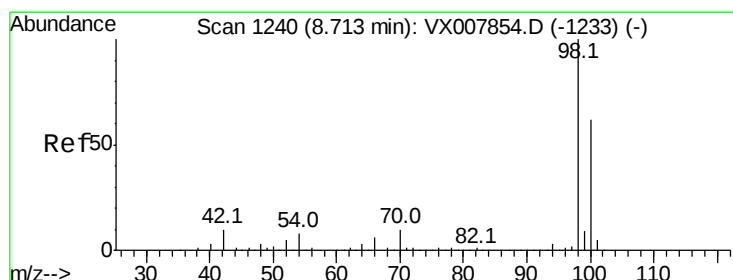
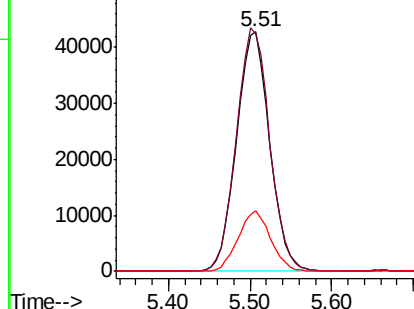
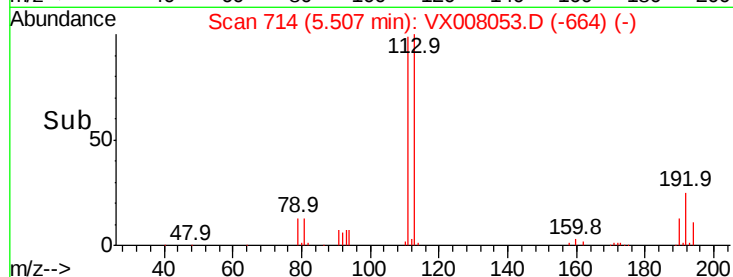
#35
 Dibromofluoromethane
 Concen: 48.875 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008053.D
 Acq: 13 Mar 2019 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M20W2-030619

Tot Ion:113 Resp: 120670
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 24.7 19.4 29.0

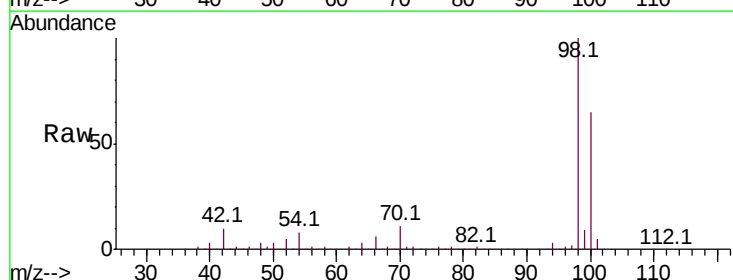


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

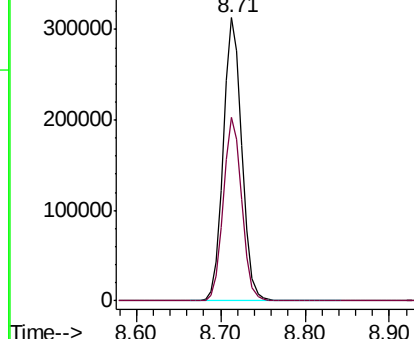
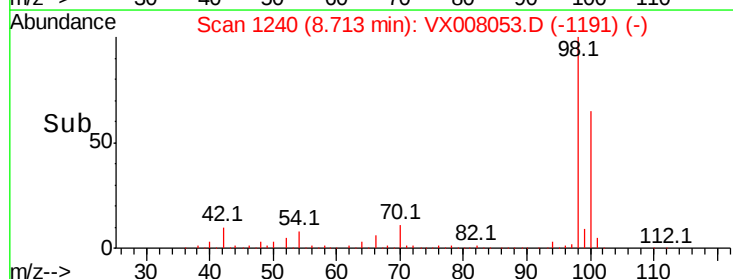


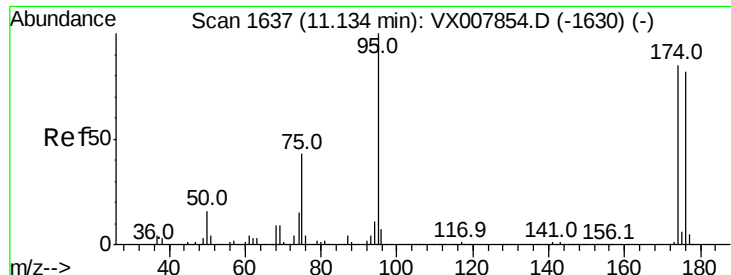
#50
 Toluene-d8
 Concen: 52.598 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008053.D
 Acq: 13 Mar 2019 17:03

Tgt Ion: 98 Resp: 476922
 Ion Ratio Lower Upper
 98 100
 100 64.5 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: 54.774 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M20W2-030619

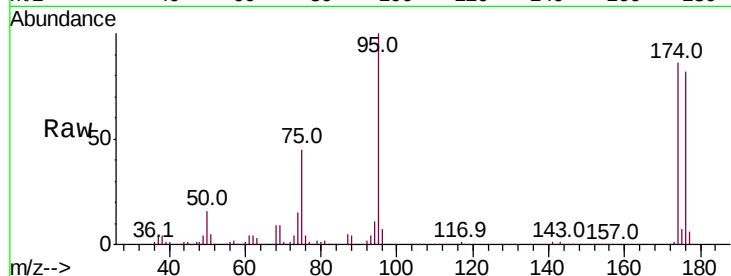
Tot Ion: 95 Resp: 174128

Ion Ratio Lower Upper

95 100

174 93.7 0.0 182.8

176 90.7 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) (-)

11.13

150000

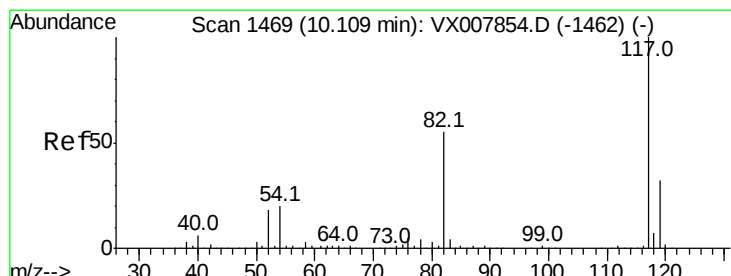
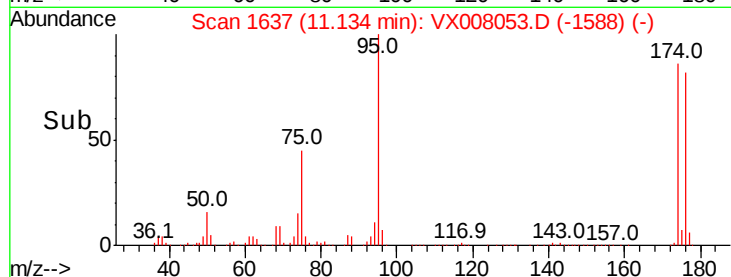
100000

50000

0

Time-->

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008053.D

Acq: 13 Mar 2019 17:03

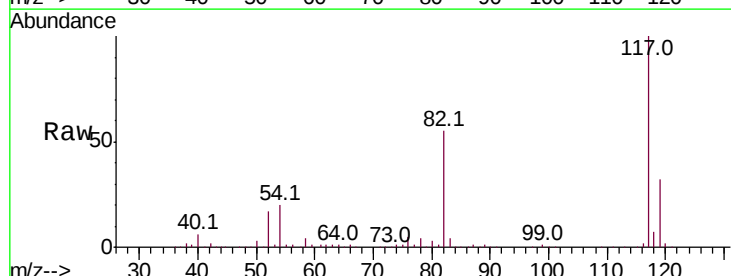
Tgt Ion: 117 Resp: 371707

Ion Ratio Lower Upper

117 100

82 55.4 44.3 66.5

119 32.4 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) (-)

10.11

300000

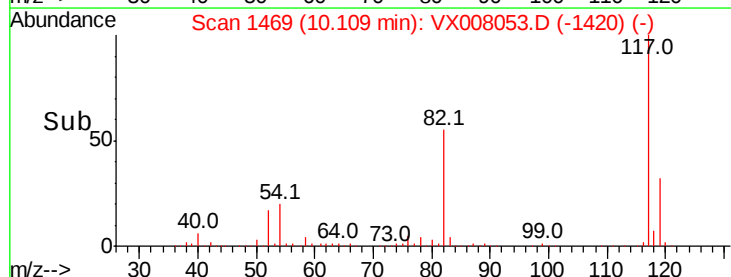
200000

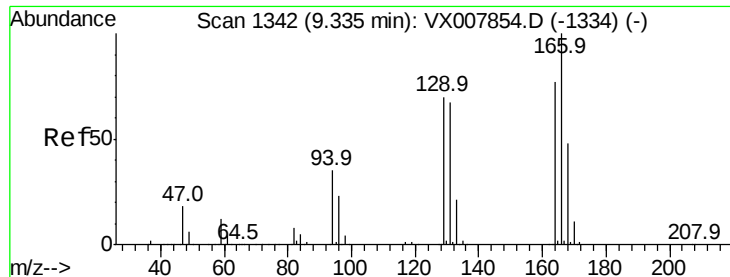
100000

0

Time-->

10.00 10.10 10.20

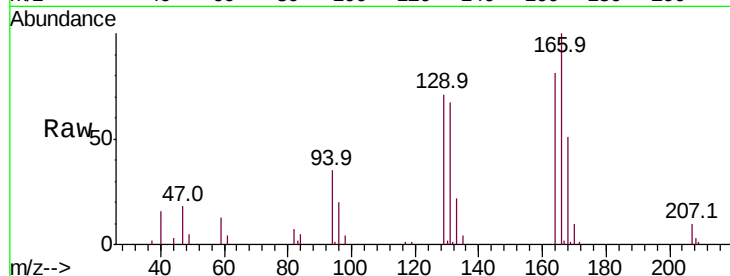




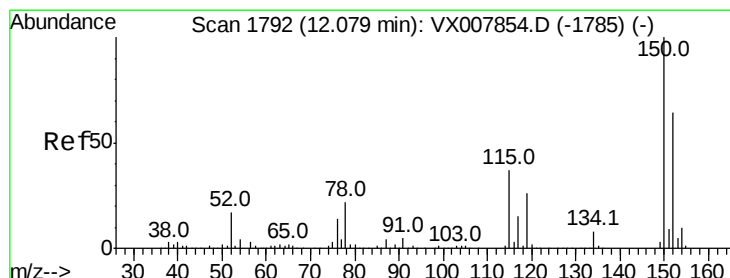
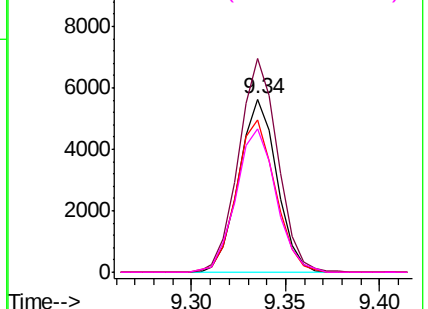
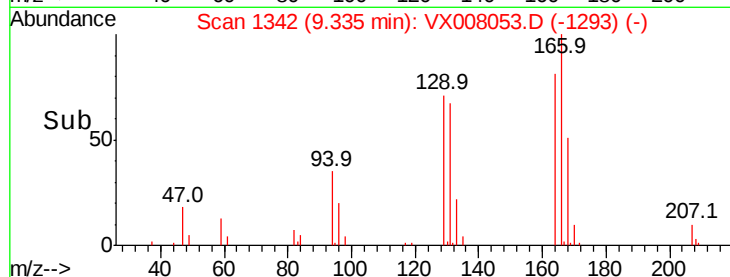
#64
Tetrachloroethene
Concen: 2.562 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008053.D
Acq: 13 Mar 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M20W2-030619

Tot Ion:164 Resp: 7892
Ion Ratio Lower Upper
164 100
166 123.3 103.4 155.0
129 88.1 72.2 108.4
131 82.5 69.4 104.2

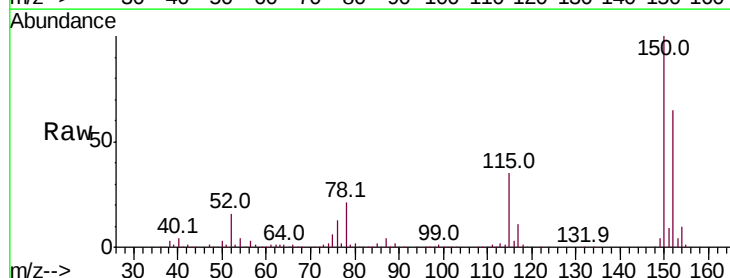


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008053.D
Acq: 13 Mar 2019 17:03

Tgt Ion:152 Resp: 181227
Ion Ratio Lower Upper
152 100
115 54.7 38.6 115.7
150 155.7 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

