

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008054.D
 Acq On : 13 Mar 2019 17:29
 Operator : JC/SP
 Sample : K1828-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619

Quant Time: Mar 14 04:47:05 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

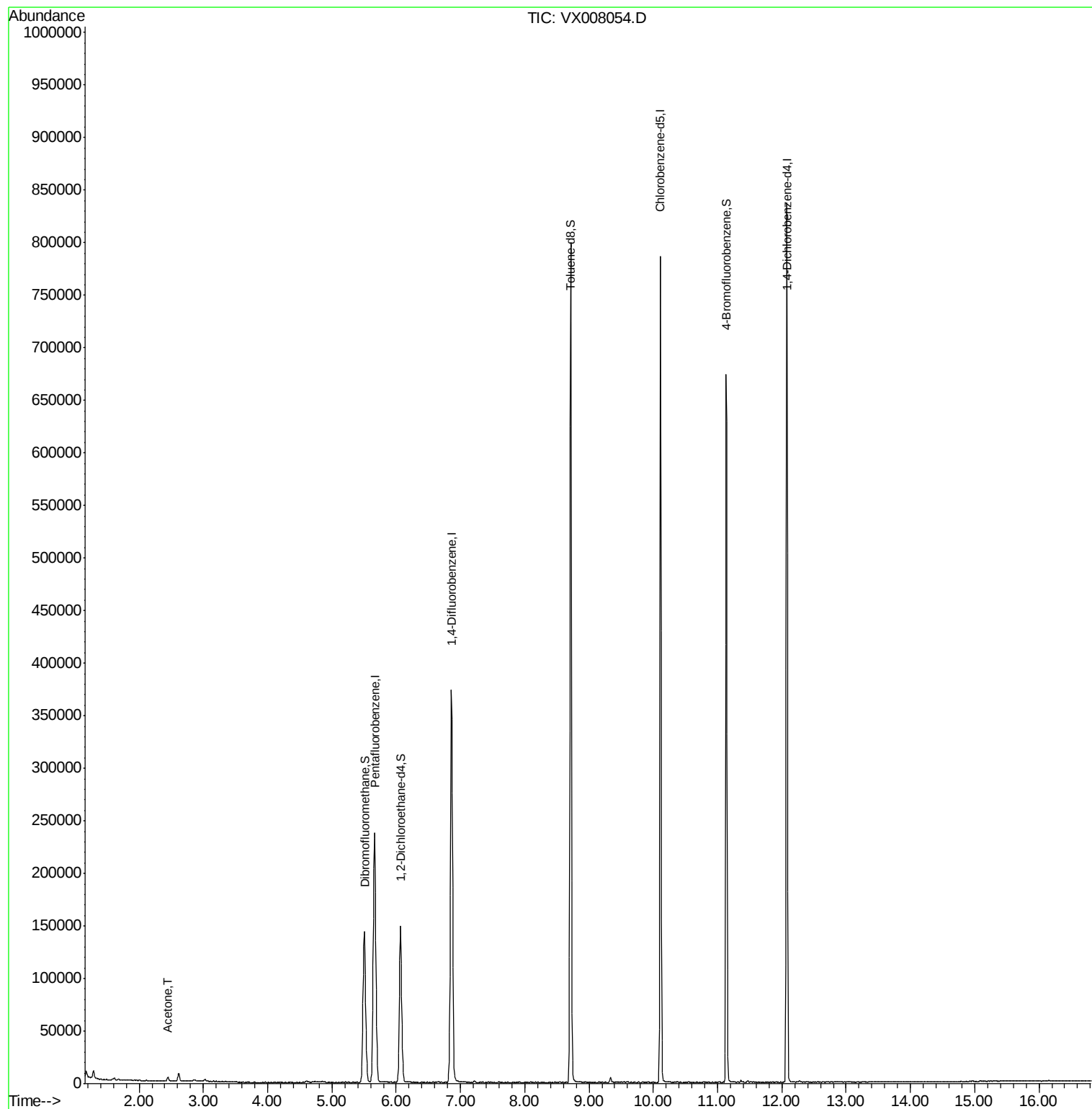
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135396	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
35) Dibromofluoromethane	5.51	113	124491	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	481572	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	181267	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
Target Compounds						
16) Acetone	2.45	43	4215	2.723	ug/l	Qvalue 90

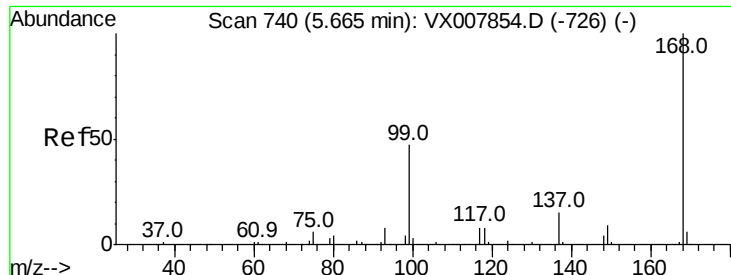
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008054.D

Acq: 13 Mar 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

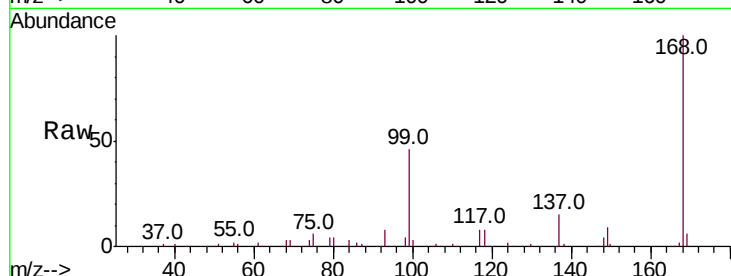
CPA-CPMW05D-M20W2-030619

Tot Ion:168 Resp: 253525

Ion Ratio Lower Upper

168 100

99 46.5 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

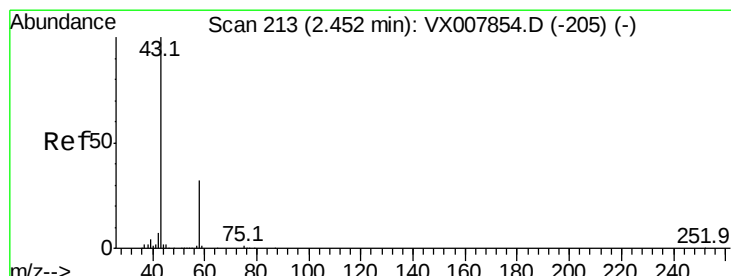
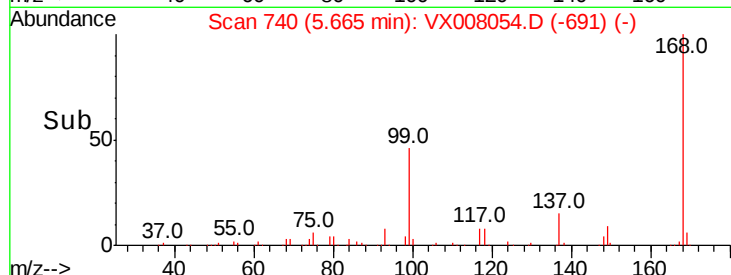
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.723 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008054.D

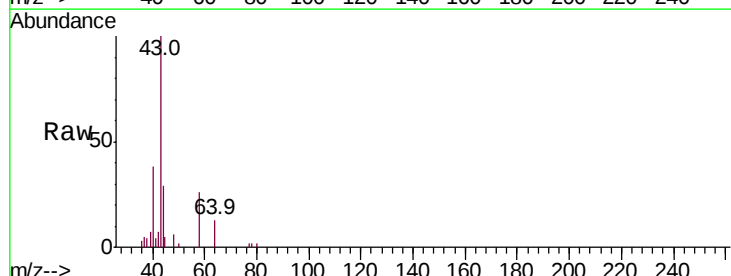
Acq: 13 Mar 2019 17:29

Tgt Ion: 43 Resp: 4215

Ion Ratio Lower Upper

43 100

58 26.3 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

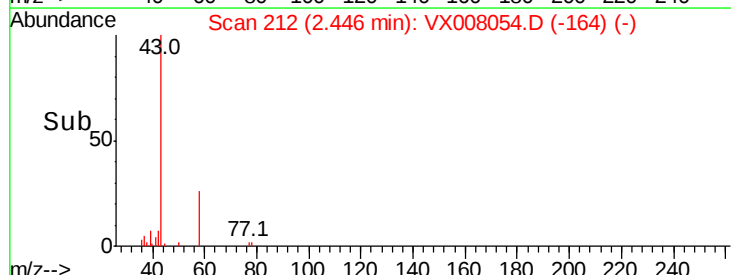
1500

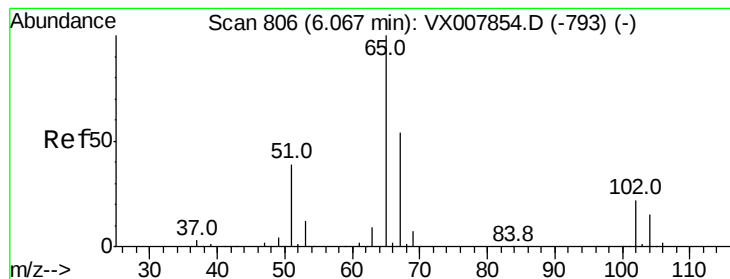
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 50.626 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008054.D

Acq: 13 Mar 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

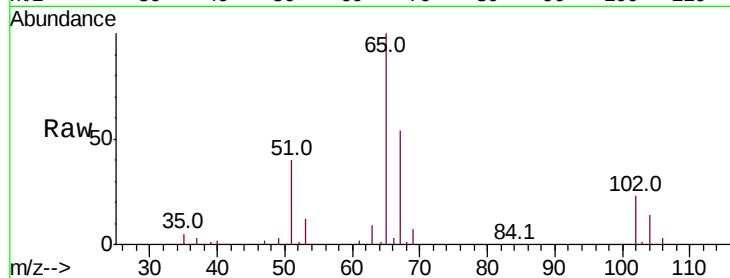
CPA-CPMW05D-M20W2-030619

Tot Ion: 65 Resp: 135396

Ion Ratio Lower Upper

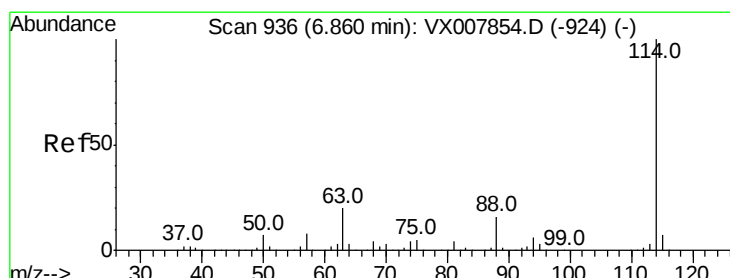
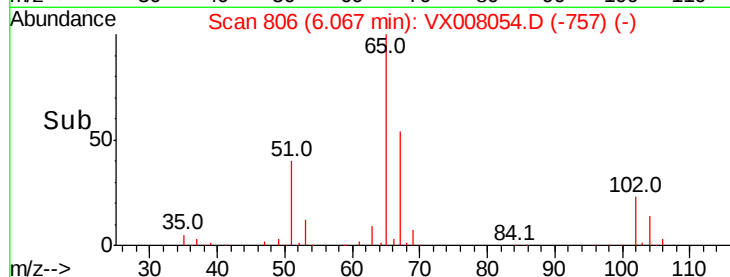
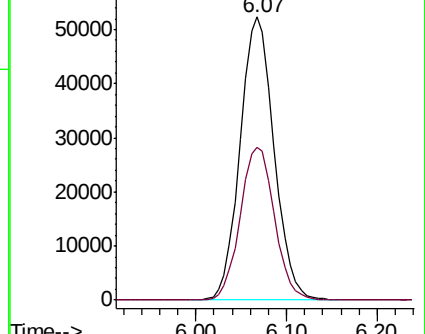
65 100

67 54.6 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: VX008054.D

Acq: 13 Mar 2019 17:29

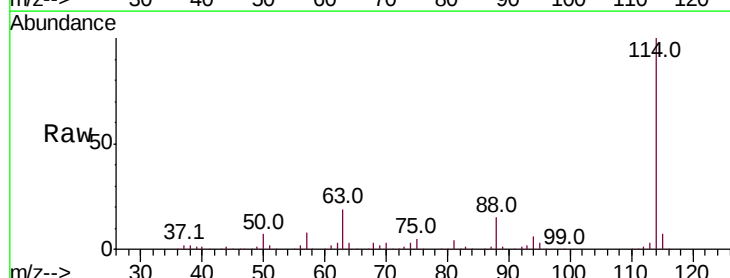
Tgt Ion:114 Resp: 394779

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

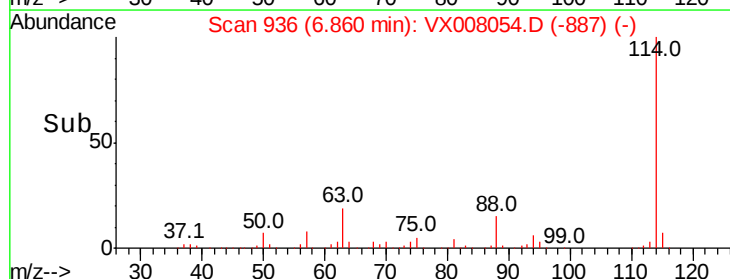
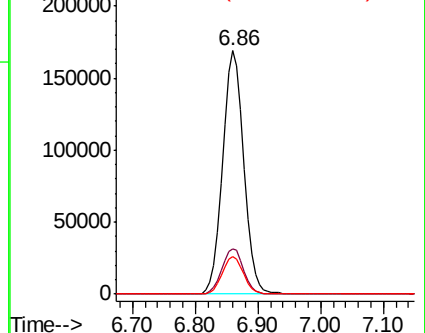
88 15.5 0.0 31.4

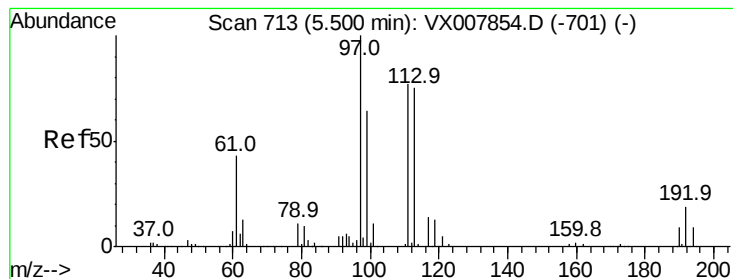


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.298 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008054.D

Acq: 13 Mar 2019 17:29

Instrument :

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ClientSampleId :

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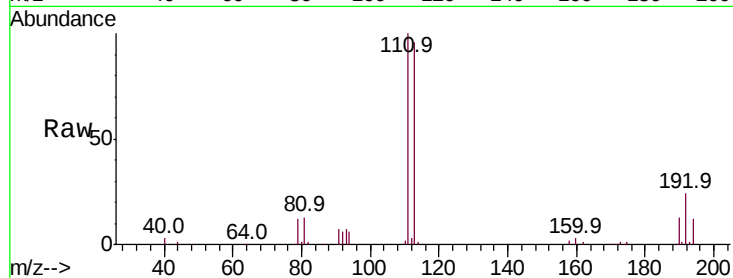
Tot Ion:113 Resp: 124491

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

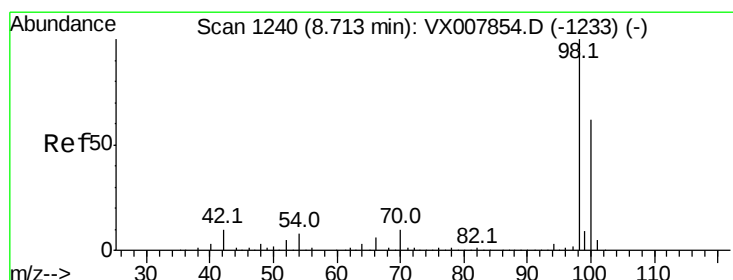
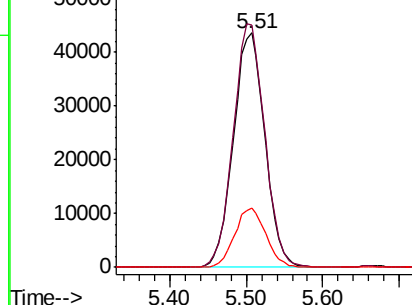
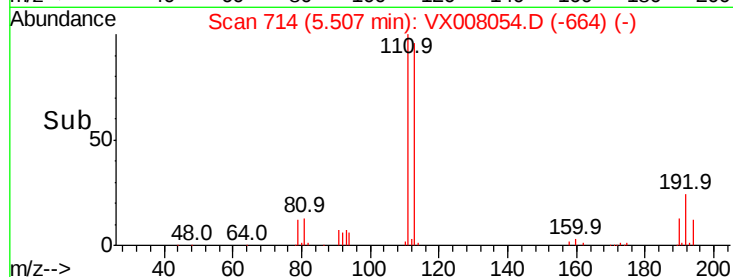
192 24.9 19.4 29.0



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: 51.926 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008054.D

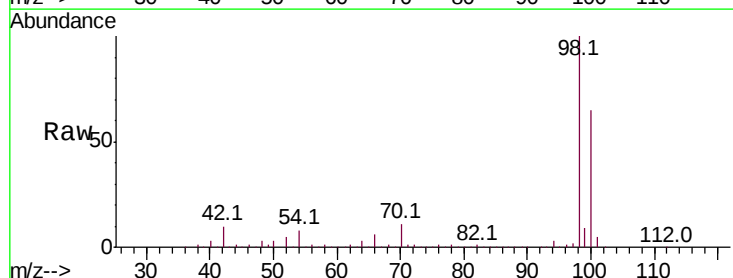
Acq: 13 Mar 2019 17:29

Tgt Ion: 98 Resp: 481572

Ion Ratio Lower Upper

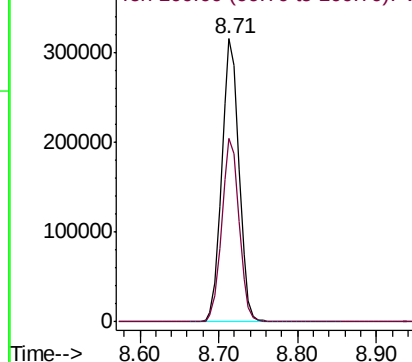
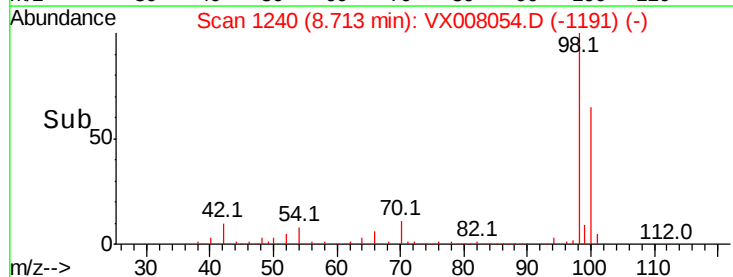
98 100

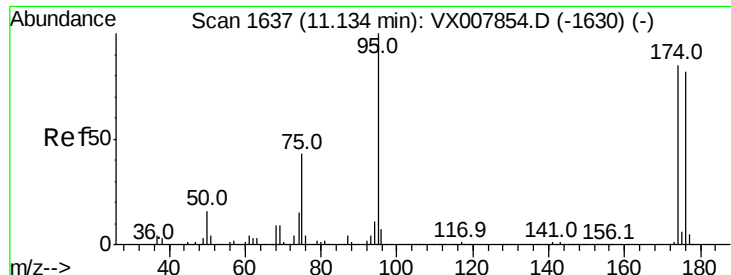
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.748 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008054.D

Acq: 13 Mar 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05D-M20W2-030619

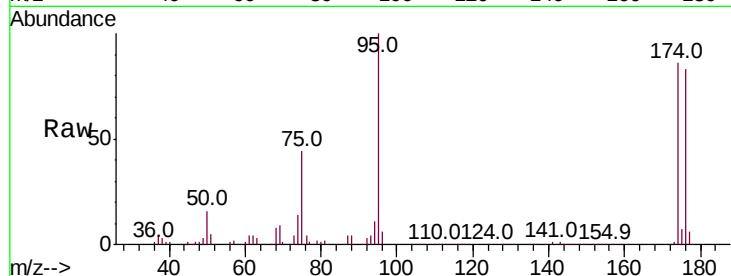
Tot Ion: 95 Resp: 181267

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

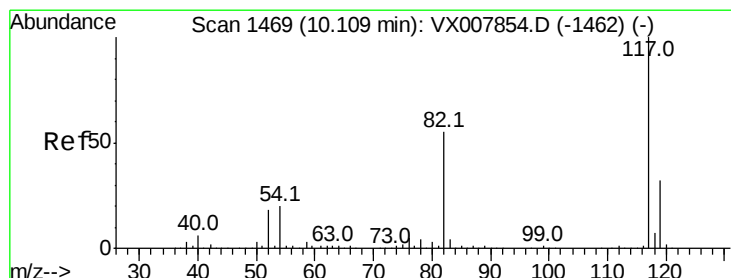
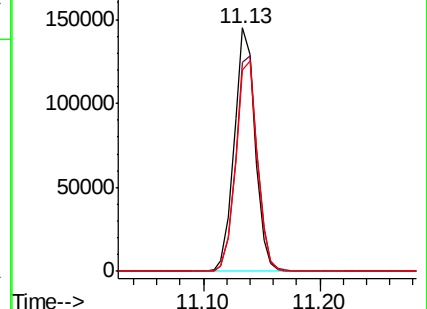
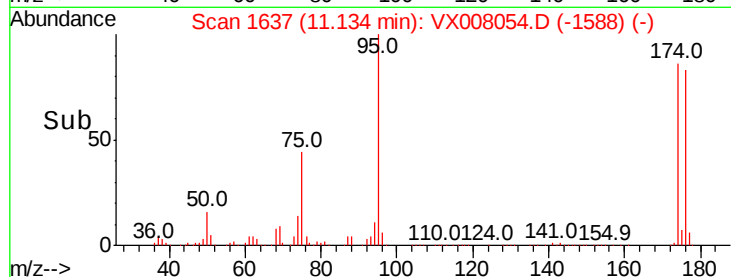
176 89.4 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008054.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008054.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008054.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008054.D

Acq: 13 Mar 2019 17:29

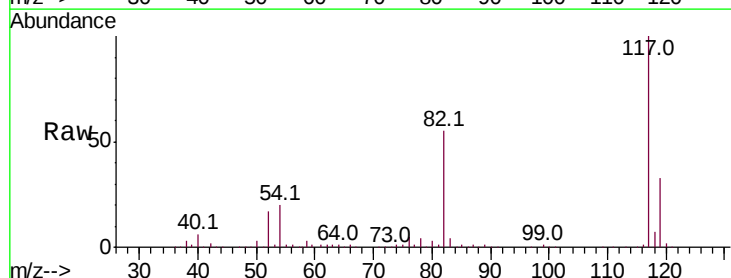
Tgt Ion: 117 Resp: 379532

Ion Ratio Lower Upper

117 100

82 54.8 44.3 66.5

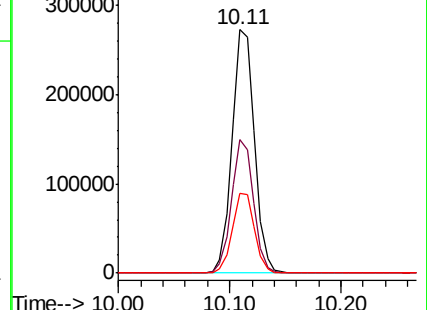
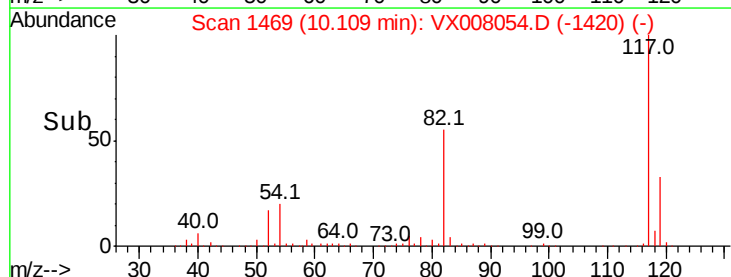
119 32.7 25.3 37.9

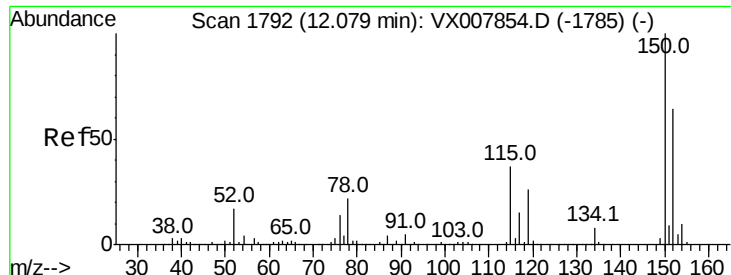


Abundance Ion 116.90 (116.60 to 117.60): VX008054.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008054.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008054.D (-1462) (-)

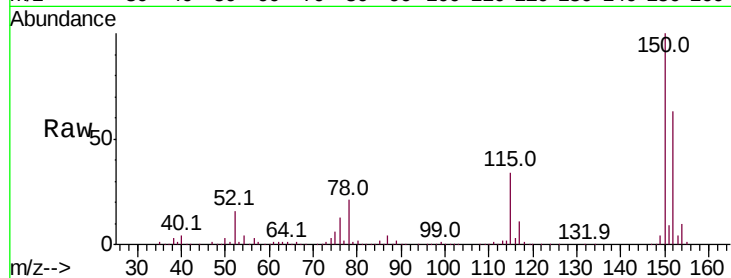




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008054.D
 Acq: 13 Mar 2019 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05D-M20W2-030619

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	115.7
150	156.8	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

