

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008994.D
 Acq On : 16 Apr 2019 17:47
 Operator : JC/SP
 Sample : K2425-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-190415

Quant Time: Apr 17 05:44:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

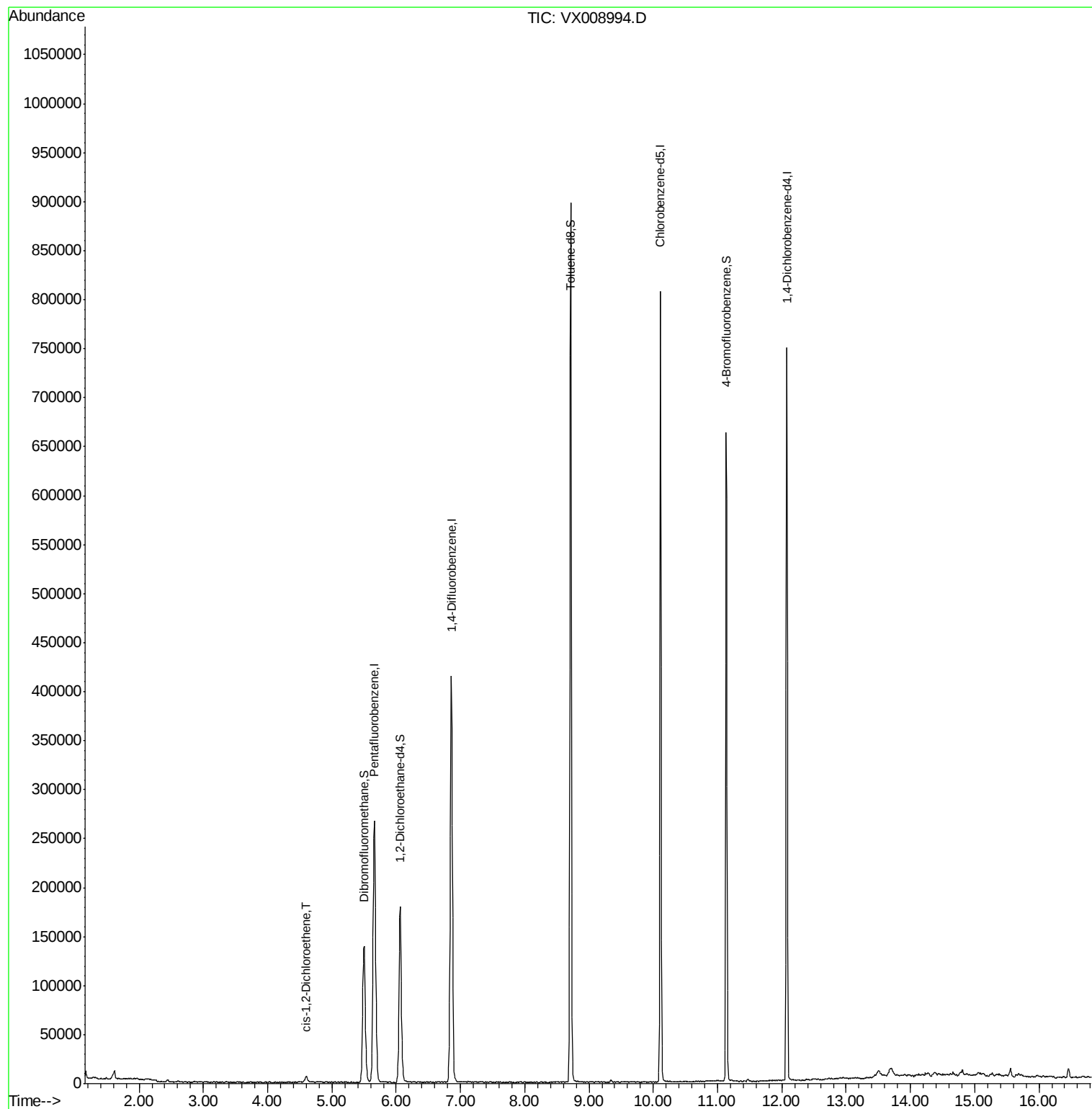
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	259078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	356842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168160	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
35) Dibromofluoromethane	5.50	113	120701	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
50) Toluene-d8	8.71	98	514611	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	173211	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	3631	1.079	ug/l	Qvalue 99

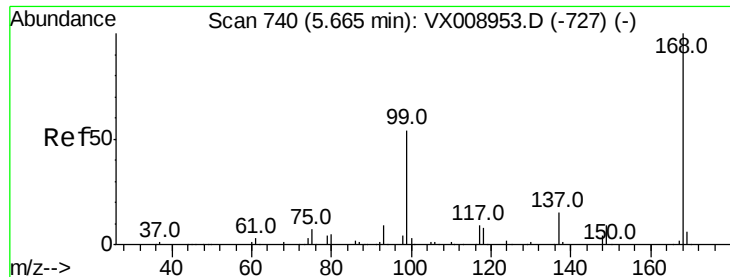
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008994.D

Acq: 16 Apr 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

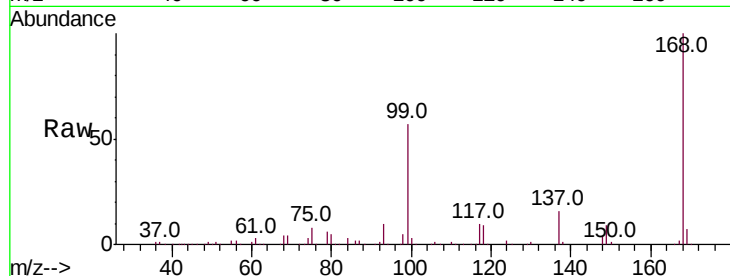
KY038PS038-190415

Tot Ion:168 Resp: 259078

Ion Ratio Lower Upper

168 100

99 56.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

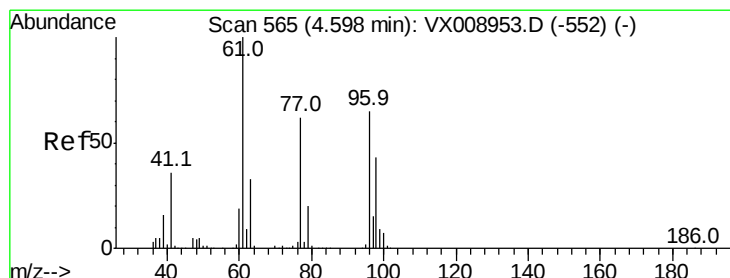
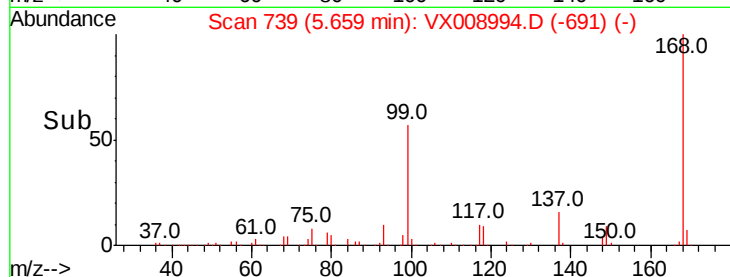
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.079 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008994.D

Acq: 16 Apr 2019 17:47

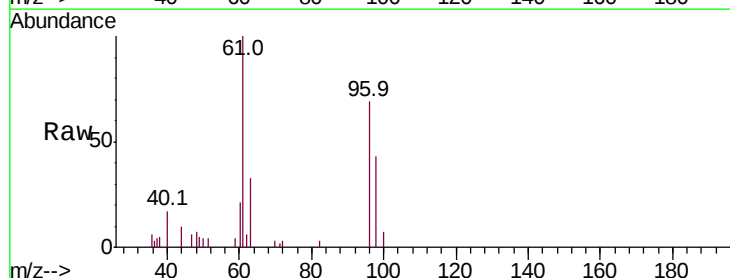
Tgt Ion: 96 Resp: 3631

Ion Ratio Lower Upper

96 100

61 160.0 0.0 322.0

98 64.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2500

2000

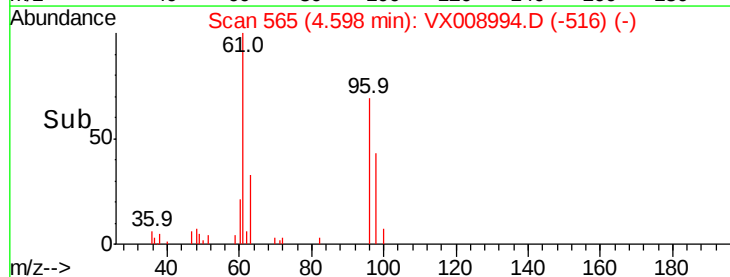
1500

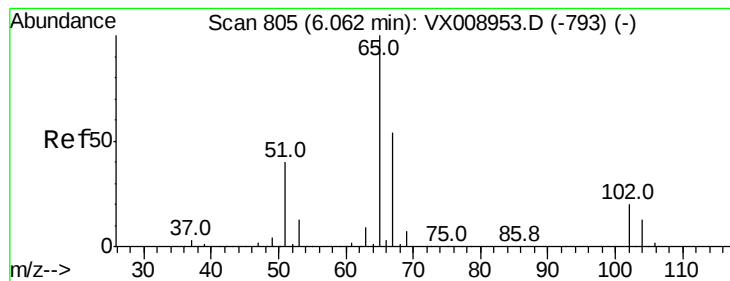
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 46.057 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008994.D

Acq: 16 Apr 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

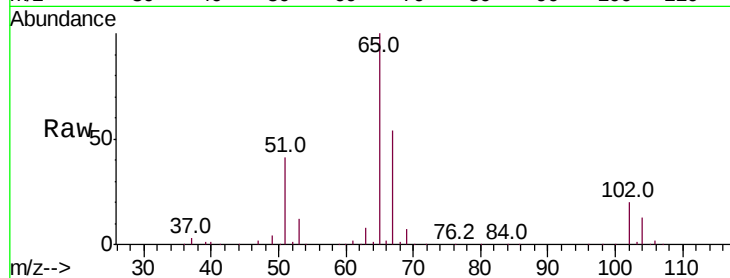
KY038PS038-190415

Tot Ion: 65 Resp: 168160

Ion Ratio Lower Upper

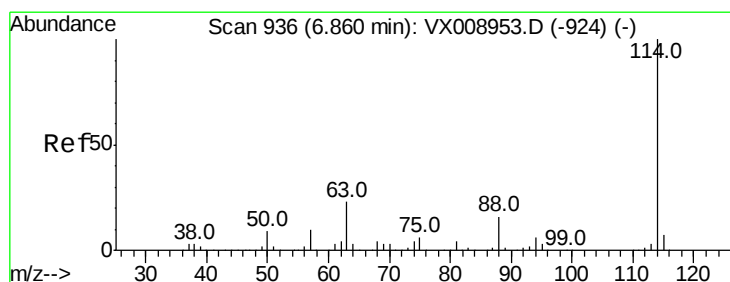
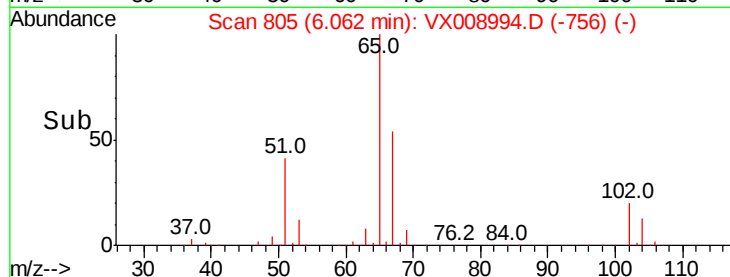
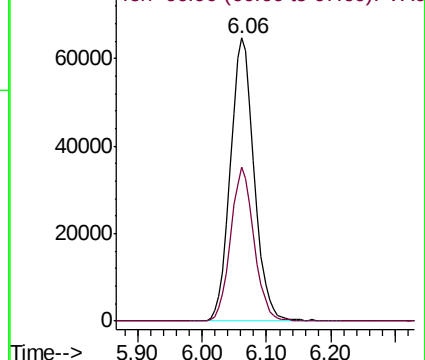
65 100

67 53.6 0.0 108.6



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: VX008994.D

Acq: 16 Apr 2019 17:47

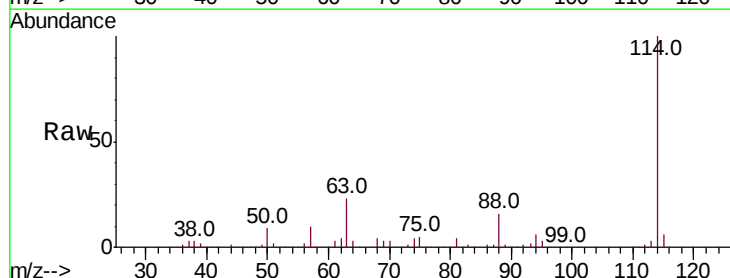
Tgt Ion:114 Resp: 411683

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.0

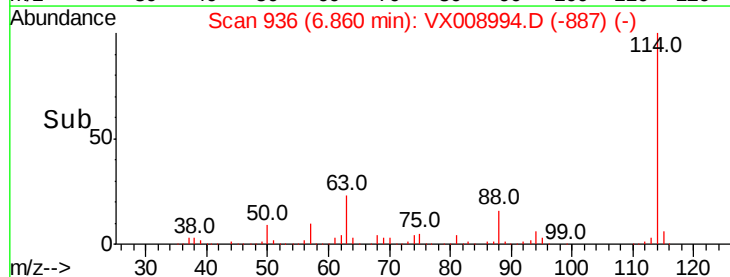
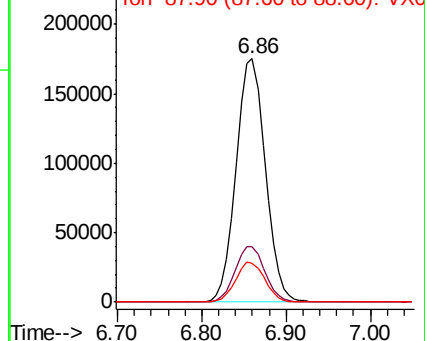
88 16.2 0.0 32.6

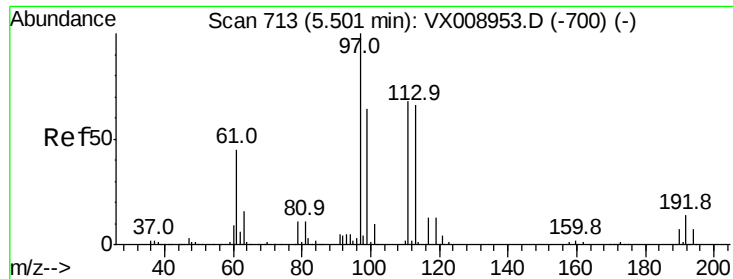


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

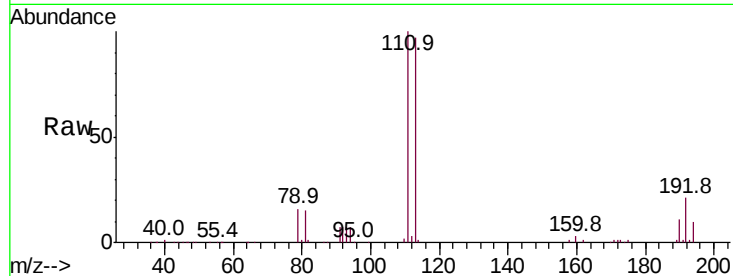




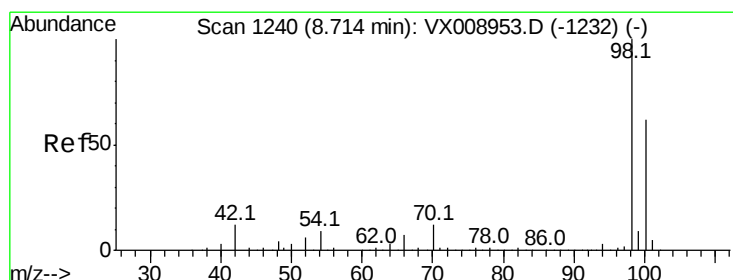
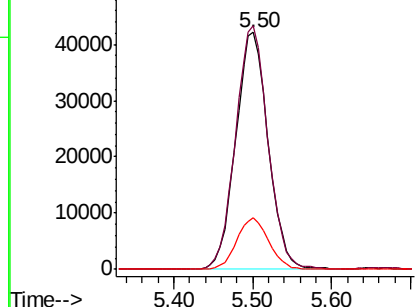
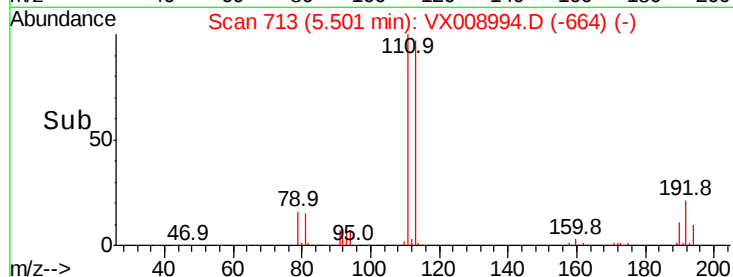
#35
 Dibromofluoromethane
 Concen: 45.684 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008994.D
 Acq: 16 Apr 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-190415

Tot Ion:113 Resp: 120701
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 21.5 17.4 26.0

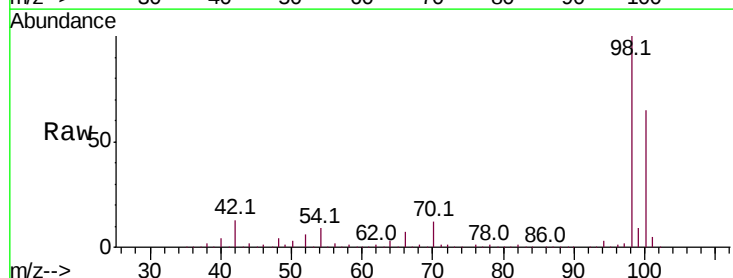


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

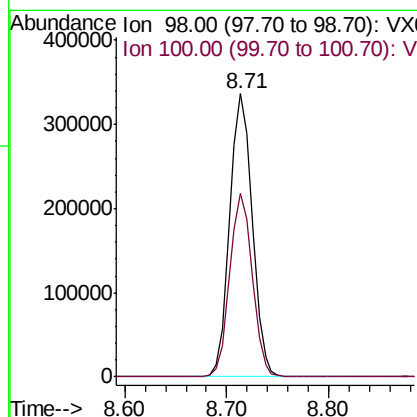
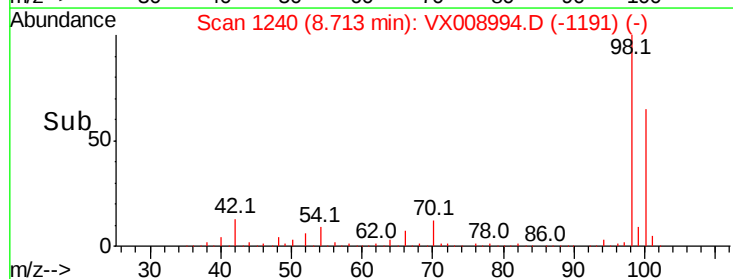


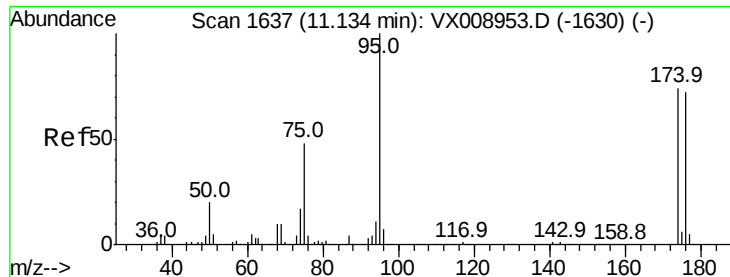
#50
 Toluene-d8
 Concen: 48.840 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008994.D
 Acq: 16 Apr 2019 17:47

Tgt Ion: 98 Resp: 514611
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.568 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008994.D

Acq: 16 Apr 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-190415

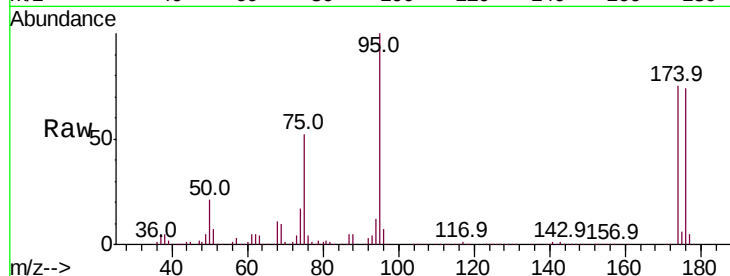
Tot Ion: 95 Resp: 173211

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.6

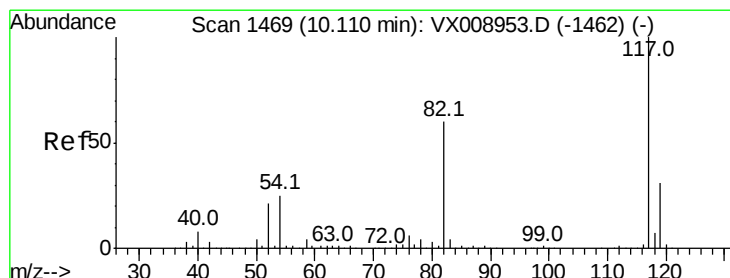
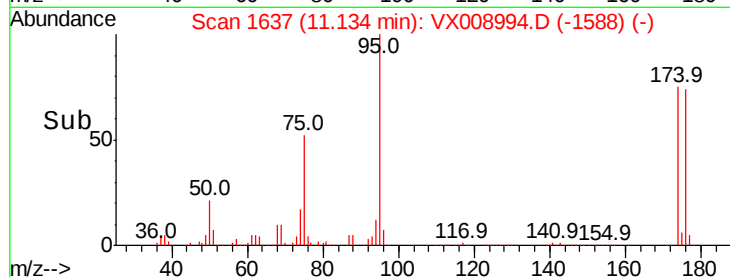
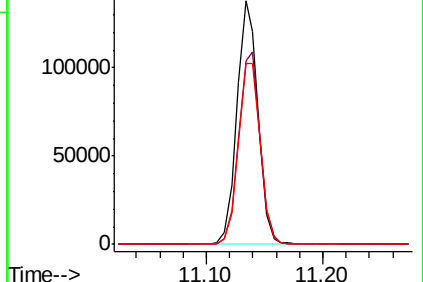
176 78.1 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008994.D

Acq: 16 Apr 2019 17:47

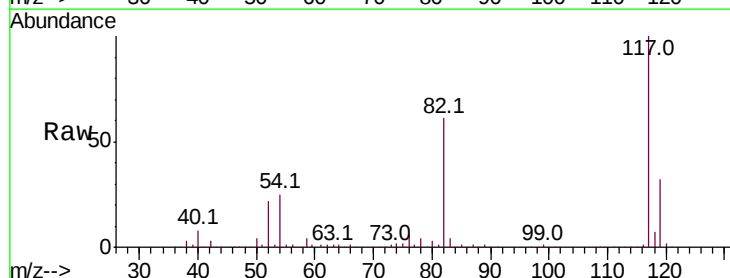
Tgt Ion: 117 Resp: 356842

Ion Ratio Lower Upper

117 100

82 61.0 48.2 72.4

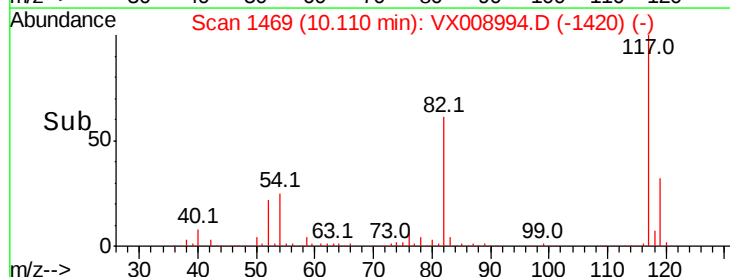
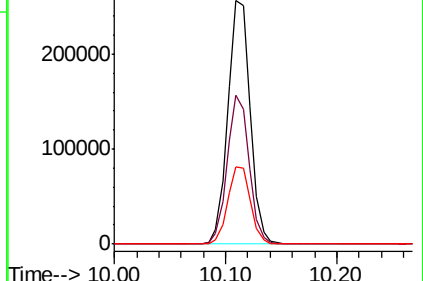
119 31.7 25.0 37.6

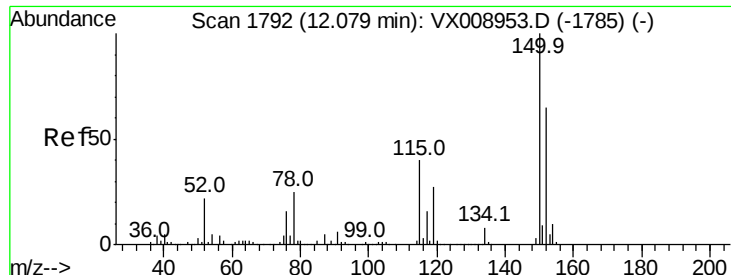


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.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: VX008994.D

Acq: 16 Apr 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-190415

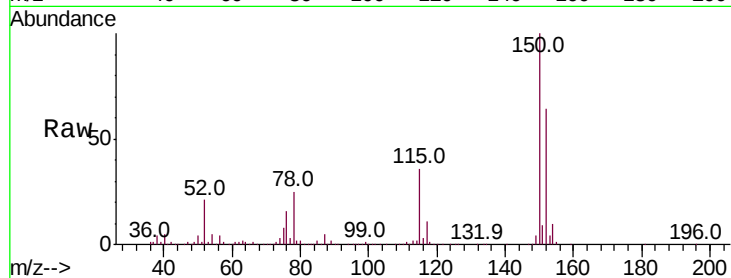
Tot Ion:152 Resp: 155065

Ion Ratio Lower Upper

152 100

115 58.9 41.4 124.2

150 156.2 0.0 349.8



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

