

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
 Data File : VX014604.D
 Acq On : 14 Jan 2020 13:42
 Operator : JC/SP
 Sample : L1116-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-200113

Quant Time: Jan 15 00:58:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

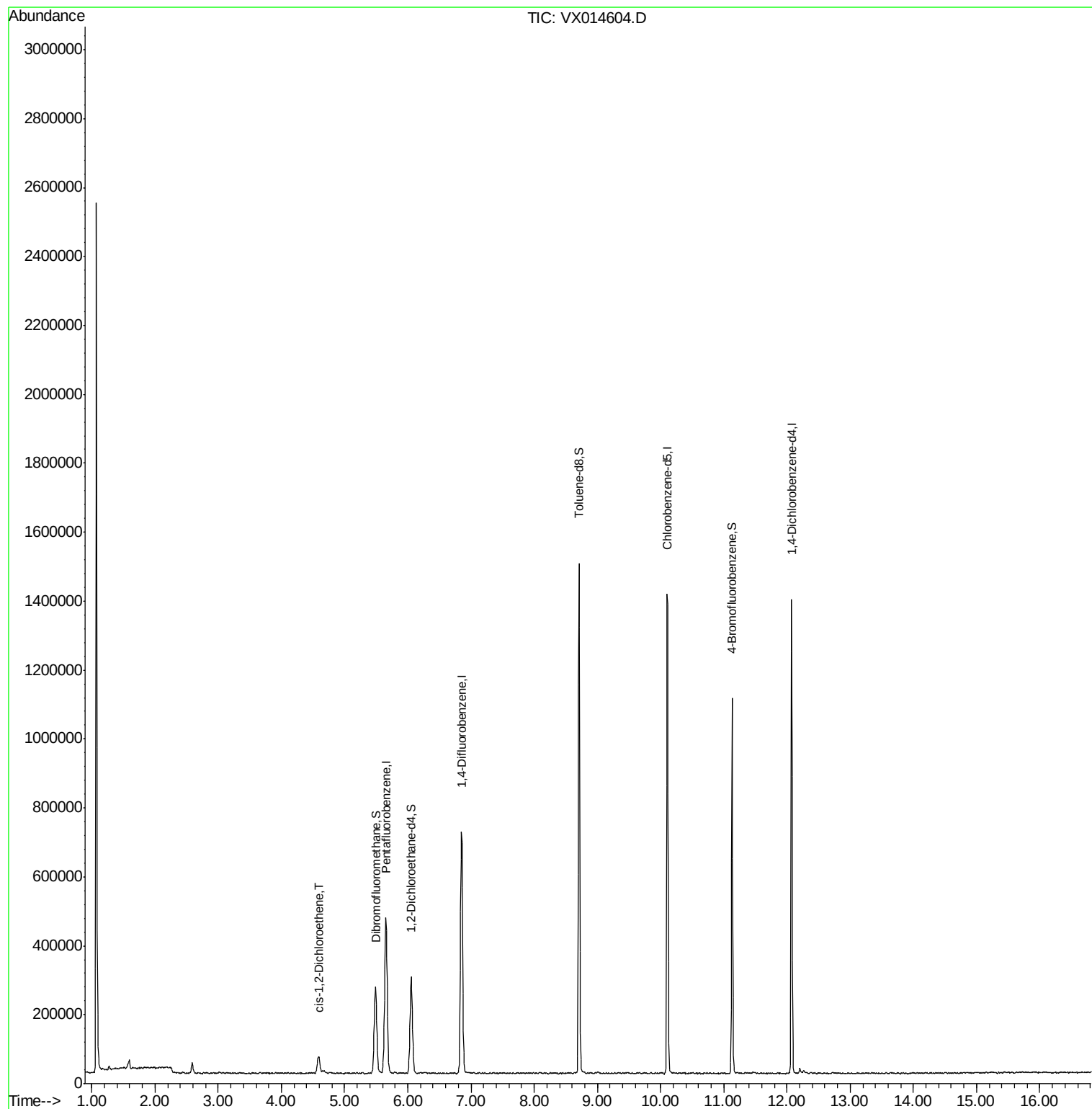
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	723242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	663129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	297085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	262662	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
35) Dibromofluoromethane	5.49	113	216679	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	859038	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	288071	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.58	96	33795	5.998	ug/l	Qvalue 91

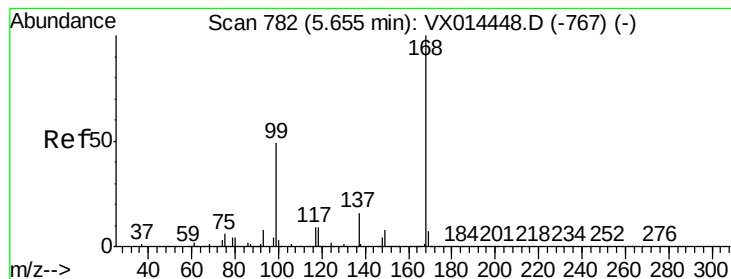
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014604.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_X

ClientSampleId :

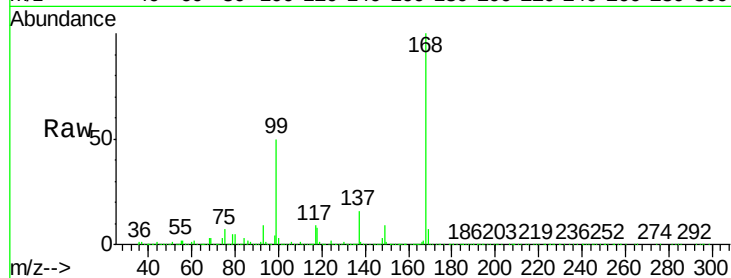
KY038PS038-200113

Tot Ion:168 Resp: 467478

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

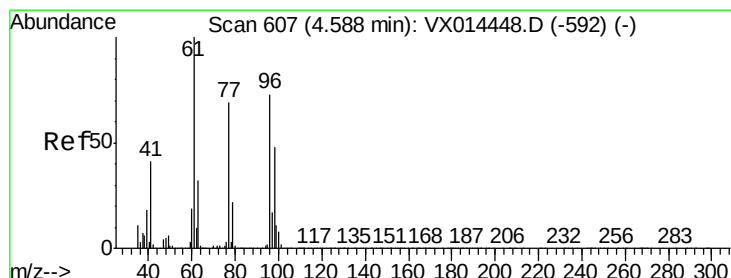
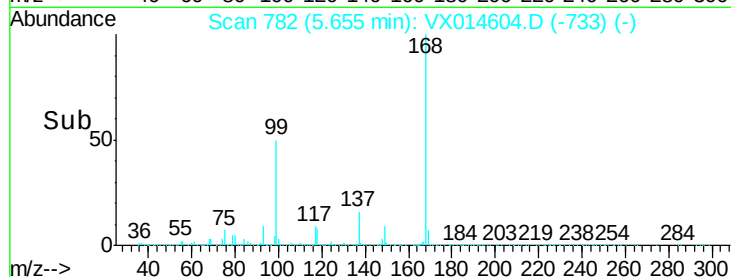
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 5.998 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014604.D

Acq: 14 Jan 2020 13:42

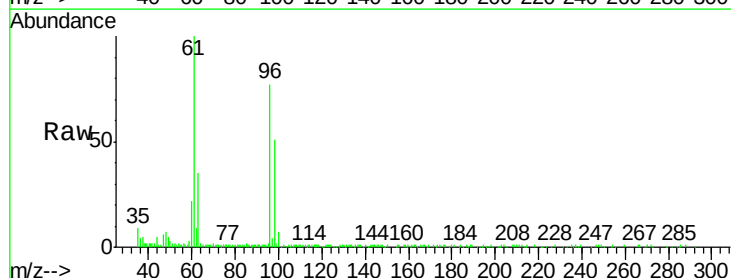
Tgt Ion: 96 Resp: 33795

Ion Ratio Lower Upper

96 100

61 129.3 0.0 285.4

98 69.2 0.0 130.6



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

4.58

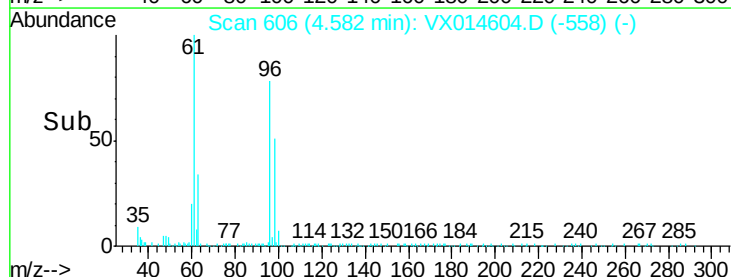
15000

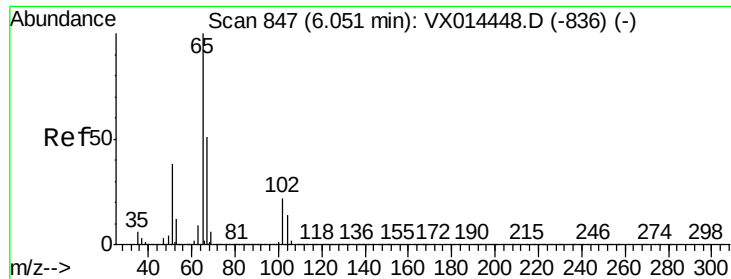
10000

5000

0

Time-->

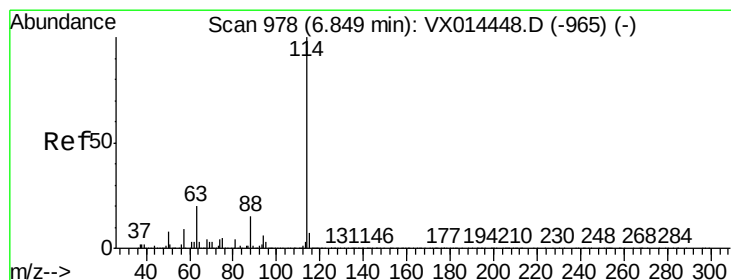
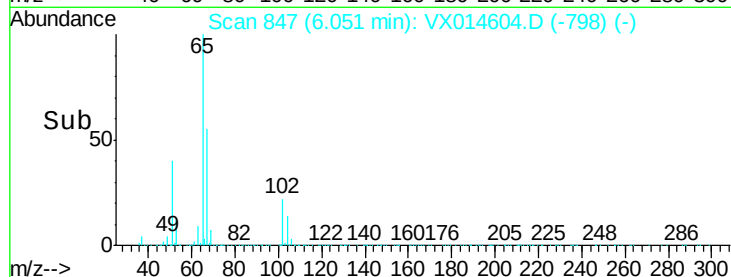
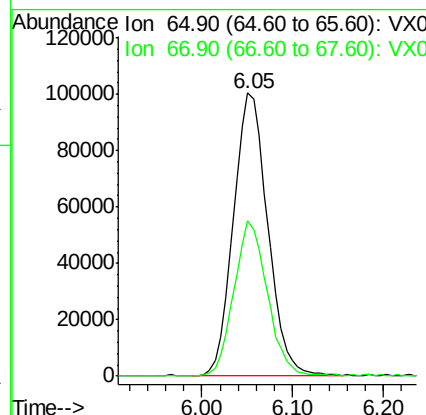
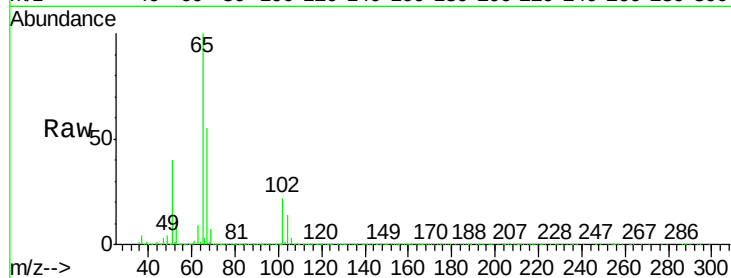




#33
 1,2-Dichloroethane-d4
 Concen: 50.332 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014604.D
 Acq: 14 Jan 2020 13:42

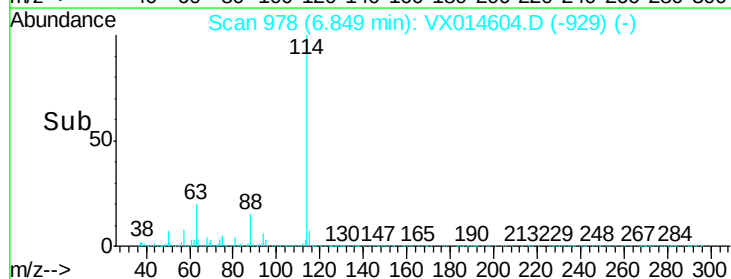
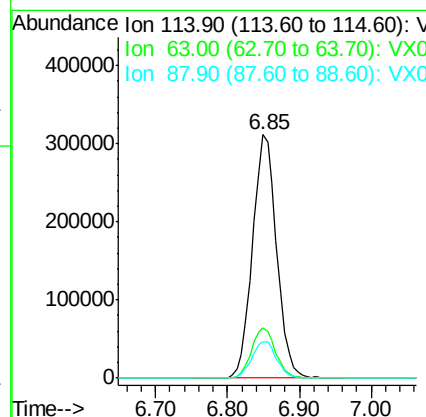
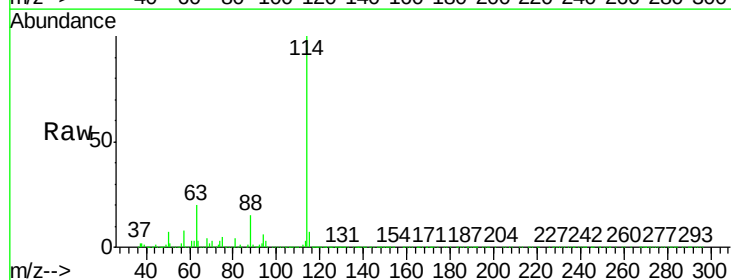
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-200113

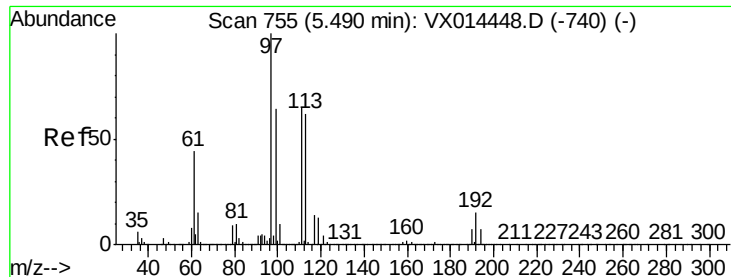
Tot Ion: 65 Resp: 262662
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014604.D
 Acq: 14 Jan 2020 13:42

Tgt Ion: 114 Resp: 723242
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.6
 88 15.0 0.0 30.8

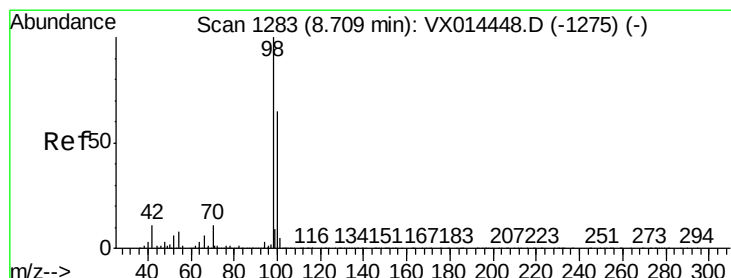
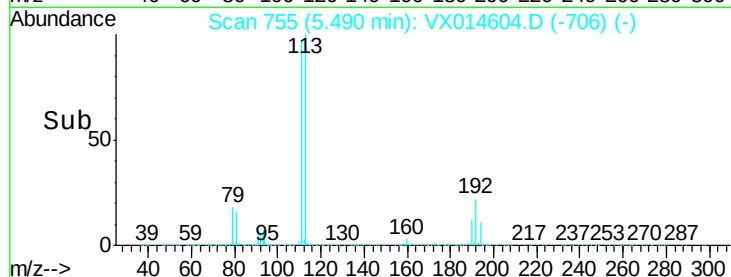
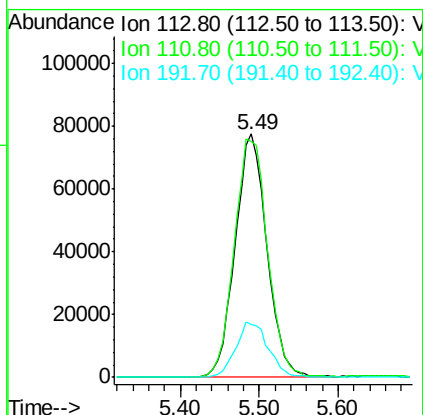
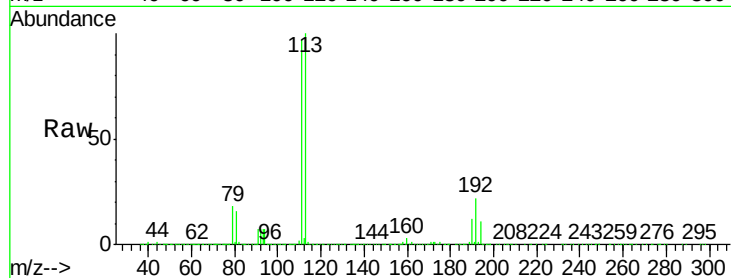




#35
Dibromofluoromethane
Concen: 49.492 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014604.D
Acq: 14 Jan 2020 13:42

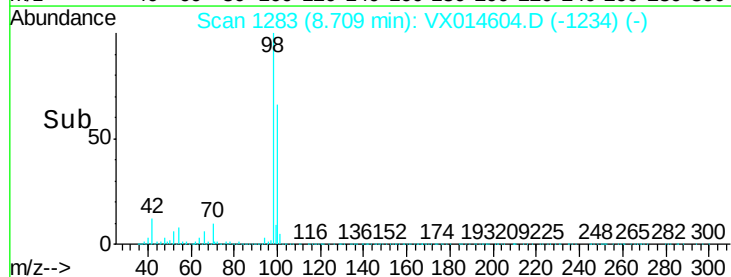
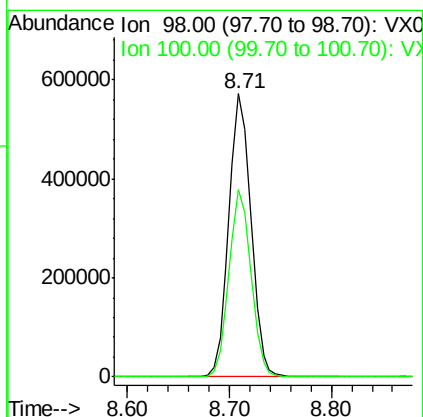
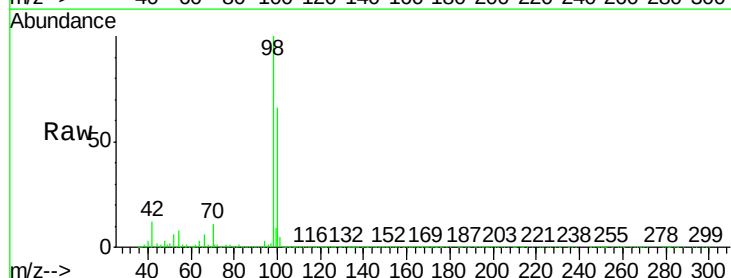
Instrument :
MSVOA_X
ClientSampleId :
KY038PS038-200113

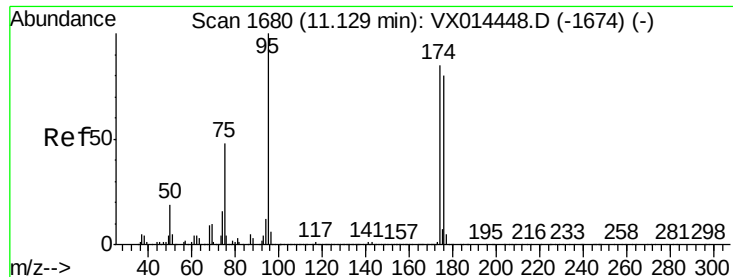
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	23.5	19.2	28.8



#50
Toluene-d8
Concen: 50.562 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014604.D
Acq: 14 Jan 2020 13:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 46.186 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014604.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-200113

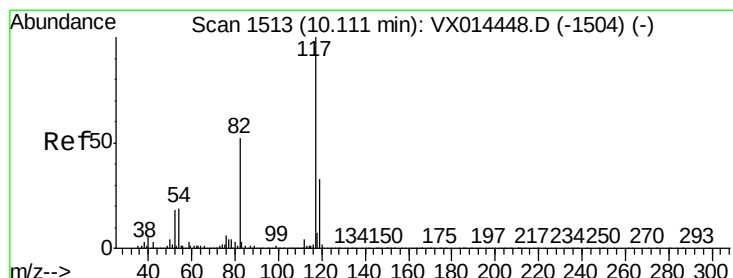
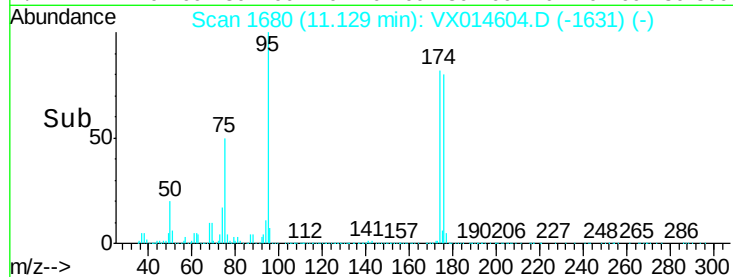
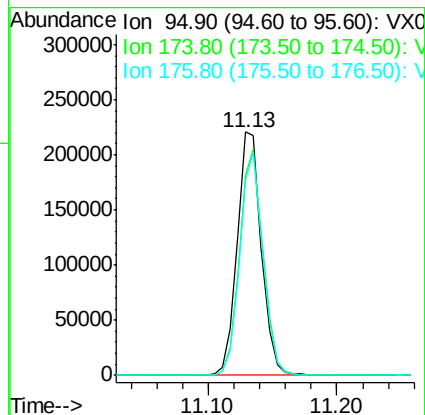
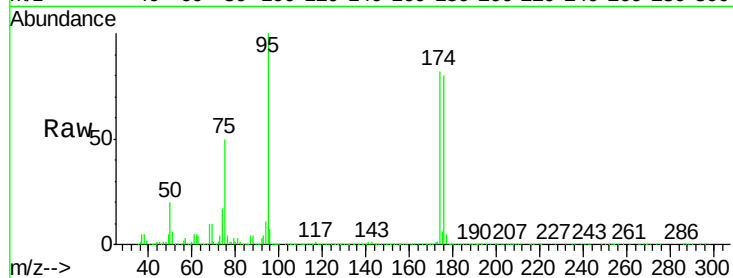
Tot Ion: 95 Resp: 288071

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.8

176 87.2 0.0 172.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014604.D

Acq: 14 Jan 2020 13:42

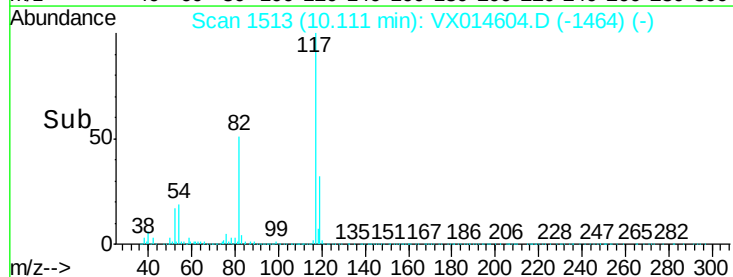
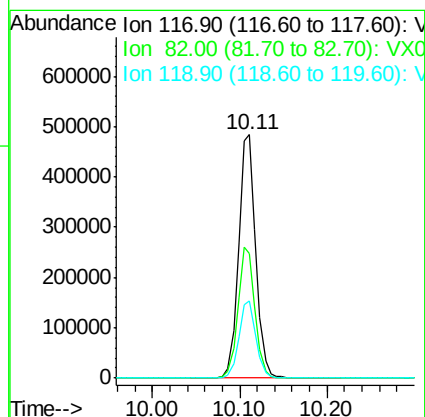
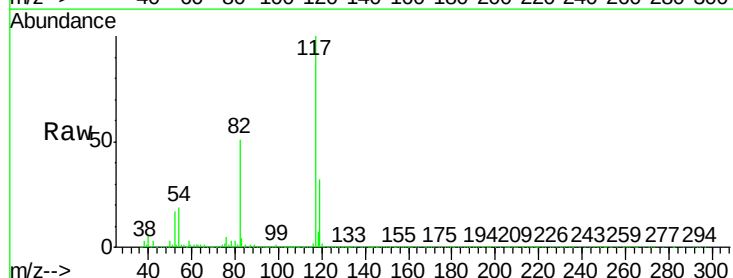
Tgt Ion: 117 Resp: 663129

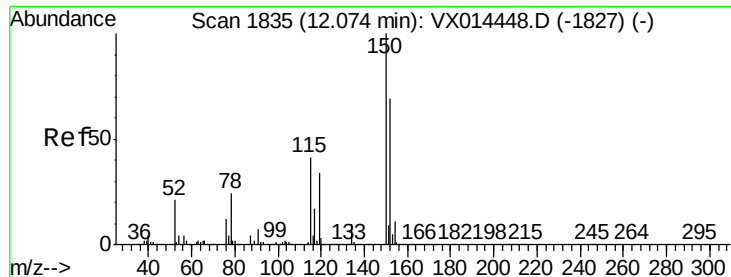
Ion Ratio Lower Upper

117 100

82 50.9 41.8 62.6

119 31.8 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014604.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-200113

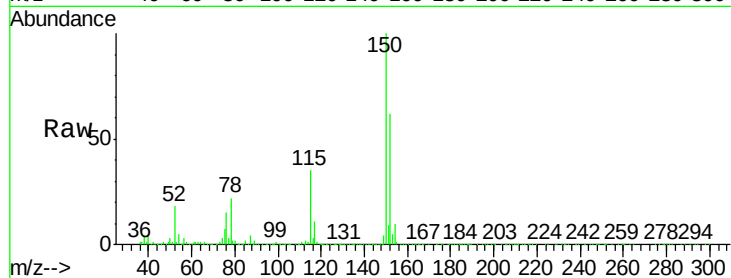
Tot Ion:152 Resp: 297085

Ion Ratio Lower Upper

152 100

115 55.0 39.5 118.3

150 154.8 0.0 350.2



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

