

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022720\
 Data File : VX015040.D
 Acq On : 27 Feb 2020 12:13
 Operator : JC/SP
 Sample : L1683-14DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20200225DL

Quant Time: Feb 27 16:08:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

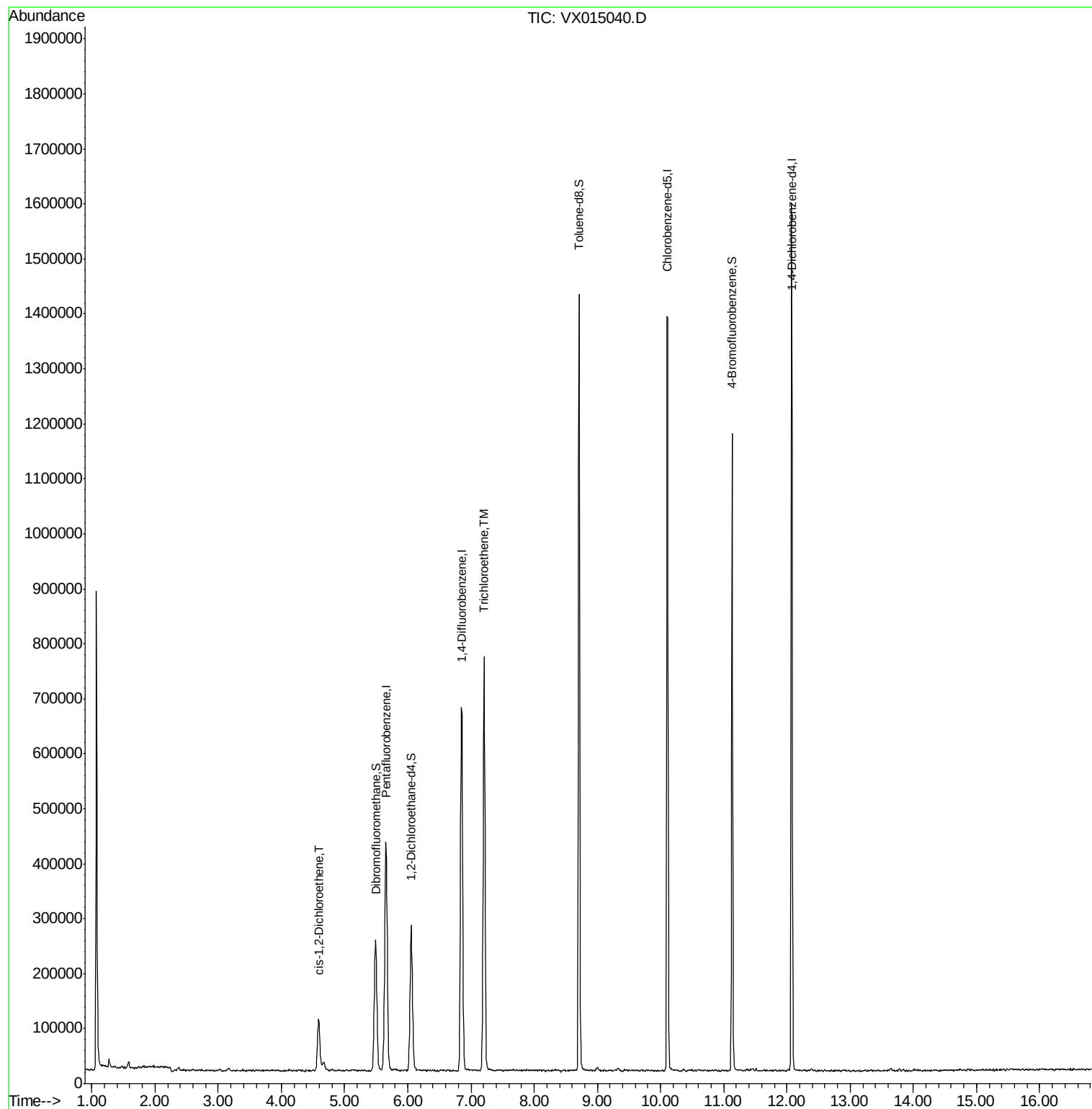
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	429644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	687827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	658747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	244723	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	5.49	113	207632	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	8.71	98	823913	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.14	95	303217	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	60785	12.514	ug/l	91
44) Trichloroethene	7.21	130	301269	56.452	ug/l	99

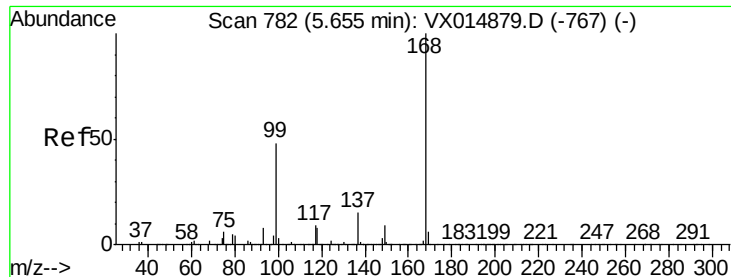
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022720\
Data File : VX015040.D
Acq On : 27 Feb 2020 12:13
Operator : JC/SP
Sample : L1683-14DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20200225DL

Quant Time: Feb 27 16:08:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015040.D

Acq: 27 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

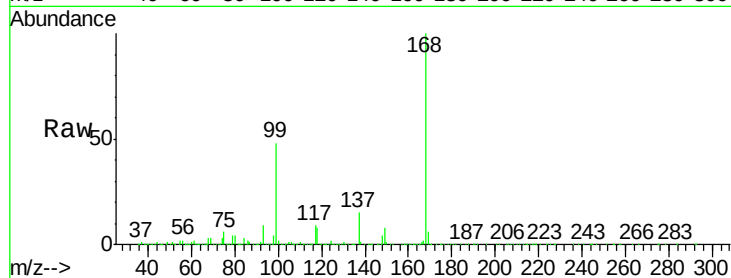
MH-140N-20200225DL

Tot Ion:168 Resp: 429644

Ion Ratio Lower Upper

168 100

99 48.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

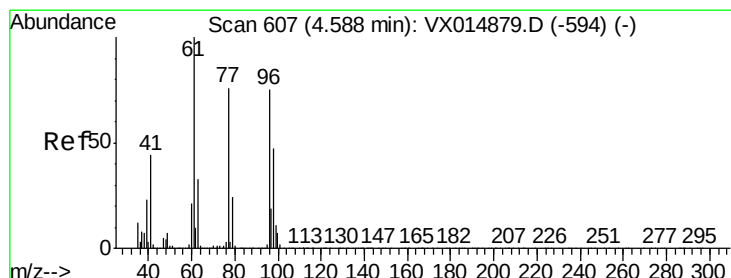
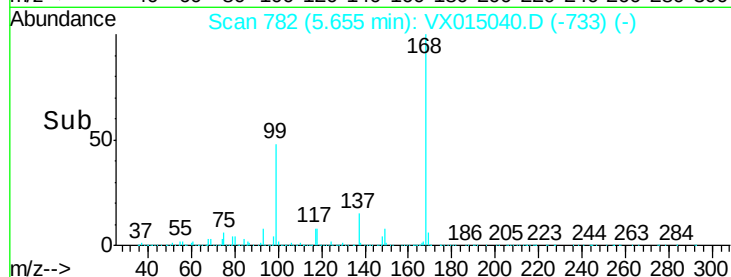
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 12.514 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015040.D

Acq: 27 Feb 2020 12:13

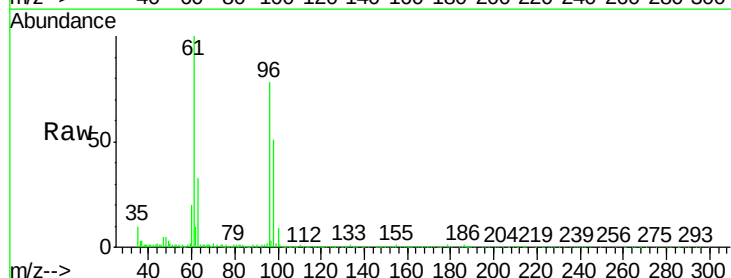
Tgt Ion: 96 Resp: 60785

Ion Ratio Lower Upper

96 100

61 128.2 0.0 286.2

98 63.5 0.0 131.0



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

4.59

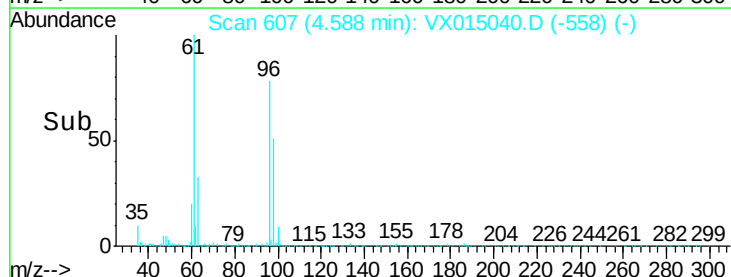
30000

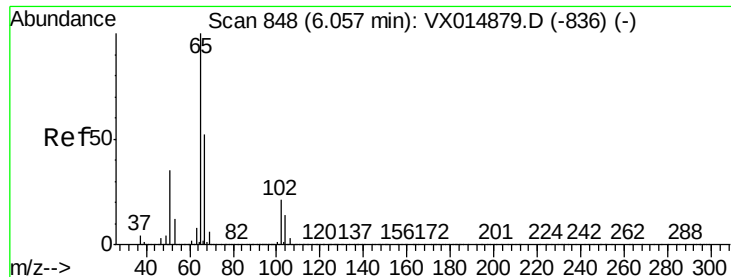
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.470 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX015040.D

Acq: 27 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

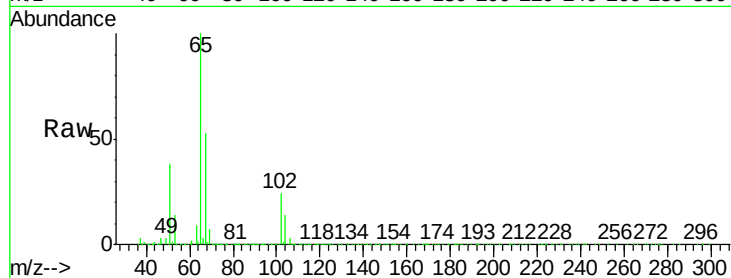
MH-140N-20200225DL

Tot Ion: 65 Resp: 244723

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

60000

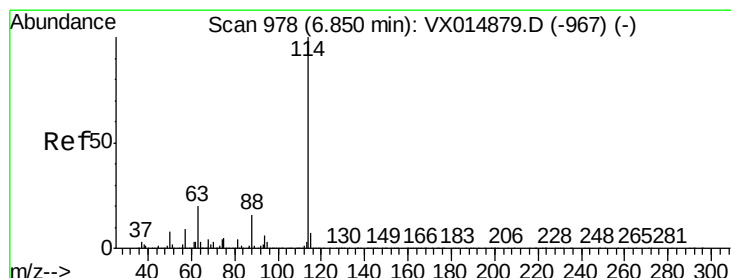
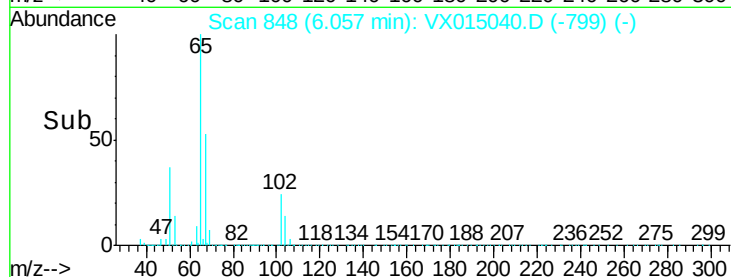
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015040.D

Acq: 27 Feb 2020 12:13

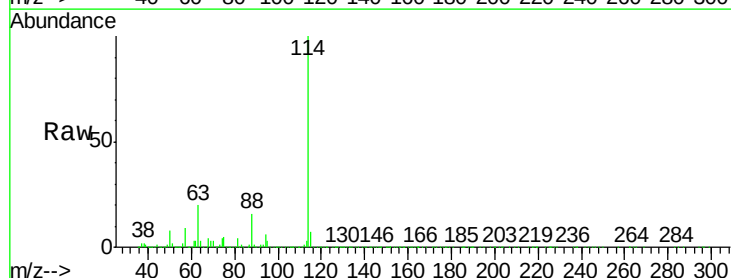
Tgt Ion: 114 Resp: 687827

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.9 0.0 32.0



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

400000

300000

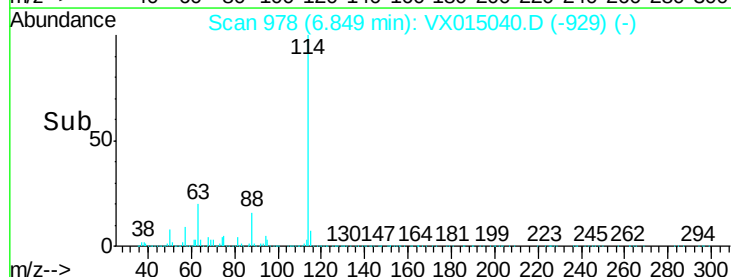
200000

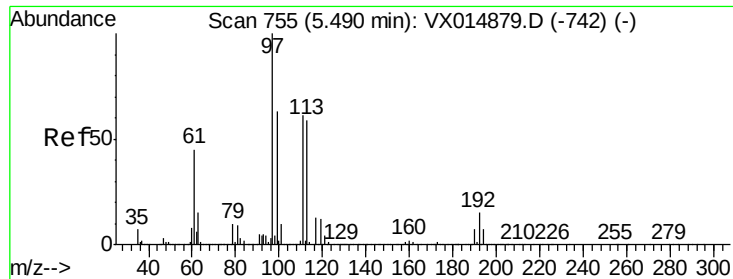
100000

0

Time-->

6.70 6.80 6.90 7.00

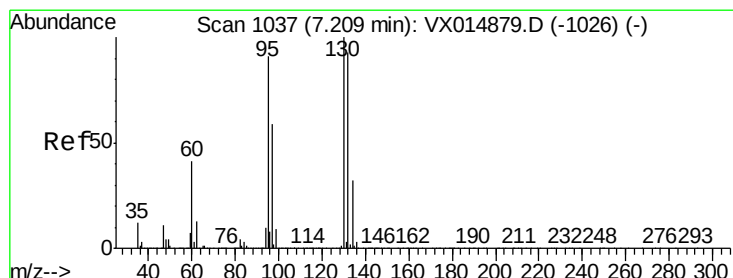
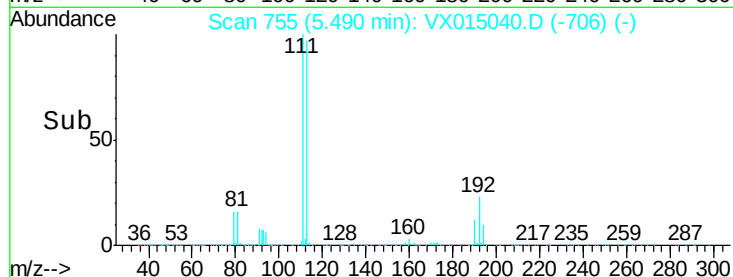
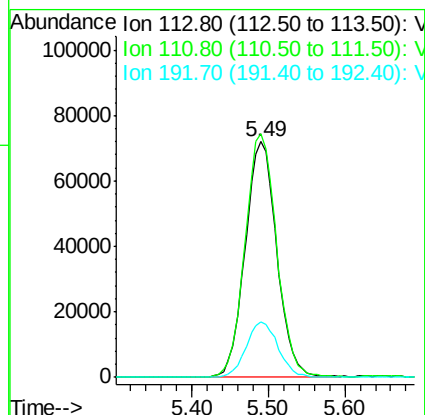
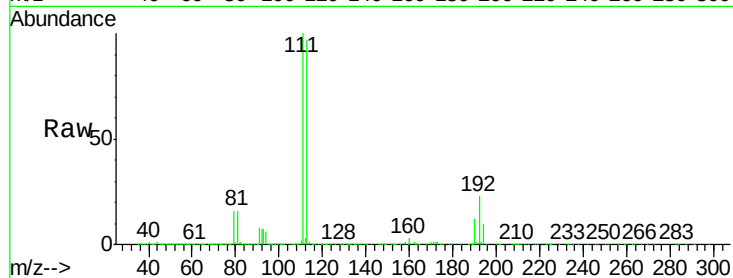




#35
 Dibromofluoromethane
 Concen: 49.102 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015040.D
 Acq: 27 Feb 2020 12:13

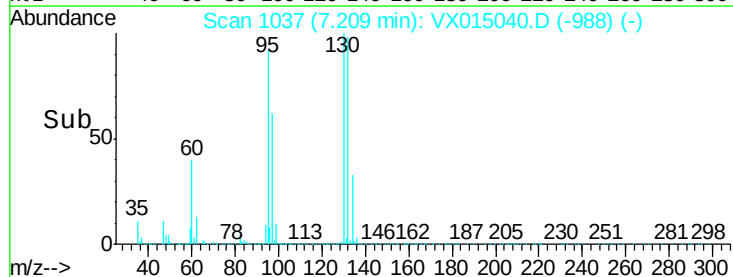
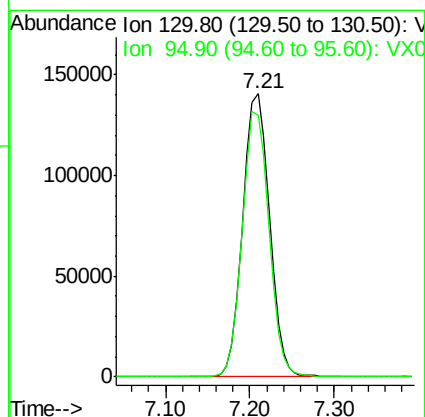
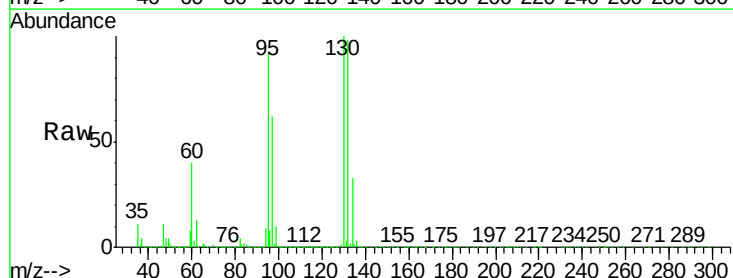
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20200225DL

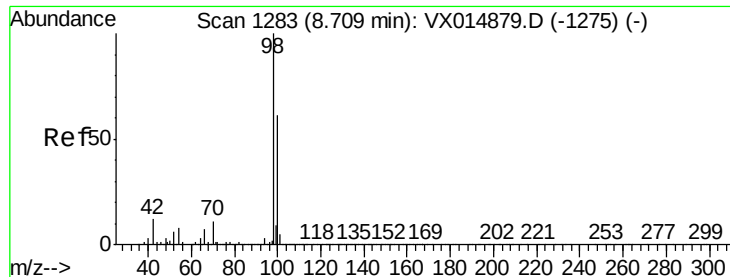
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	23.8	19.1	28.7



#44
 Trichloroethene
 Concen: 56.452 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX015040.D
 Acq: 27 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	182.6





#50

Toluene-d8

Concen: 51.045 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015040.D

Acq: 27 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

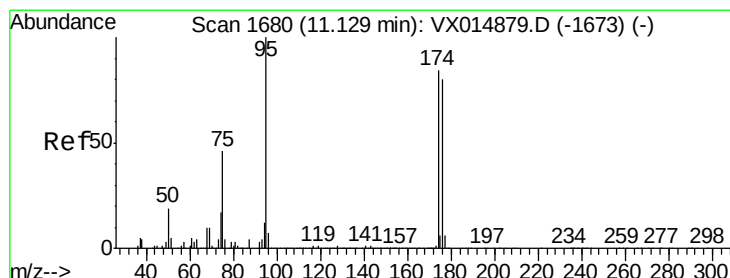
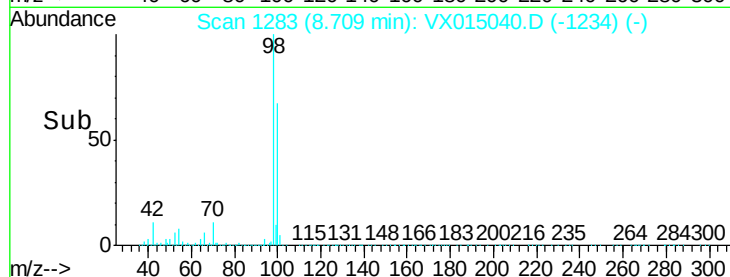
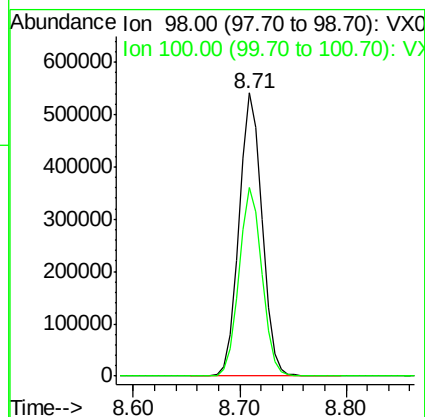
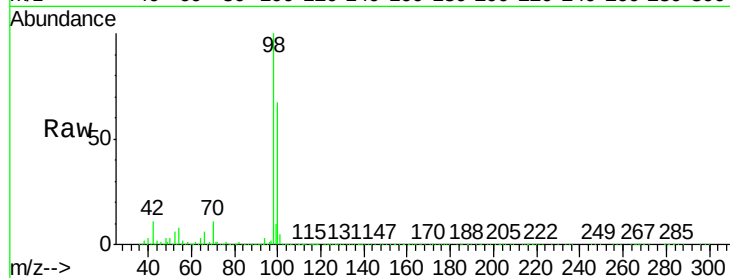
MH-140N-20200225DL

Tot Ion: 98 Resp: 823913

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.149 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015040.D

Acq: 27 Feb 2020 12:13

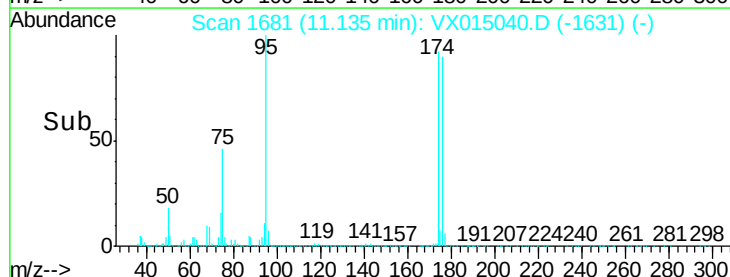
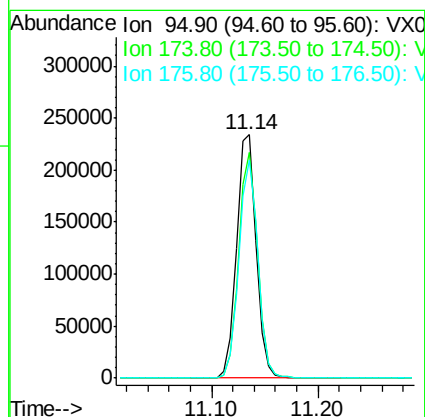
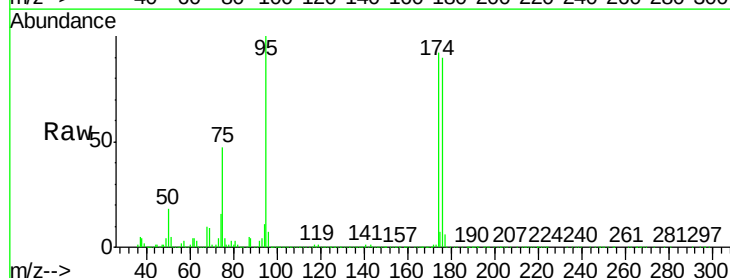
Tgt Ion: 95 Resp: 303217

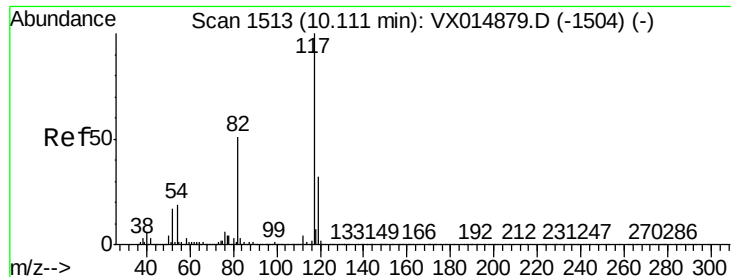
Ion Ratio Lower Upper

95 100

174 89.8 0.0 183.0

176 87.0 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015040.D

Acq: 27 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

MH-140N-20200225DL

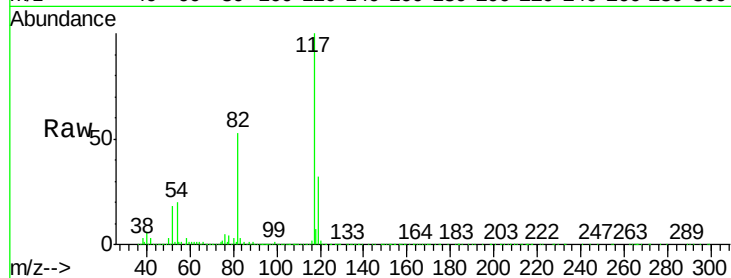
Tot Ion:117 Resp: 658747

Ion Ratio Lower Upper

117 100

82 52.6 40.5 60.7

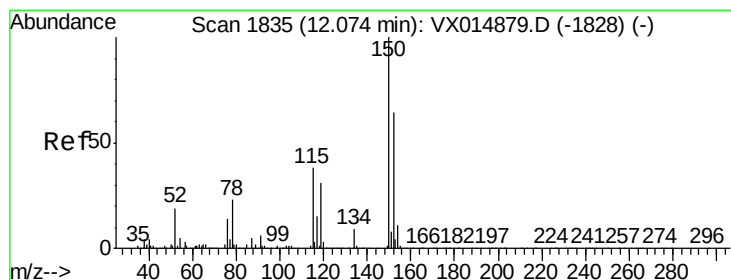
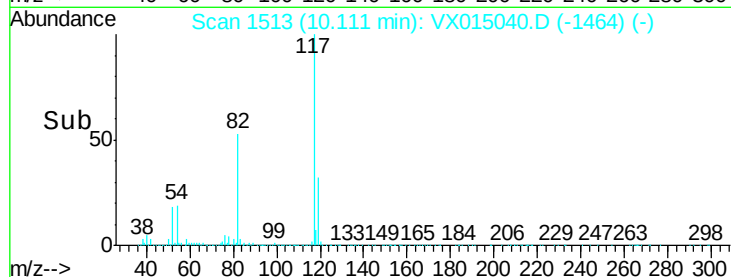
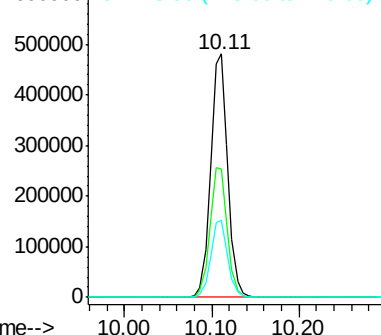
119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015040.D

Acq: 27 Feb 2020 12:13

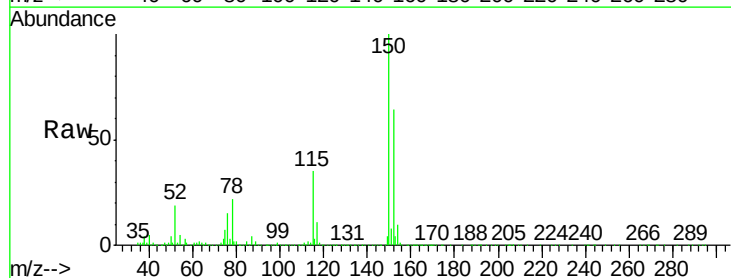
Tgt Ion:152 Resp: 330825

Ion Ratio Lower Upper

152 100

115 54.8 38.6 116.0

150 155.7 0.0 349.0



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

