

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022620\
 Data File : VX015020.D
 Acq On : 26 Feb 2020 14:59
 Operator : JC/SP
 Sample : L1683-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20200225

Quant Time: Feb 26 15:23:58 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

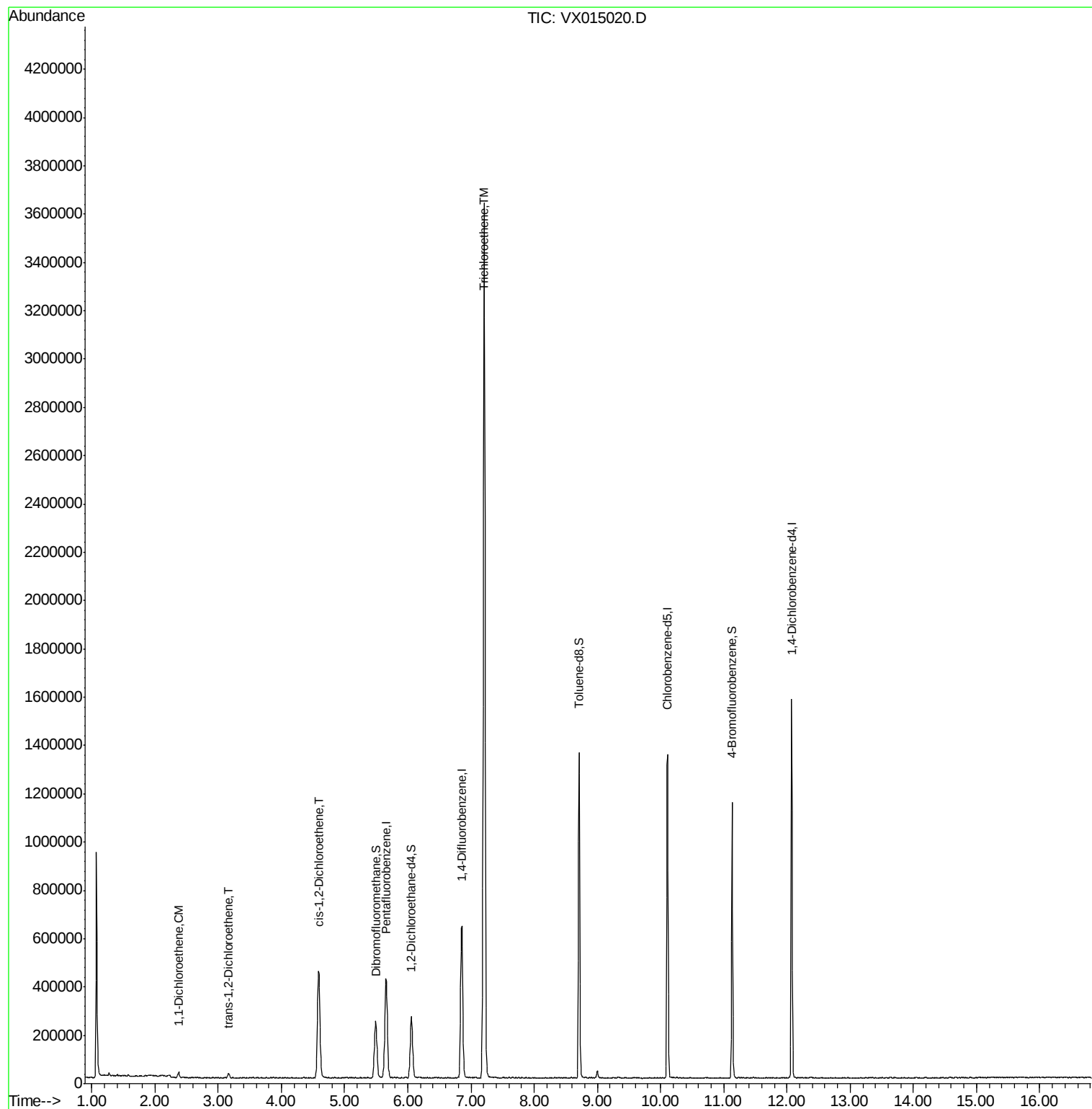
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	425757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	666800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	637129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	236178	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
35) Dibromofluoromethane	5.49	113	203980	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	8.71	98	803136	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.14	95	296812	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	7859	2.014	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	9234	2.144	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	293065	60.884	ug/l	89
44) Trichloroethene	7.21	130	1388503	268.384	ug/l	99

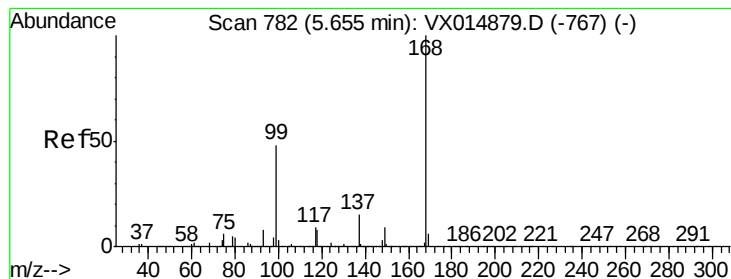
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 783

Delta R.T. 0.01 min

Lab File: VX015020.D

Acq: 26 Feb 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

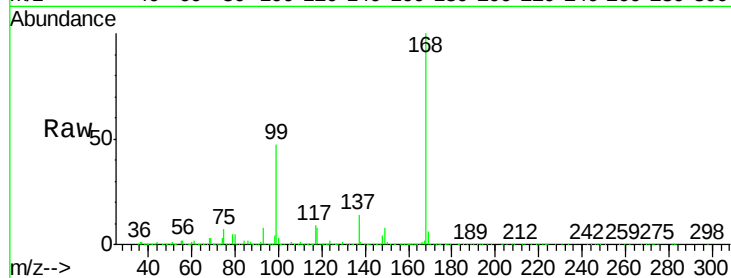
MH-140B-20200225

Tot Ion:168 Resp: 425757

Ion Ratio Lower Upper

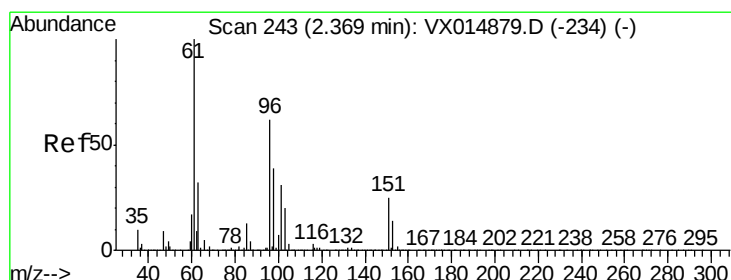
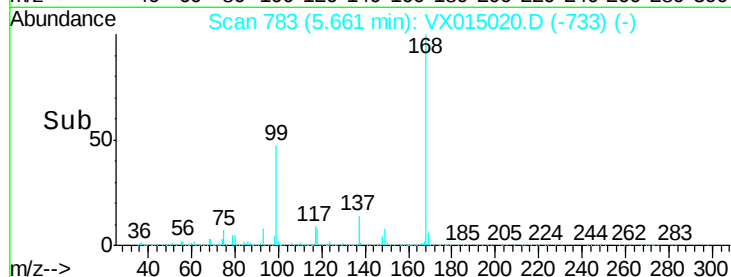
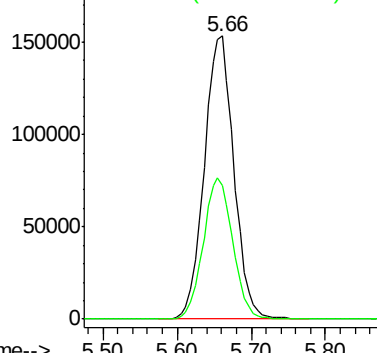
168 100

99 47.0 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 2.014 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX015020.D

Acq: 26 Feb 2020 14:59

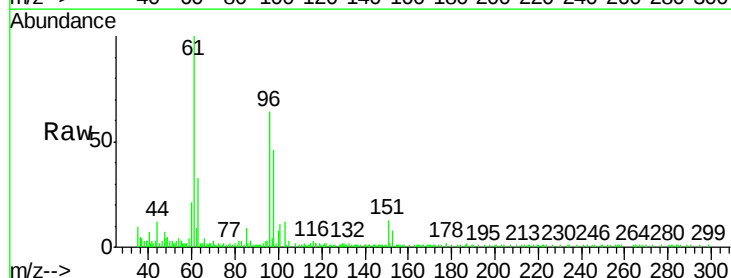
Tgt Ion: 96 Resp: 7859

Ion Ratio Lower Upper

96 100

61 154.7 129.5 194.3

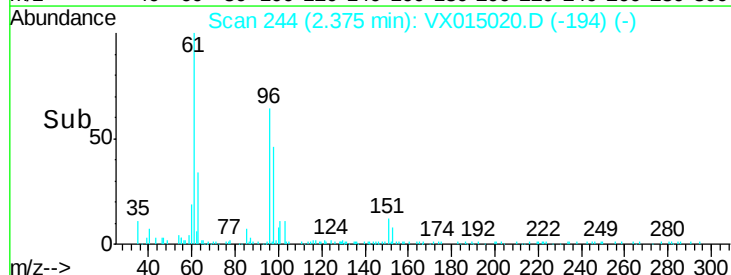
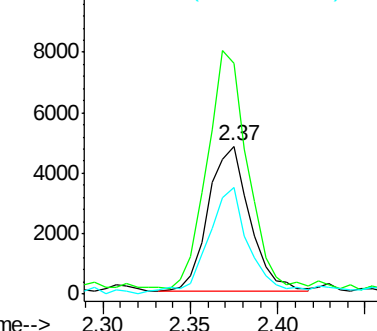
98 70.4 50.6 76.0

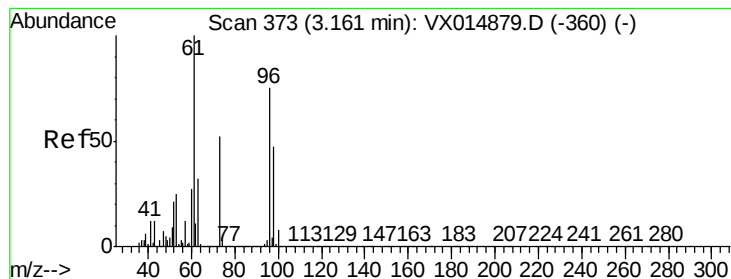


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 2.144 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015020.D

Acq: 26 Feb 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

MH-140B-20200225

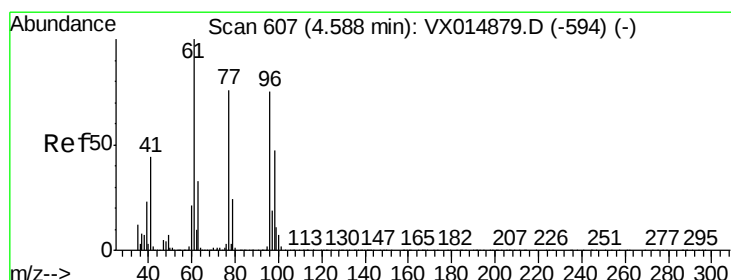
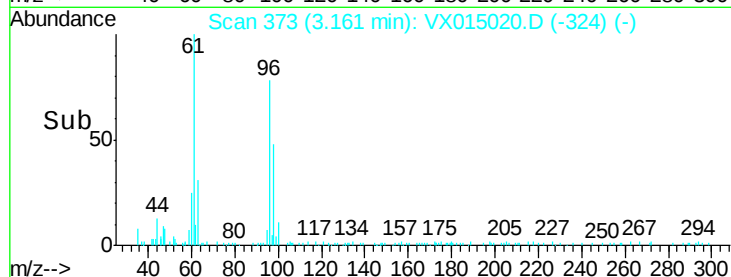
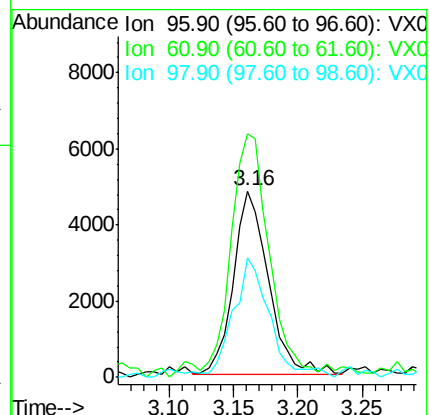
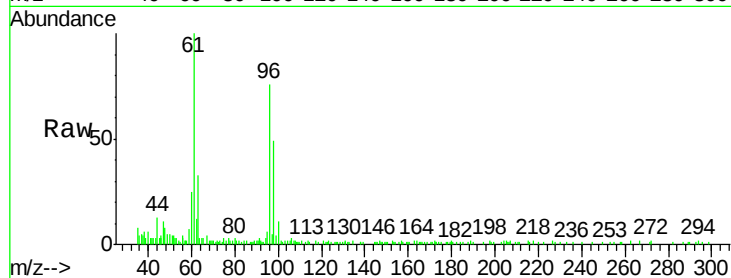
Tot Ion: 96 Resp: 9234

Ion Ratio Lower Upper

96 100

61 126.5 106.9 160.3

98 62.8 50.7 76.1



#27

cis-1,2-Dichloroethene

Concen: 60.884 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015020.D

Acq: 26 Feb 2020 14:59

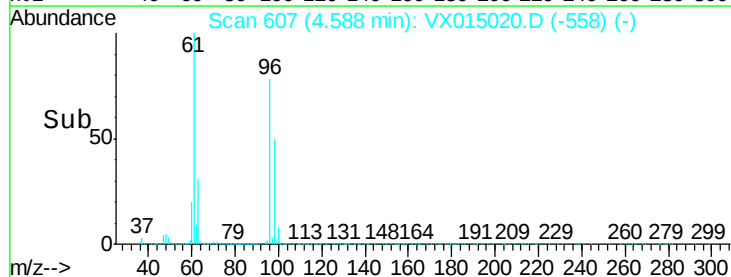
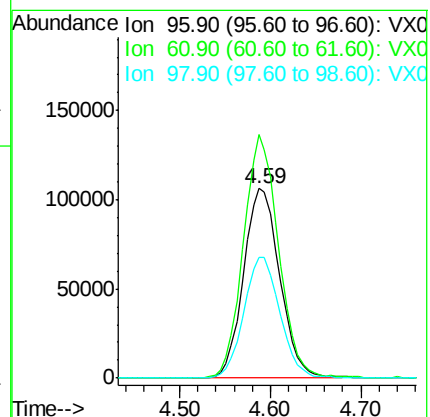
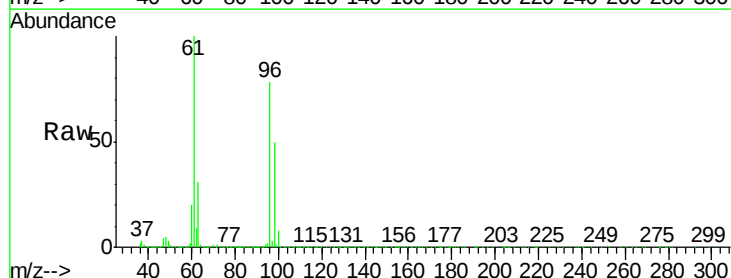
Tgt Ion: 96 Resp: 293065

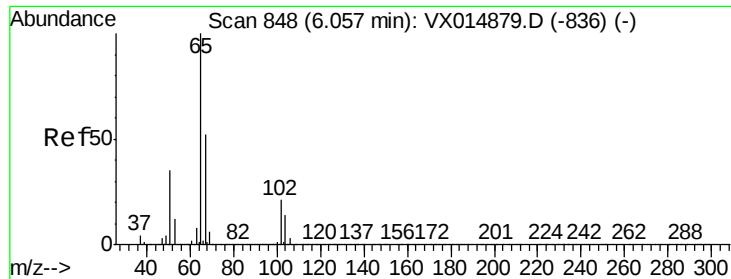
Ion Ratio Lower Upper

96 100

61 125.0 0.0 286.2

98 64.1 0.0 131.0

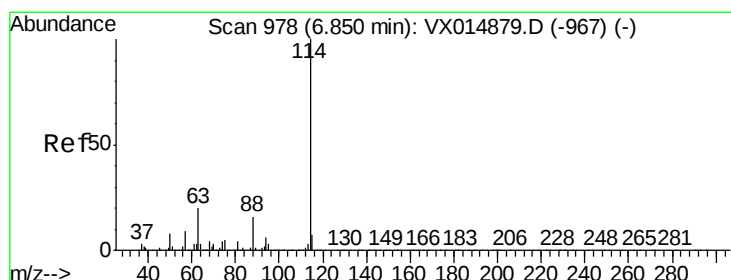
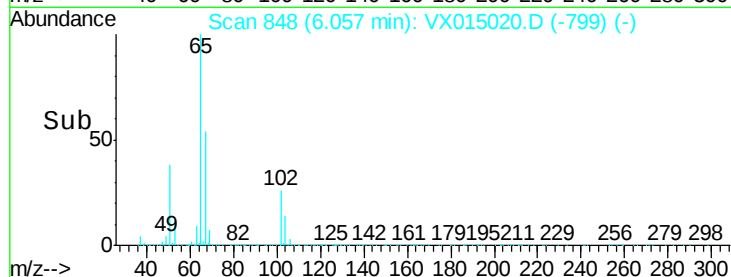
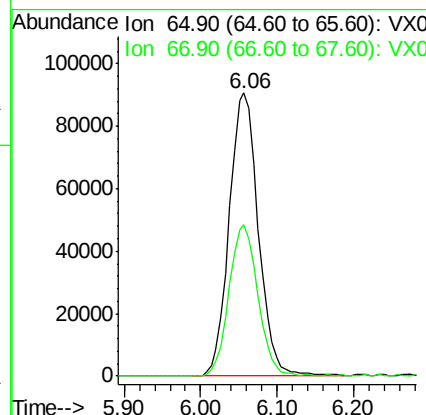
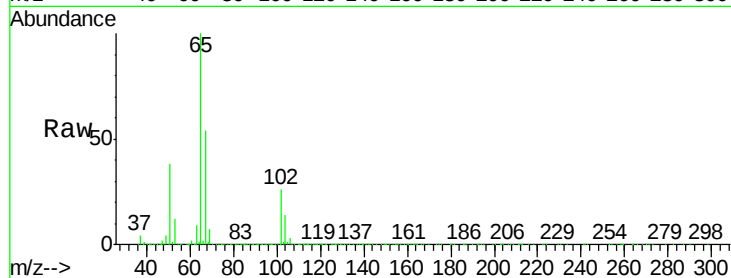




#33
 1,2-Dichloroethane-d4
 Concen: 49.153 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX015020.D
 Acq: 26 Feb 2020 14:59

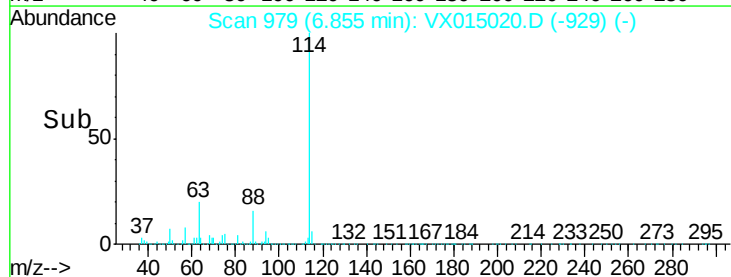
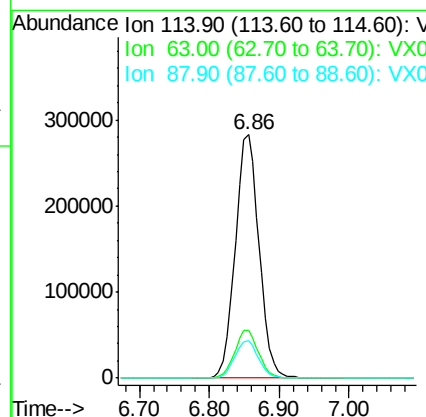
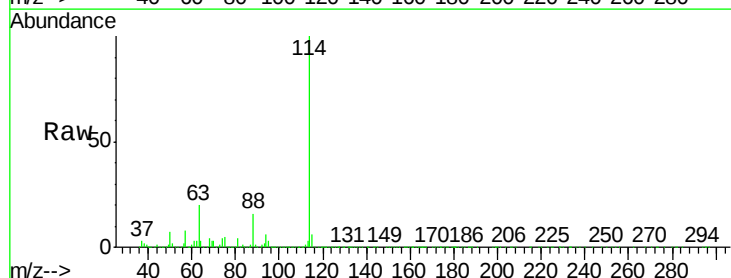
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20200225

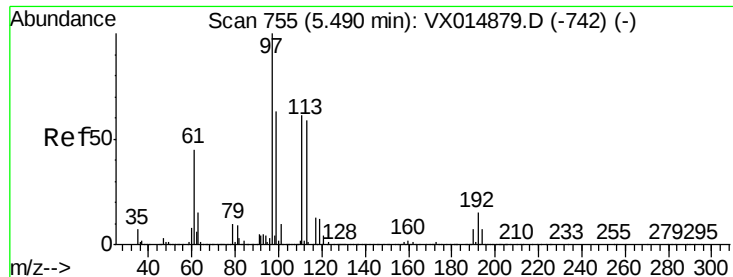
Tot Ion: 65 Resp: 236178
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX015020.D
 Acq: 26 Feb 2020 14:59

Tgt Ion: 114 Resp: 666800
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.759 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015020.D

Acq: 26 Feb 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20200225

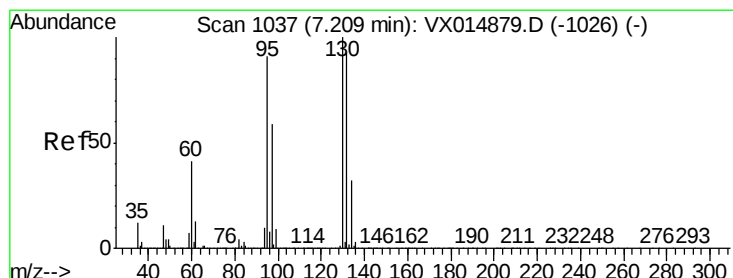
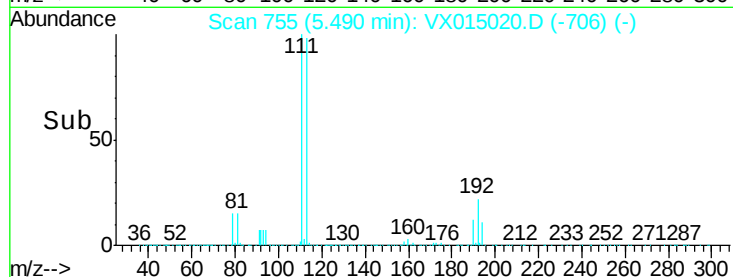
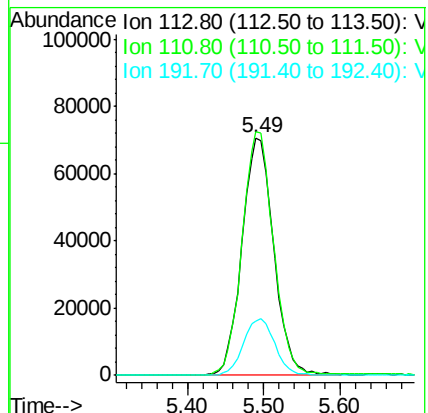
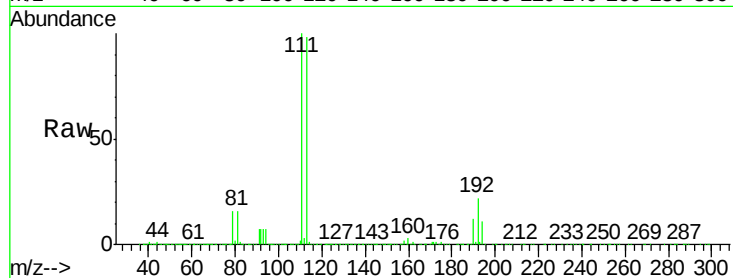
Tot Ion:113 Resp: 203980

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 23.7 19.1 28.7



#44

Trichloroethene

Concen: 268.384 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015020.D

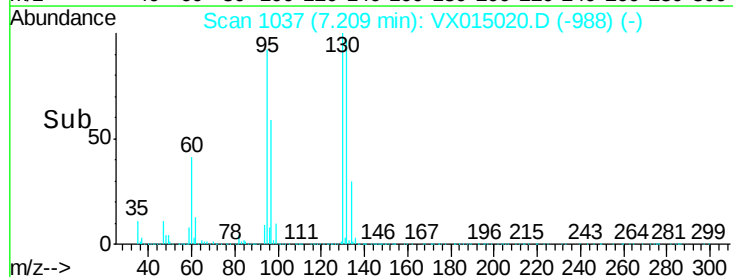
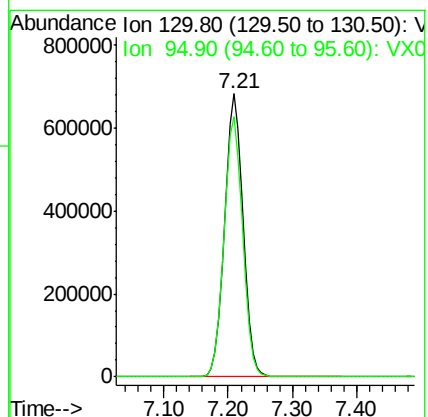
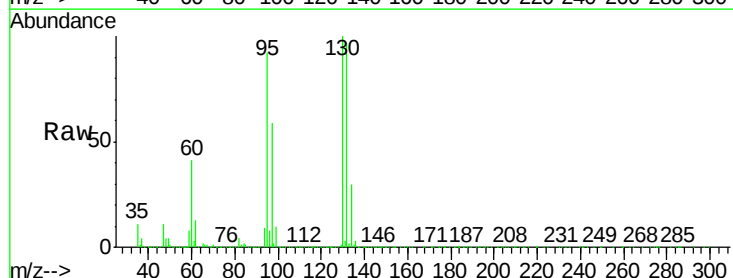
Acq: 26 Feb 2020 14:59

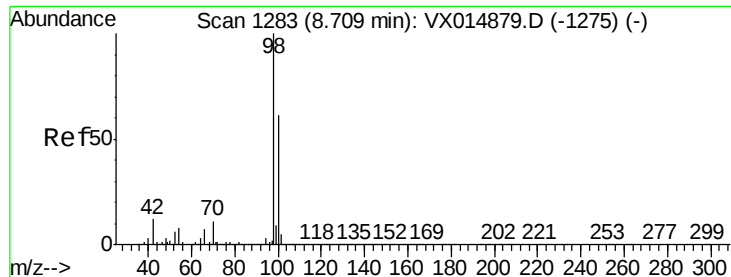
Tgt Ion:130 Resp: 1388503

Ion Ratio Lower Upper

130 100

95 91.8 0.0 182.6





#50

Toluene-d8

Concen: 51.327 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015020.D

Acq: 26 Feb 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

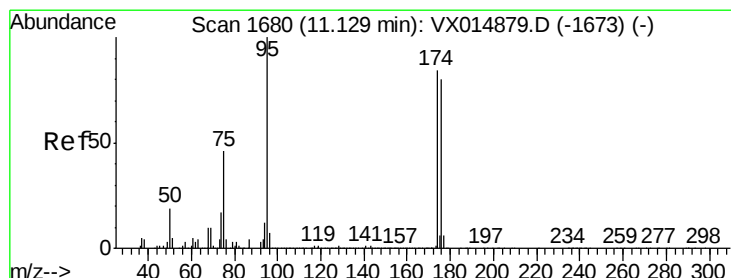
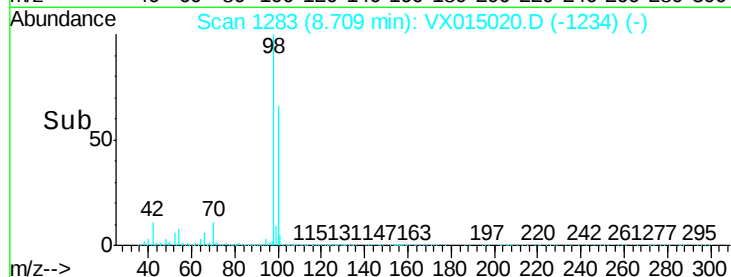
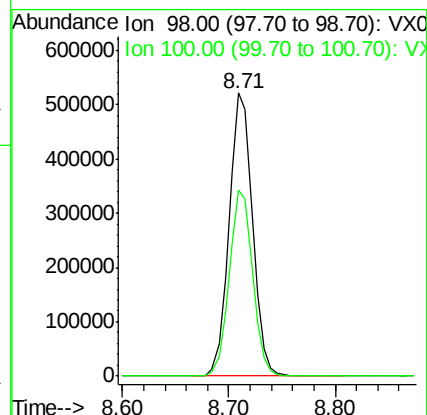
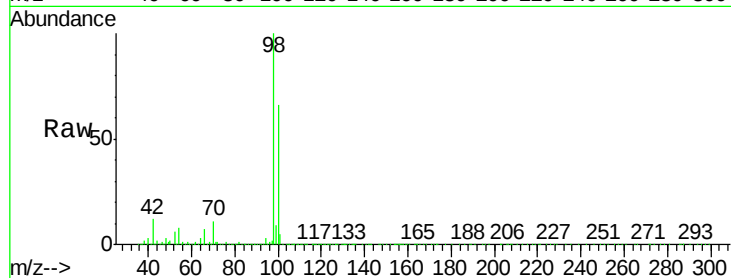
MH-140B-20200225

Tot Ion: 98 Resp: 803136

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.657 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015020.D

Acq: 26 Feb 2020 14:59

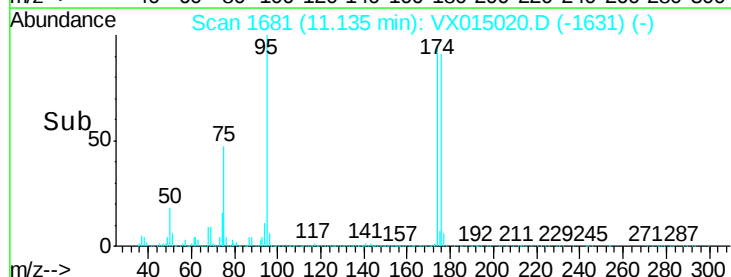
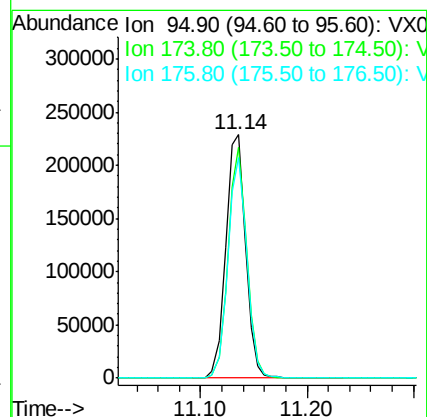
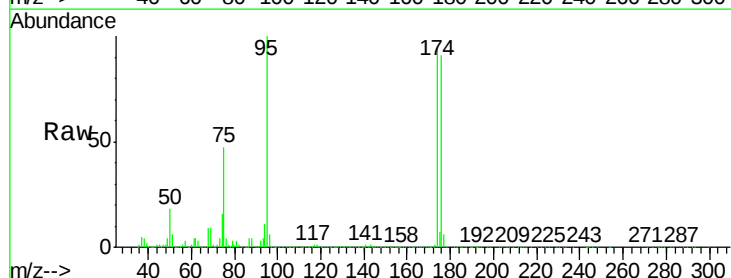
Tgt Ion: 95 Resp: 296812

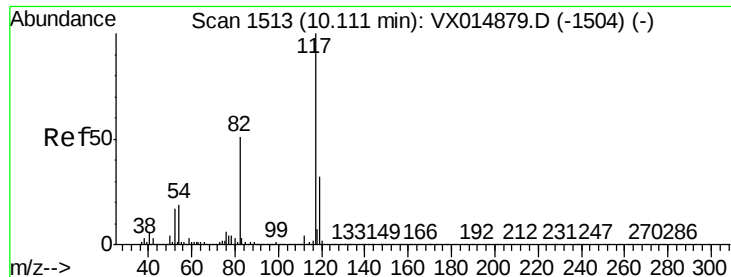
Ion Ratio Lower Upper

95 100

174 89.9 0.0 183.0

176 87.3 0.0 178.0

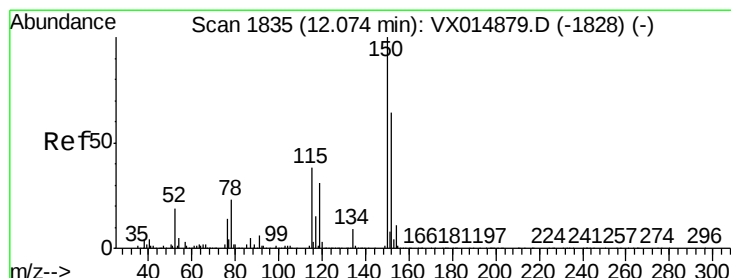
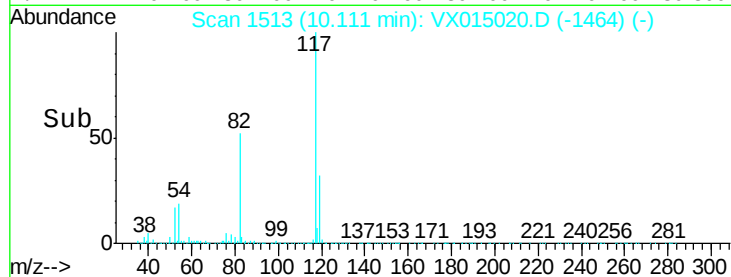
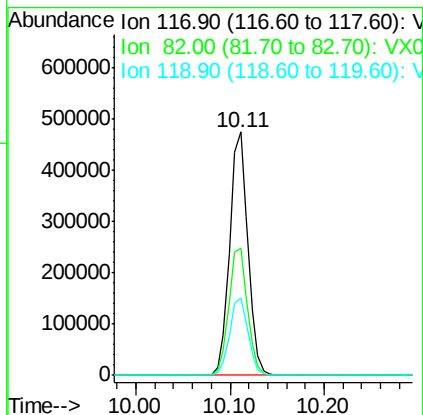
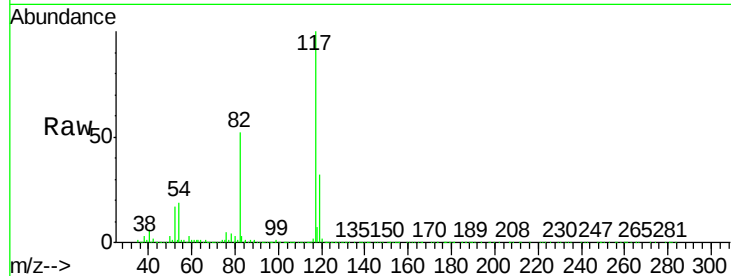




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015020.D
Acq: 26 Feb 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20200225

Tot Ion:117 Resp: 637129
Ion Ratio Lower Upper
117 100
82 52.2 40.5 60.7
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015020.D
Acq: 26 Feb 2020 14:59

Tgt Ion:152 Resp: 331383
Ion Ratio Lower Upper
152 100
115 54.1 38.6 116.0
150 156.0 0.0 349.0

