

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022620\
 Data File : VX015018.D
 Acq On : 26 Feb 2020 14:14
 Operator : JC/SP
 Sample : L1683-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-388.9-20200225

Quant Time: Feb 26 15:07:27 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

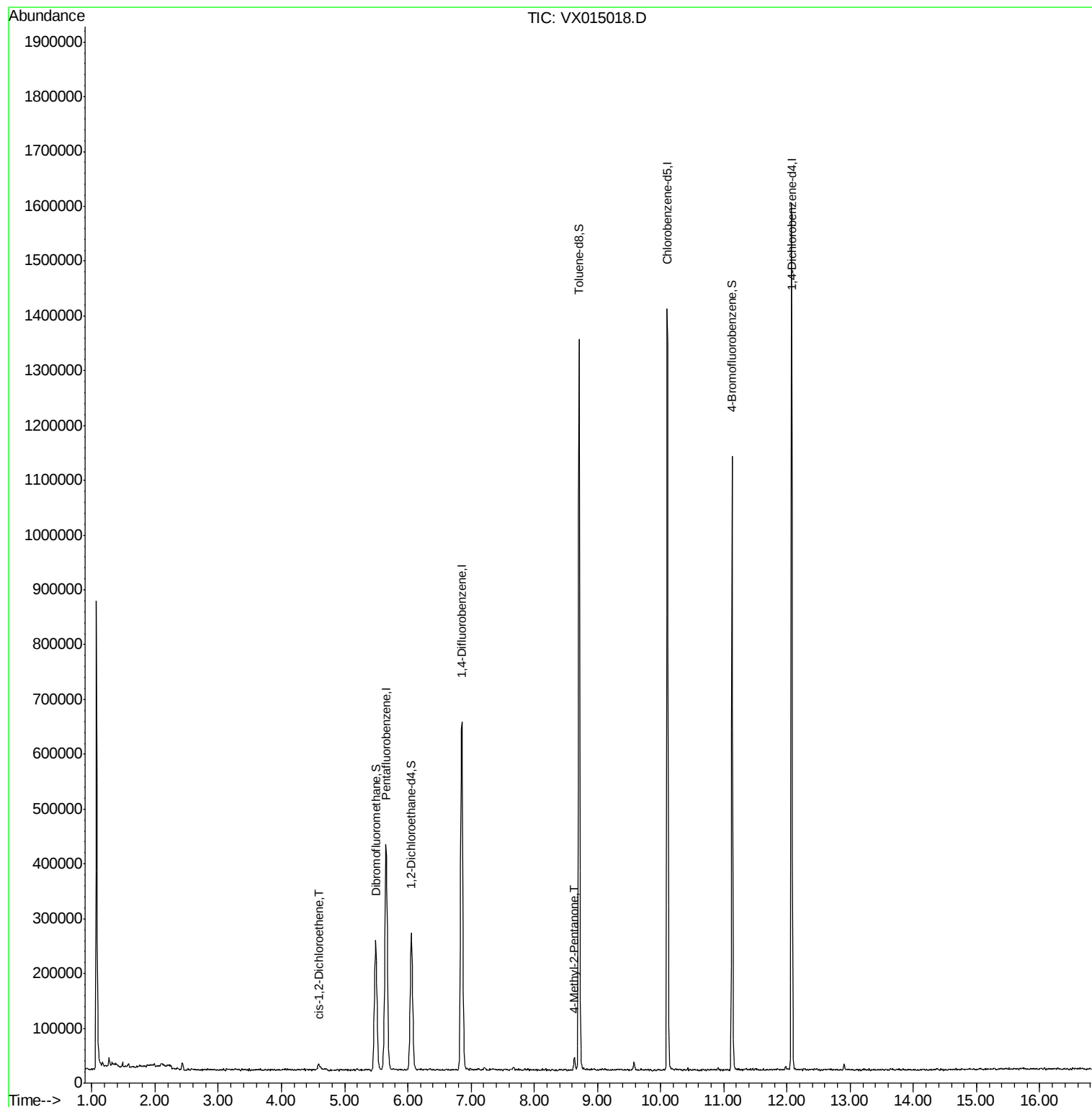
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	419334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	671976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	649957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	236183	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	5.49	113	201834	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	803200	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.13	95	300059	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	8659	1.826	ug/l	81
51) 4-Methyl-2-Pentanone	8.64	43	14431	2.311	ug/l	99

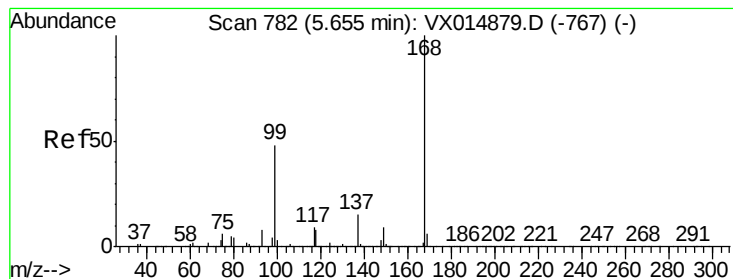
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015018.D

Acq: 26 Feb 2020 14:14

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MSVOA_X

ClientSampleId :

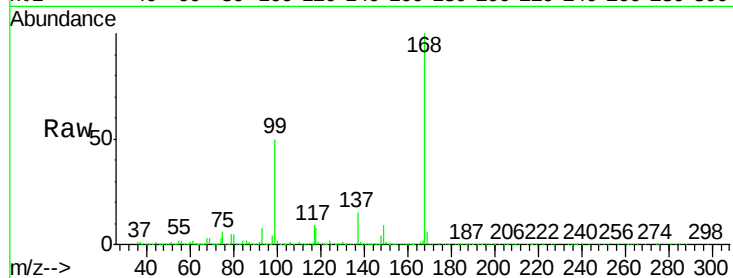
MH-388.9-20200225

Tot Ion:168 Resp: 419334

Ion Ratio Lower Upper

168 100

99 49.5 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

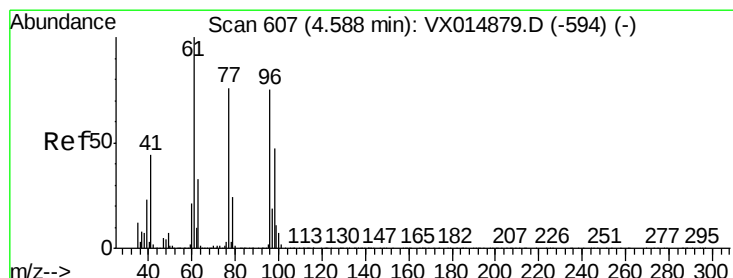
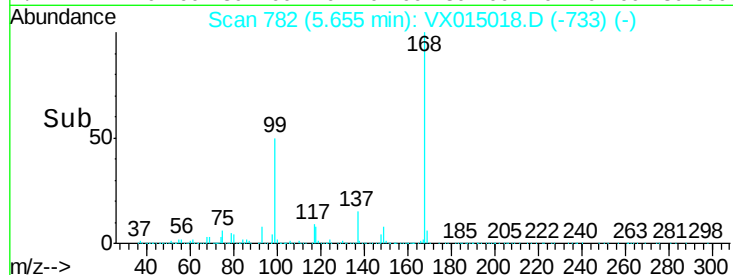
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 1.826 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015018.D

Acq: 26 Feb 2020 14:14

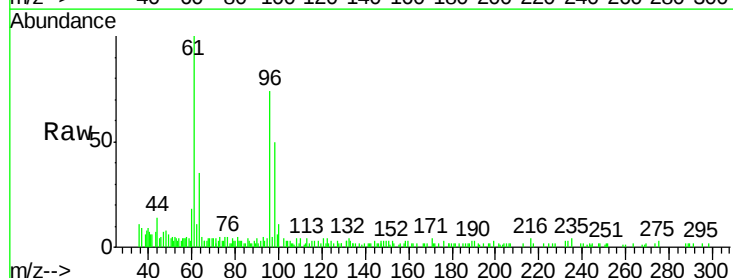
Tgt Ion: 96 Resp: 8659

Ion Ratio Lower Upper

96 100

61 110.5 0.0 286.2

98 64.0 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

5000

4000

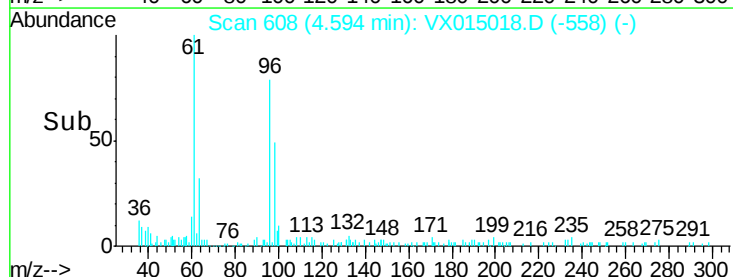
3000

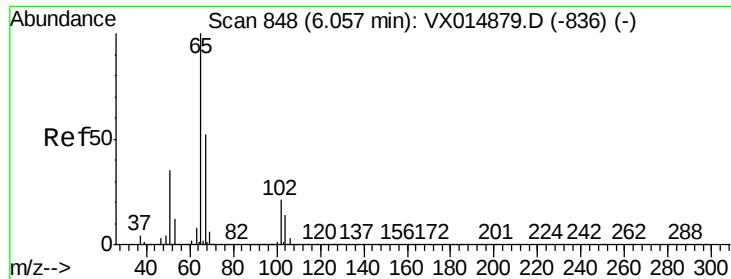
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.906 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX015018.D

Acq: 26 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

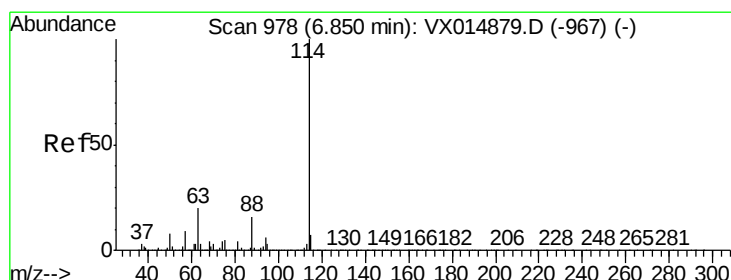
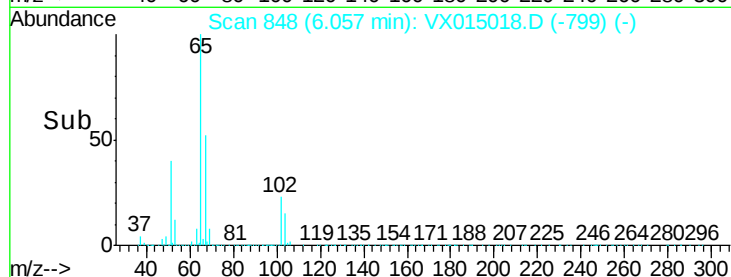
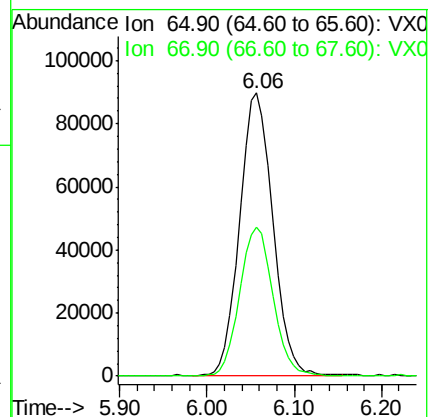
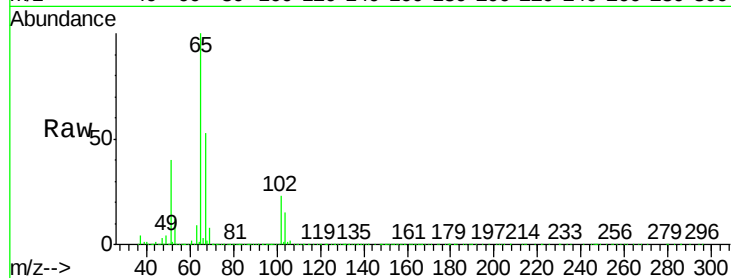
MH-388.9-20200225

Tot Ion: 65 Resp: 236183

Ion Ratio Lower Upper

65 100

67 52.9 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: VX015018.D

Acq: 26 Feb 2020 14:14

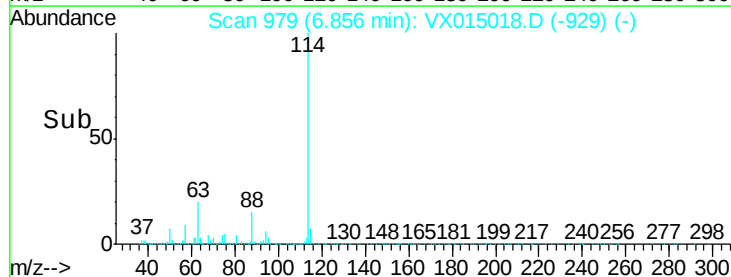
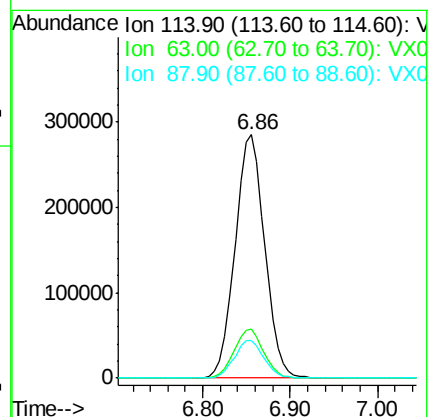
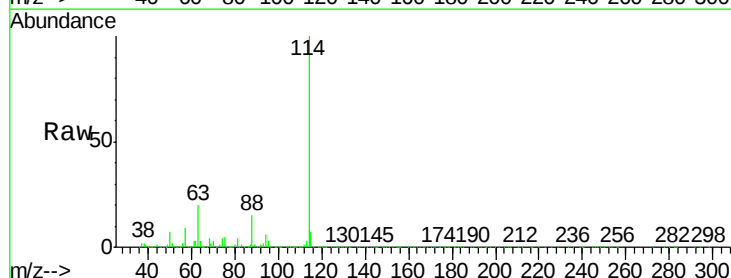
Tgt Ion: 114 Resp: 671976

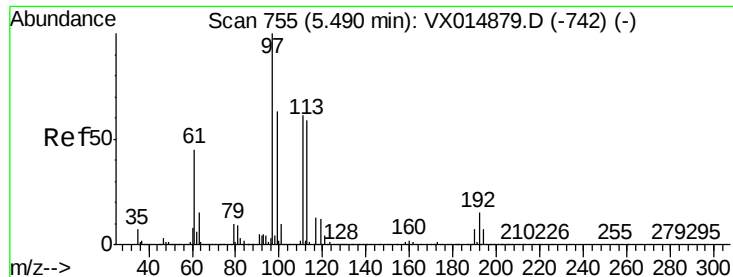
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.4 0.0 32.0

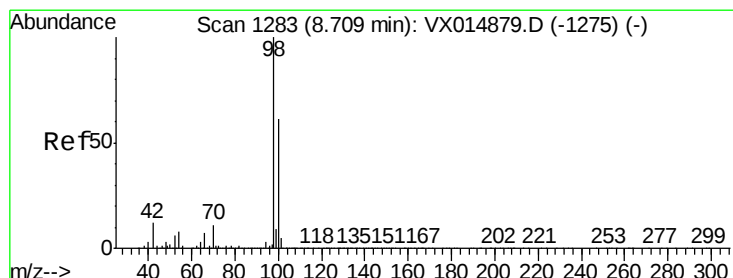
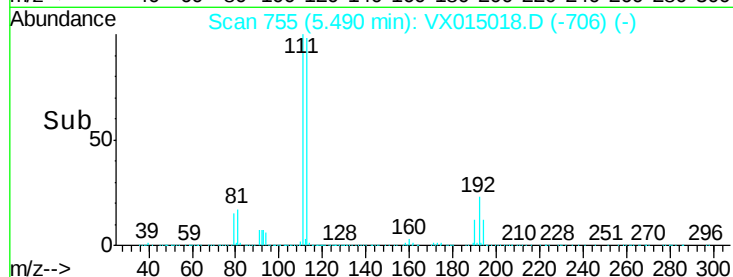
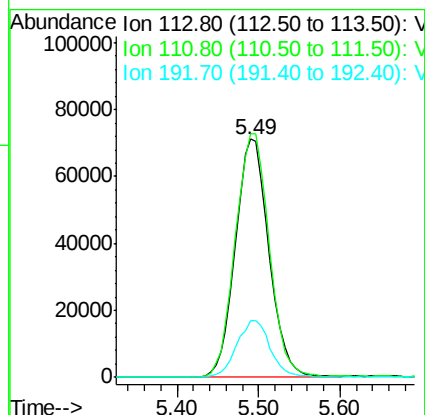
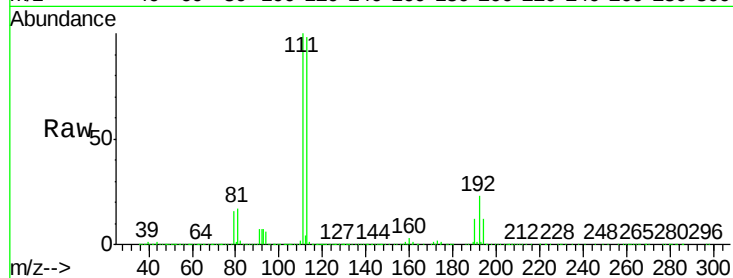




#35
Dibromofluoromethane
Concen: 48.857 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

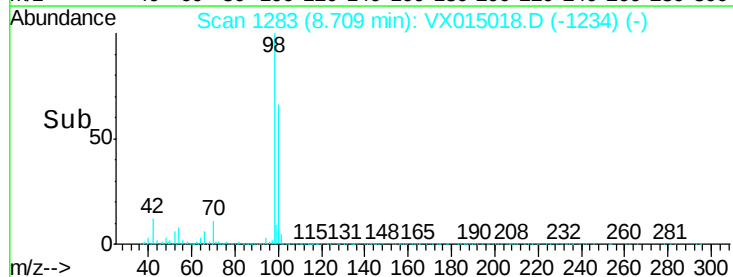
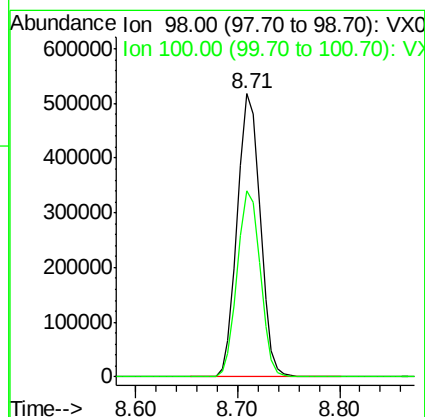
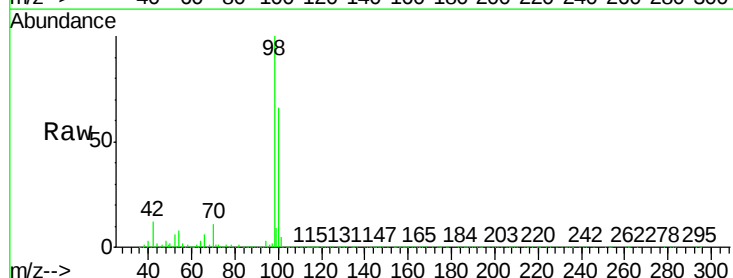
Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

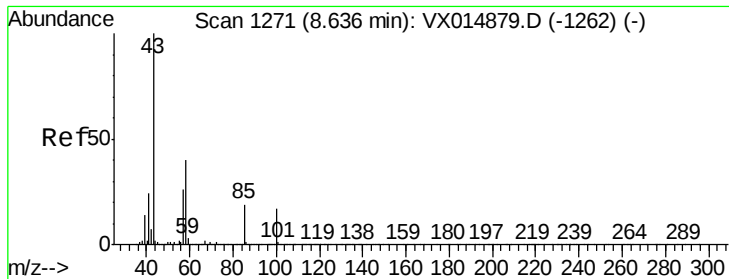
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	24.1	19.1	28.7



#50
Toluene-d8
Concen: 50.935 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 2.311 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX015018.D

Acq: 26 Feb 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

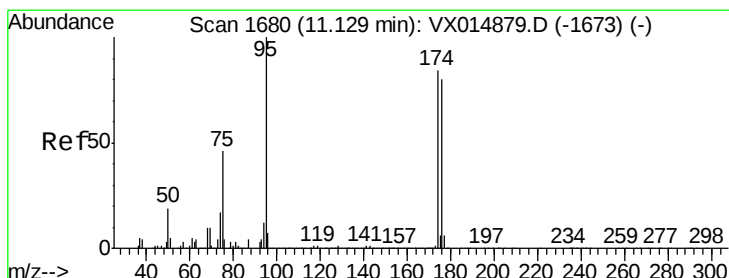
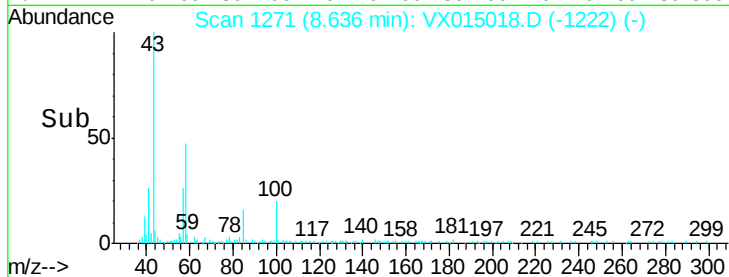
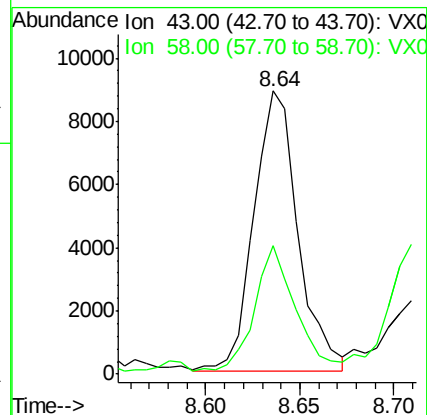
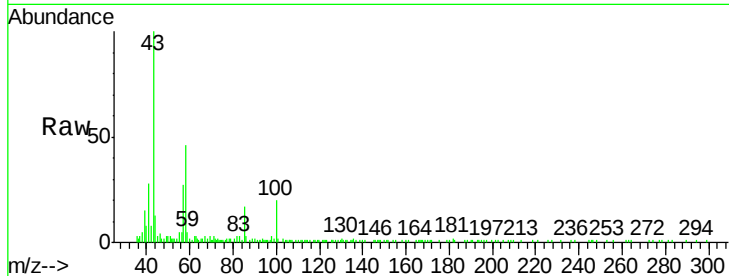
MH-388.9-20200225

Tot Ion: 43 Resp: 14431

Ion Ratio Lower Upper

43 100

58 40.6 31.9 47.9



#62

4-Bromofluorobenzene

Concen: 52.823 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015018.D

Acq: 26 Feb 2020 14:14

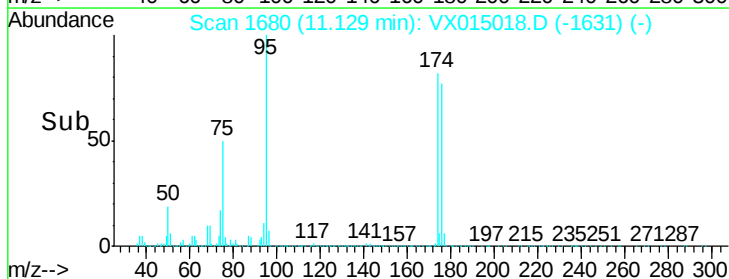
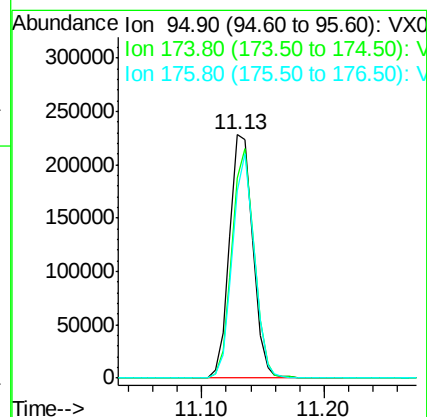
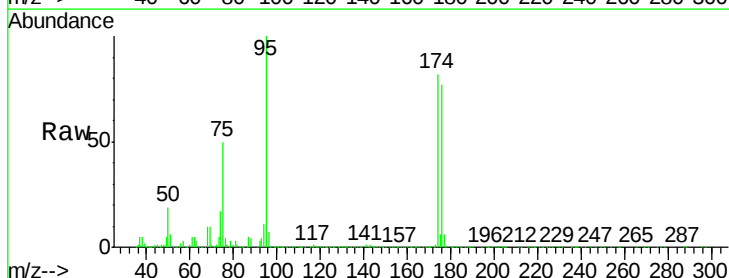
Tgt Ion: 95 Resp: 300059

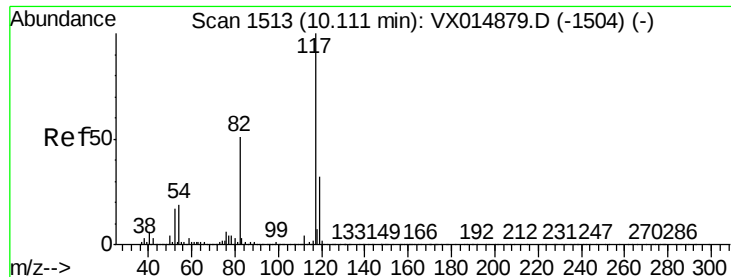
Ion Ratio Lower Upper

95 100

174 90.5 0.0 183.0

176 86.5 0.0 178.0

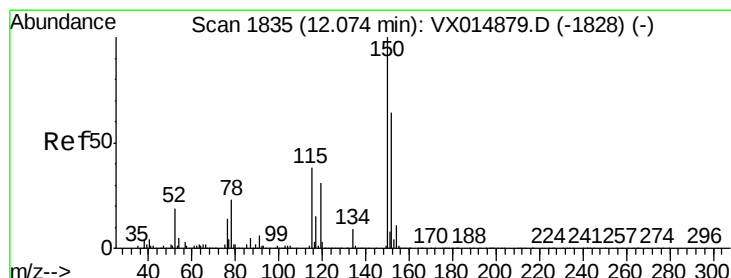
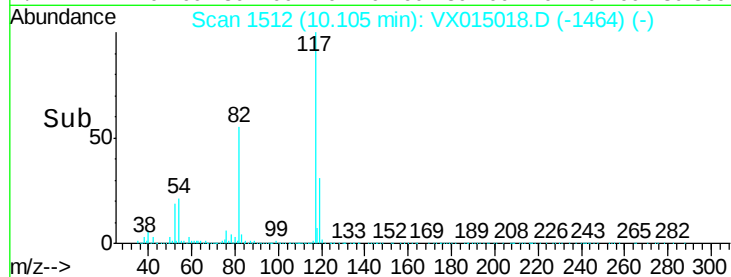
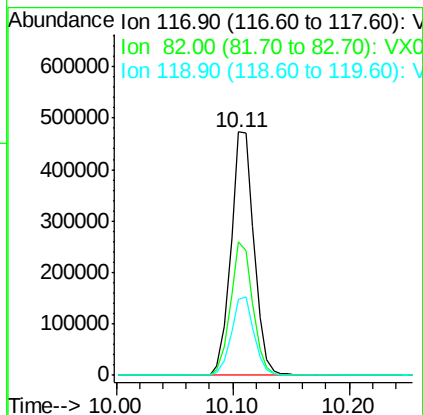
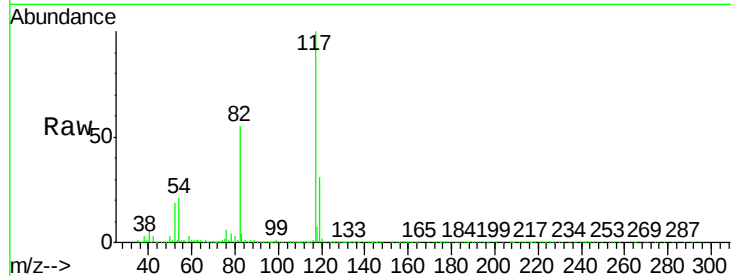




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015018.D
Acq: 26 Feb 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20200225

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	40.5	60.7
119	31.0	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: VX015018.D
Acq: 26 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.6	116.0
150	157.3	0.0	349.0

