

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013593.D
 Acq On : 25 Nov 2019 19:53
 Operator : JC/SP
 Sample : K5968-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20191121

Quant Time: Nov 26 04:26:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

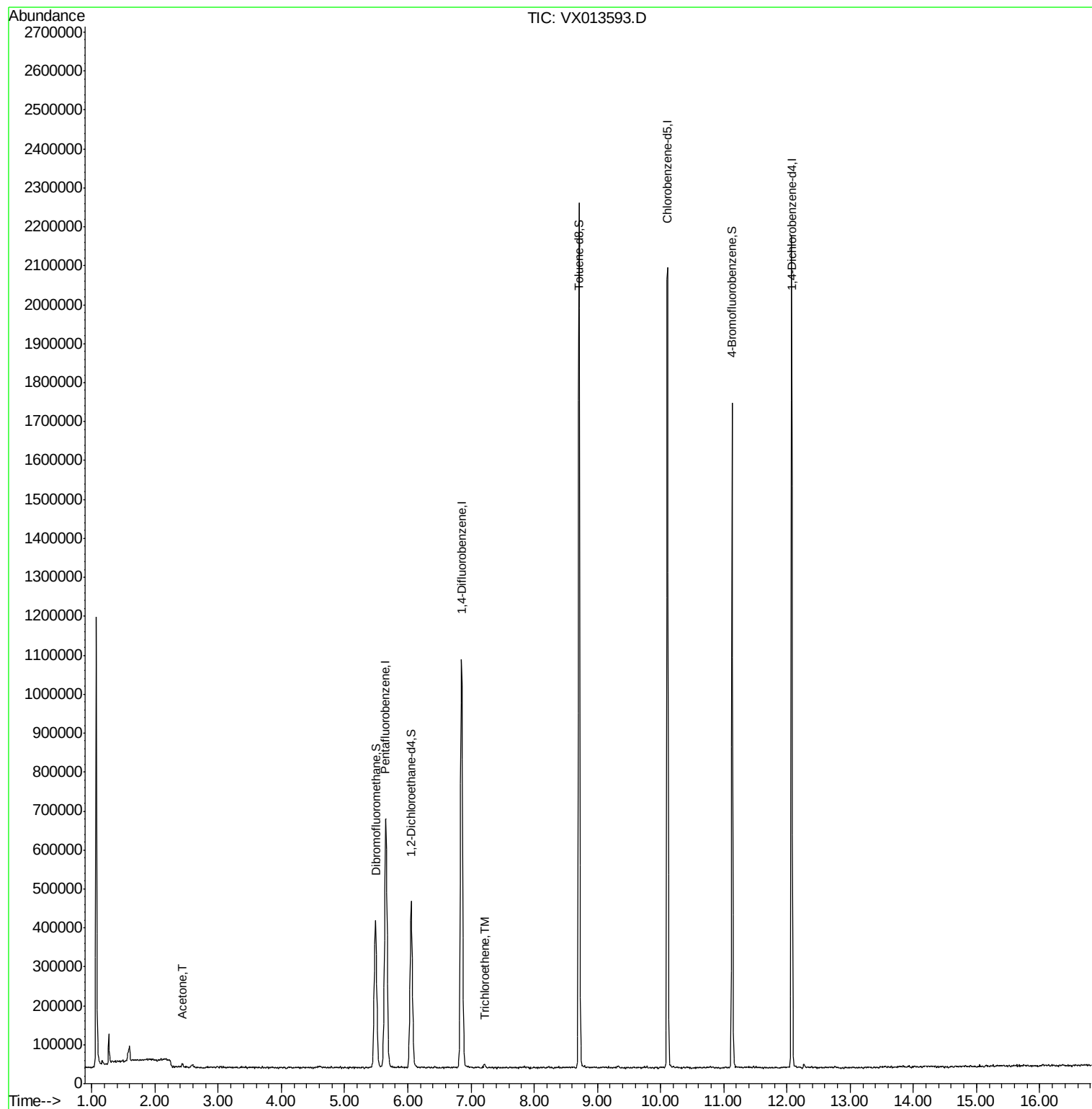
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	671965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1098312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	981150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	446584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	401344	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	5.49	113	325028	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	8.71	98	1299752	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.14	95	441625	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
16) Acetone	2.43	43	9384	2.363	ug/l	97
44) Trichloroethene	7.22	130	3518	0.435	ug/l	95

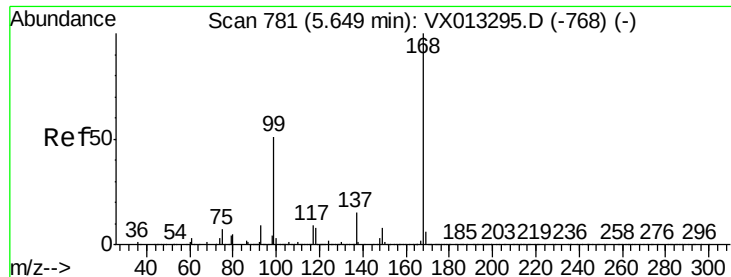
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013593.D

Acq: 25 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

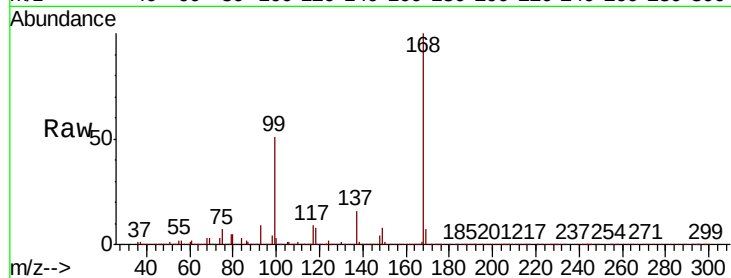
MH-140B-20191121

Tot Ion:168 Resp: 671965

Ion Ratio Lower Upper

168 100

99 51.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

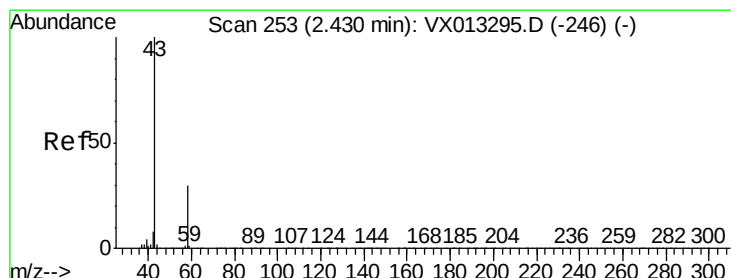
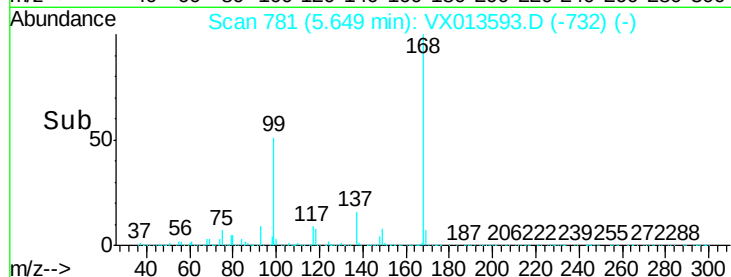
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.363 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013593.D

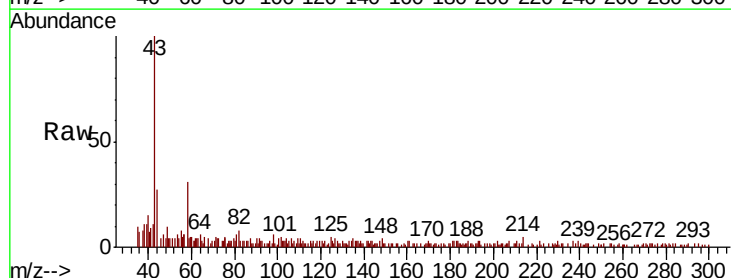
Acq: 25 Nov 2019 19:53

Tgt Ion: 43 Resp: 9384

Ion Ratio Lower Upper

43 100

58 28.6 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

3000

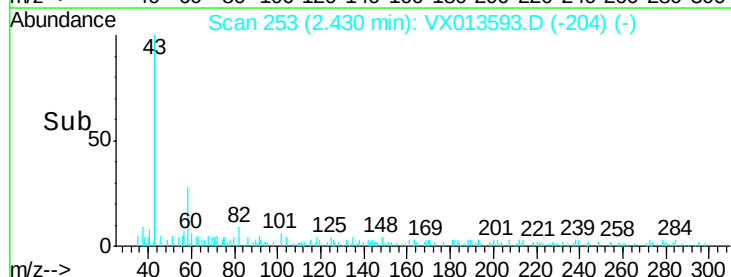
2000

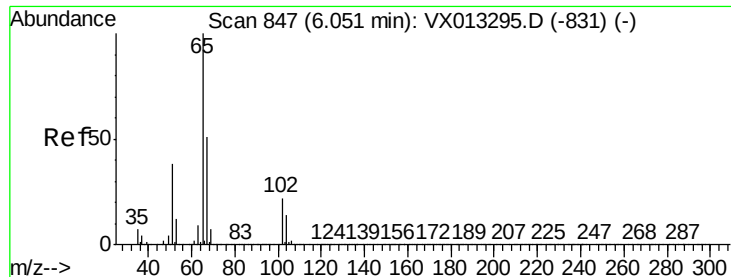
1000

0

Time-->

2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 50.415 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013593.D

Acq: 25 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

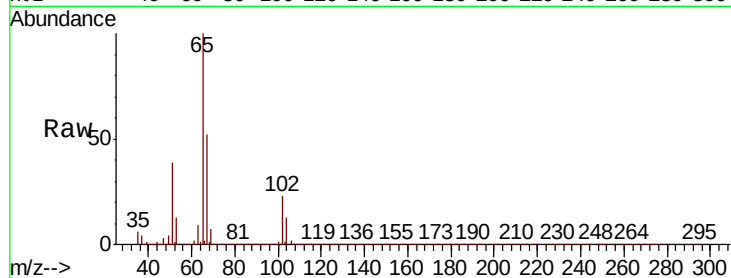
MH-140B-20191121

Tot Ion: 65 Resp: 401344

Ion Ratio Lower Upper

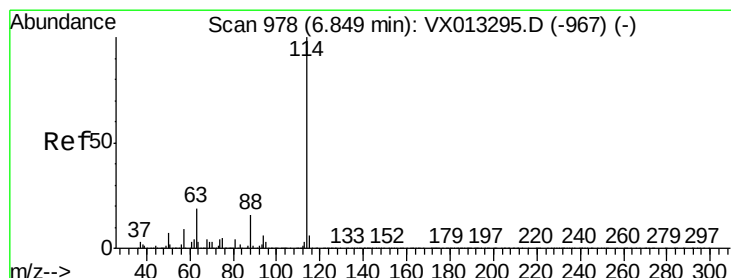
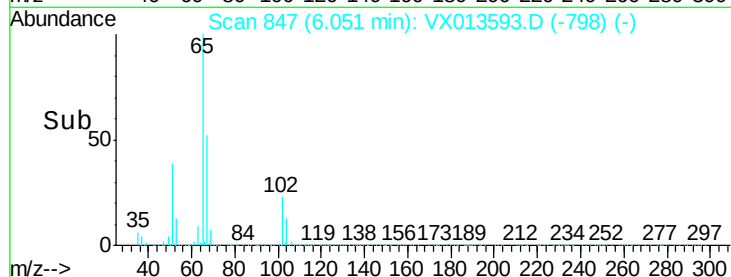
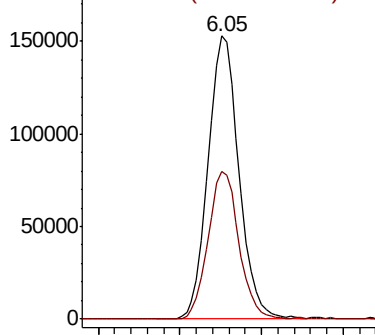
65 100

67 52.0 0.0 104.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013593.D

Acq: 25 Nov 2019 19:53

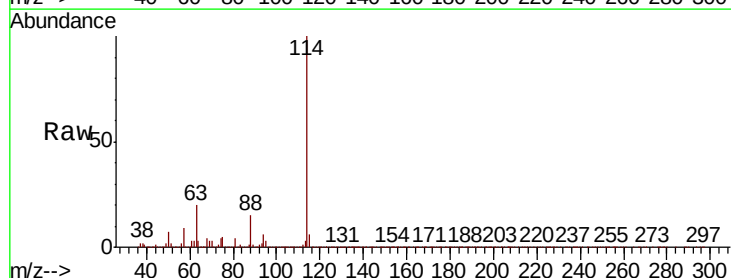
Tgt Ion: 114 Resp: 1098312

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

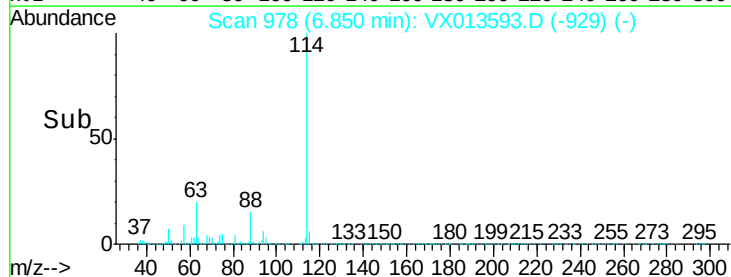
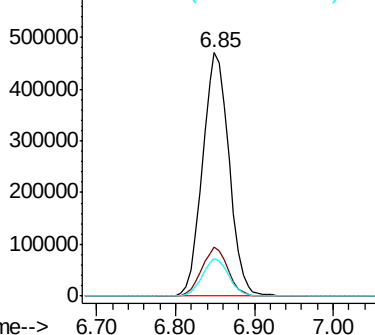
88 15.2 0.0 32.2

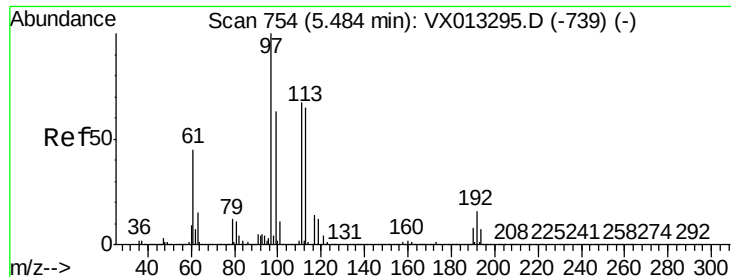


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.182 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013593.D

Acq: 25 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

MH-140B-20191121

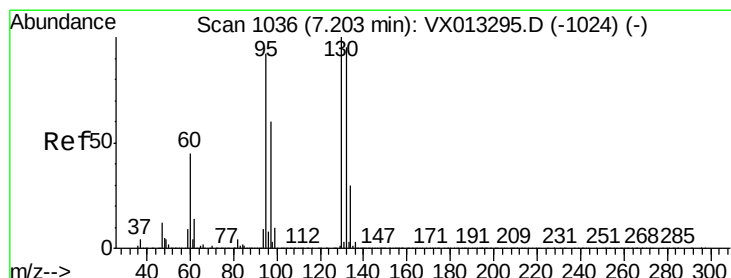
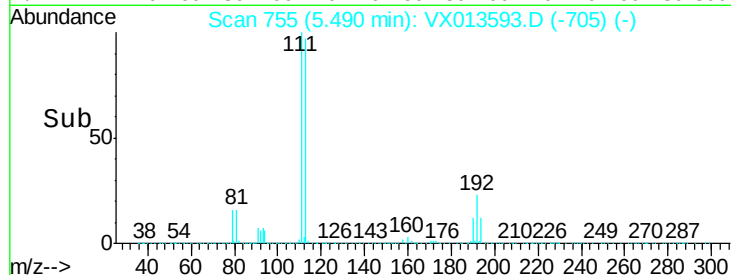
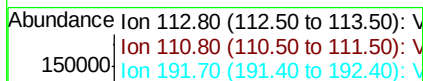
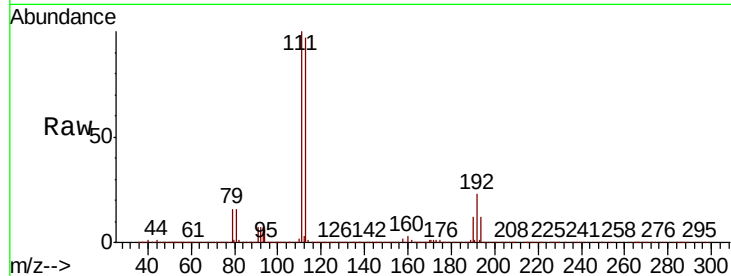
Tot Ion:113 Resp: 325028

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 23.8 19.1 28.7



#44

Trichloroethene

Concen: 0.435 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013593.D

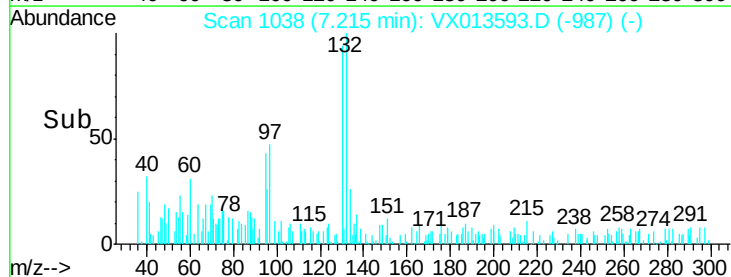
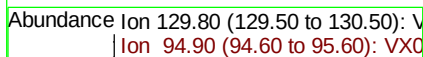
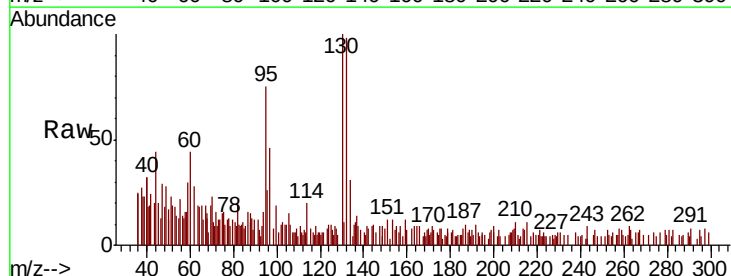
Acq: 25 Nov 2019 19:53

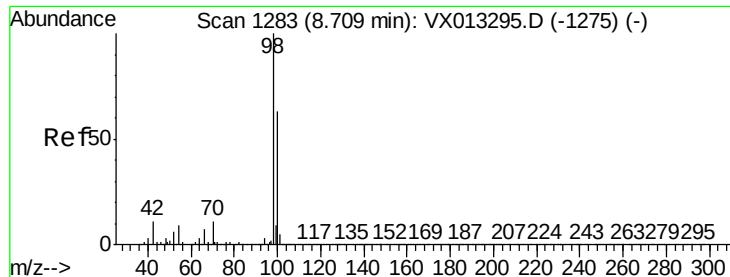
Tgt Ion:130 Resp: 3518

Ion Ratio Lower Upper

130 100

95 87.8 0.0 184.8





#50

Toluene-d8

Concen: 50.048 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013593.D

Acq: 25 Nov 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

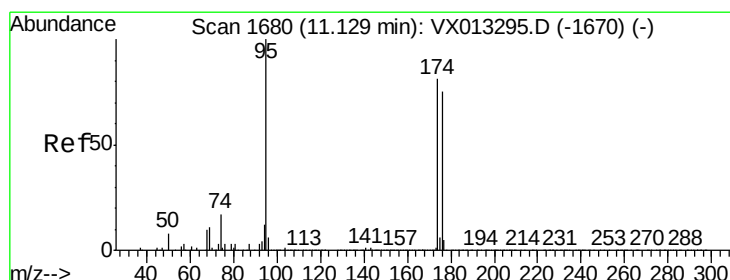
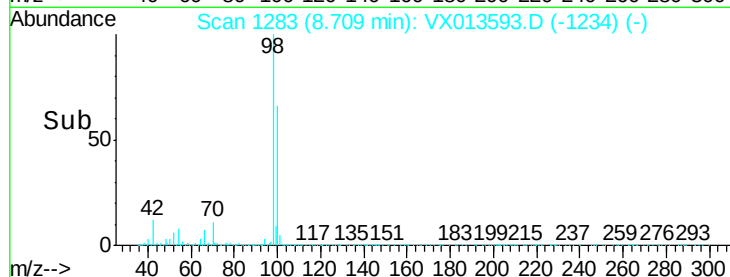
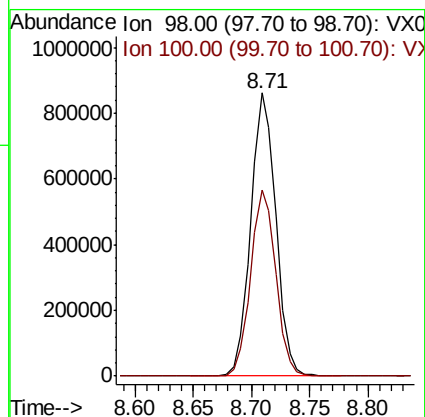
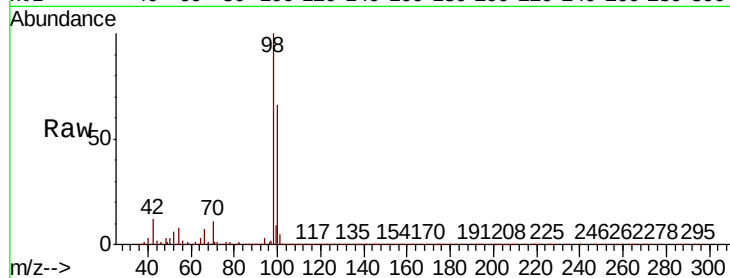
MH-140B-20191121

Tot Ion: 98 Resp: 1299752

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.118 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013593.D

Acq: 25 Nov 2019 19:53

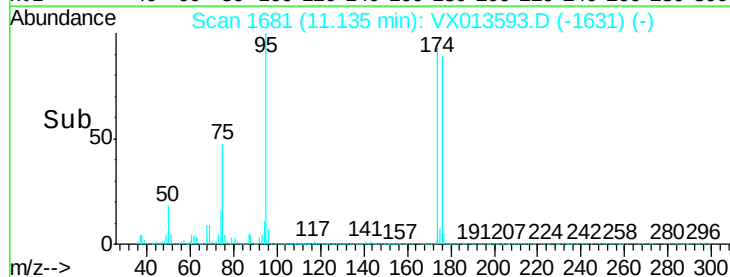
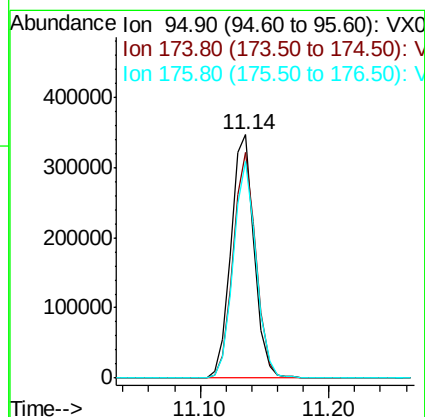
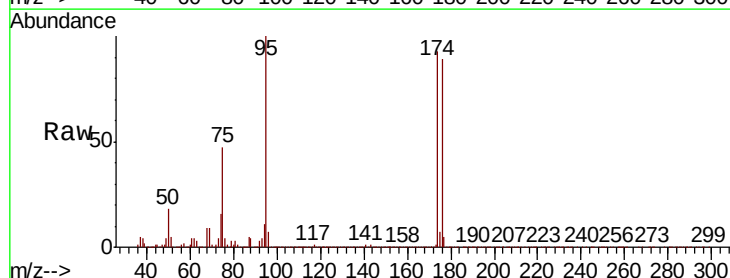
Tgt Ion: 95 Resp: 441625

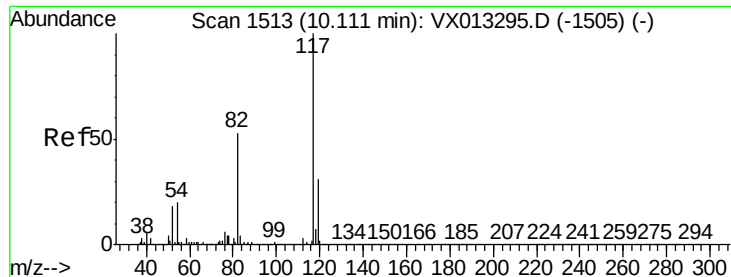
Ion Ratio Lower Upper

95 100

174 90.5 0.0 179.8

176 86.8 0.0 173.0

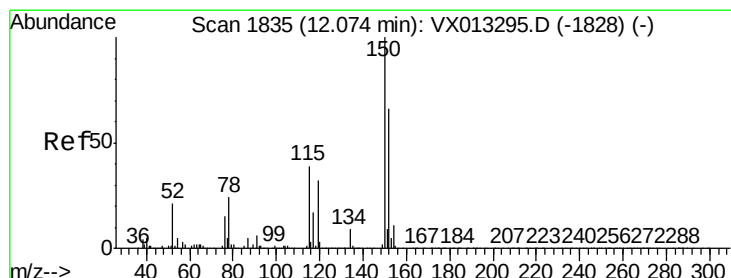
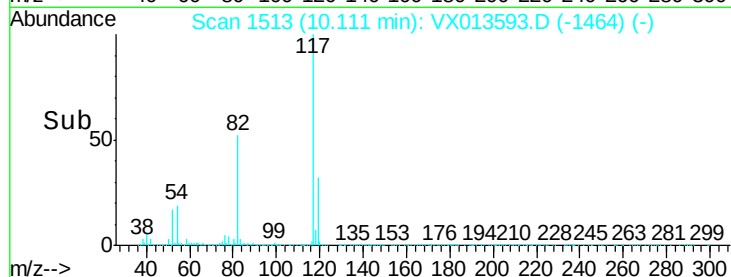
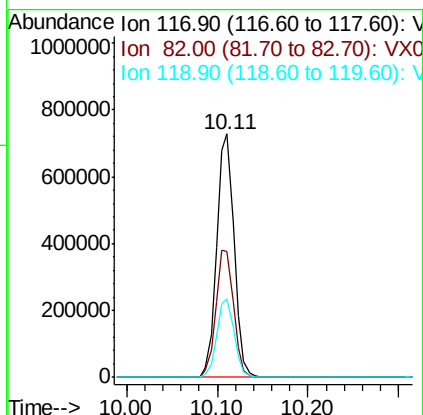
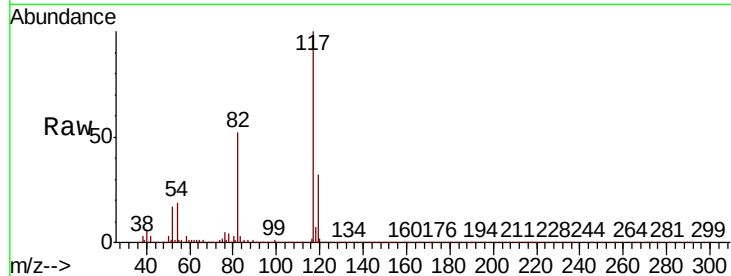




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013593.D
Acq: 25 Nov 2019 19:53

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20191121

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.6	64.0
119	32.2	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013593.D
Acq: 25 Nov 2019 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.5	118.3
150	158.3	0.0	344.4

