

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
 Data File : VX014978.D
 Acq On : 20 Feb 2020 15:22
 Operator : JC/SP
 Sample : L1605-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HAM-TB021920

Quant Time: Feb 21 01:10:14 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	469193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	737927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	713468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	387643	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	264104	49.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.48	113	222130	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	8.71	98	880722	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.13	95	340744	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	

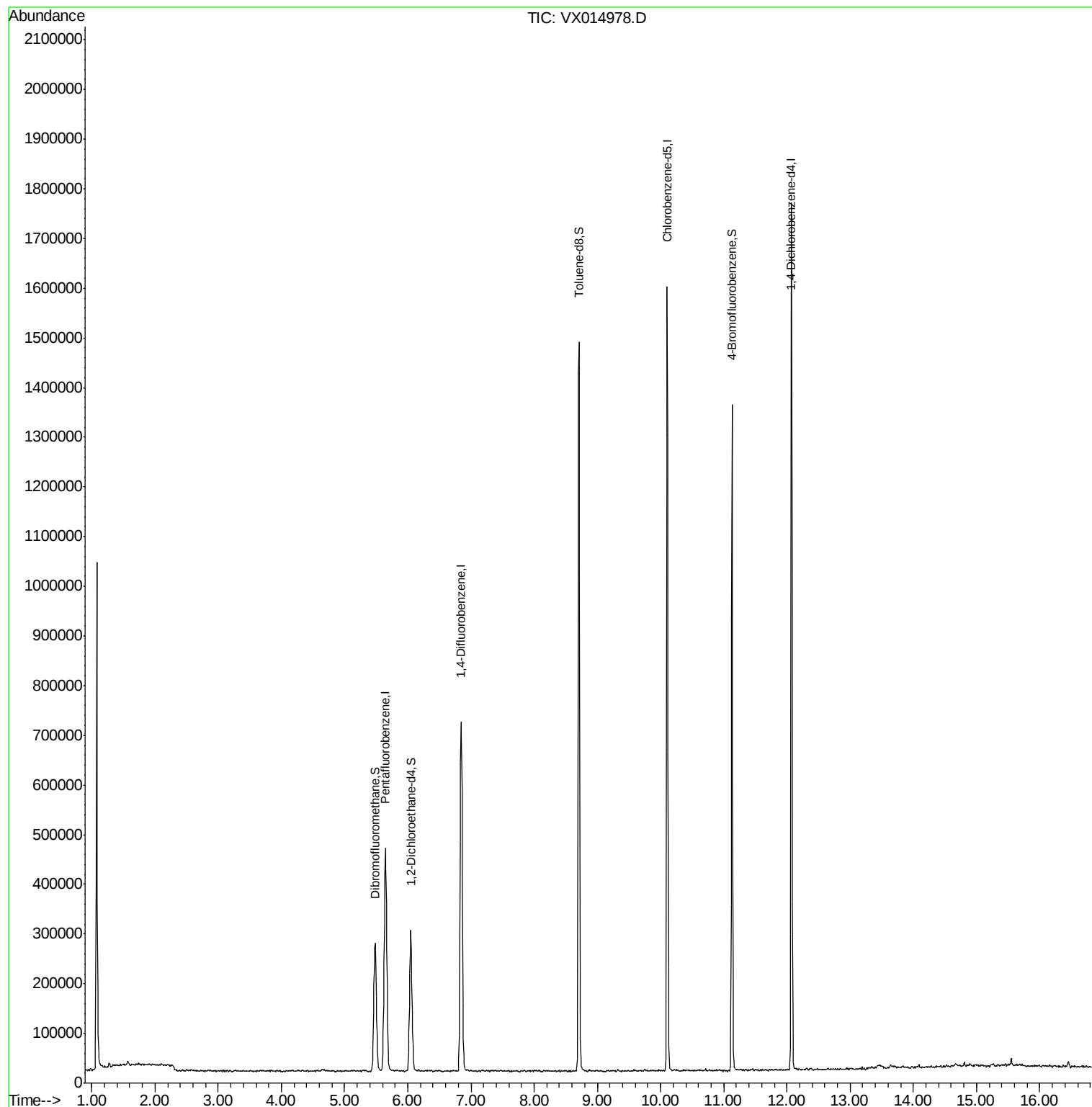
Target Compounds	Qvalue
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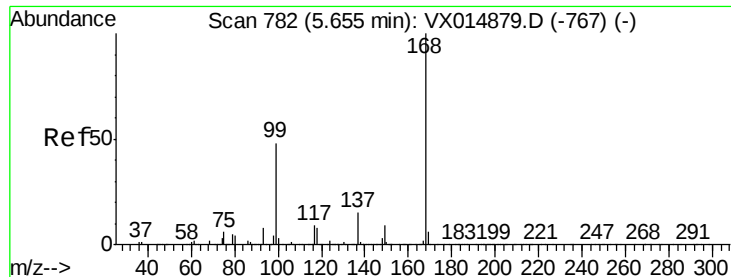
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

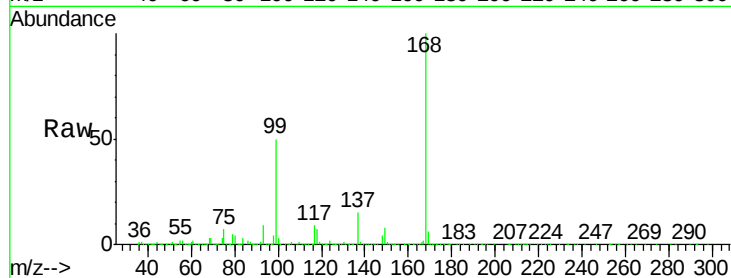
HAM-TB021920

Tot Ion:168 Resp: 469193

Ion Ratio Lower Upper

168 100

99 50.3 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

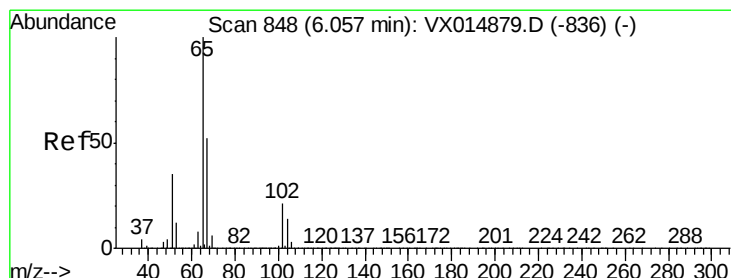
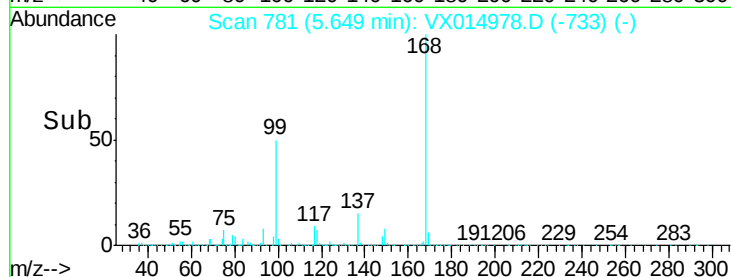
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.876 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014978.D

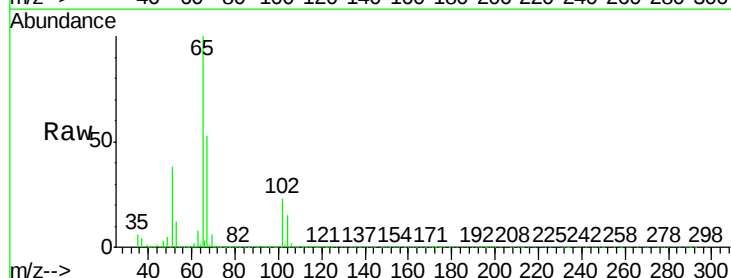
Acq: 20 Feb 2020 15:22

Tgt Ion: 65 Resp: 264104

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

120000

100000

80000

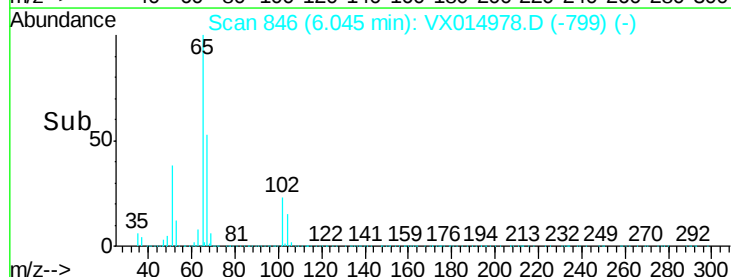
60000

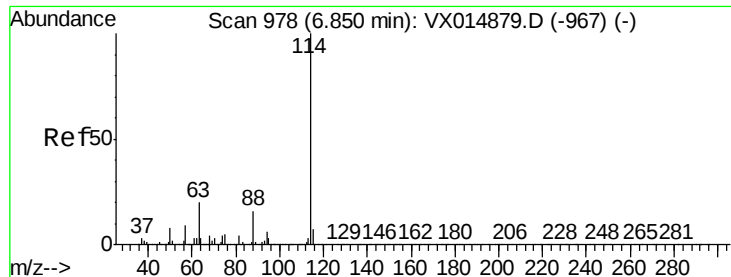
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

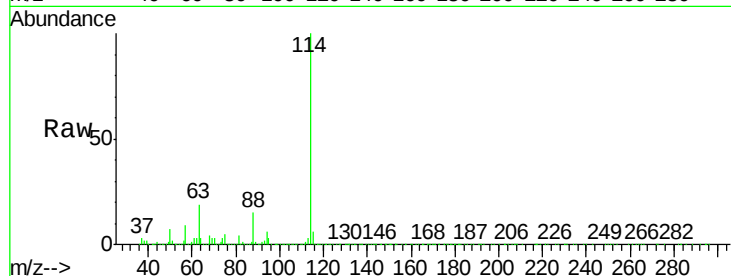
Instrument :

MSVOA_X

ClientSampleId :

HAM-TB021920

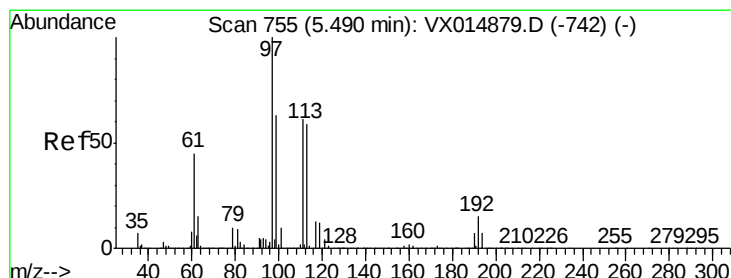
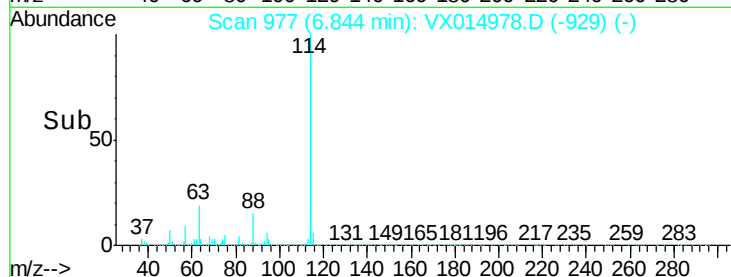
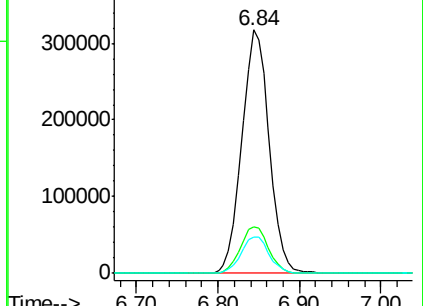
Tot Ion:	114	Resp:	737927
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.2
88	14.9	0.0	32.0



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



#35

Dibromofluoromethane

Concen: 48.964 ug/l

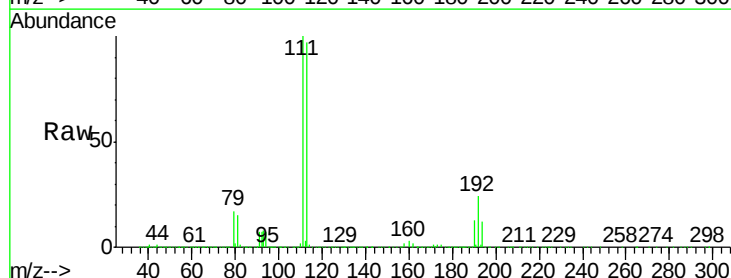
RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

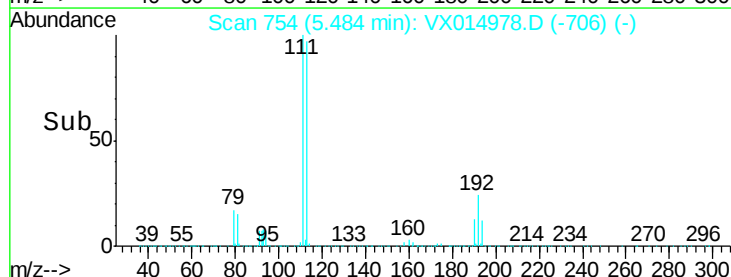
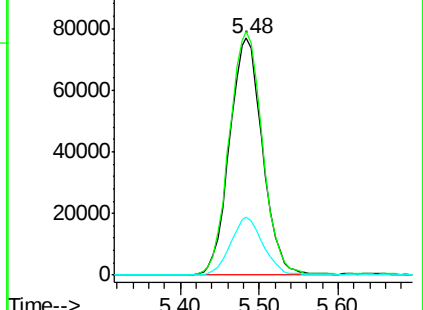
Tgt Ion:	113	Resp:	222130
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	24.4	19.1	28.7

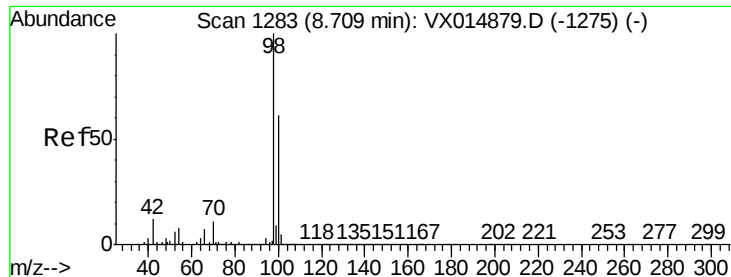


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.860 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

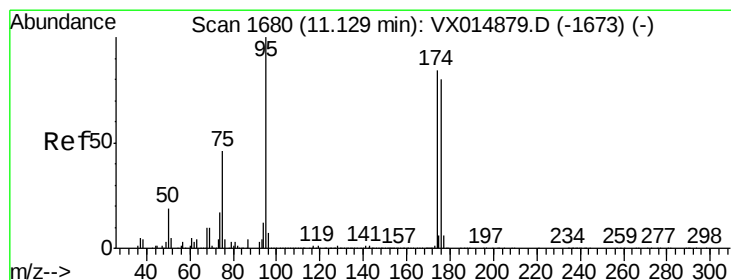
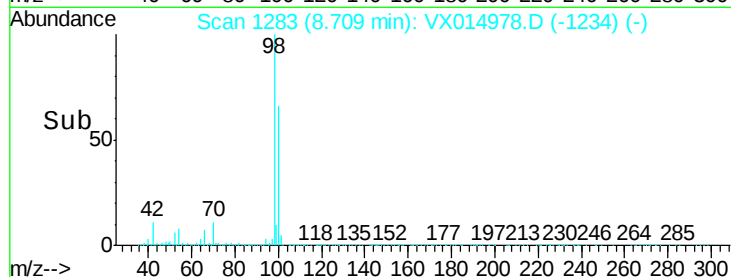
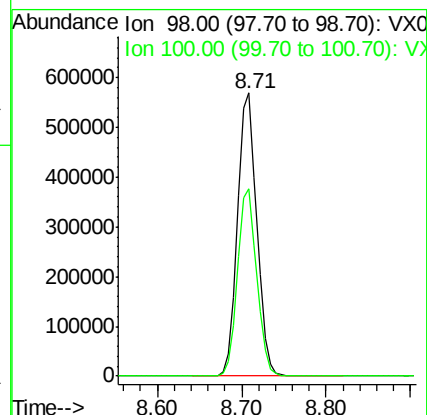
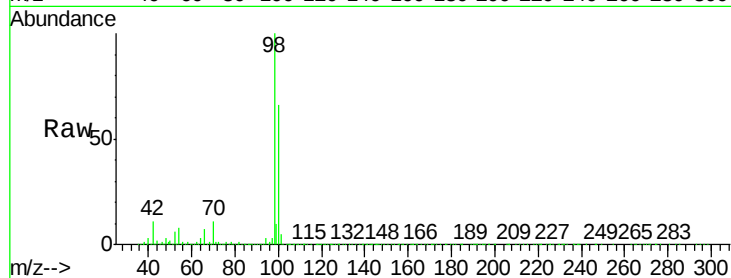
HAM-TB021920

Tot Ion: 98 Resp: 880722

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 54.624 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

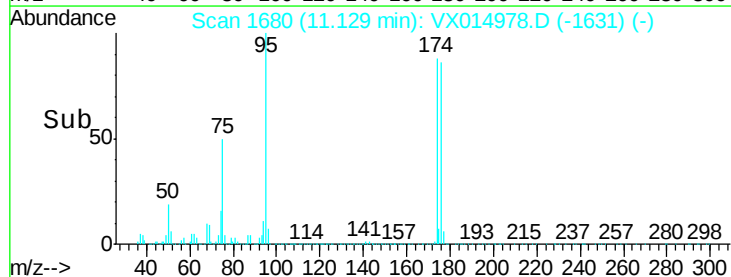
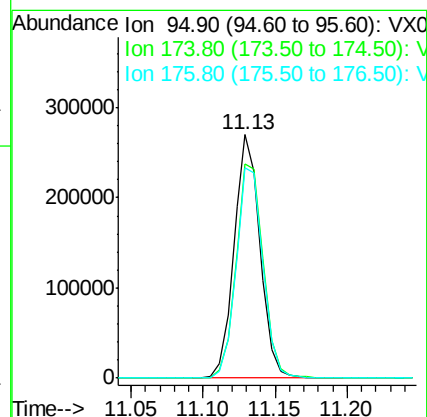
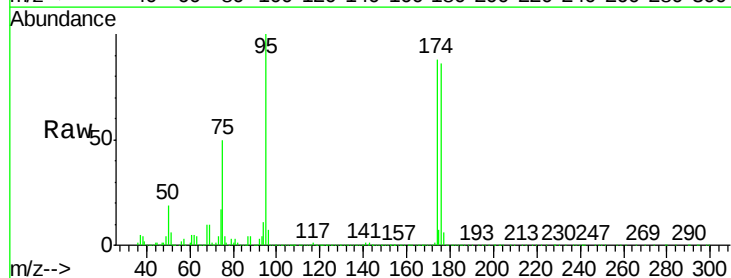
Tgt Ion: 95 Resp: 340744

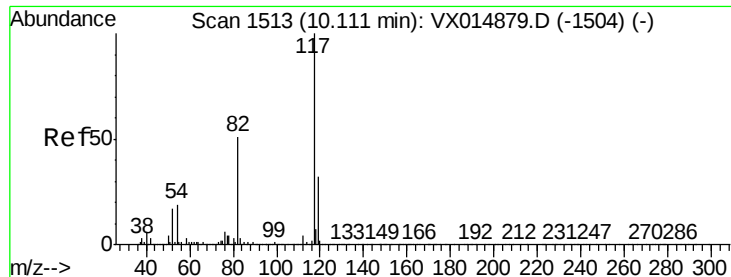
Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.0

176 89.5 0.0 178.0

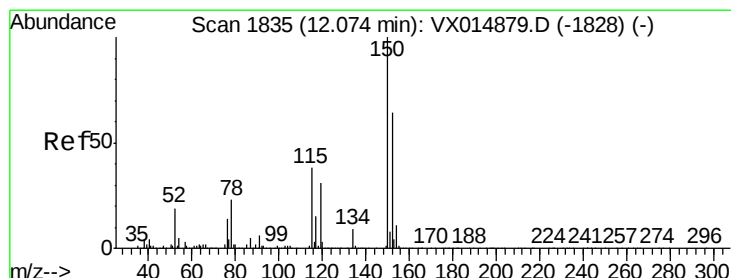
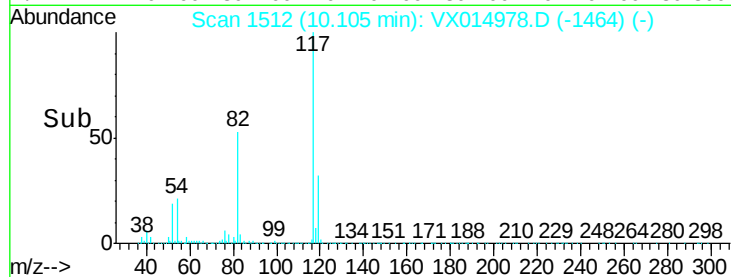
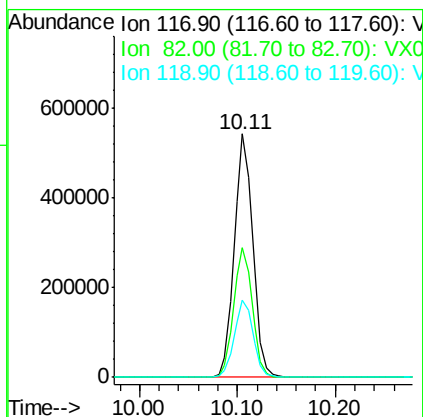
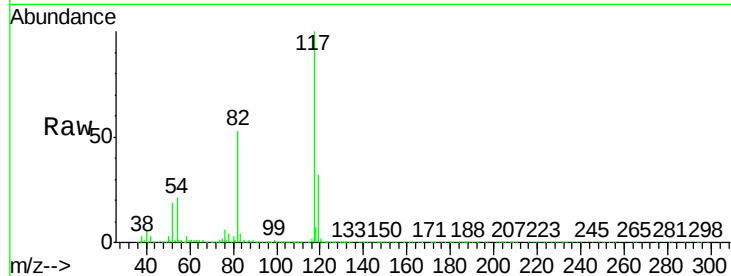




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014978.D
Acq: 20 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampleId :
HAM-TB021920

Tot Ion:117 Resp: 713468
Ion Ratio Lower Upper
117 100
82 53.2 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: VX014978.D
Acq: 20 Feb 2020 15:22

Tgt Ion:152 Resp: 387643
Ion Ratio Lower Upper
152 100
115 54.5 38.6 116.0
150 156.4 0.0 349.0

