

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021820\
 Data File : VX014951.D
 Acq On : 18 Feb 2020 12:00
 Operator : JC/SP
 Sample : L1564-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200217

Quant Time: Feb 19 00:44:55 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	434412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	676196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	647899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321542	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	245864	50.15	ug/l	0.00
Spiked Amount						
			Recovery	=	100.30%	
35) Dibromofluoromethane	5.49	113	205321	49.39	ug/l	0.00
Spiked Amount						
			Recovery	=	98.78%	
50) Toluene-d8	8.71	98	810225	51.06	ug/l	0.00
Spiked Amount						
			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.14	95	295280	51.66	ug/l	0.00
Spiked Amount						
			Recovery	=	103.32%	

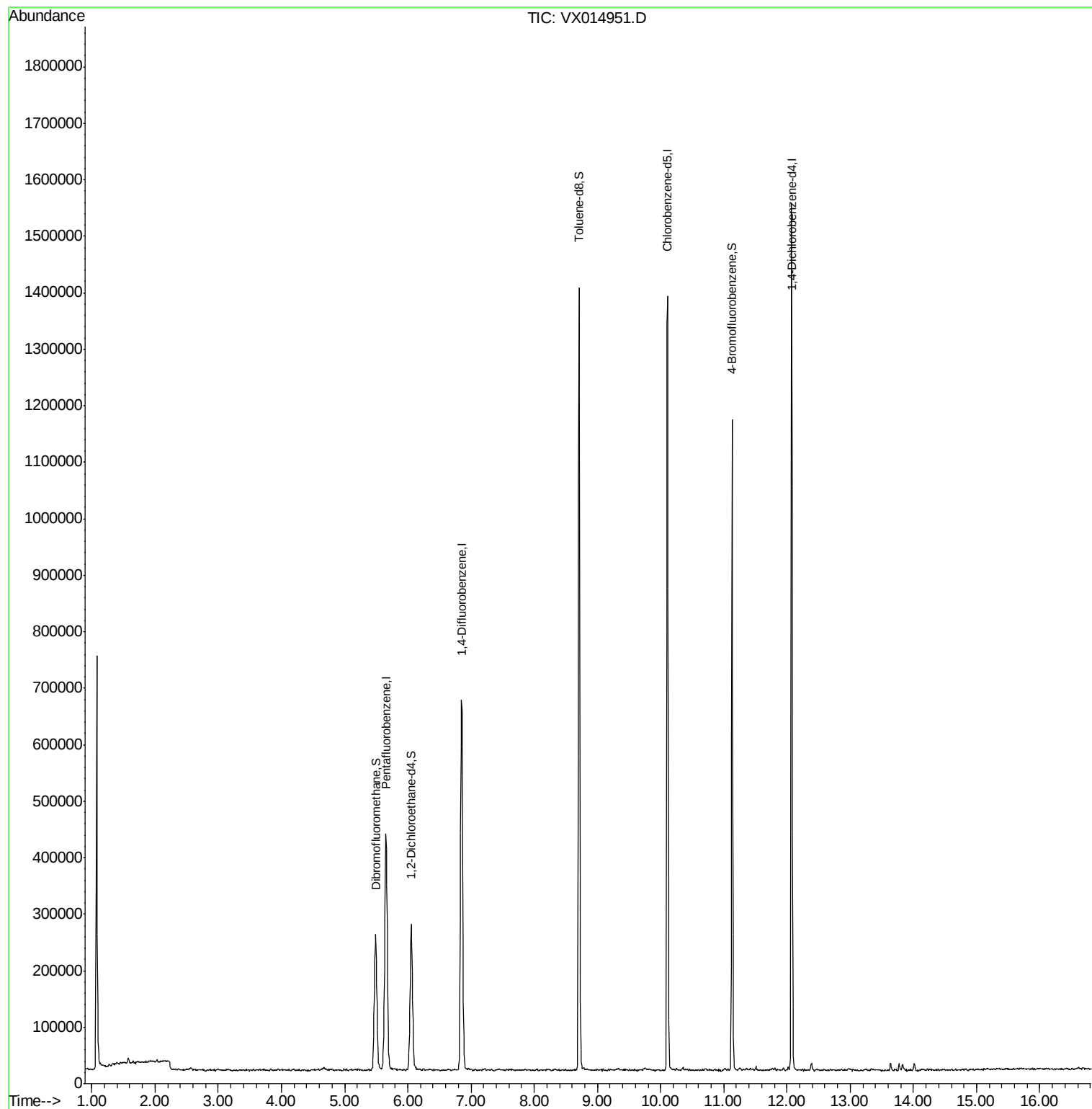
Target Compounds	Qvalue

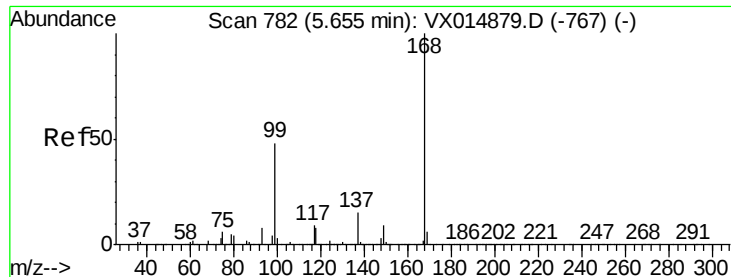
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

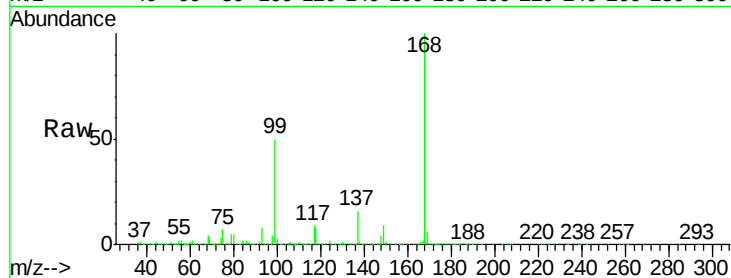
TB-01-200217

Tot Ion:168 Resp: 434412

Ion Ratio Lower Upper

168 100

99 50.2 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

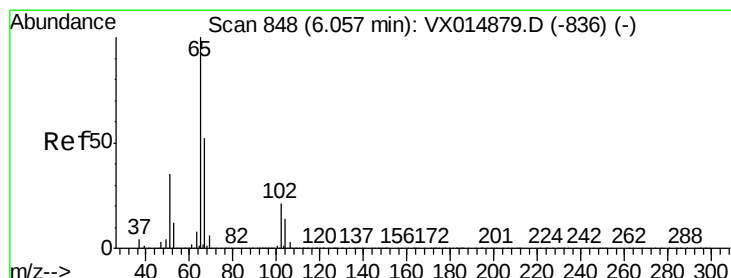
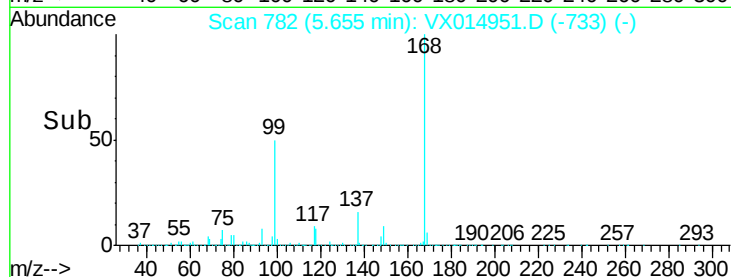
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.149 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014951.D

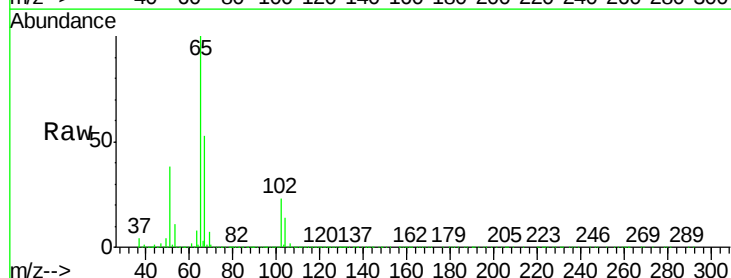
Acq: 18 Feb 2020 12:00

Tgt Ion: 65 Resp: 245864

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

60000

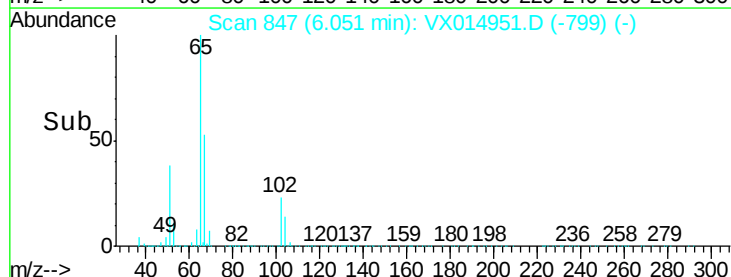
40000

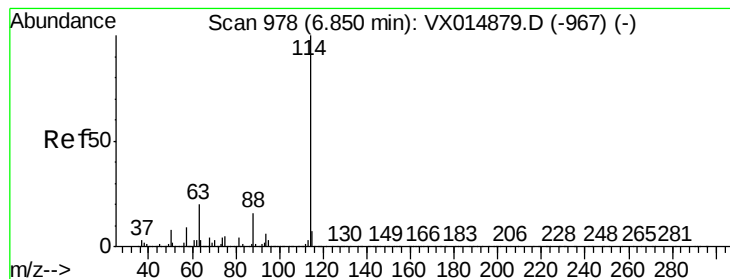
20000

0

Time-->

6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200217

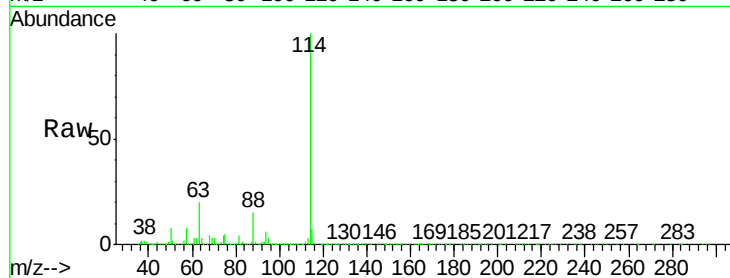
Tot Ion:114 Resp: 676196

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

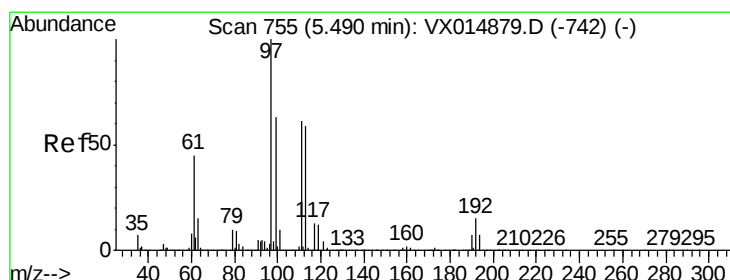
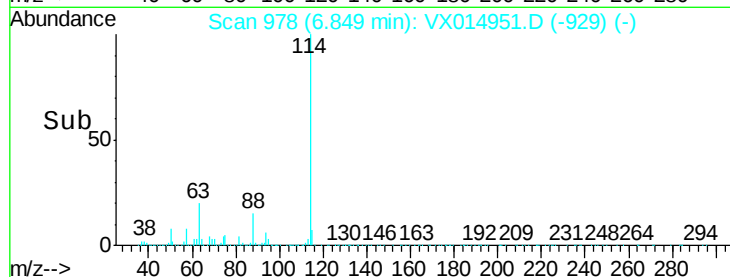
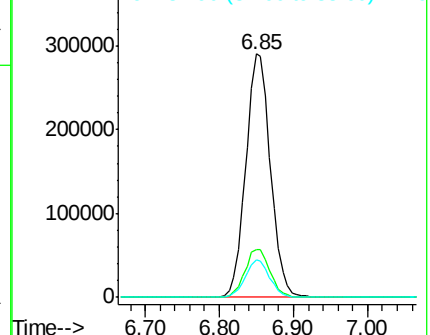
88 15.4 0.0 32.0



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: 49.391 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

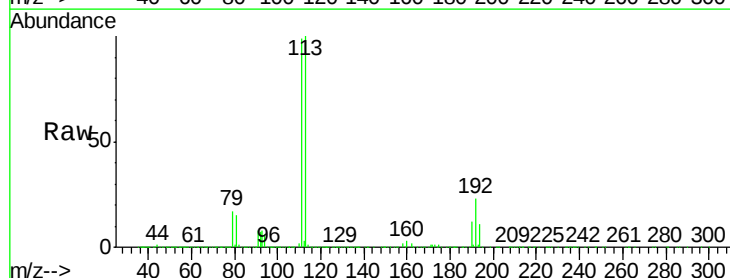
Tgt Ion:113 Resp: 205321

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

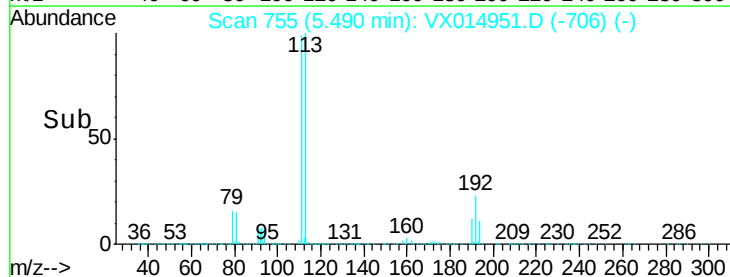
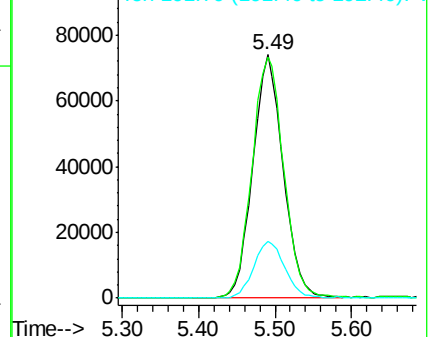
192 24.0 19.1 28.7

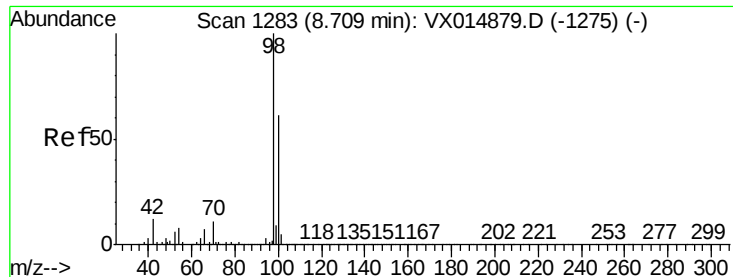


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.060 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

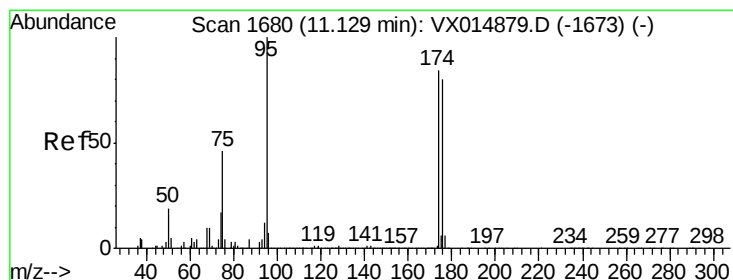
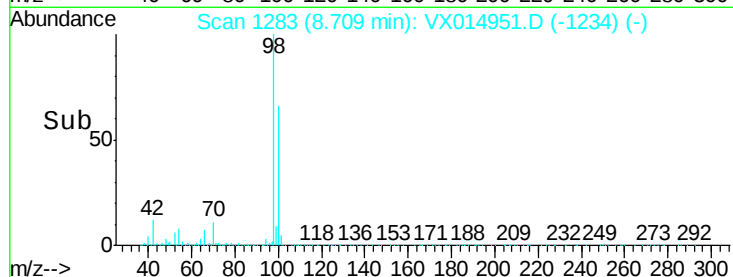
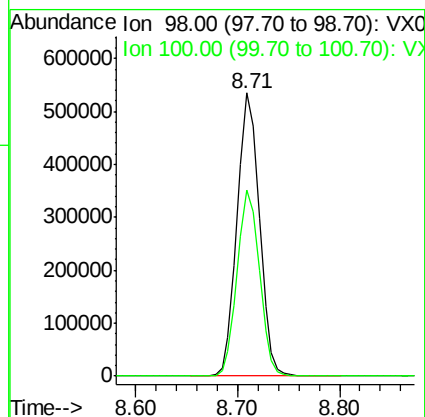
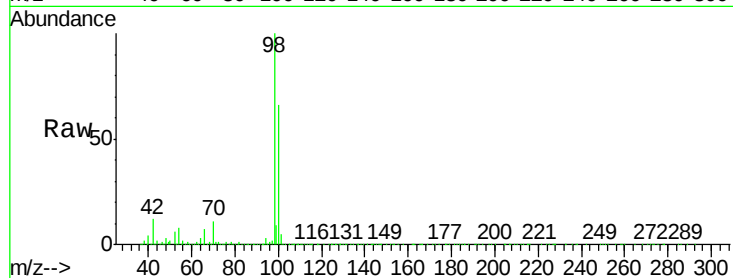
TB-01-200217

Tot Ion: 98 Resp: 810225

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.657 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014951.D

Acq: 18 Feb 2020 12:00

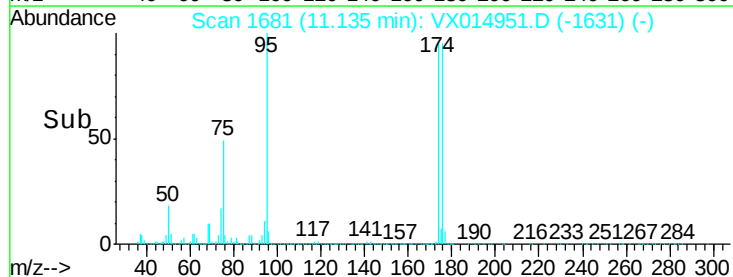
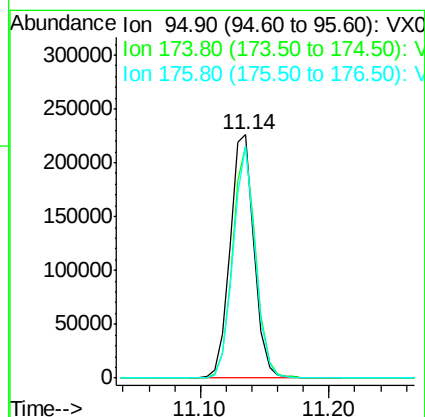
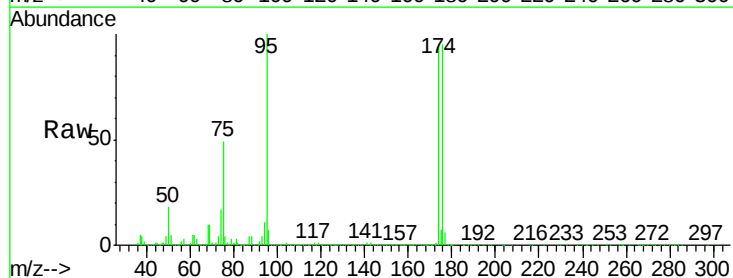
Tgt Ion: 95 Resp: 295280

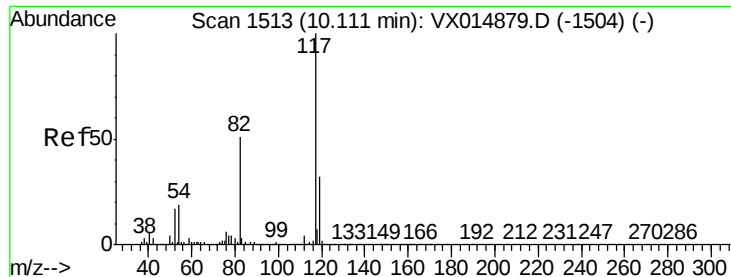
Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.0

176 88.4 0.0 178.0

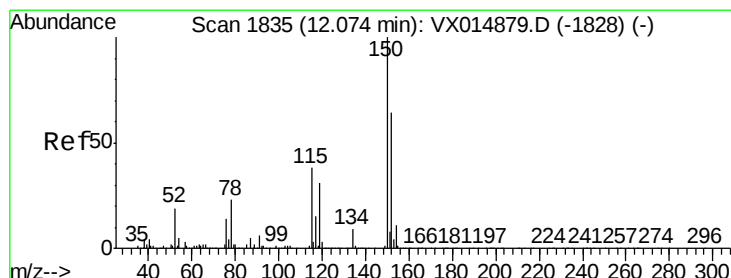
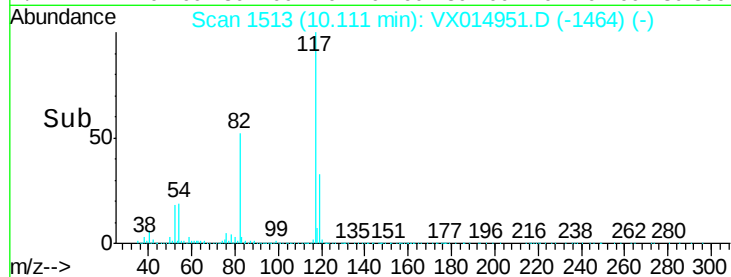
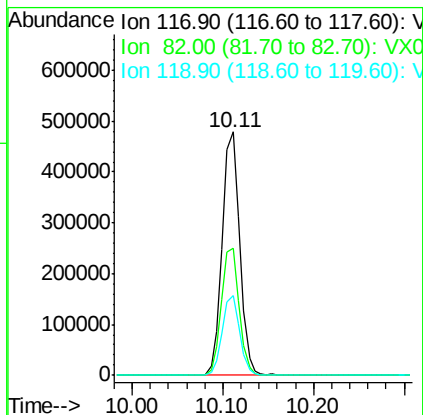
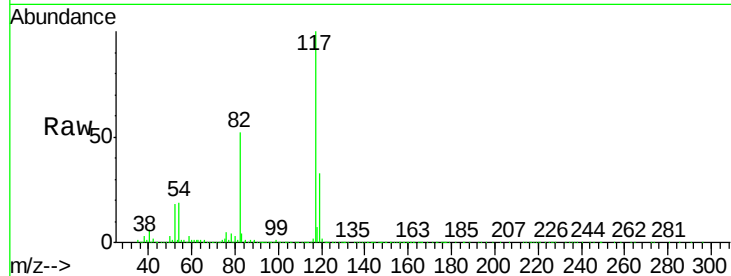




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014951.D
Acq: 18 Feb 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200217

Tot Ion:117 Resp: 647899
Ion Ratio Lower Upper
117 100
82 52.4 40.5 60.7
119 32.7 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: VX014951.D
Acq: 18 Feb 2020 12:00

Tgt Ion:152 Resp: 321542
Ion Ratio Lower Upper
152 100
115 55.5 38.6 116.0
150 156.7 0.0 349.0

