

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
 Data File : VX014600.D
 Acq On : 14 Jan 2020 12:09
 Operator : JC/SP
 Sample : L1116-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200113

Quant Time: Jan 15 00:49:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	484587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	753462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	692625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316768	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	277915	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	5.49	113	227271	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	8.71	98	901381	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	306761	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

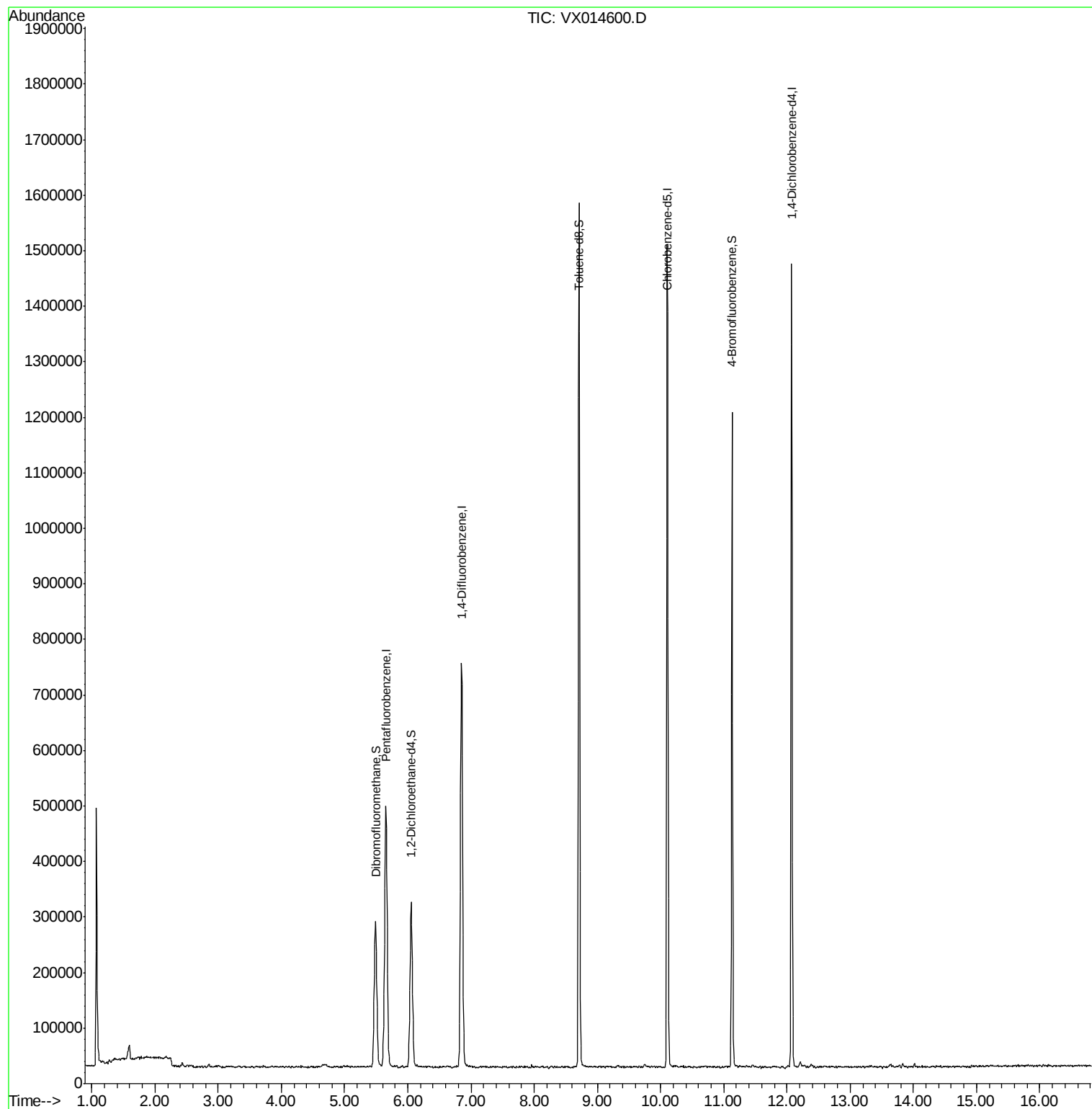
Target Compounds	Qvalue

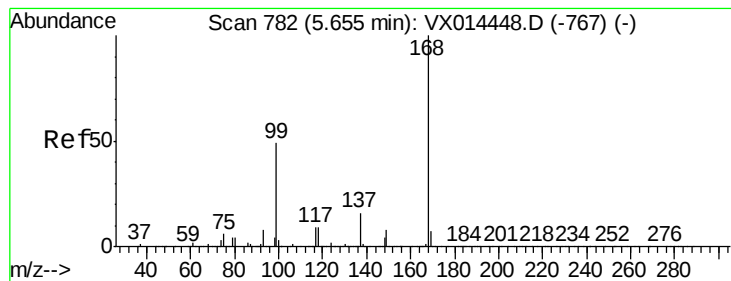
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 07 15:54:41 2020
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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: VX014600.D

Acq: 14 Jan 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

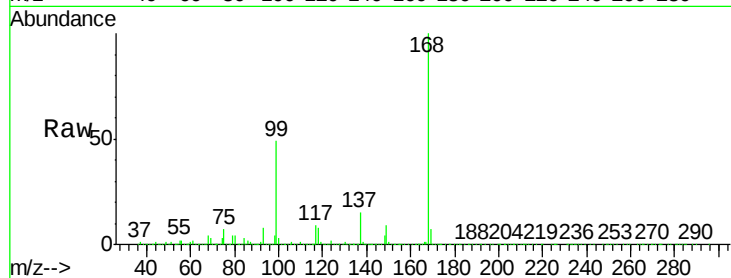
TB-01-200113

Tot Ion:168 Resp: 484587

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

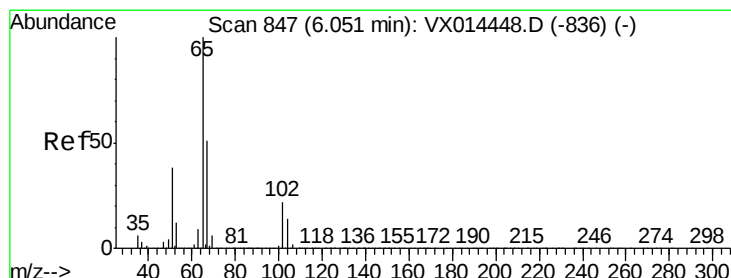
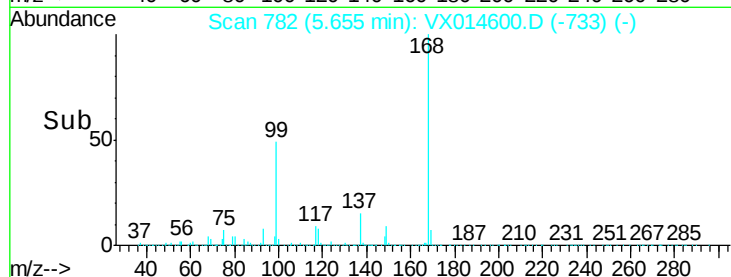
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.374 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014600.D

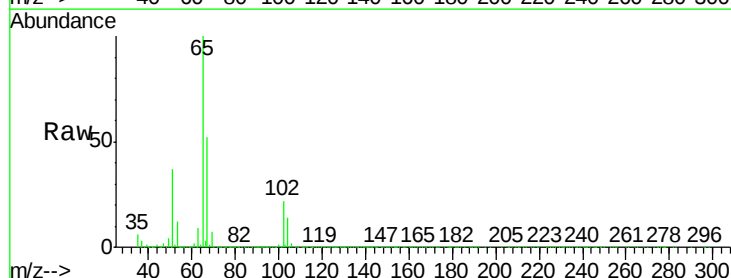
Acq: 14 Jan 2020 12:09

Tgt Ion: 65 Resp: 277915

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

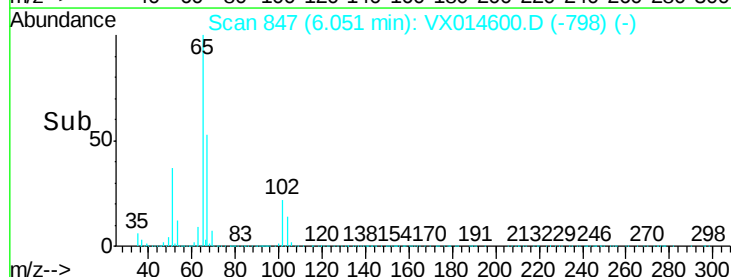
60000

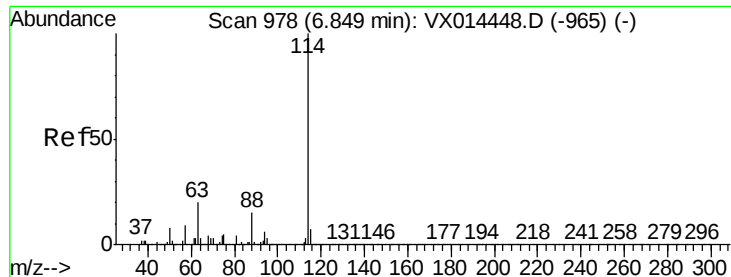
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014600.D

Acq: 14 Jan 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200113

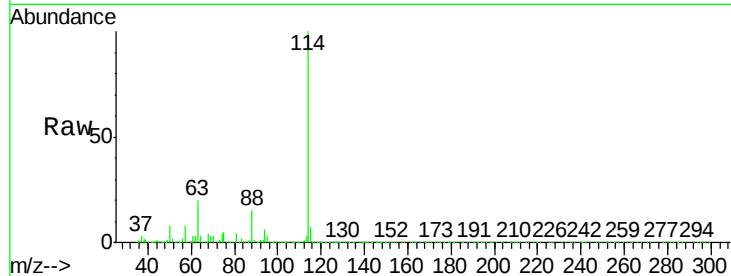
Tot Ion:114 Resp: 753462

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

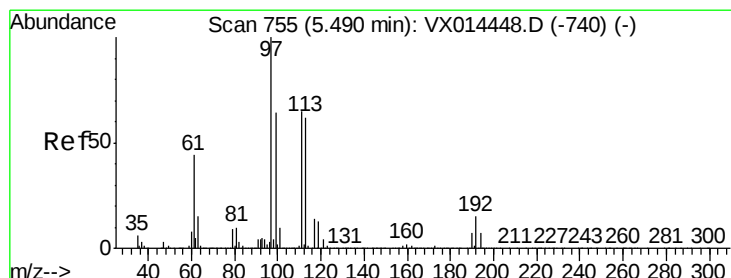
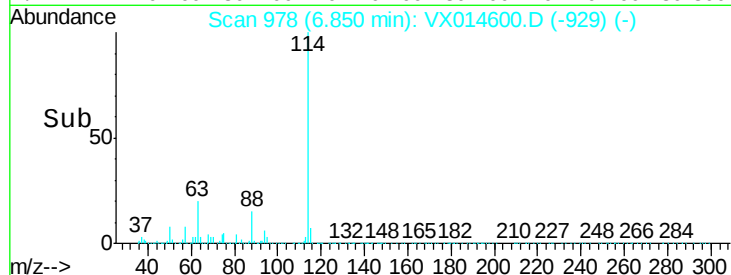
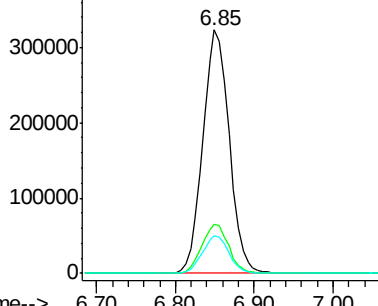
88 15.2 0.0 30.8



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: 49.829 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014600.D

Acq: 14 Jan 2020 12:09

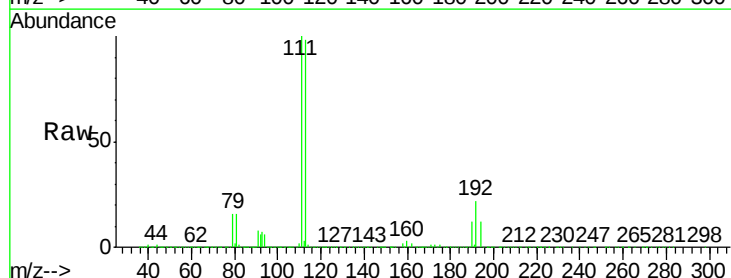
Tgt Ion:113 Resp: 227271

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

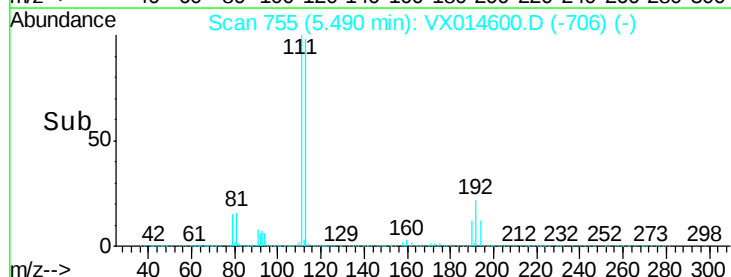
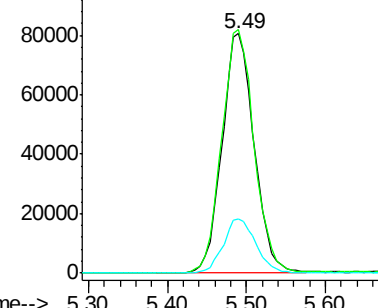
192 23.2 19.2 28.8

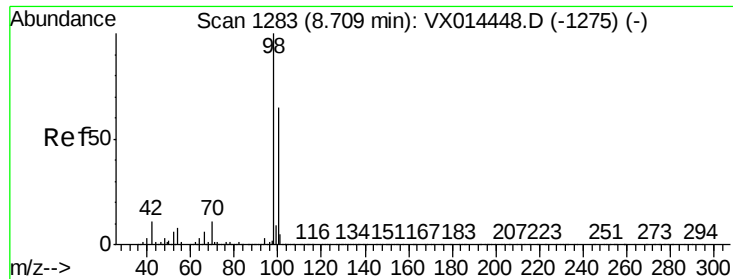


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.926 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014600.D

Acq: 14 Jan 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

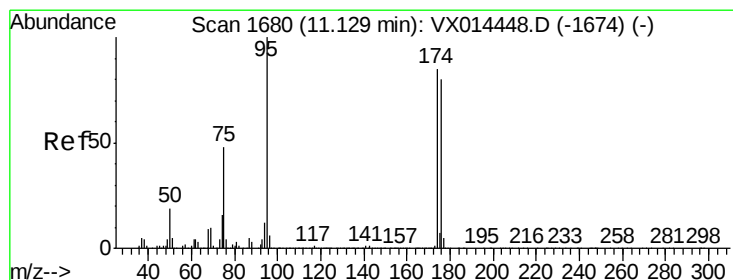
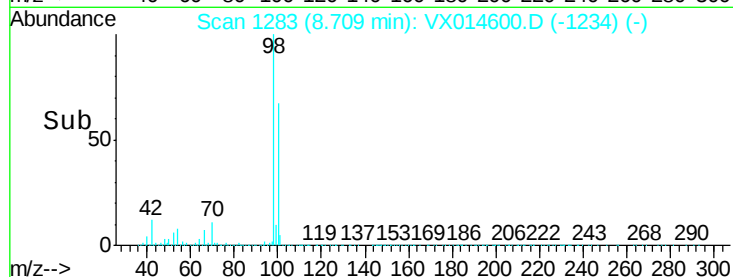
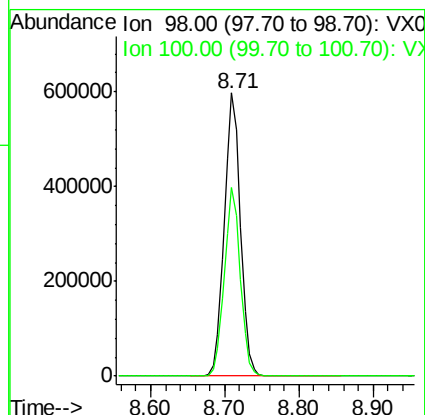
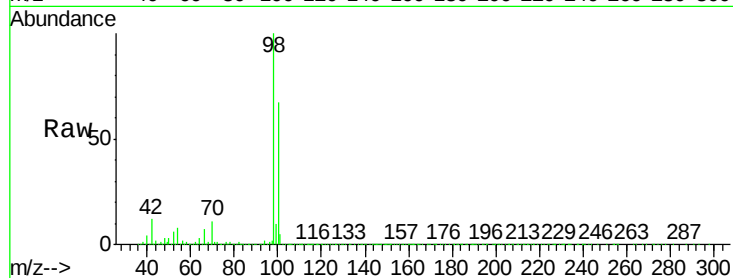
TB-01-200113

Tot Ion: 98 Resp: 901381

Ion Ratio Lower Upper

98 100

100 65.7 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.210 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014600.D

Acq: 14 Jan 2020 12:09

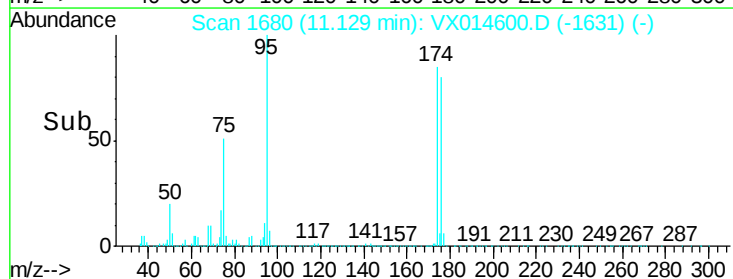
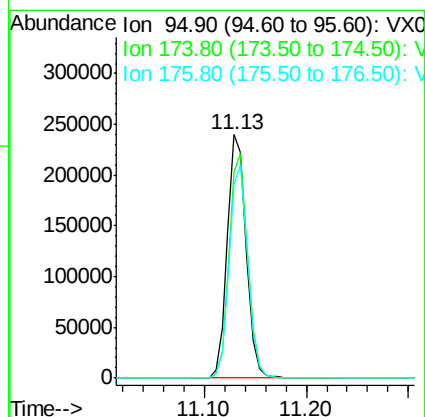
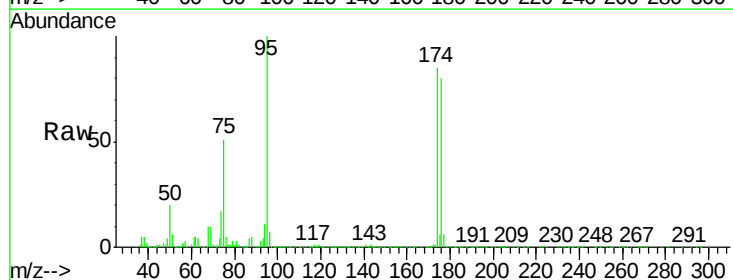
Tgt Ion: 95 Resp: 306761

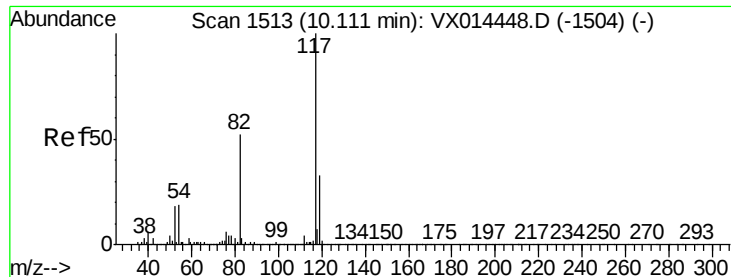
Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.8

176 85.9 0.0 172.8

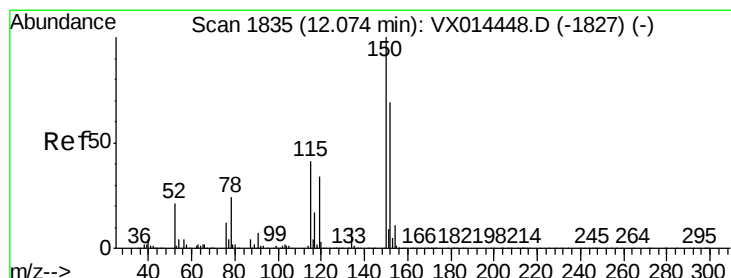
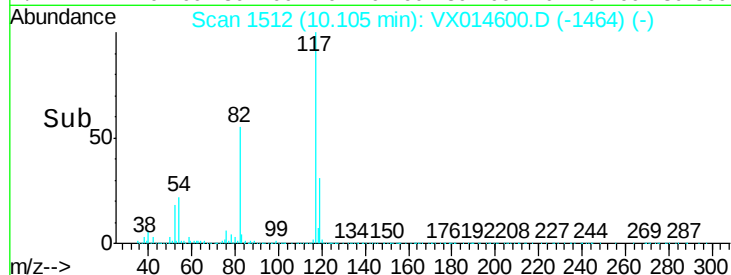
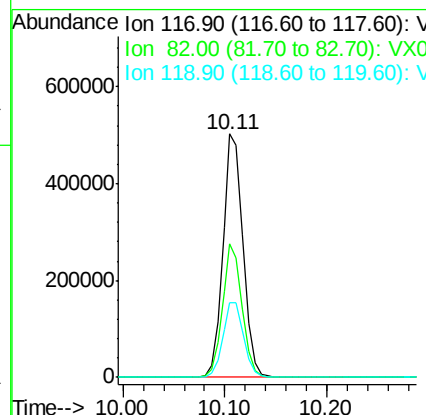
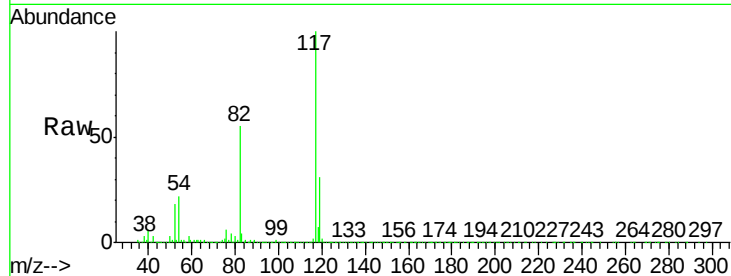




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014600.D
Acq: 14 Jan 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200113

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.6
119	30.9	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014600.D
Acq: 14 Jan 2020 12:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.5	118.3
150	155.6	0.0	350.2

