

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014539.D
 Acq On : 10 Jan 2020 15:58
 Operator : JC/SP
 Sample : L1092-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jan 13 03:49:46 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	479960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	738591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	664077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	295848	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	265456	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	5.49	113	219921	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.71	98	871119	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	293619	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

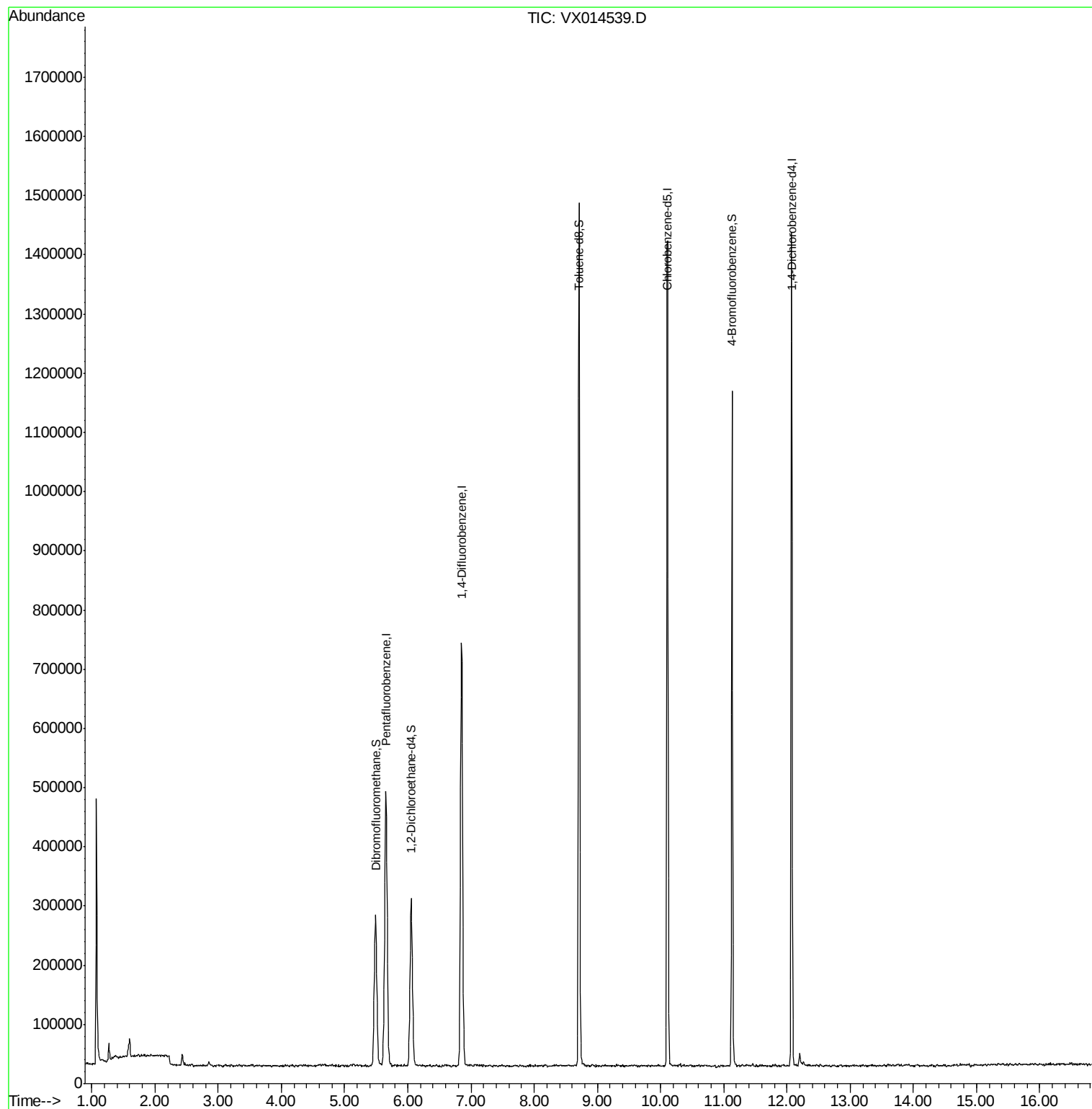
Target Compounds	Qvalue

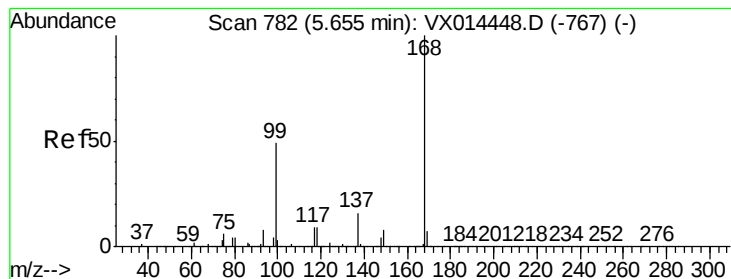
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014539.D

Acq: 10 Jan 2020 15:58

Instrument :

MSVOA_X

ClientSampleId :

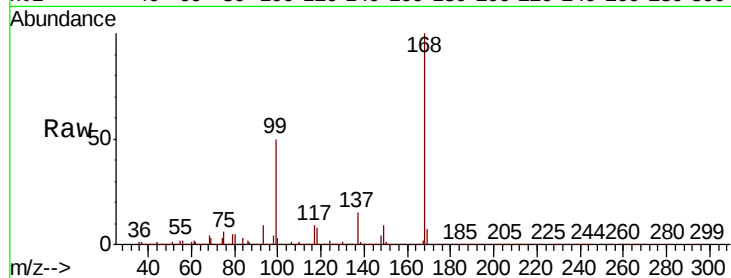
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 479960

Ion Ratio Lower Upper

168 100

99 49.5 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

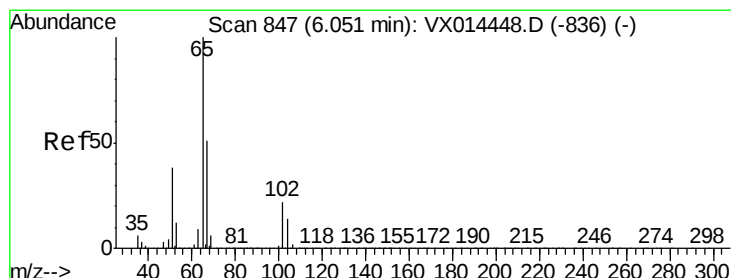
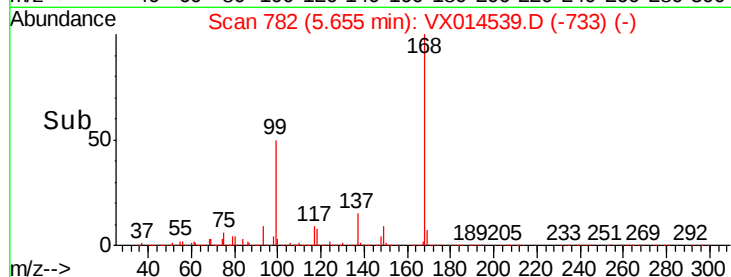
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.544 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014539.D

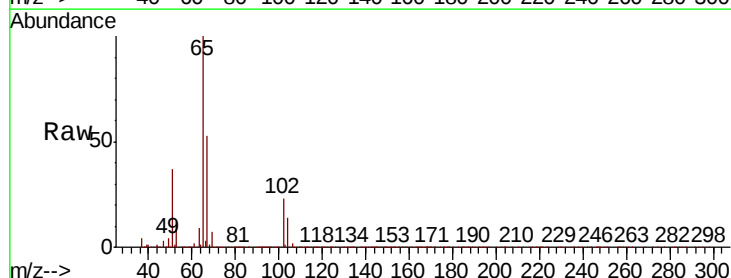
Acq: 10 Jan 2020 15:58

Tgt Ion: 65 Resp: 265456

Ion Ratio Lower Upper

65 100

67 53.2 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

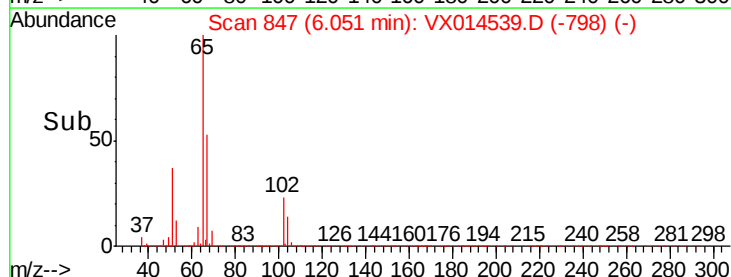
40000

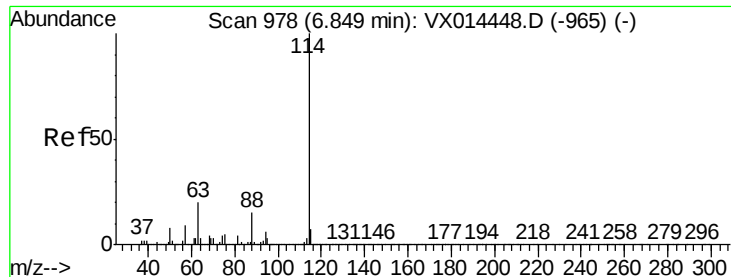
20000

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: VX014539.D

Acq: 10 Jan 2020 15:58

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

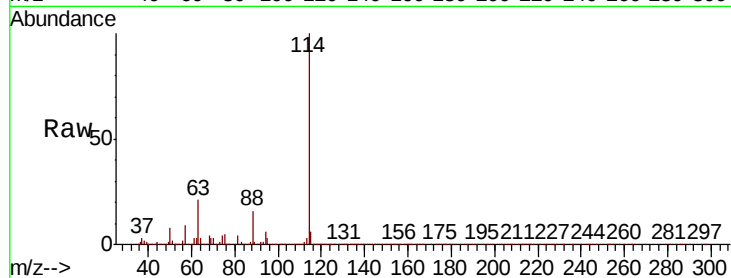
Tot Ion:114 Resp: 738591

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

88 15.5 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

400000

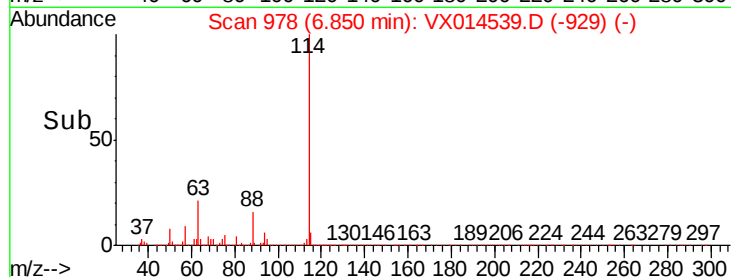
300000

200000

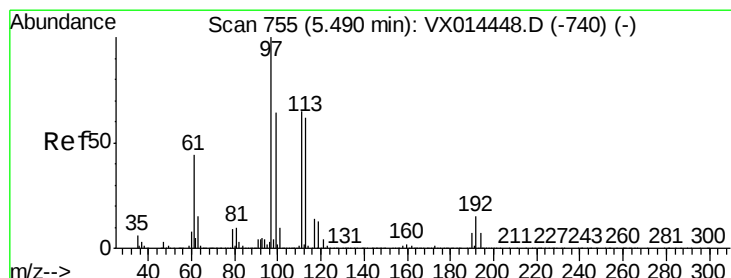
100000

0

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 49.188 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014539.D

Acq: 10 Jan 2020 15:58

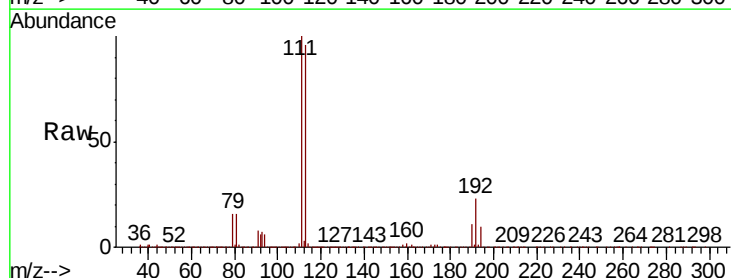
Tgt Ion:113 Resp: 219921

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

192 23.8 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

100000

80000

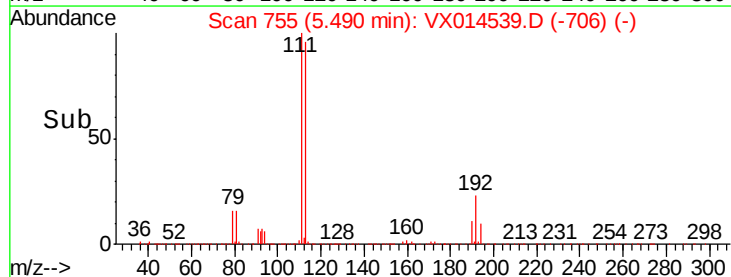
60000

40000

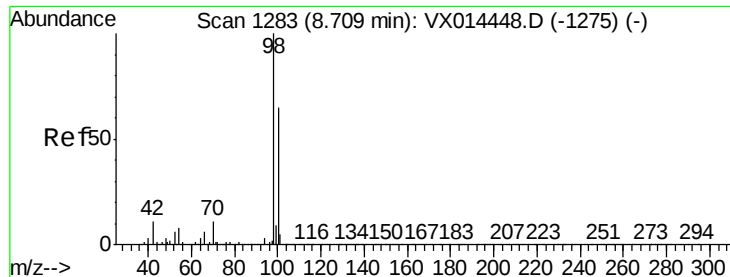
20000

0

5.30 5.40 5.50 5.60



Time-->



#50

Toluene-d8

Concen: 50.207 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014539.D

Acq: 10 Jan 2020 15:58

Instrument :

MSVOA_X

ClientSampleId :

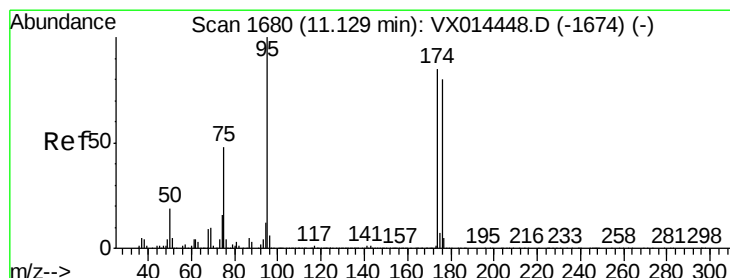
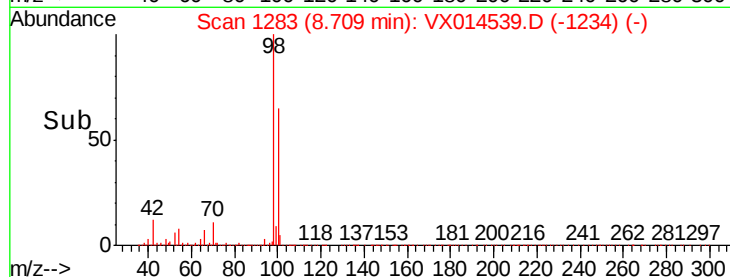
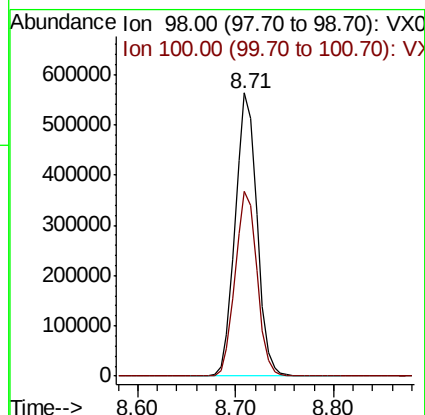
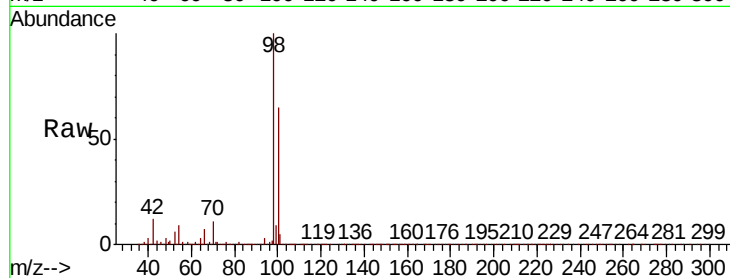
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 871119

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 46.097 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014539.D

Acq: 10 Jan 2020 15:58

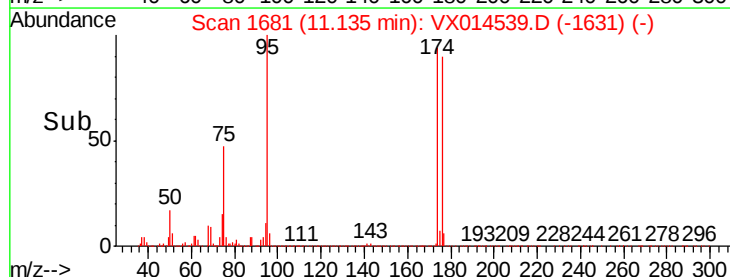
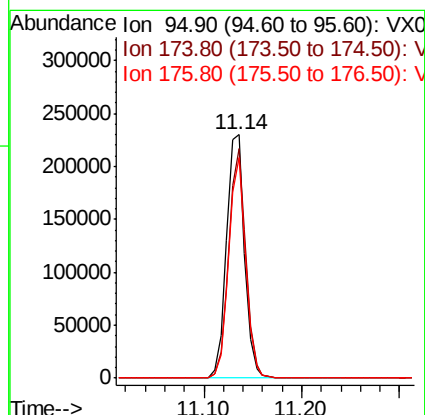
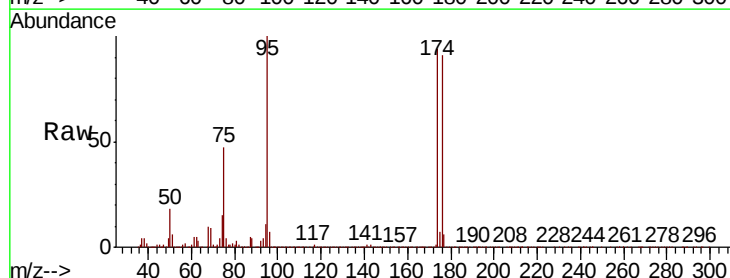
Tgt Ion: 95 Resp: 293619

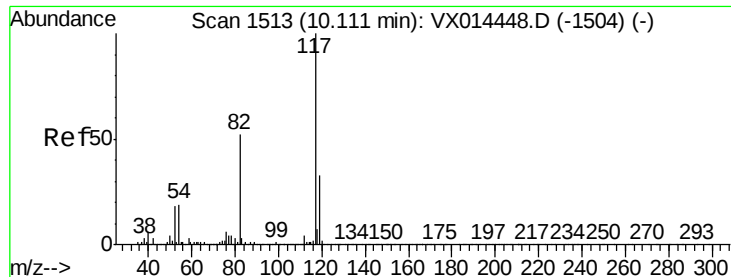
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.8

176 86.2 0.0 172.8

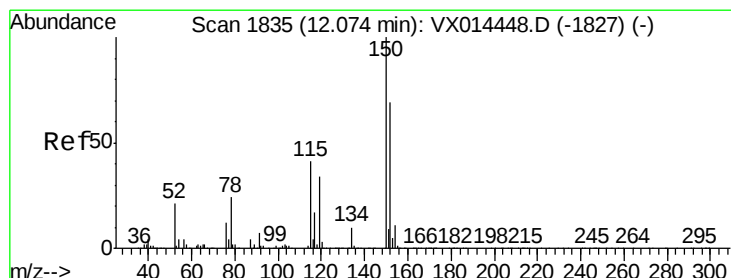
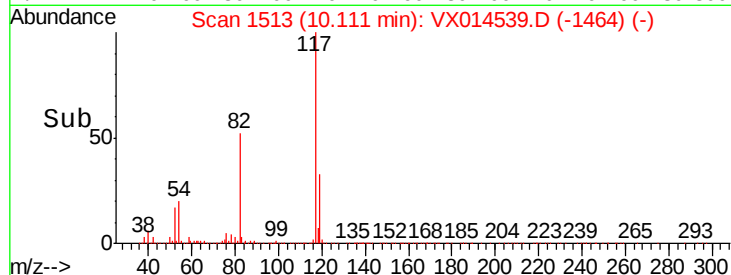
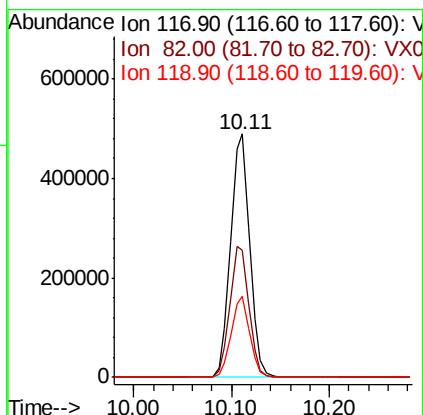
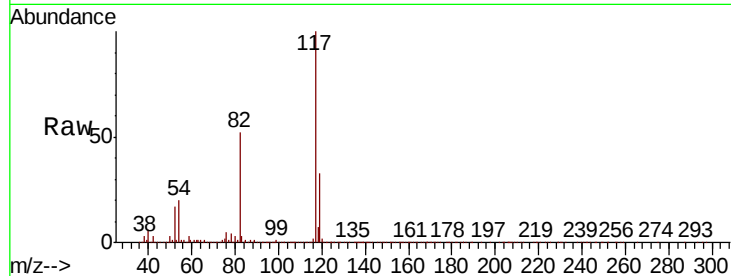




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014539.D
Acq: 10 Jan 2020 15:58

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 664077
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.6
119 33.3 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: VX014539.D
Acq: 10 Jan 2020 15:58

Tgt Ion:152 Resp: 295848
Ion Ratio Lower Upper
152 100
115 54.8 39.5 118.3
150 156.8 0.0 350.2

