

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014917.D
 Acq On : 12 Feb 2020 11:39
 Operator : JC/SP
 Sample : VX0212WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBL01

Quant Time: Feb 13 03:47:27 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	469993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	723291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	659389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306898	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	262713	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.48	113	218843	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	853264	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	296289	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

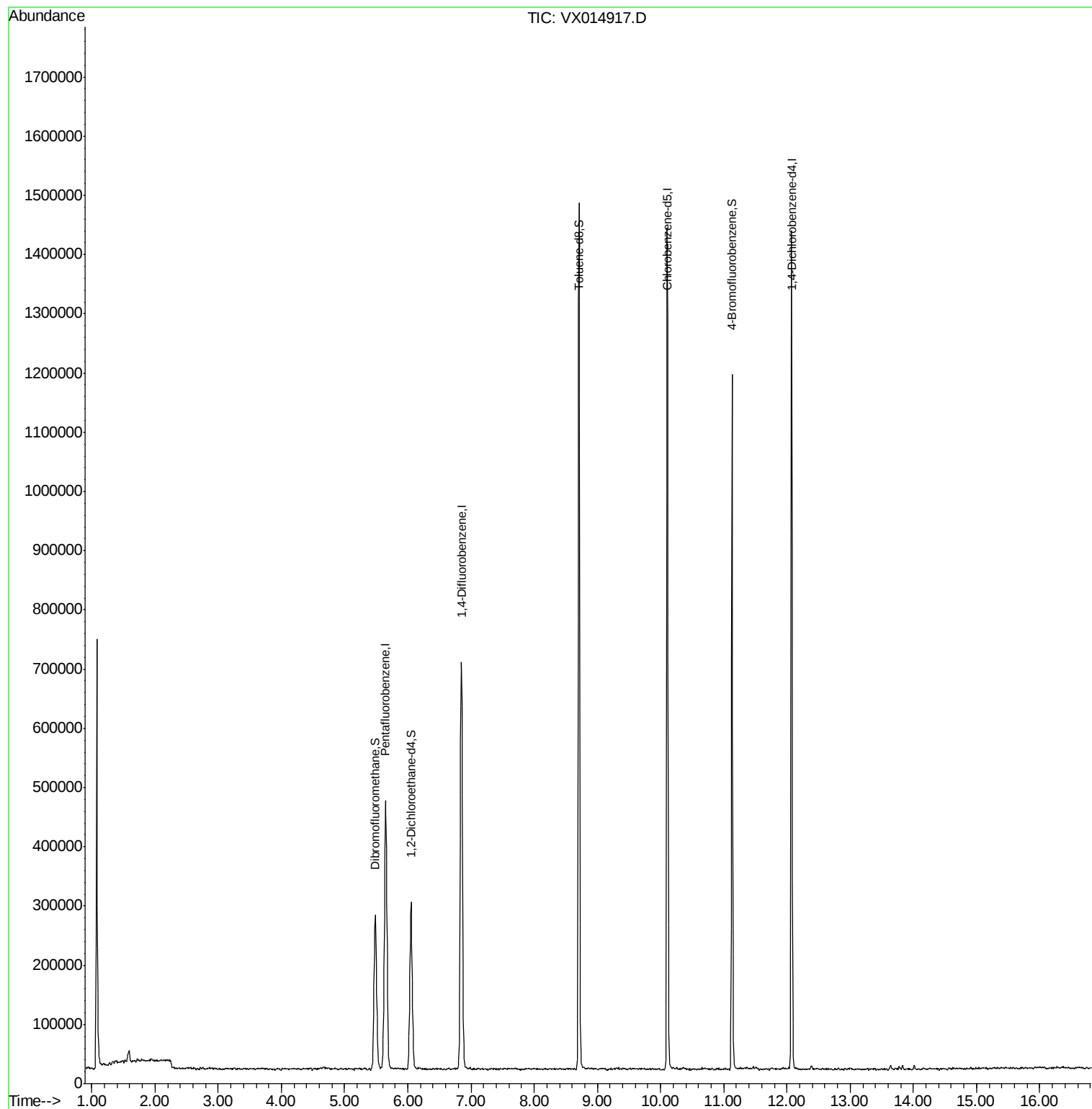
Target Compounds	Qvalue
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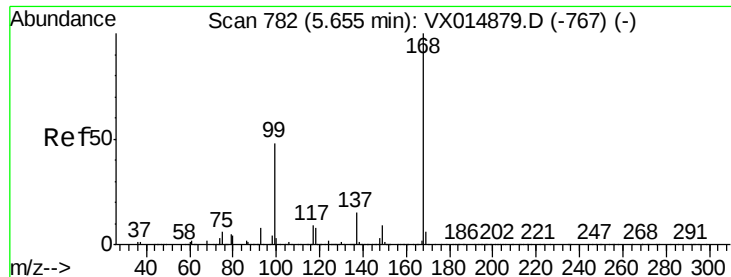
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014917.D

Acq: 12 Feb 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

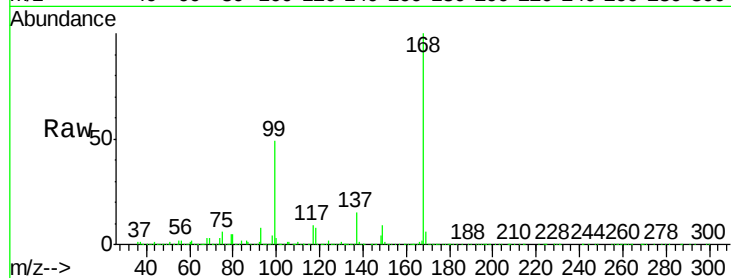
VX0212WBL01

Tot Ion:168 Resp: 469993

Ion Ratio Lower Upper

168 100

99 48.6 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

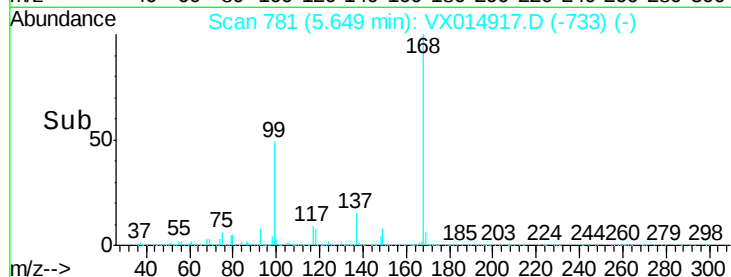
100000

50000

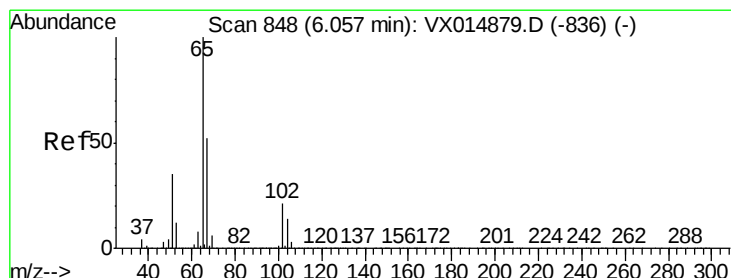
0

5.65

5.60 5.70 5.80



Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.529 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014917.D

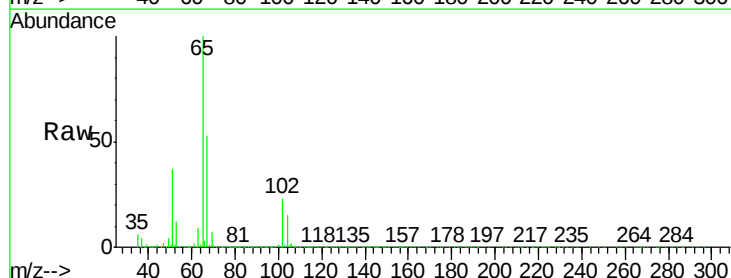
Acq: 12 Feb 2020 11:39

Tgt Ion: 65 Resp: 262713

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

100000

80000

60000

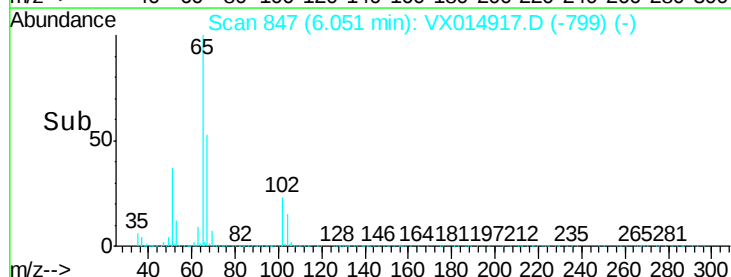
40000

20000

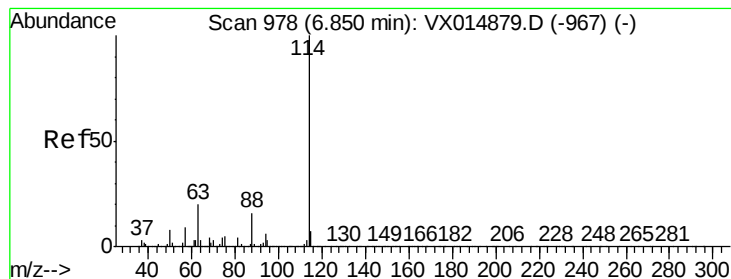
0

6.05

5.90 6.00 6.10 6.20



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBL01

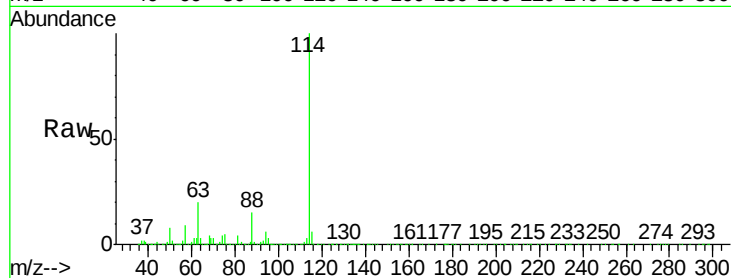
Tot Ion:114 Resp: 723291

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

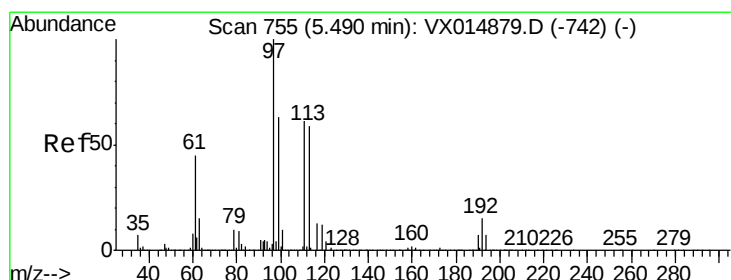
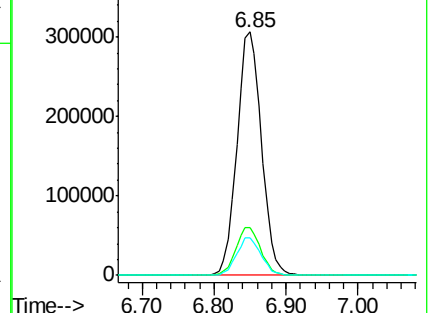
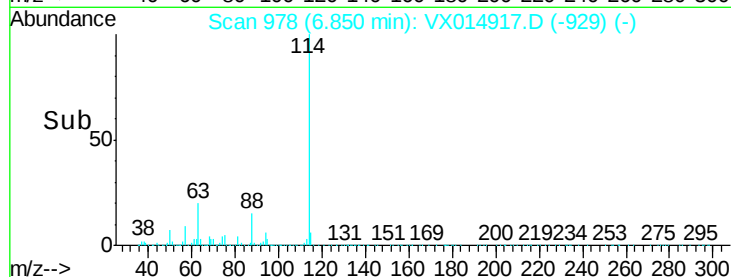
88 15.4 0.0 32.0



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: 49.216 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

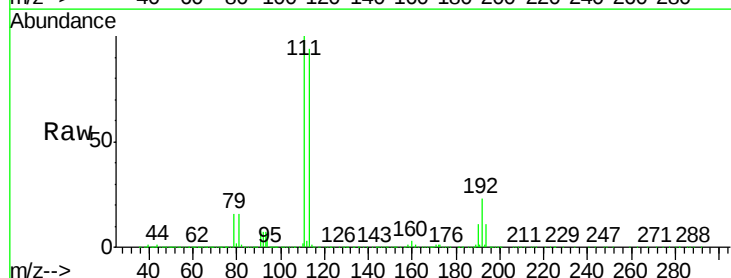
Tgt Ion:113 Resp: 218843

Ion Ratio Lower Upper

113 100

111 105.3 82.4 123.6

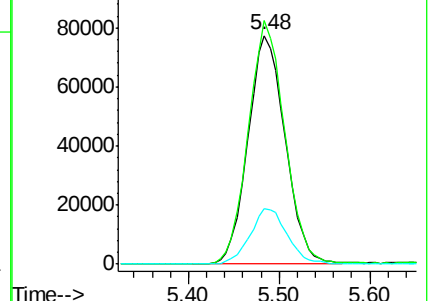
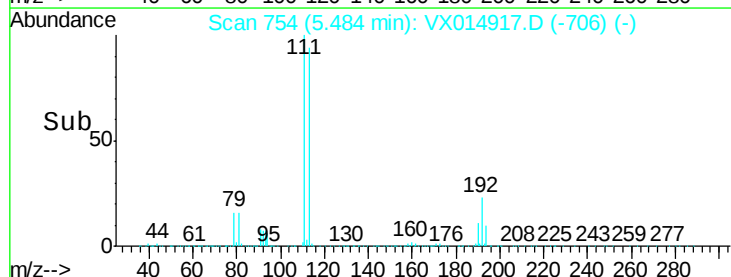
192 24.5 19.1 28.7

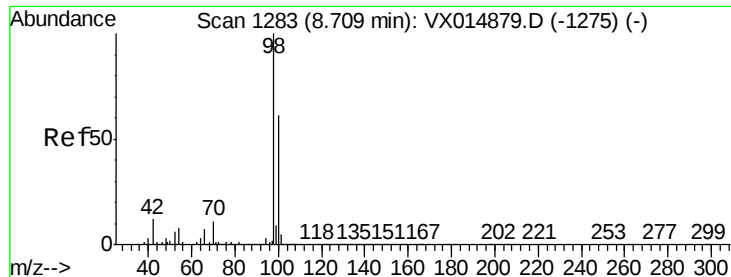


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.271 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

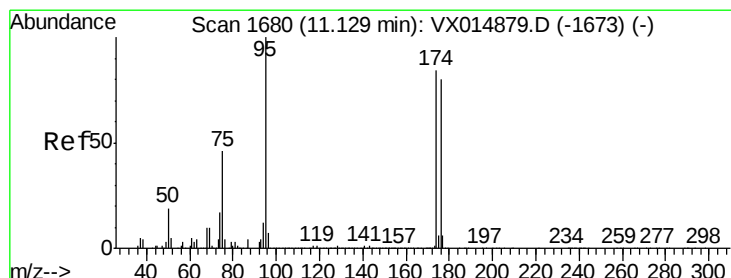
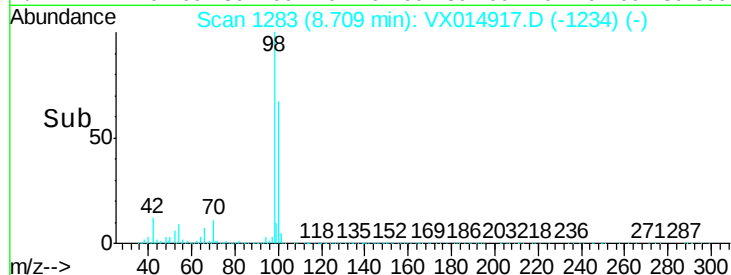
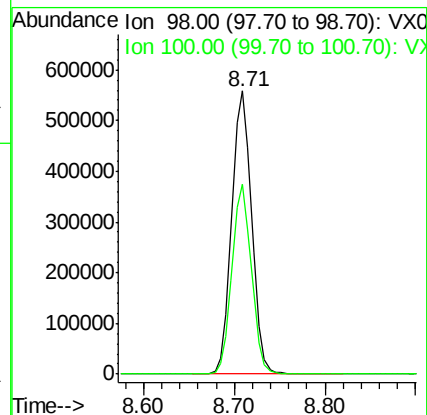
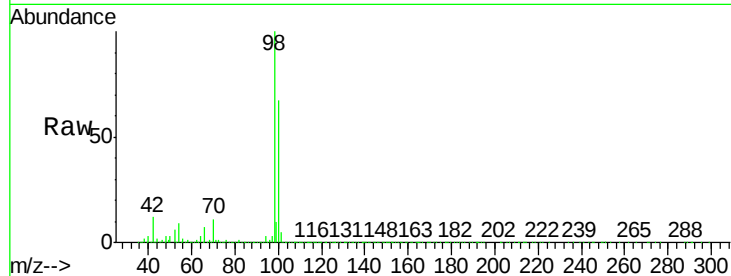
VX0212WBL01

Tot Ion: 98 Resp: 853264

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.459 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014917.D

Acq: 12 Feb 2020 11:39

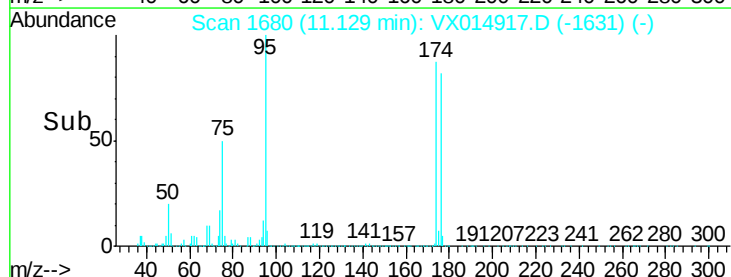
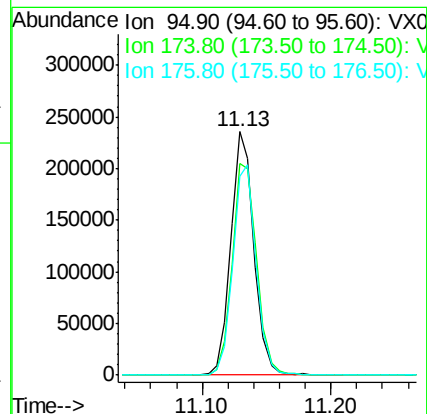
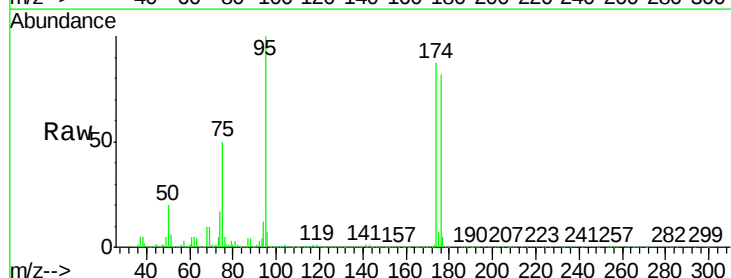
Tgt Ion: 95 Resp: 296289

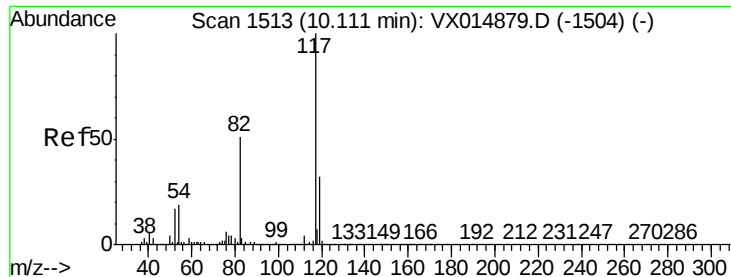
Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.0

176 87.7 0.0 178.0

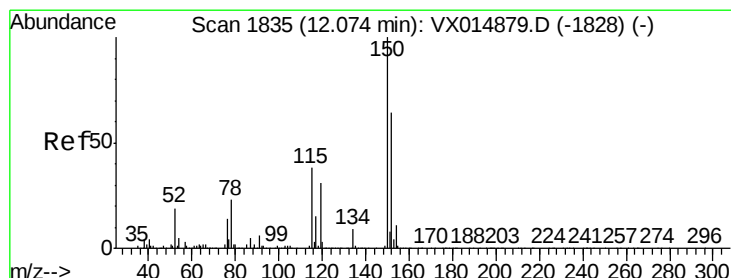
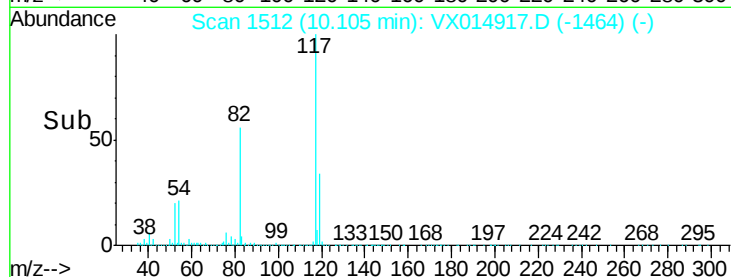
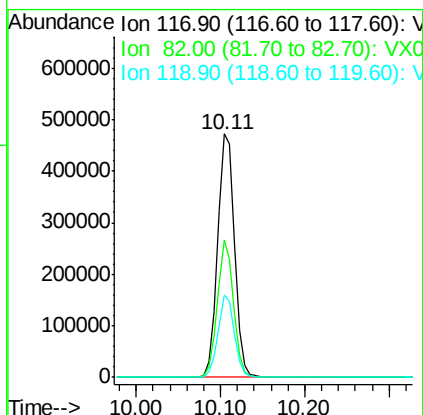
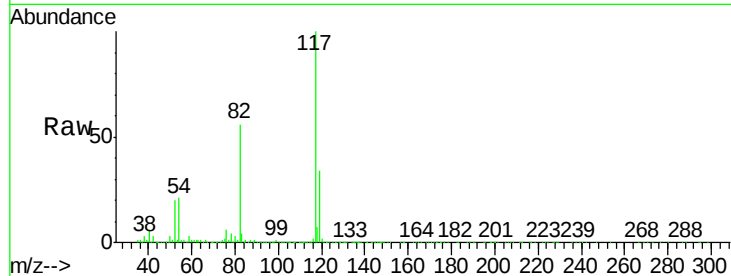




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014917.D
Acq: 12 Feb 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Tot Ion:117 Resp: 659389
Ion Ratio Lower Upper
117 100
82 56.2 40.5 60.7
119 33.6 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: VX014917.D
Acq: 12 Feb 2020 11:39

Tgt Ion:152 Resp: 306898
Ion Ratio Lower Upper
152 100
115 56.0 38.6 116.0
150 155.5 0.0 349.0

