

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
 Data File : VX014911.D
 Acq On : 11 Feb 2020 13:09
 Operator : JC/SP
 Sample : L1470-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WS-1A-(DUPLICATE)

Quant Time: Feb 18 02:20:49 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	454534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	702258	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	664183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	258952	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	5.49	113	216507	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.71	98	838375	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.14	95	308980	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

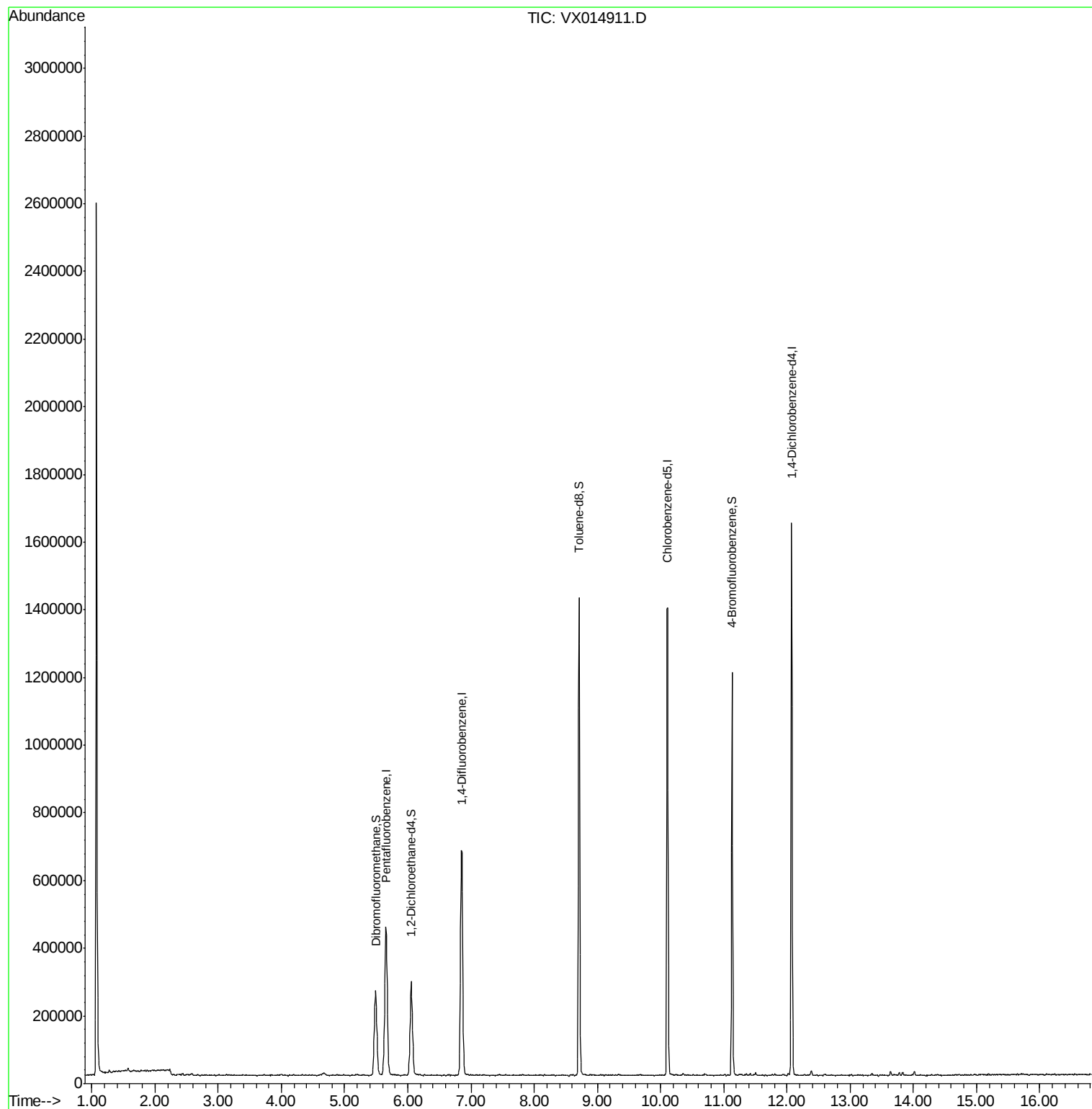
Target Compounds	Qvalue

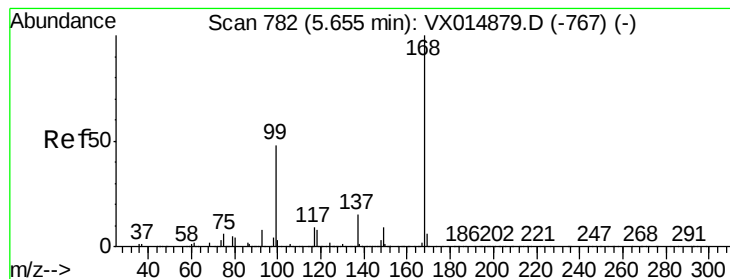
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014911.D

Acq: 11 Feb 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

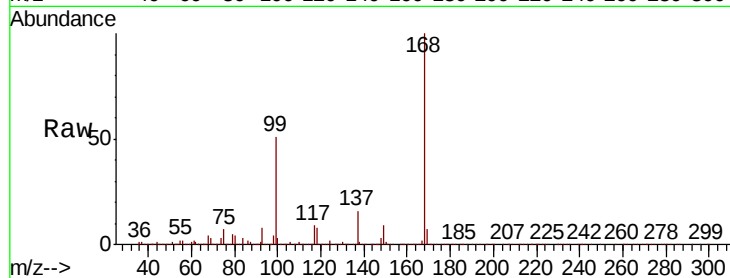
WS-1A-(DUPLICATE)

Tot Ion:168 Resp: 454534

Ion Ratio Lower Upper

168 100

99 50.8 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

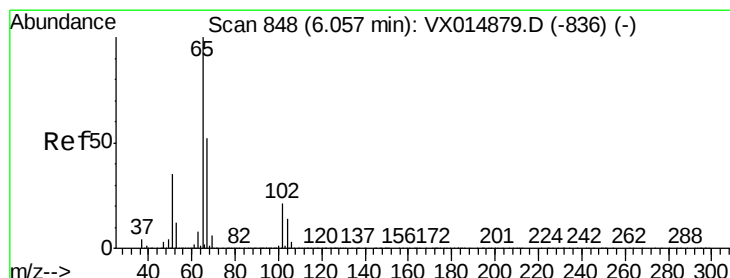
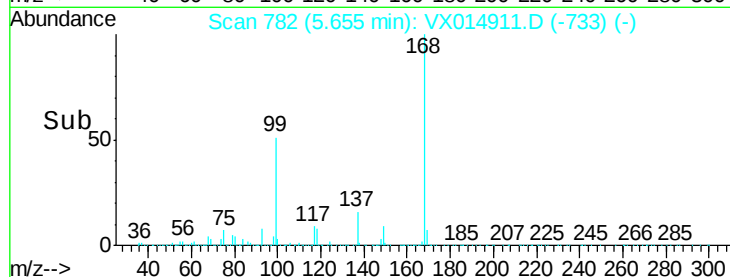
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.480 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014911.D

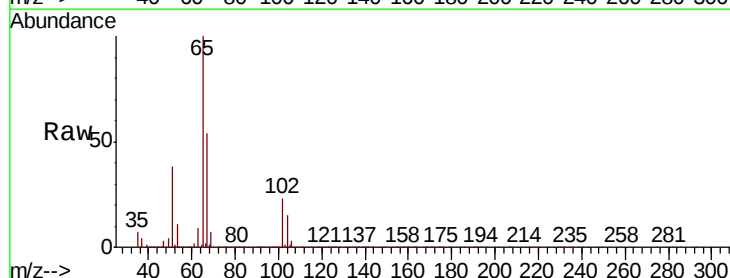
Acq: 11 Feb 2020 13:09

Tgt Ion: 65 Resp: 258952

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

60000

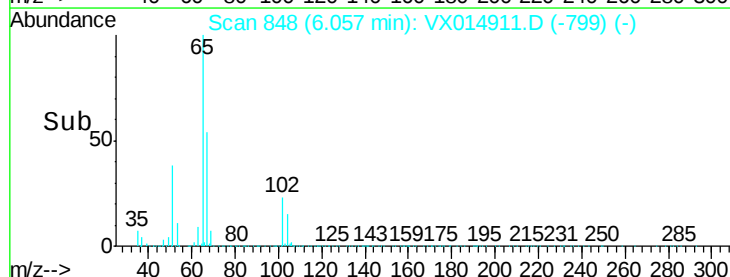
40000

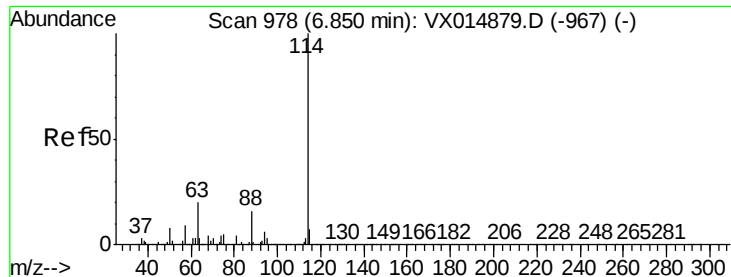
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014911.D

Acq: 11 Feb 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

WS-1A-(DUPLICATE)

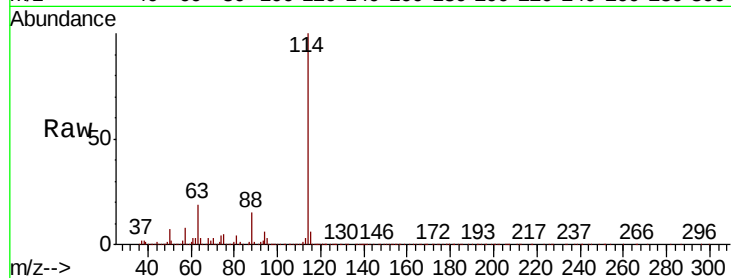
Tot Ion:114 Resp: 702258

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

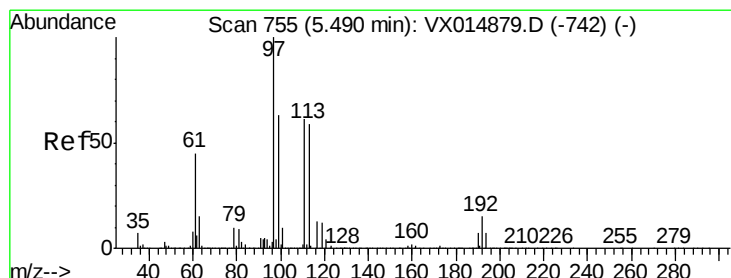
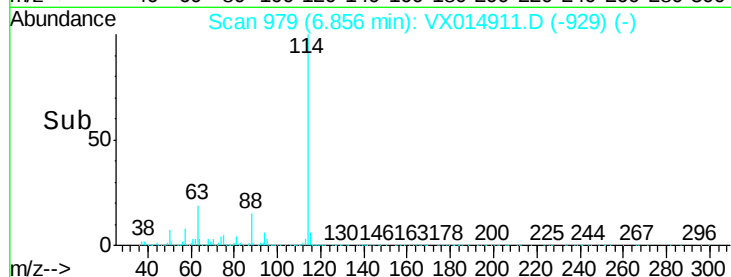
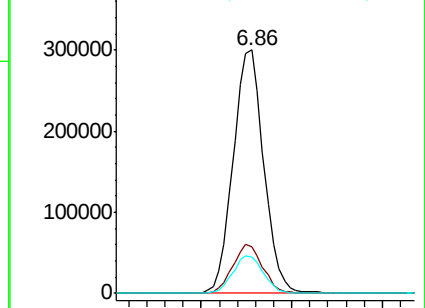
88 15.0 0.0 32.0



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: 50.149 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014911.D

Acq: 11 Feb 2020 13:09

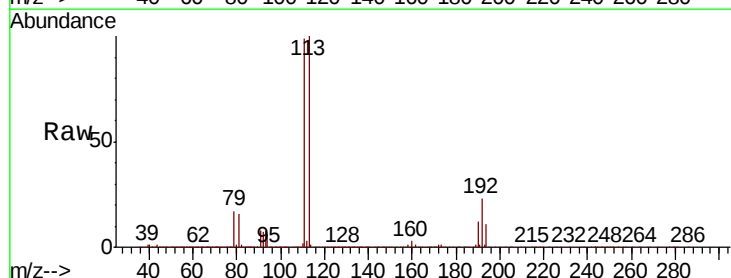
Tgt Ion:113 Resp: 216507

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

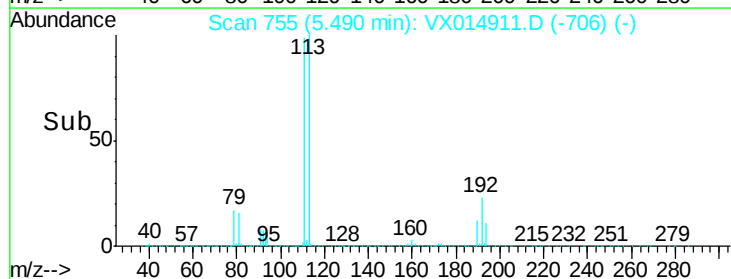
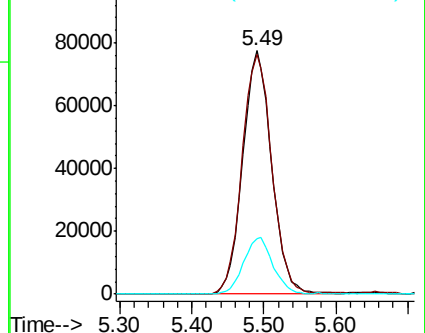
192 23.7 19.1 28.7

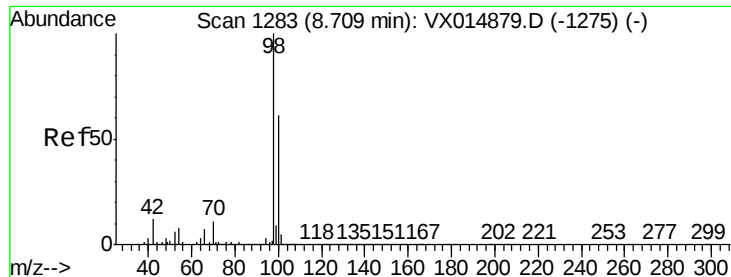


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.874 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014911.D

Acq: 11 Feb 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

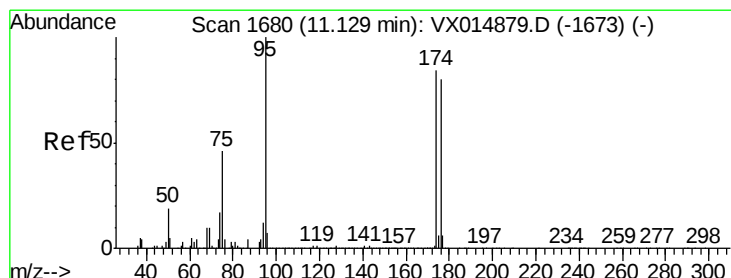
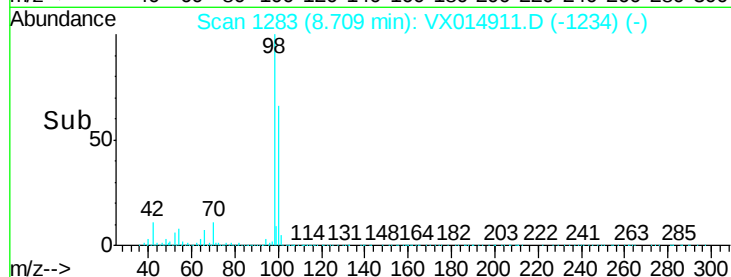
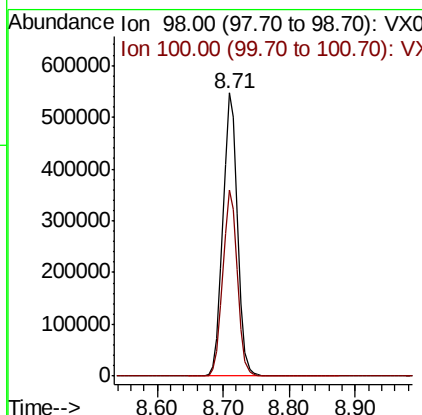
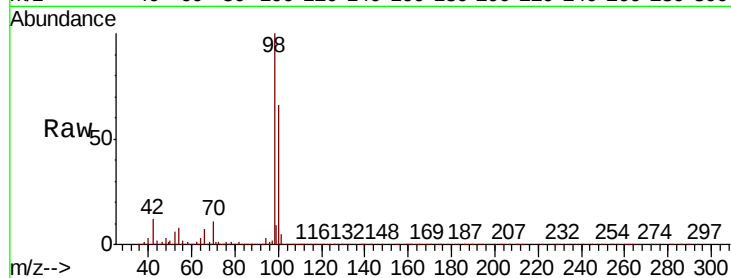
WS-1A-(DUPLICATE)

Tot Ion: 98 Resp: 838375

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.048 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014911.D

Acq: 11 Feb 2020 13:09

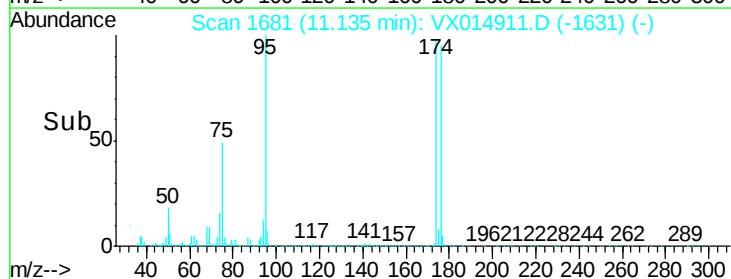
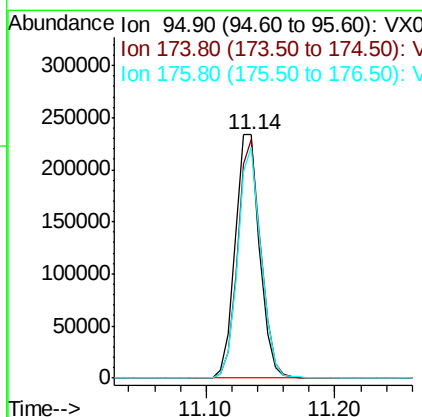
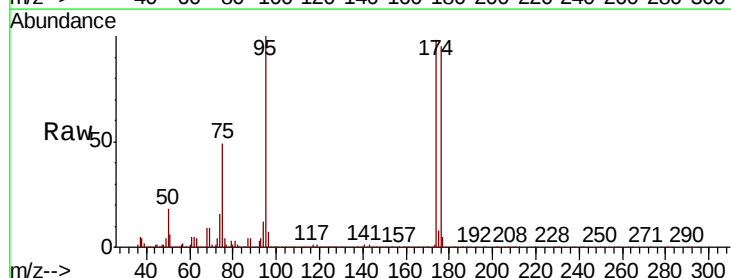
Tgt Ion: 95 Resp: 308980

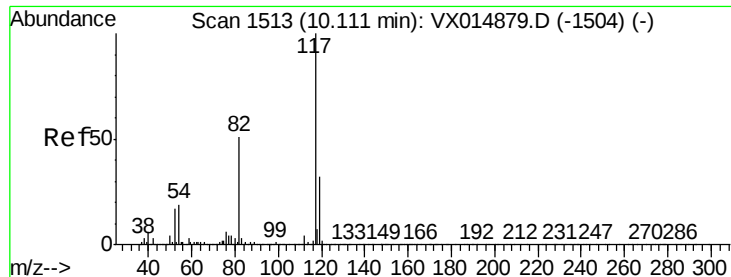
Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.0

176 89.5 0.0 178.0

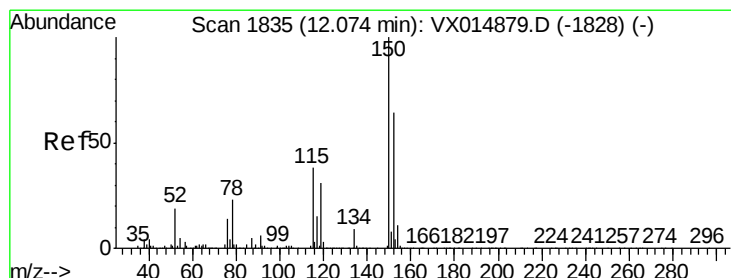
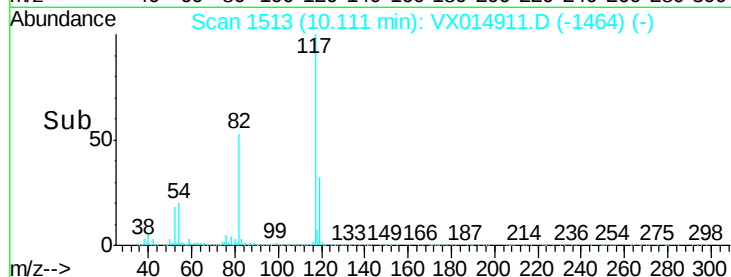
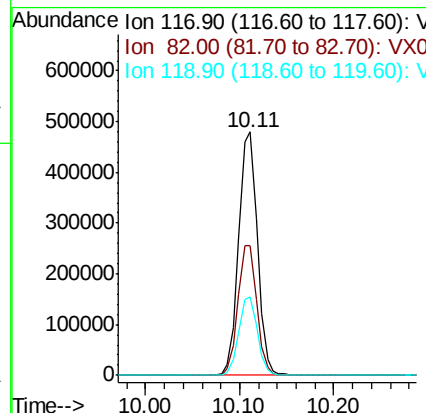
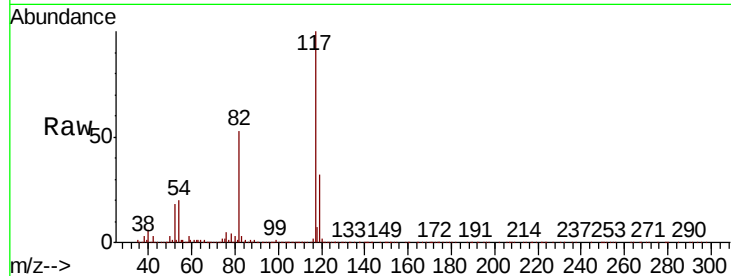




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
WS-1A-(DUPLICATE)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.5	60.7
119	32.2	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: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	38.6	116.0
150	154.6	0.0	349.0

