

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014193.D
 Acq On : 23 Dec 2019 11:18
 Operator : JC/SP
 Sample : VX1223WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBL01

Quant Time: Dec 24 01:43:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	597238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	916070	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	816341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	370689	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	327815	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.49	113	272307	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	8.71	98	1077802	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.14	95	370534	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	

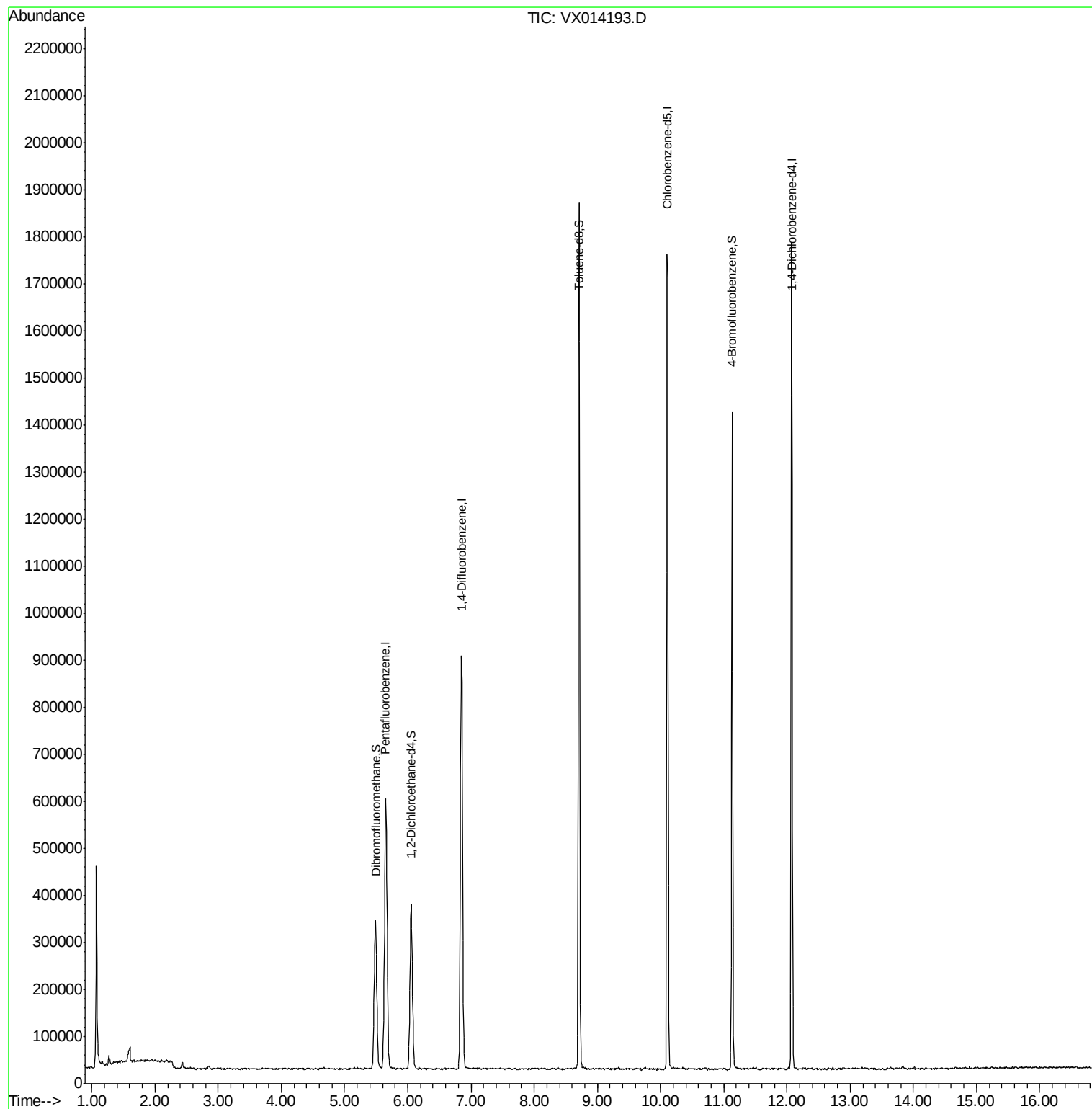
Target Compounds	Qvalue
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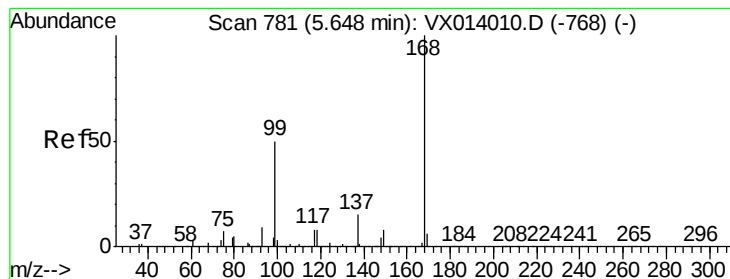
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014193.D

Acq: 23 Dec 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

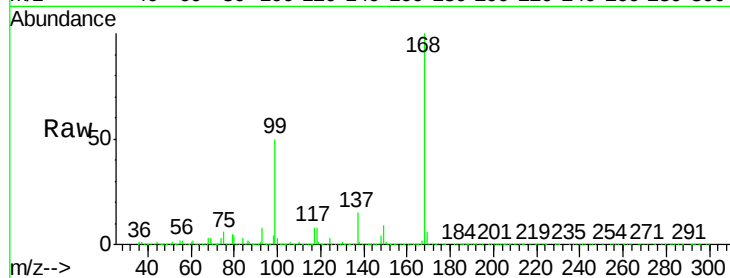
VX1223WBL01

Tot Ion:168 Resp: 597238

Ion Ratio Lower Upper

168 100

99 50.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

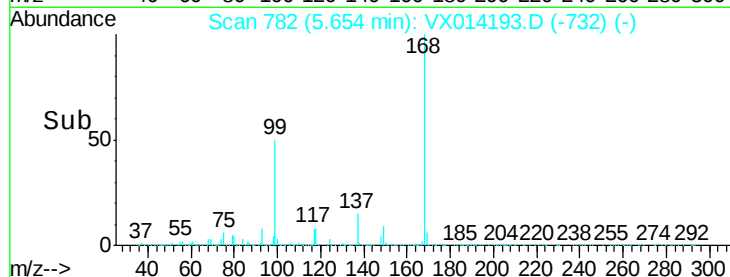
100000

50000

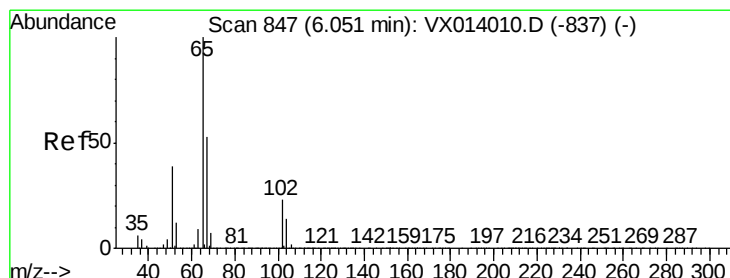
0

5.65

5.60 5.70 5.80



Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.430 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014193.D

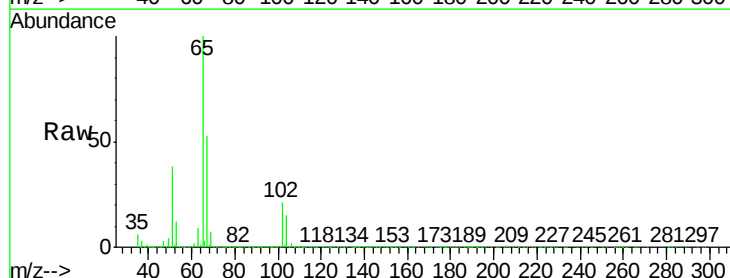
Acq: 23 Dec 2019 11:18

Tgt Ion: 65 Resp: 327815

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

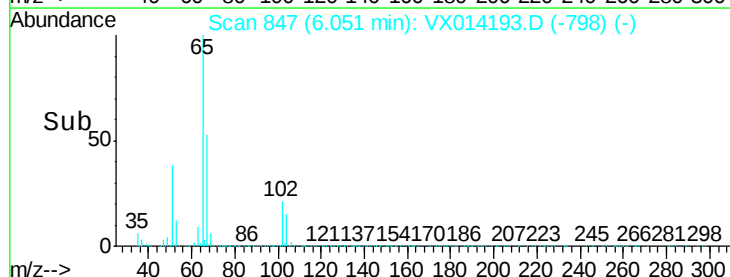
100000

50000

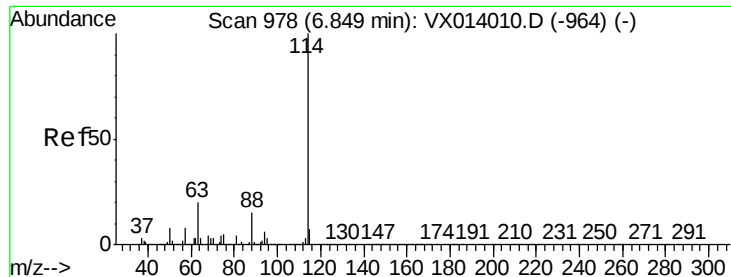
0

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: VX014193.D

Acq: 23 Dec 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBL01

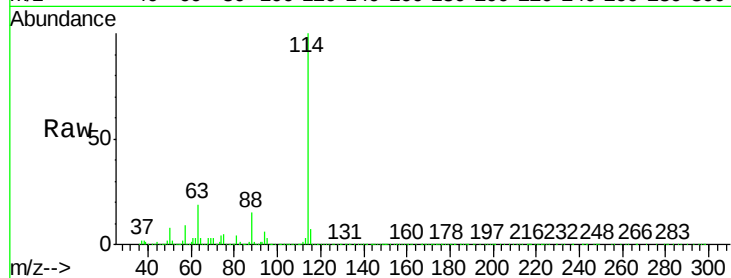
Tot Ion:114 Resp: 916070

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

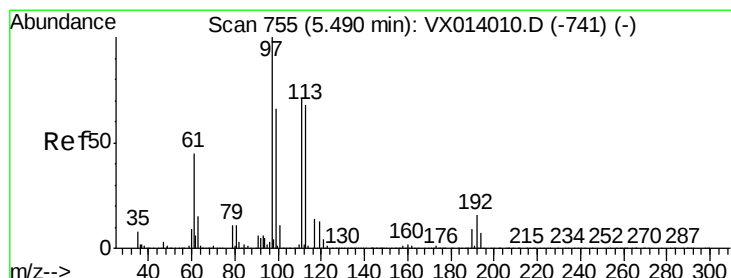
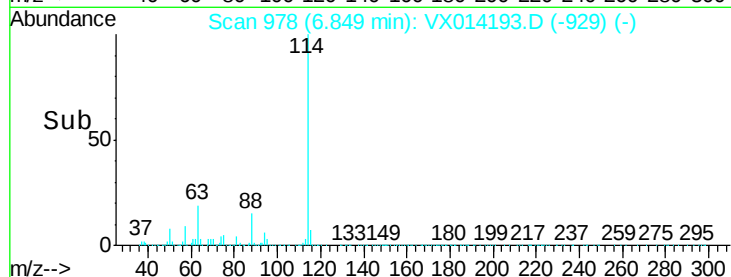
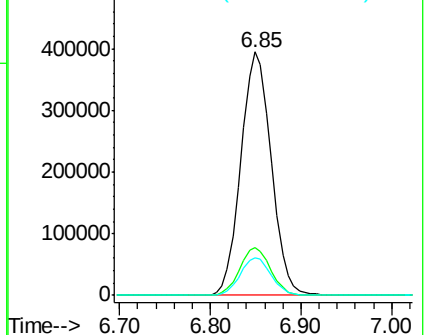
88 15.4 0.0 30.4



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: 48.900 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014193.D

Acq: 23 Dec 2019 11:18

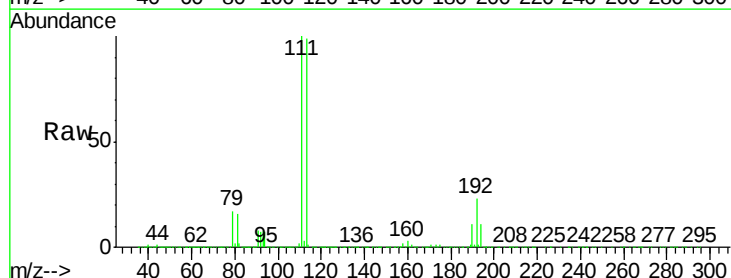
Tgt Ion:113 Resp: 272307

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

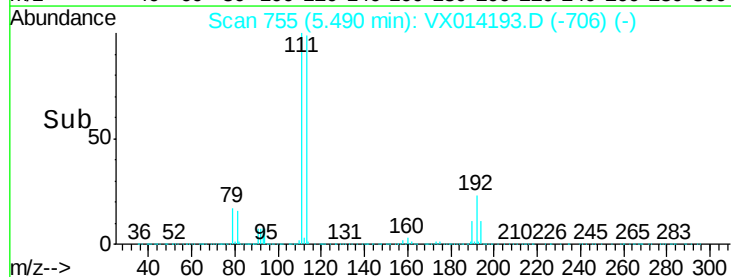
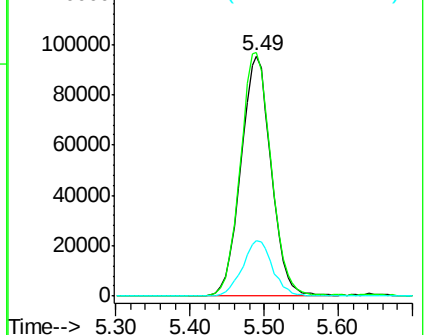
192 23.2 19.3 28.9



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: 49.713 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014193.D

Acq: 23 Dec 2019 11:18

Instrument :

MSVOA_X

ClientSampleId :

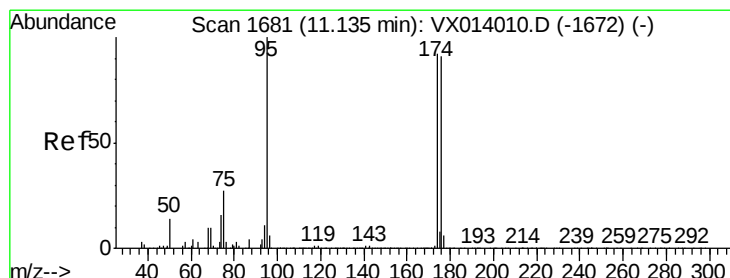
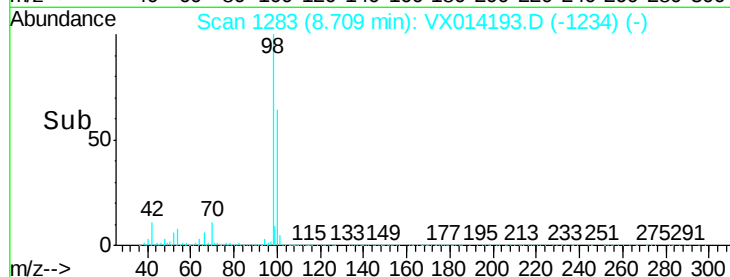
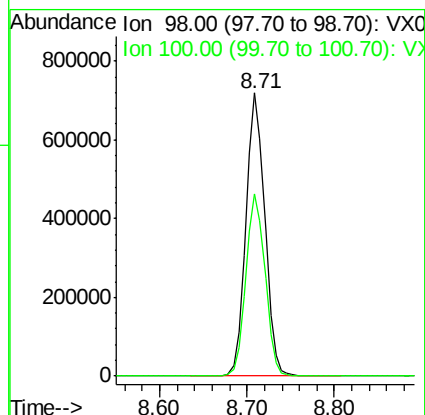
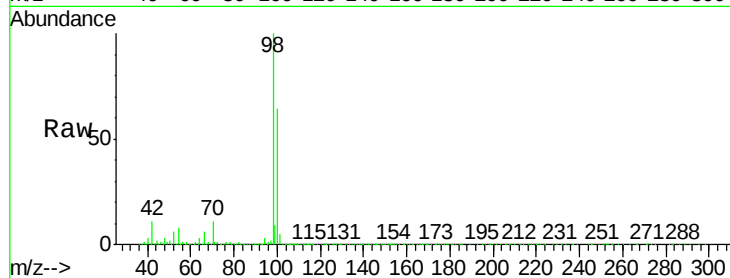
VX1223WBL01

Tot Ion: 98 Resp: 1077802

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.754 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014193.D

Acq: 23 Dec 2019 11:18

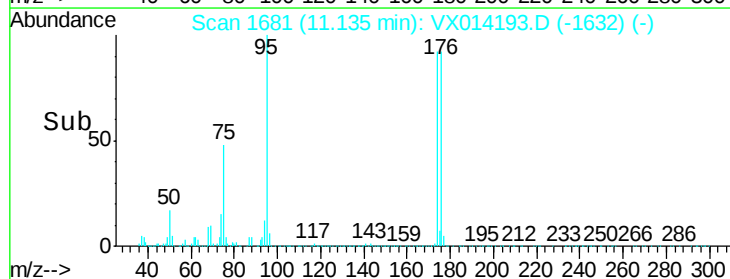
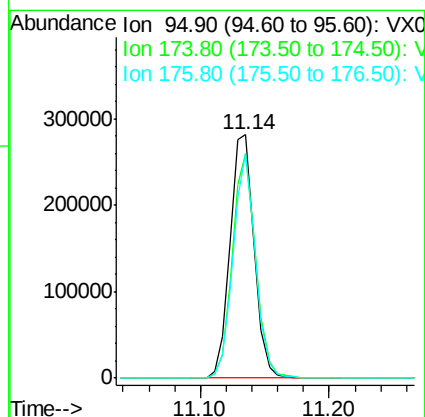
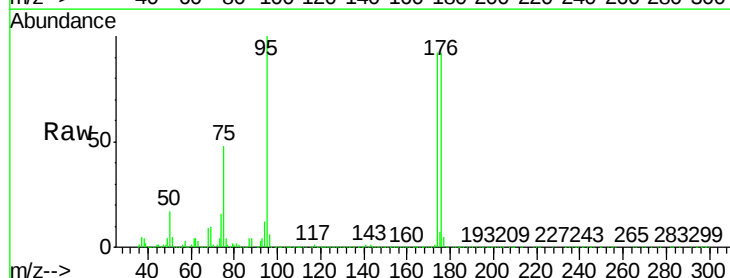
Tgt Ion: 95 Resp: 370534

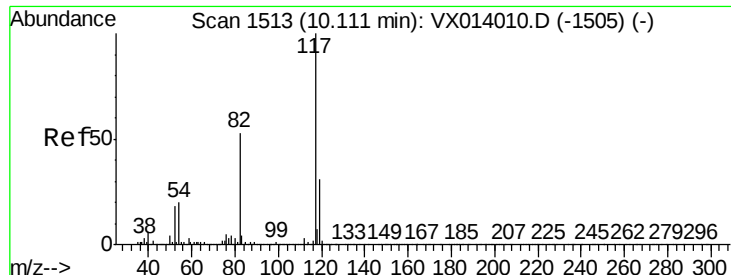
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.8

176 85.7 0.0 173.0

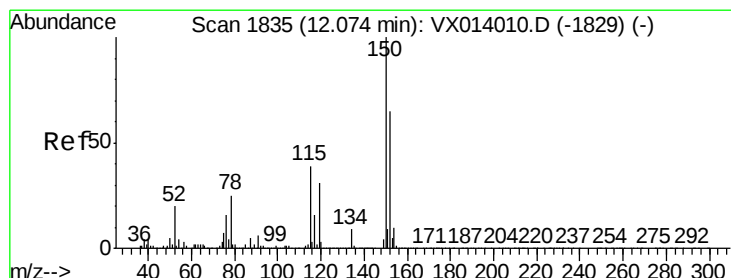
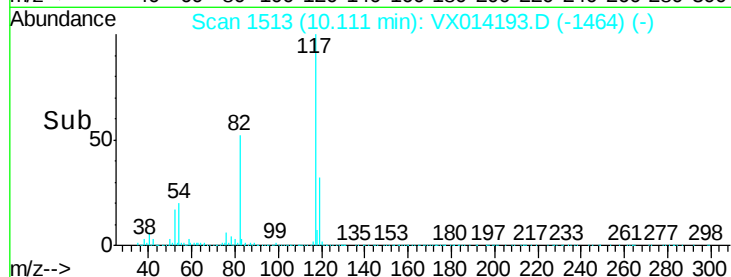
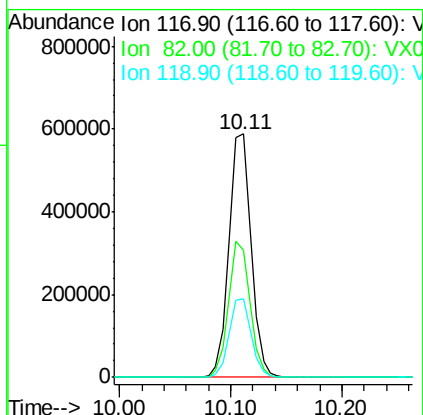
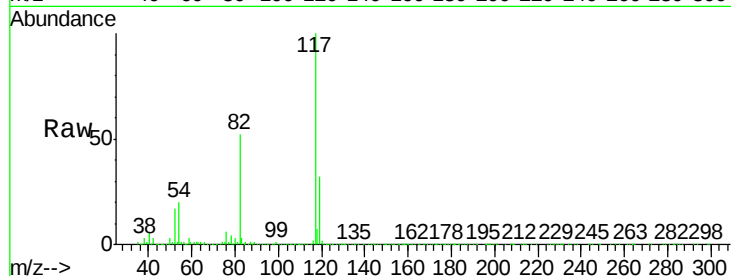




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014193.D
Acq: 23 Dec 2019 11:18

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tot Ion:117 Resp: 816341
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.4
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014193.D
Acq: 23 Dec 2019 11:18

Tgt Ion:152 Resp: 370689
Ion Ratio Lower Upper
152 100
115 55.9 38.3 114.9
150 156.9 0.0 345.4

