

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017492.D
 Acq On : 23 Jul 2020 15:13
 Operator : JC/SP
 Sample : L3416-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20200720

Quant Time: Jul 24 06:21:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	574367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	958534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1003388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	532931	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	377116	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
35) Dibromofluoromethane	5.47	113	319997	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	8.70	98	1195779	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.12	95	519632	56.14	ug/l	0.00
Spiked Amount			Recovery	=	112.28%	

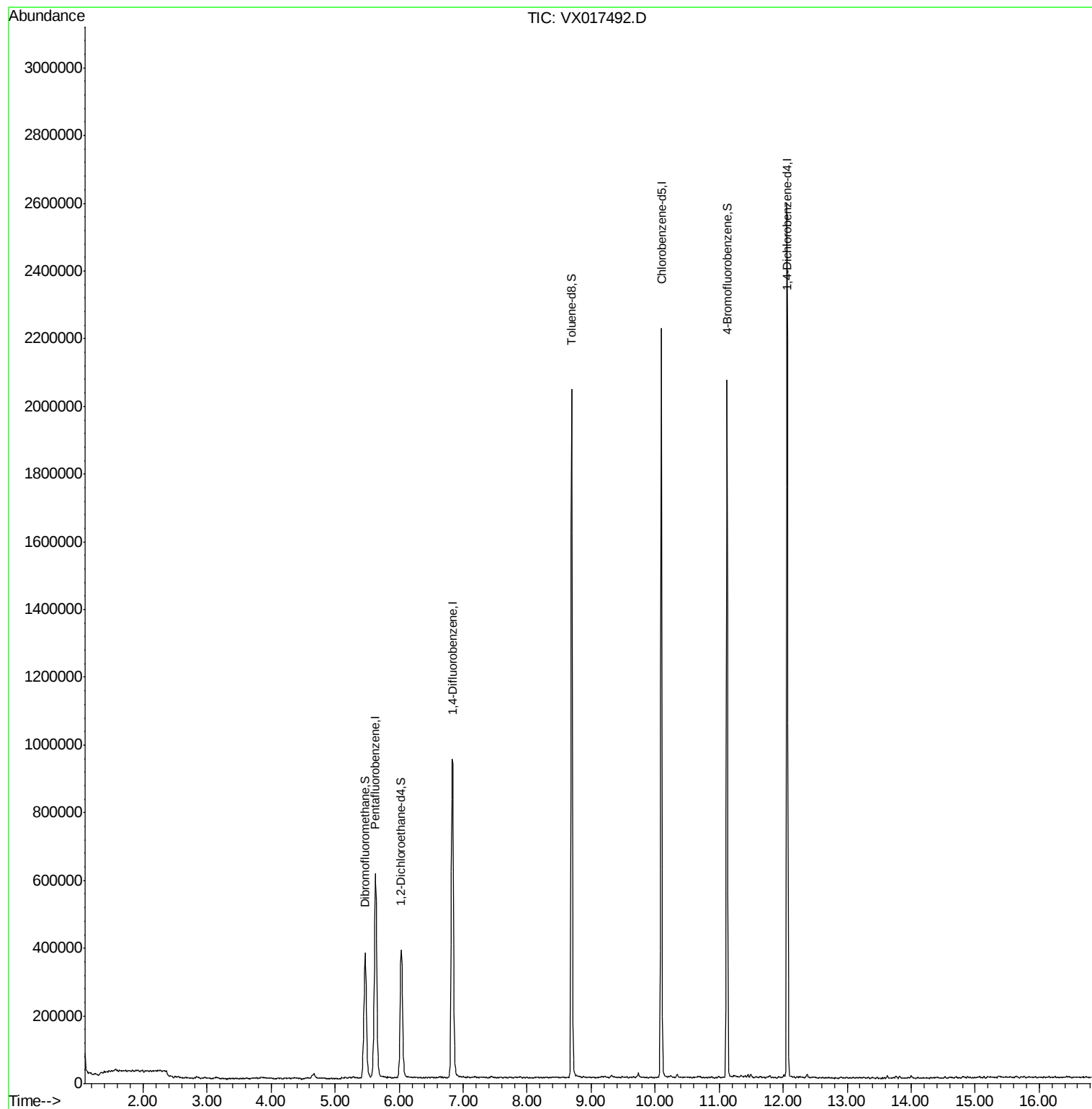
Target Compounds	Qvalue
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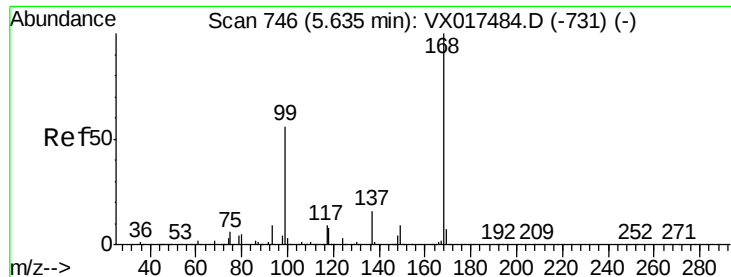
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017492.D

Acq: 23 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

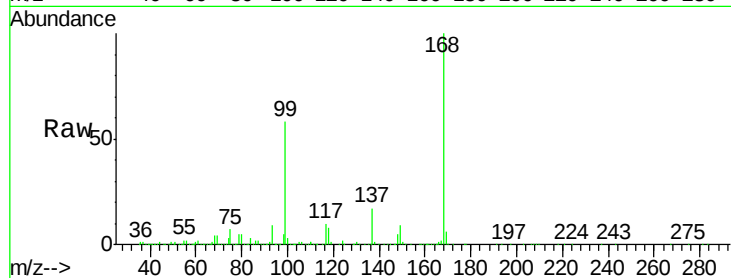
TB-20200720

Tot Ion:168 Resp: 574367

Ion Ratio Lower Upper

168 100

99 58.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

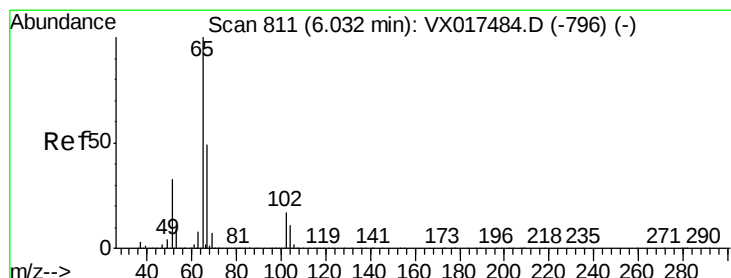
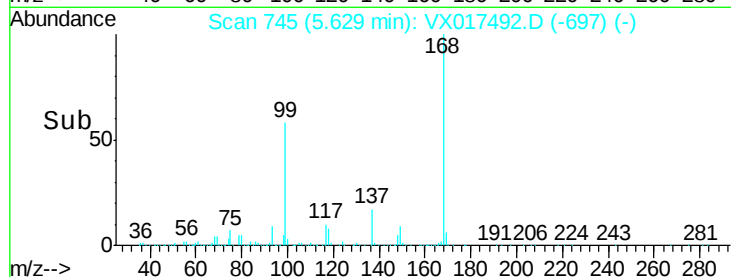
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.114 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017492.D

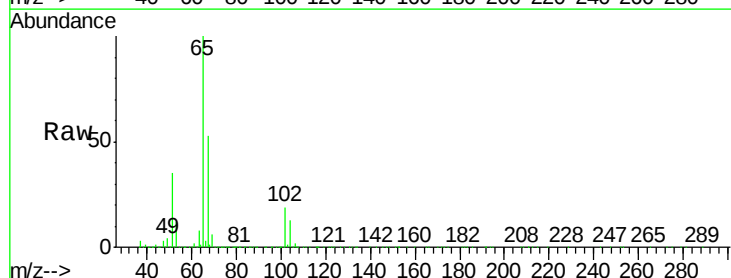
Acq: 23 Jul 2020 15:13

Tgt Ion: 65 Resp: 377116

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

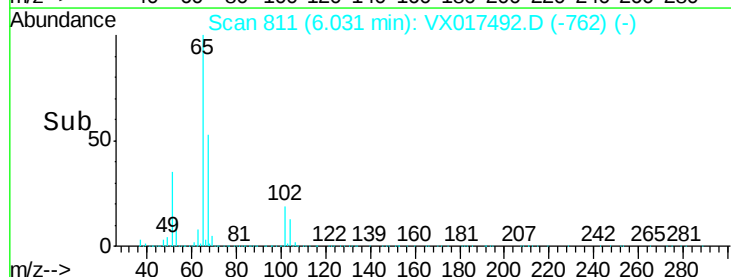
100000

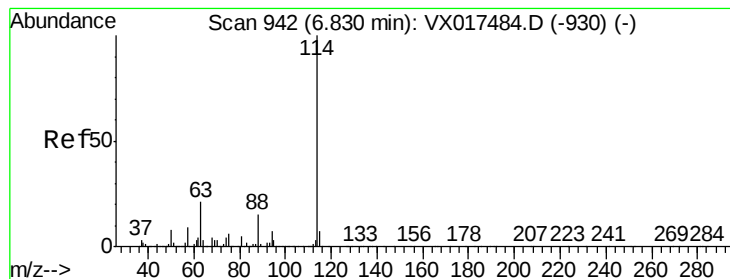
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017492.D

Acq: 23 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

TB-20200720

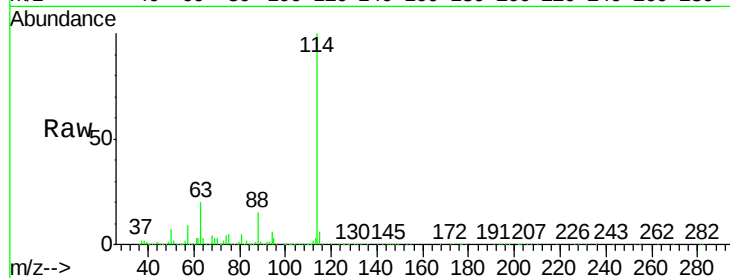
Tot Ion:114 Resp: 958534

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

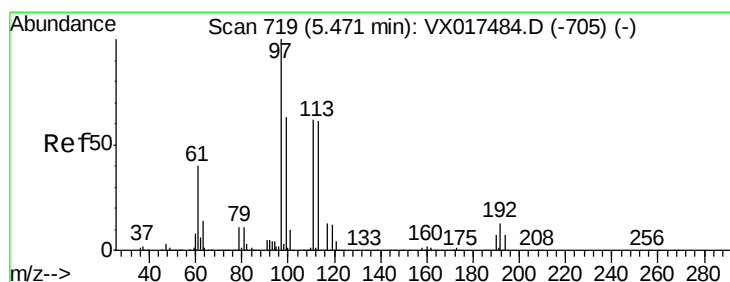
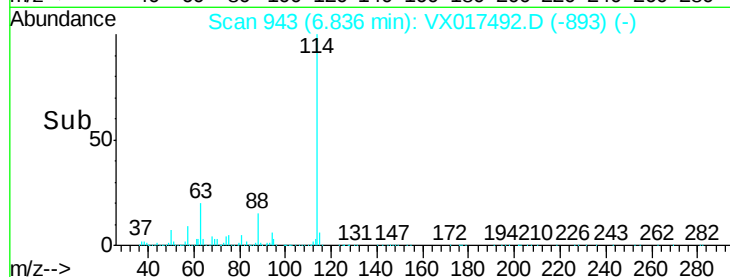
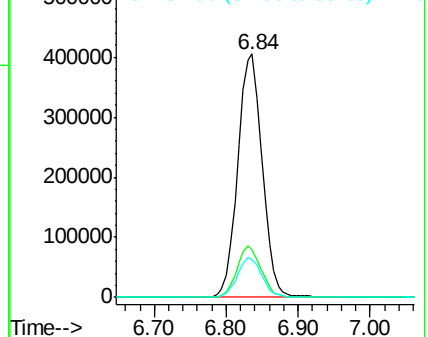
88 15.4 0.0 33.4



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: 49.916 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017492.D

Acq: 23 Jul 2020 15:13

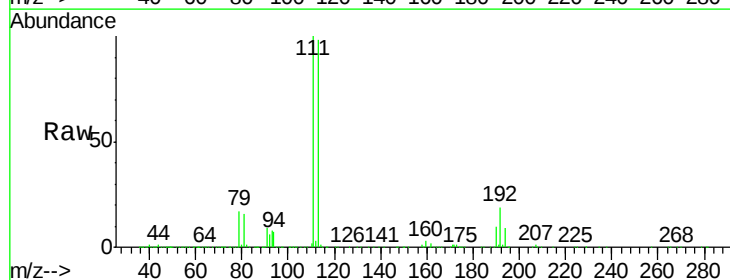
Tgt Ion:113 Resp: 319997

Ion Ratio Lower Upper

113 100

111 101.7 80.7 121.1

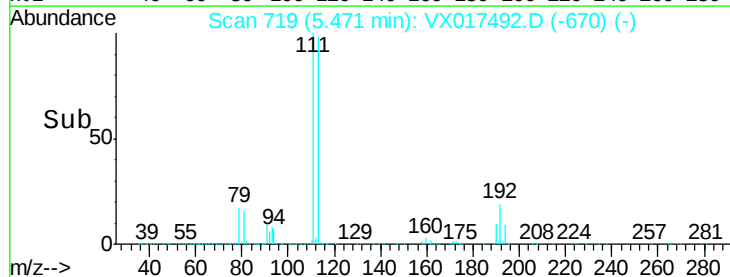
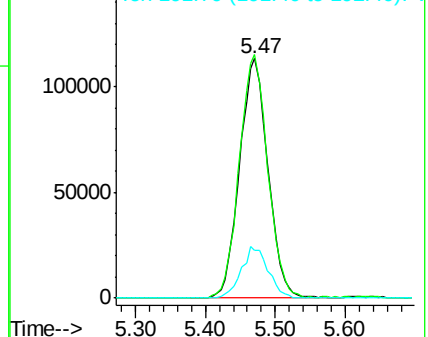
192 20.5 16.9 25.3

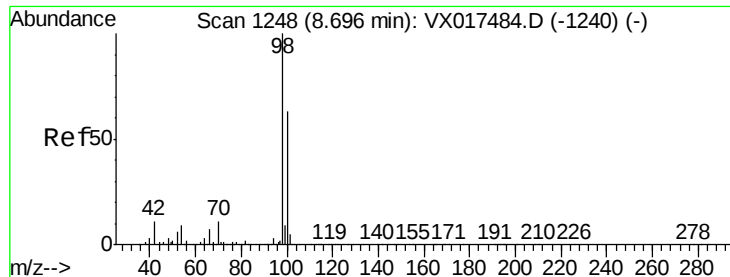


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.706 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017492.D

Acq: 23 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

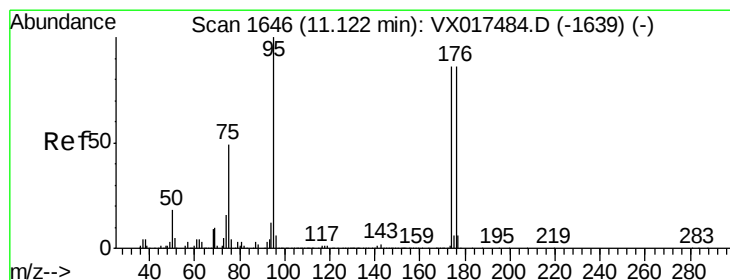
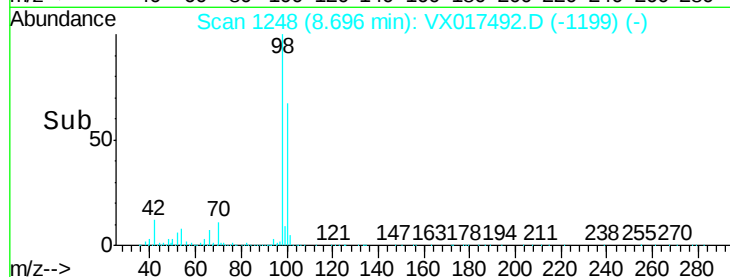
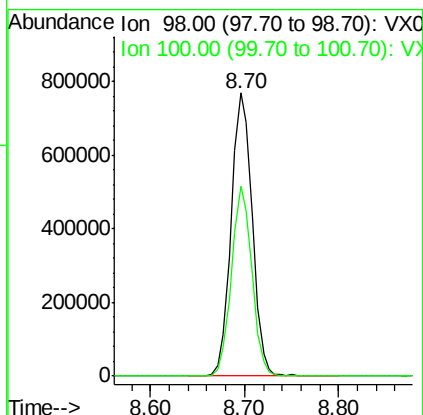
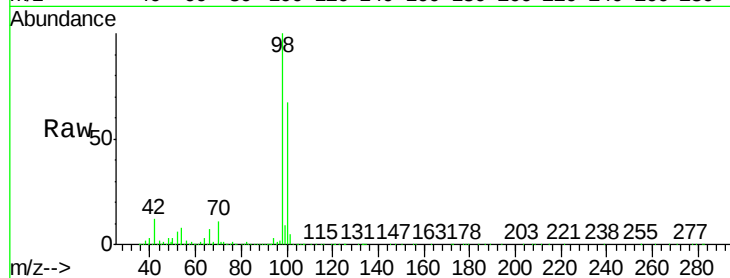
TB-20200720

Tot Ion: 98 Resp: 1195779

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 56.144 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017492.D

Acq: 23 Jul 2020 15:13

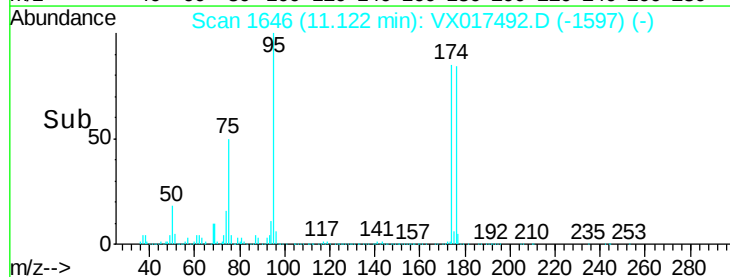
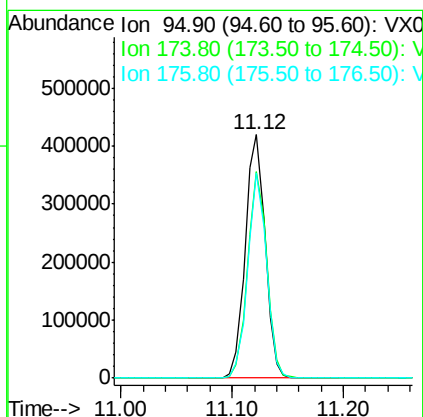
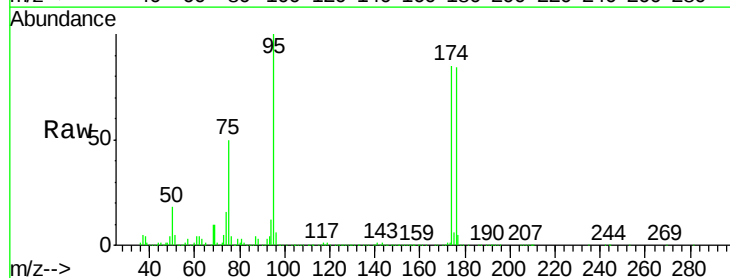
Tgt Ion: 95 Resp: 519632

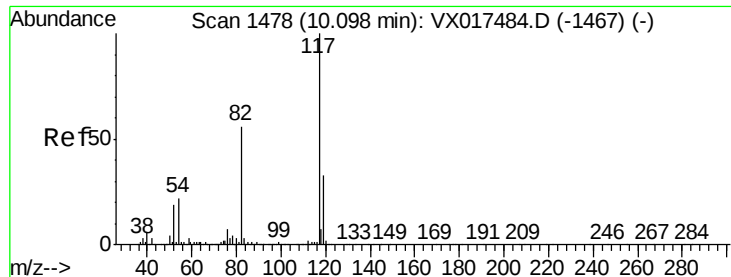
Ion Ratio Lower Upper

95 100

174 81.9 0.0 169.0

176 79.8 0.0 161.0

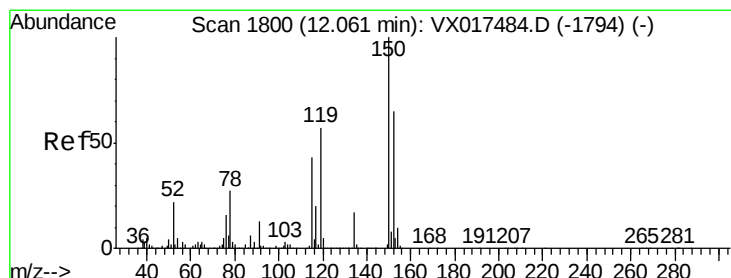
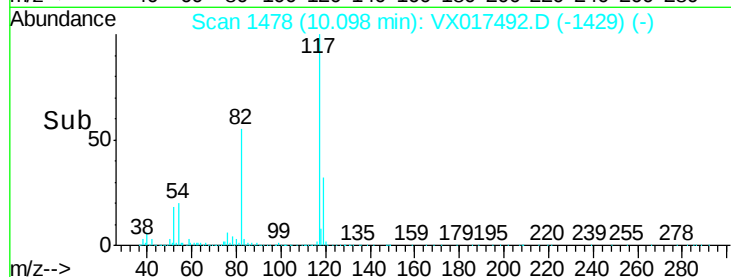
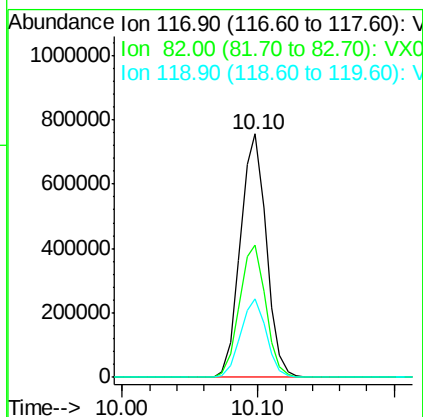
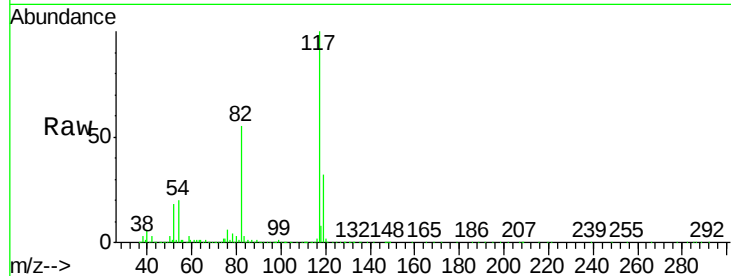




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017492.D
Acq: 23 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
TB-20200720

Tot Ion:117 Resp: 1003388
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017492.D
Acq: 23 Jul 2020 15:13

Tgt Ion:152 Resp: 532931
Ion Ratio Lower Upper
152 100
115 58.2 65.5 196.6#
150 153.6 0.0 412.6

