

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017980.D
 Acq On : 19 Aug 2020 13:24
 Operator : JC/SP
 Sample : L3717-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-TB-20200812

Quant Time: Aug 19 13:54:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	489563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	756246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	702147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	338239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	332656	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.46	113	260985	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	8.70	98	903909	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.12	95	333236	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	

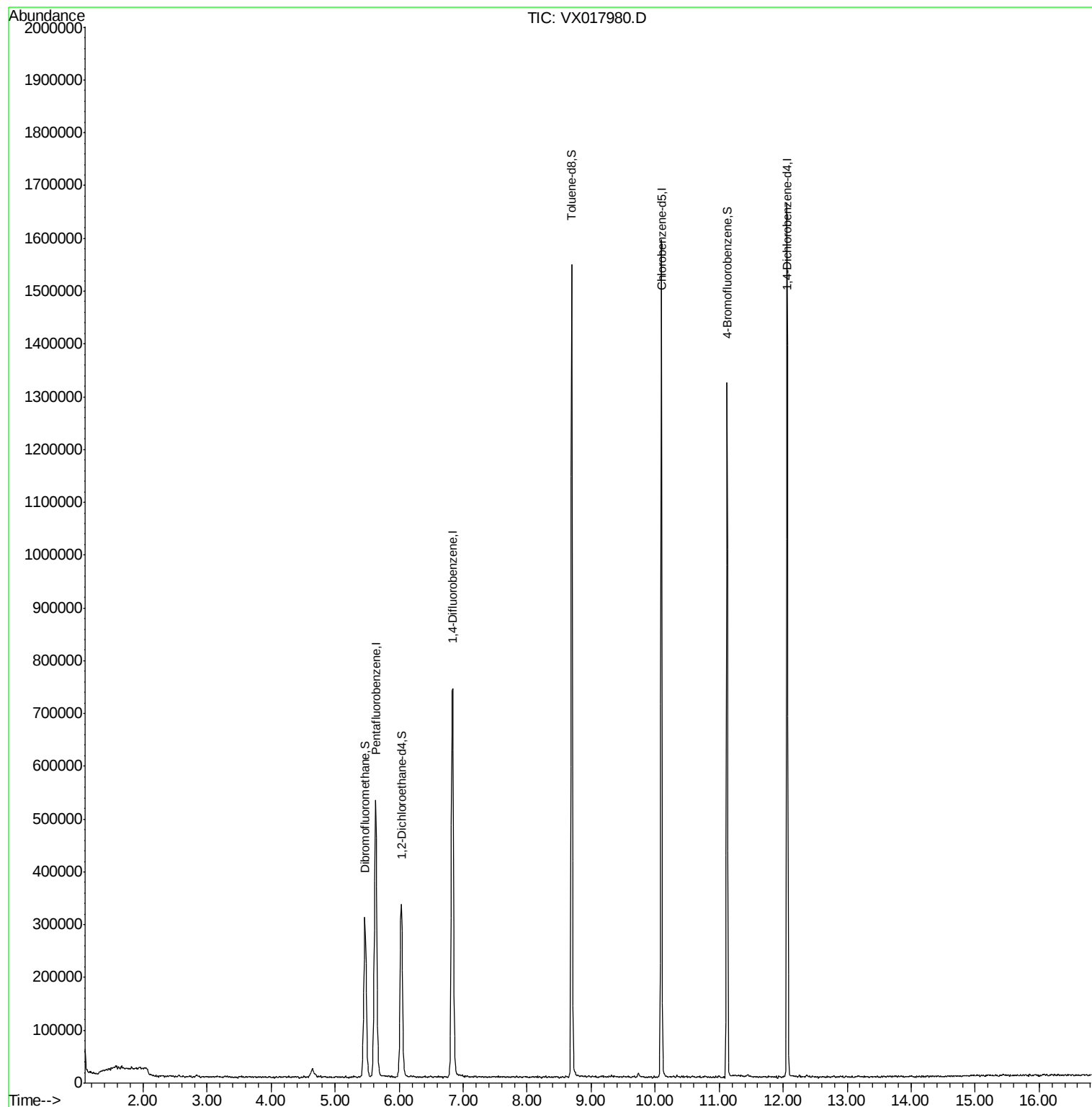
Target Compounds	Qvalue

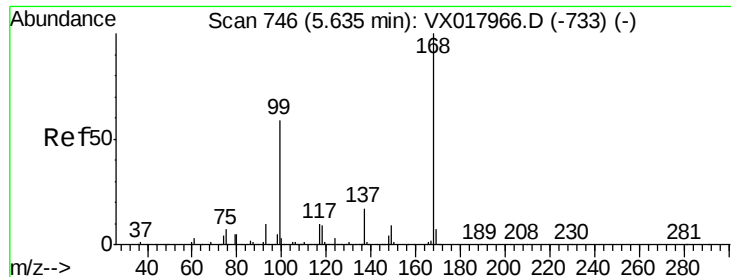
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017980.D

Acq: 19 Aug 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

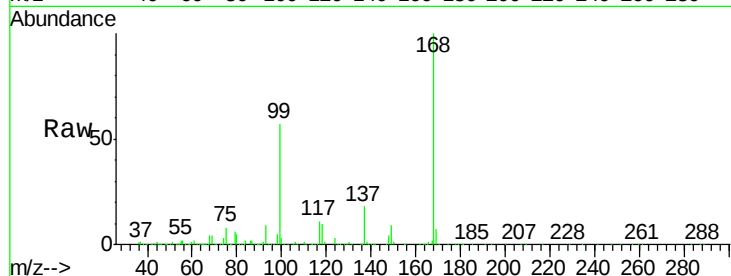
BP-VPB179-TB-20200812

Tot Ion:168 Resp: 489563

Ion Ratio Lower Upper

168 100

99 57.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

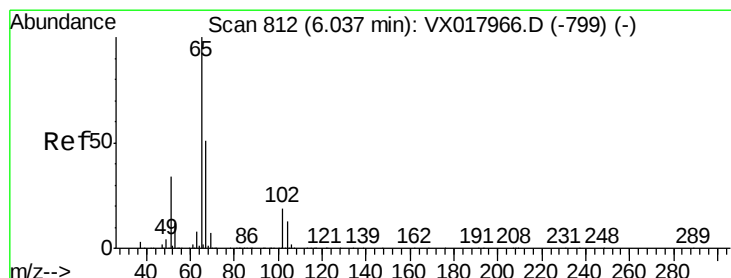
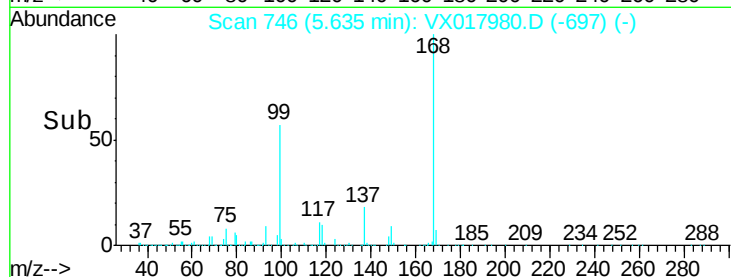
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.353 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX017980.D

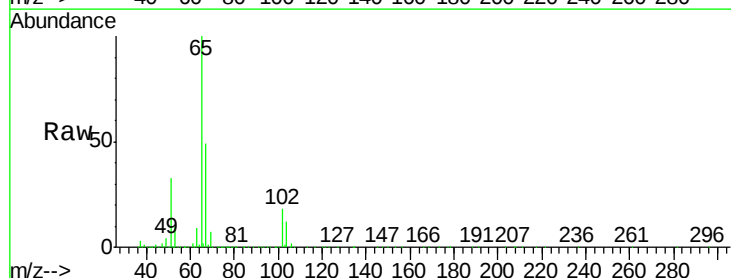
Acq: 19 Aug 2020 13:24

Tgt Ion: 65 Resp: 332656

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

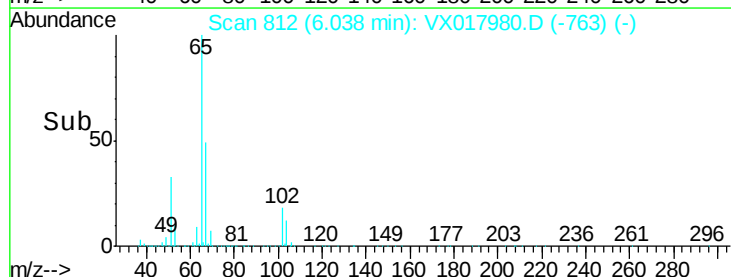
150000

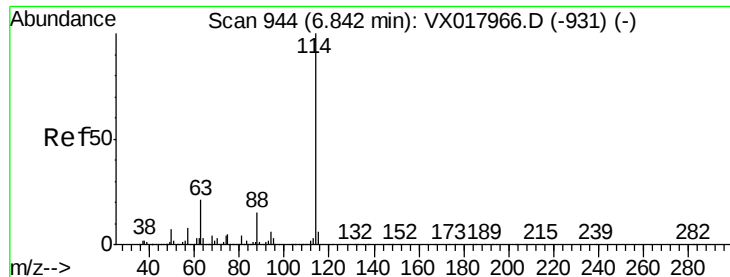
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.01 min

Lab File: VX017980.D

Acq: 19 Aug 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-TB-20200812

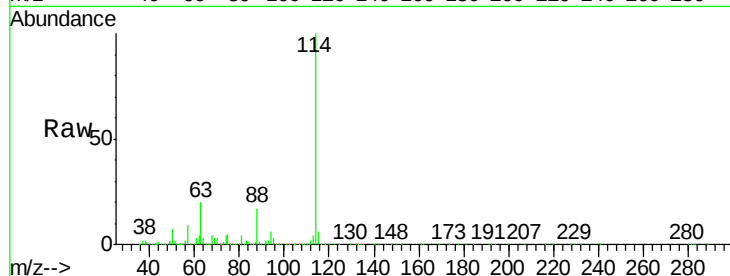
Tot Ion:114 Resp: 756246

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.6

88 16.9 0.0 30.2



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

6.84

400000

300000

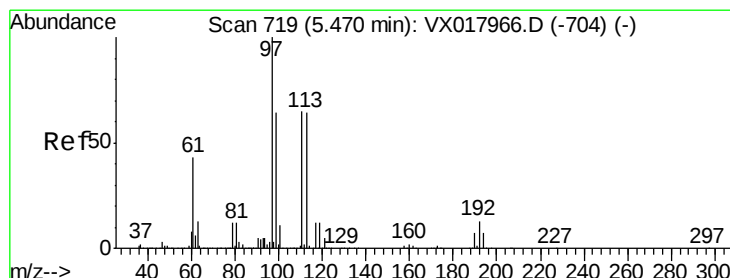
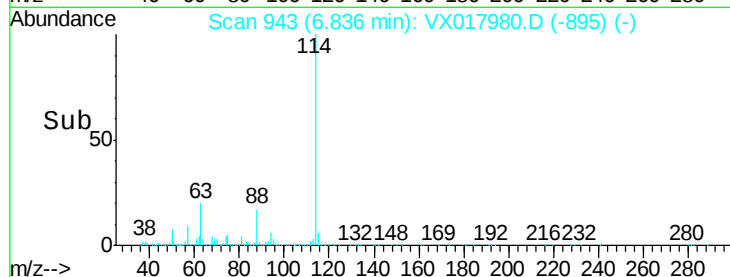
200000

100000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.343 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017980.D

Acq: 19 Aug 2020 13:24

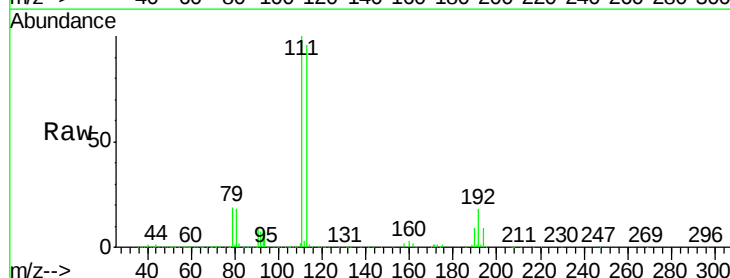
Tgt Ion:113 Resp: 260985

Ion Ratio Lower Upper

113 100

111 102.7 83.5 125.3

192 20.4 16.2 24.4



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

5.46

120000

100000

80000

60000

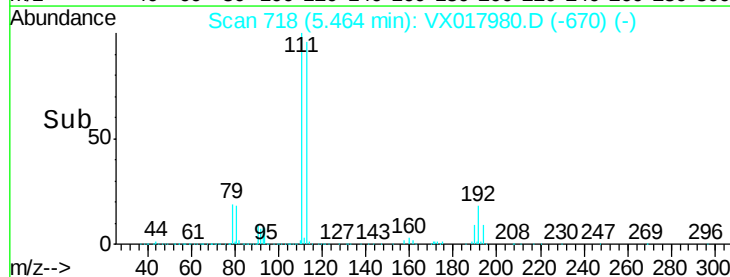
40000

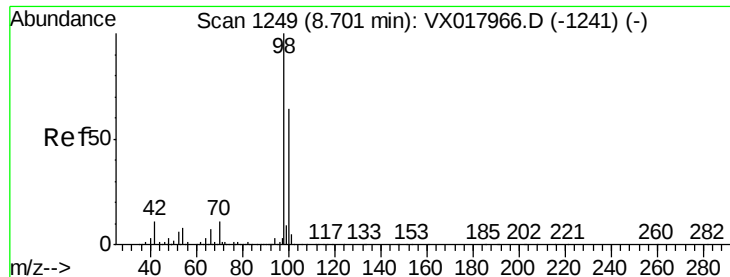
20000

0

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 45.408 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX017980.D

Acq: 19 Aug 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

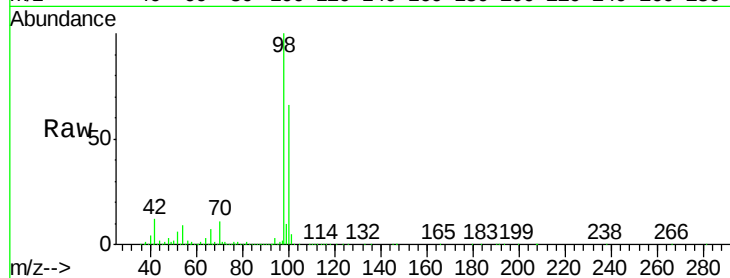
BP-VPB179-TB-20200812

Tot Ion: 98 Resp: 903909

Ion Ratio Lower Upper

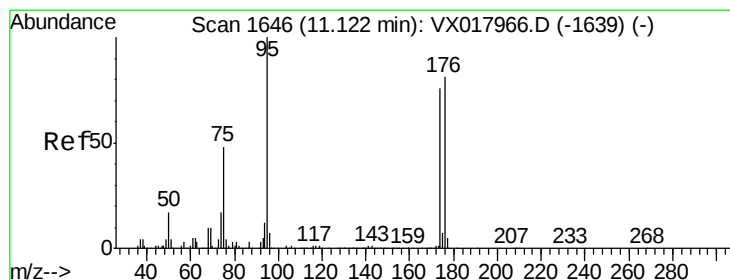
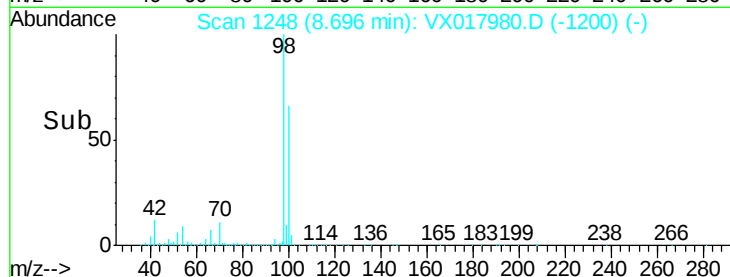
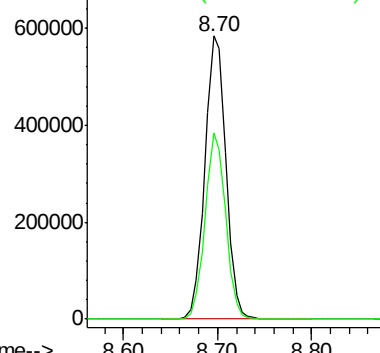
98 100

100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.324 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017980.D

Acq: 19 Aug 2020 13:24

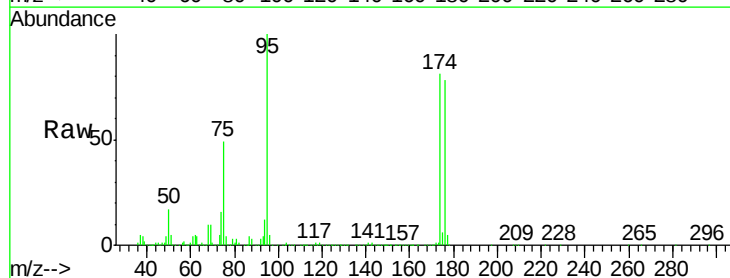
Tgt Ion: 95 Resp: 333236

Ion Ratio Lower Upper

95 100

174 80.9 0.0 166.0

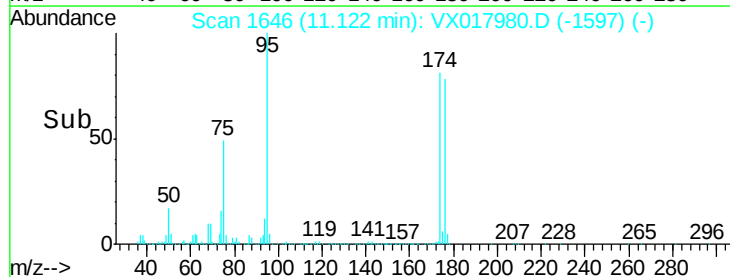
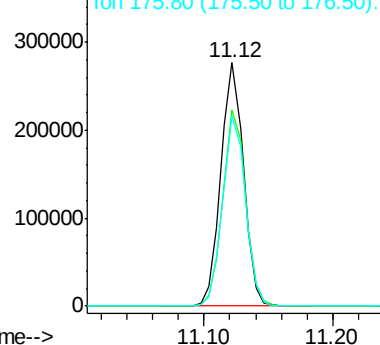
176 78.4 0.0 161.0

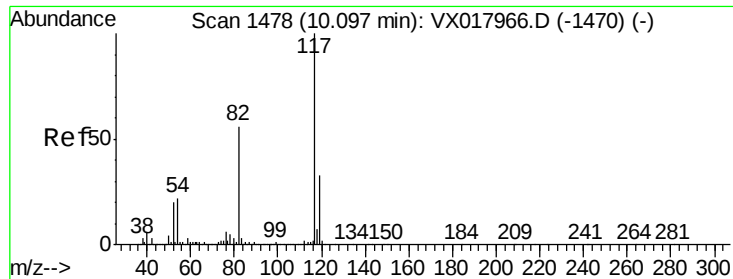


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

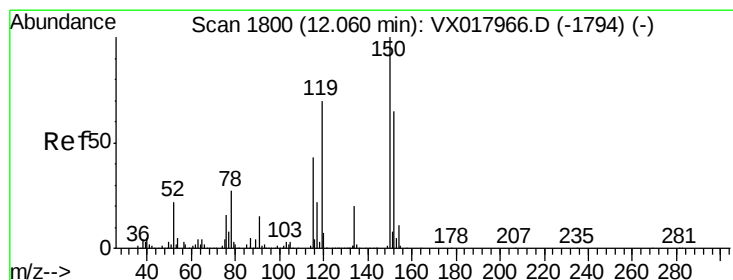
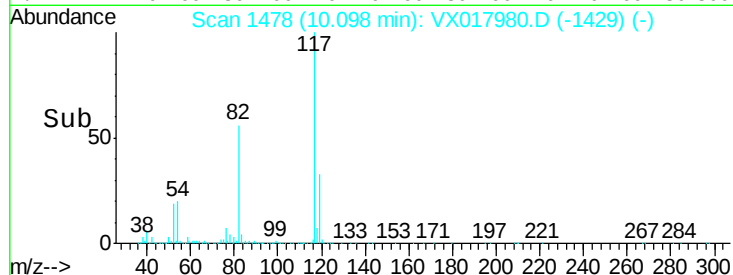
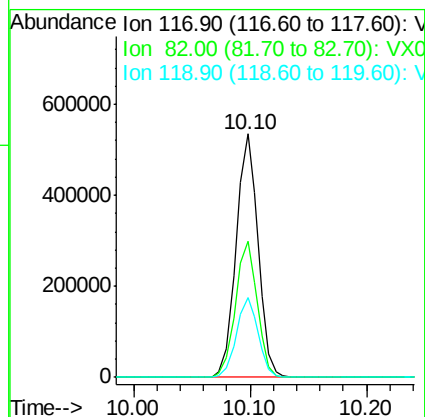
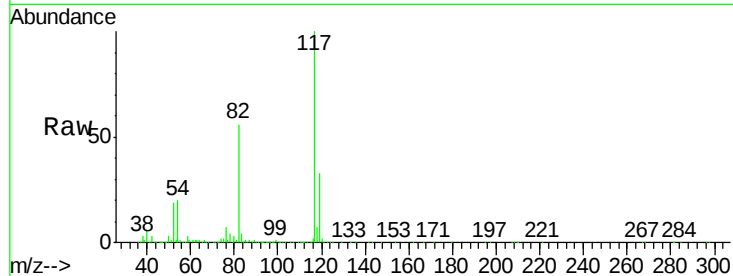




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017980.D
Acq: 19 Aug 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-TB-20200812

Tot Ion:117 Resp: 702147
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017980.D
Acq: 19 Aug 2020 13:24

Tgt Ion:152 Resp: 338239
Ion Ratio Lower Upper
152 100
115 58.2 40.6 121.7
150 152.4 0.0 346.4

