

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063239.D
 Acq On : 4 Sep 2020 11:49
 Operator : JC/MD
 Sample : L3923-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-TB-20200902

Quant Time: Sep 07 00:41:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	276426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	529261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	525976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	218938	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	7.55	113	169476	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.06	98	679867	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.38	95	234358	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	

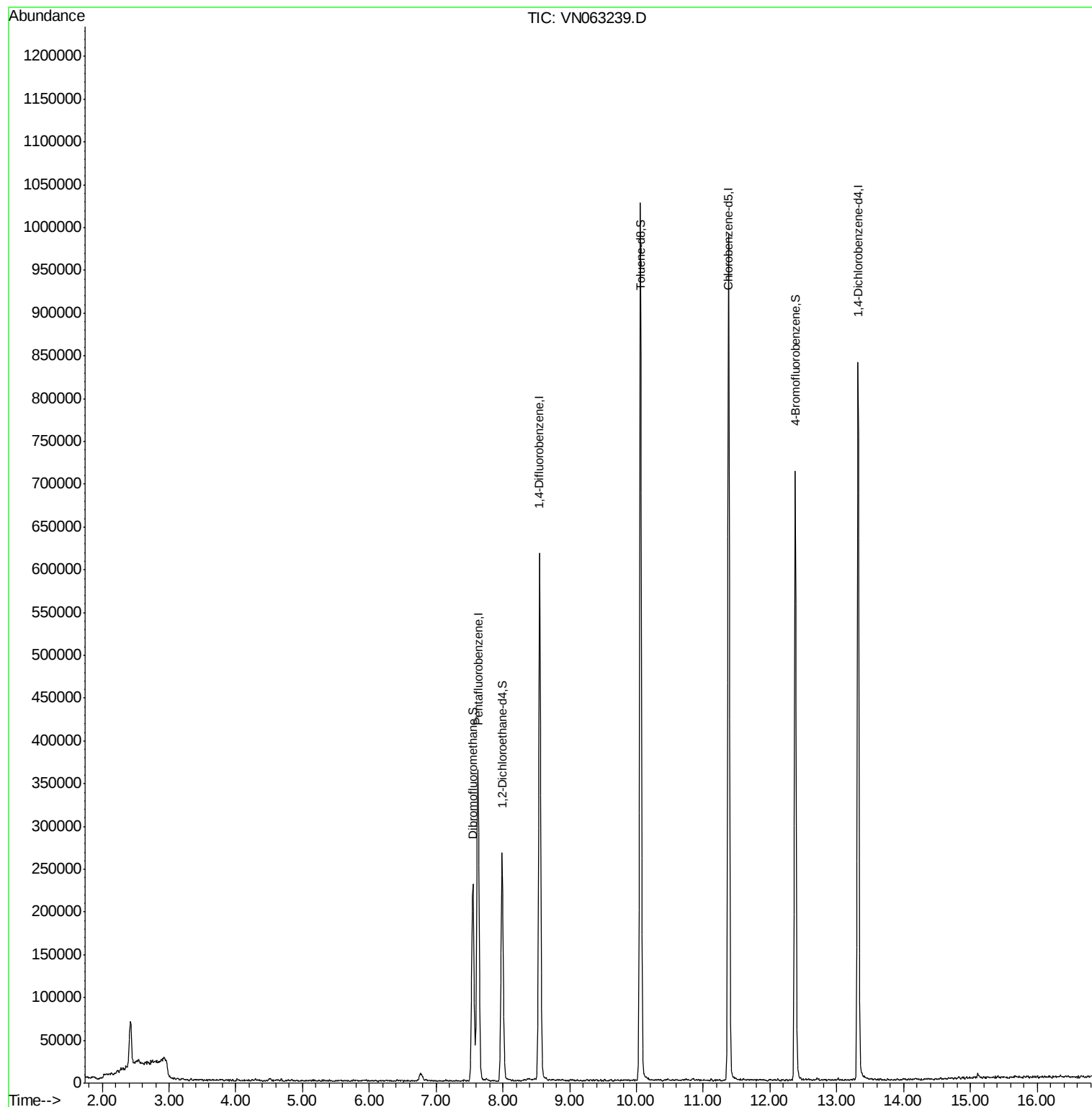
Target Compounds	Qvalue
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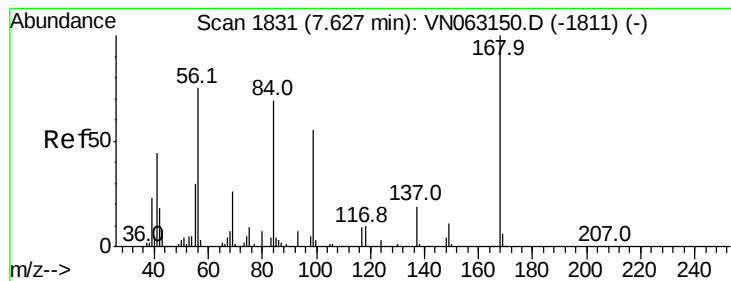
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063239.D

Acq: 4 Sep 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

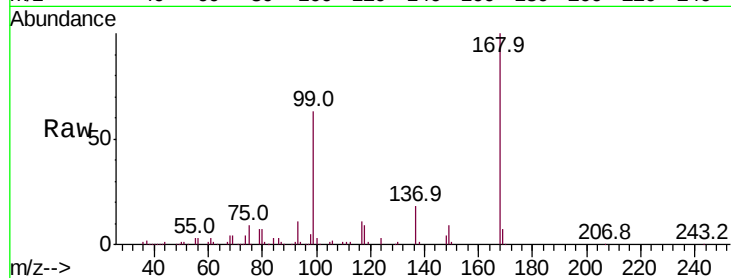
BP-VPB181-TB-20200902

Tot Ion:168 Resp: 276426

Ion Ratio Lower Upper

168 100

99 62.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

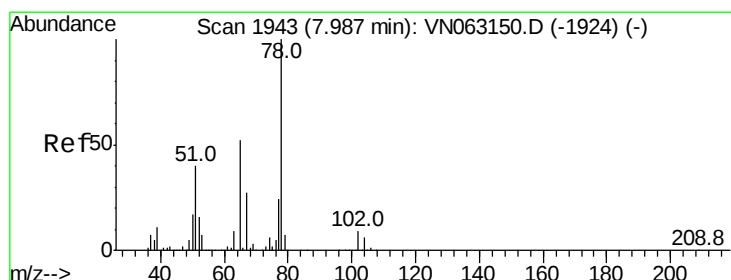
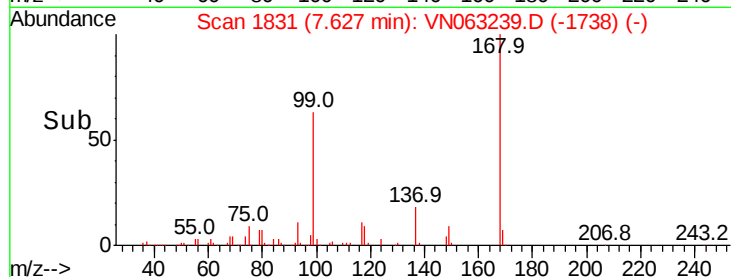
7.63

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.451 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063239.D

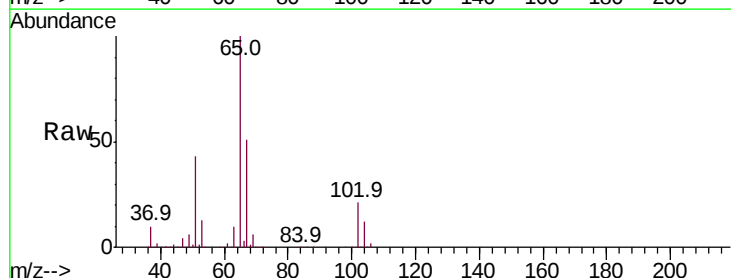
Acq: 4 Sep 2020 11:49

Tgt Ion: 65 Resp: 218938

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

100000

80000

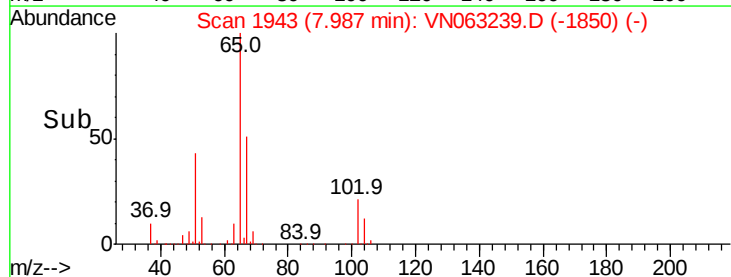
60000

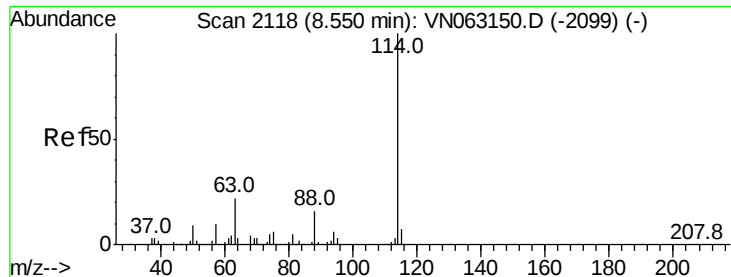
40000

20000

0

Time-->

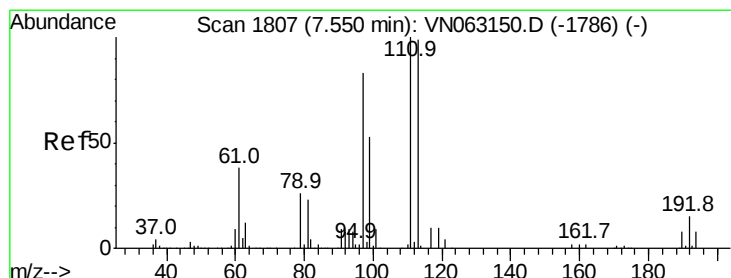
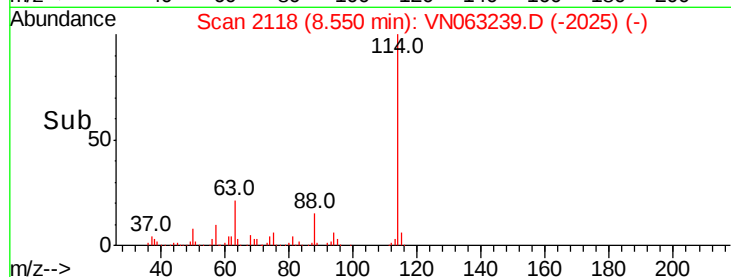
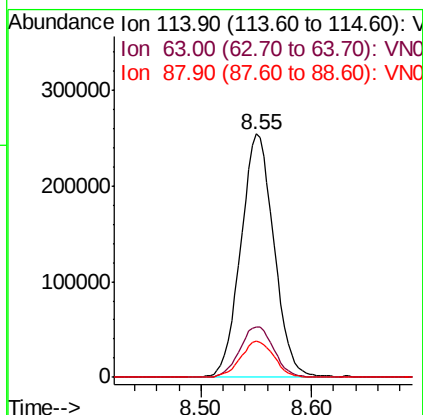
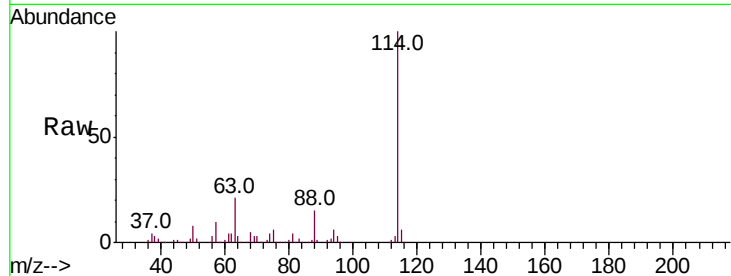




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063239.D
 Acq: 4 Sep 2020 11:49

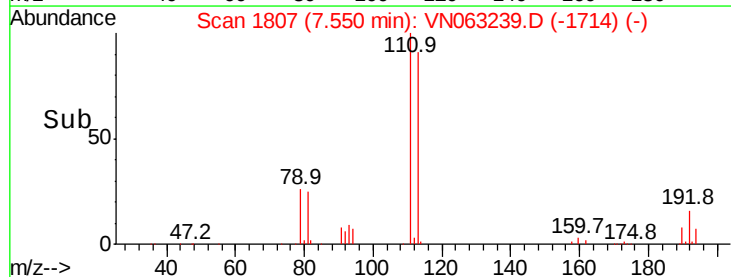
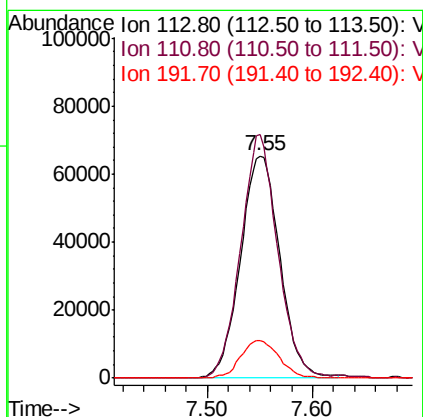
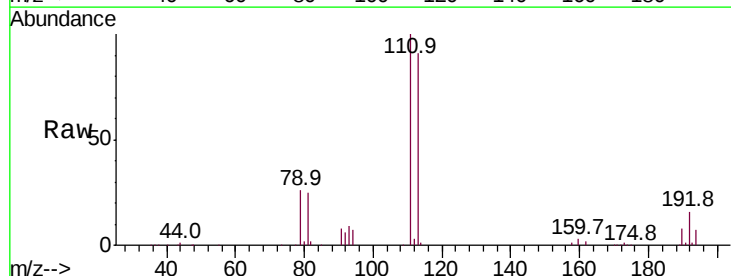
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-TB-20200902

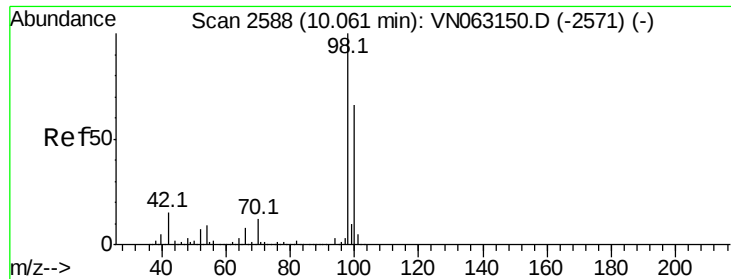
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.0
88	14.9	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 49.912 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063239.D
 Acq: 4 Sep 2020 11:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.7	121.1
192	16.7	12.6	19.0





#50

Toluene-d8

Concen: 52.020 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063239.D

Acq: 4 Sep 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

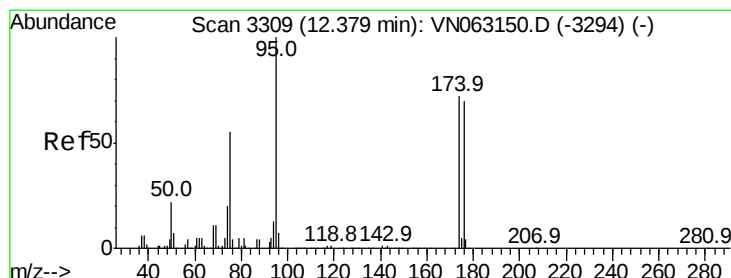
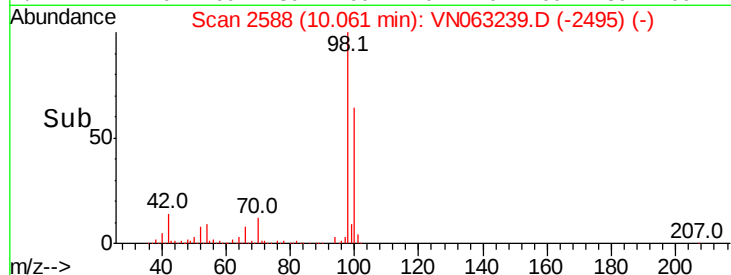
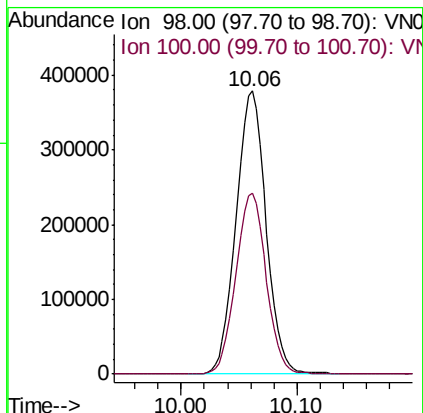
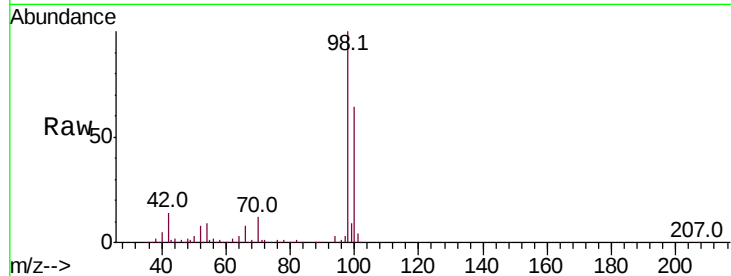
BP-VPB181-TB-20200902

Tot Ion: 98 Resp: 679867

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.263 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063239.D

Acq: 4 Sep 2020 11:49

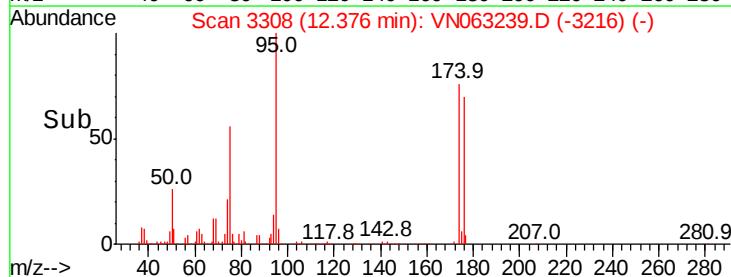
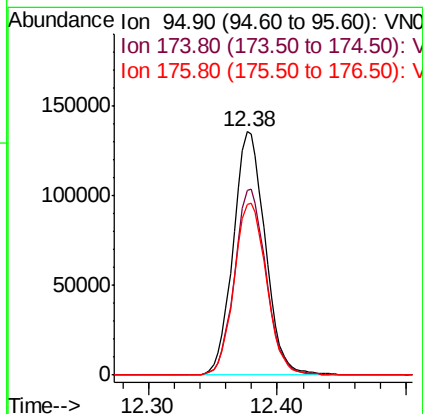
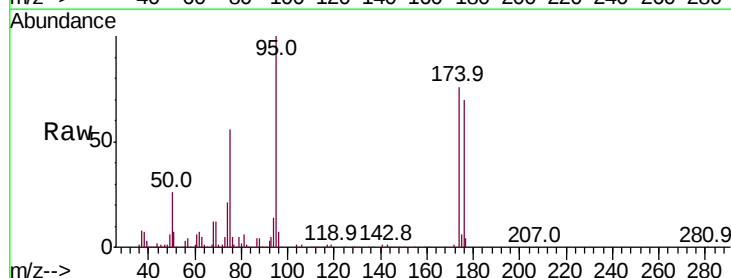
Tgt Ion: 95 Resp: 234358

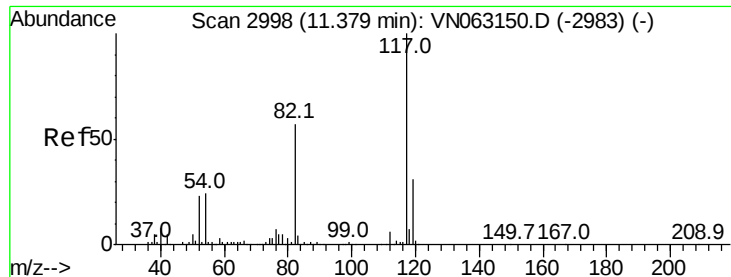
Ion Ratio Lower Upper

95 100

174 75.5 0.0 143.8

176 71.8 0.0 138.4

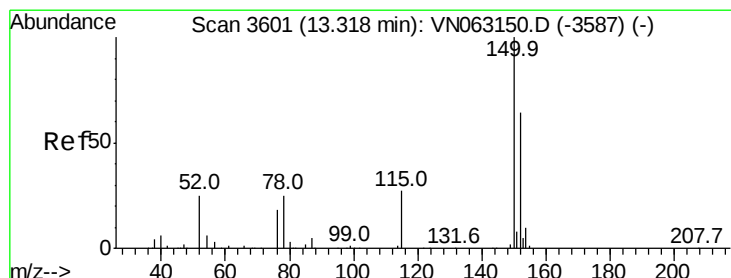
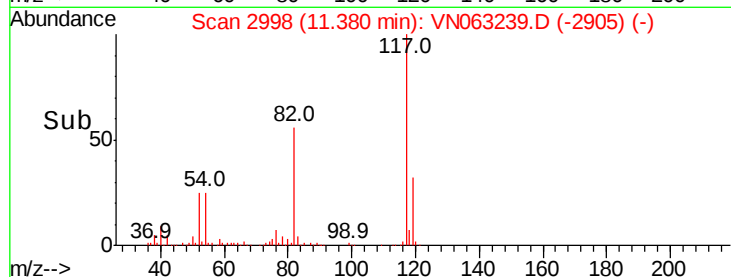
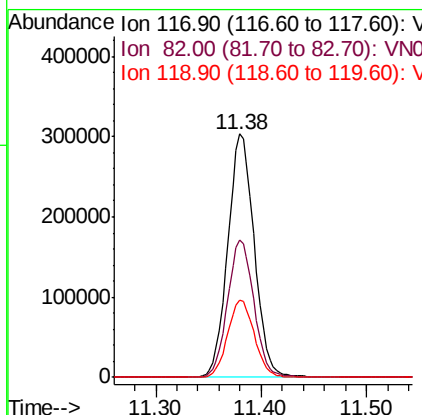
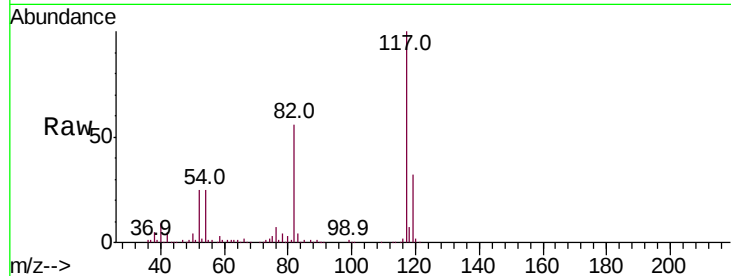




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063239.D
Acq: 4 Sep 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-TB-20200902

Tot Ion:117 Resp: 525976
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 31.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063239.D
Acq: 4 Sep 2020 11:49

Tgt Ion:152 Resp: 208992
Ion Ratio Lower Upper
152 100
115 62.0 32.0 96.2
150 157.7 0.0 353.0

