

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063199.D
 Acq On : 2 Sep 2020 16:41
 Operator : JC/MD
 Sample : L3889-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-823-825

Quant Time: Sep 03 02:32:02 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	307199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	601584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	587294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	223994	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	248105	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	7.55	113	189198	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	10.06	98	763873	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.38	95	260274	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

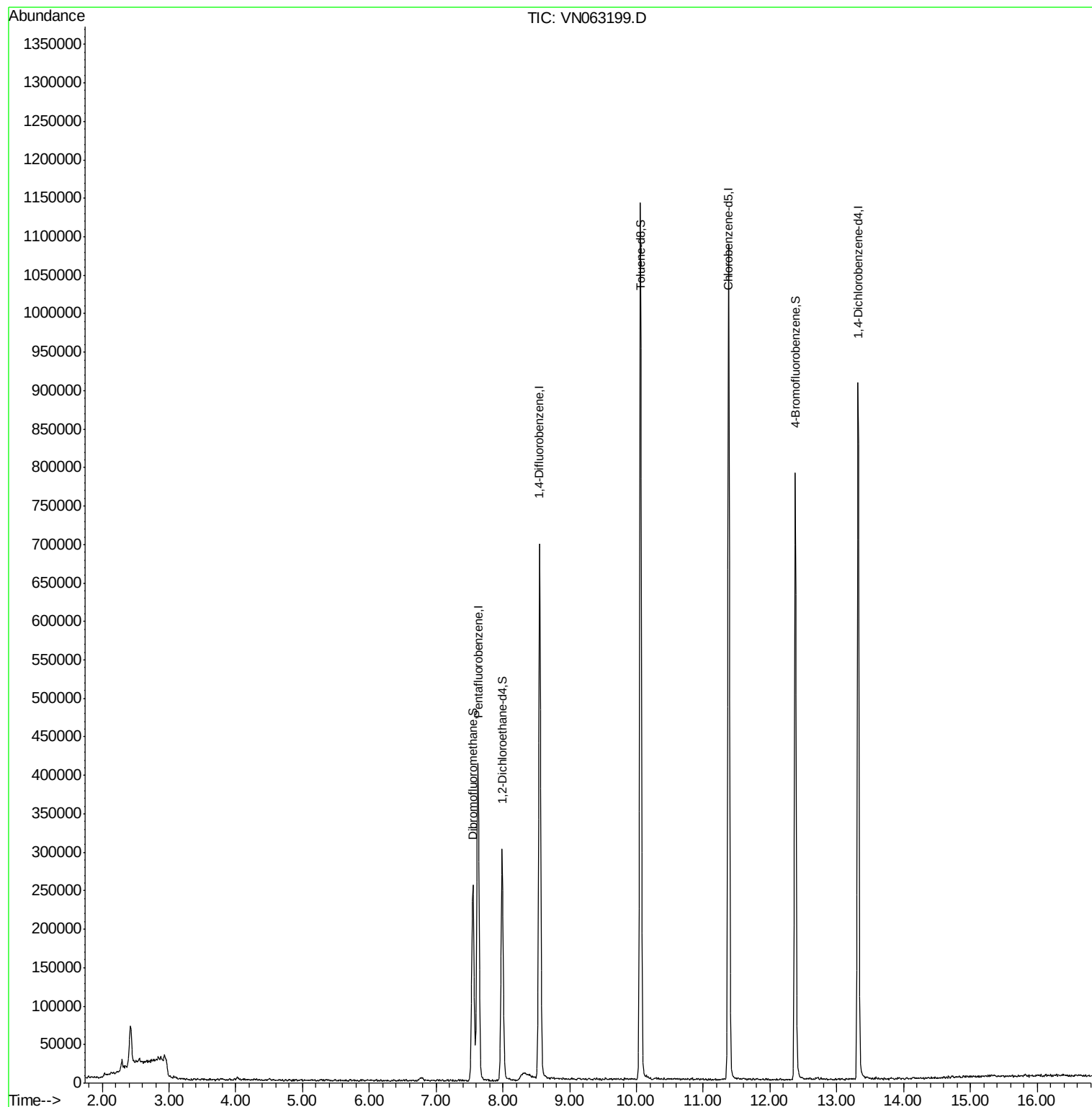
Target Compounds	Qvalue
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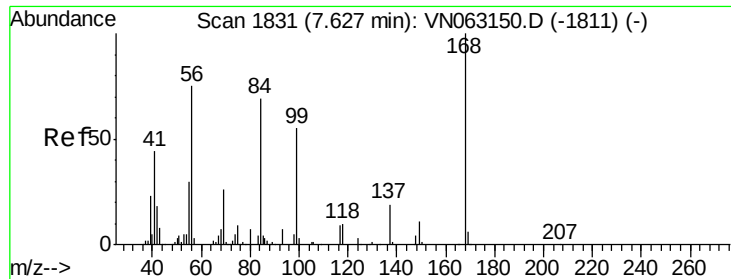
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063199.D

Acq: 2 Sep 2020 16:41

Instrument :

MSVOA_N

ClientSampleId :

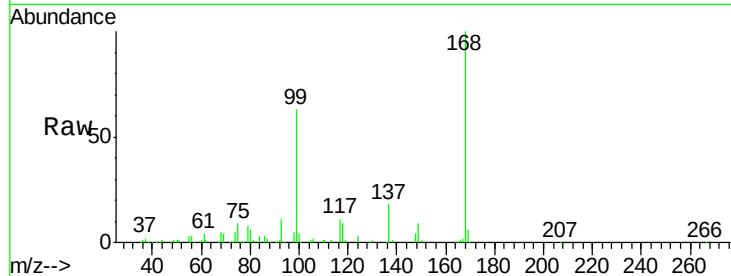
BP-VPB181-GW-823-825

Tot Ion:168 Resp: 307199

Ion Ratio Lower Upper

168 100

99 62.8 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN063199.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN063199.D (-1738) (-)

7.63

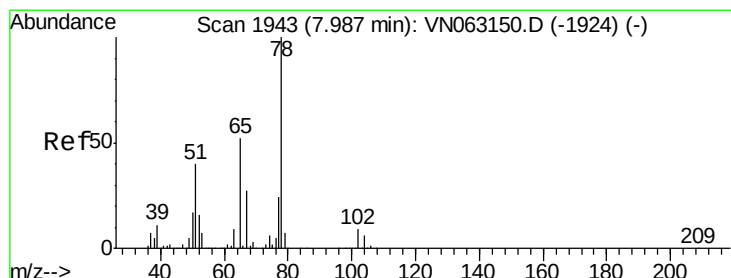
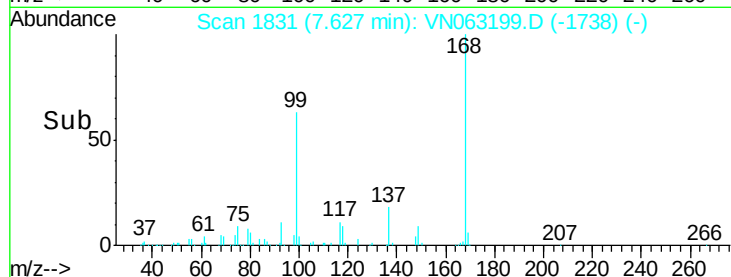
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.406 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063199.D

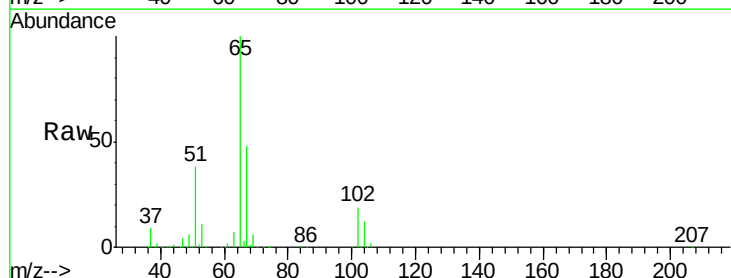
Acq: 2 Sep 2020 16:41

Tgt Ion: 65 Resp: 248105

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063199.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063199.D (-1850) (-)

7.99

120000

100000

80000

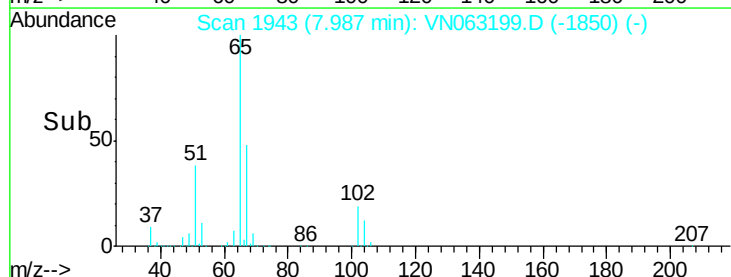
60000

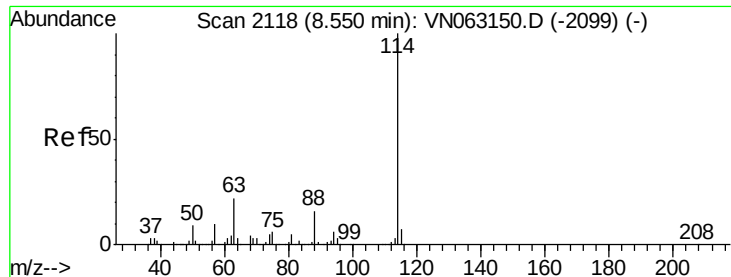
40000

20000

0

Time--> 7.90 8.00 8.10

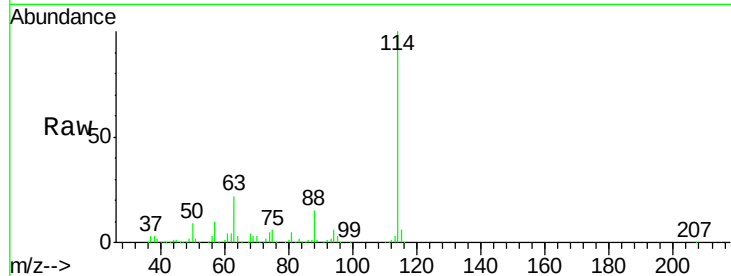




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063199.D
 Acq: 2 Sep 2020 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-823-825

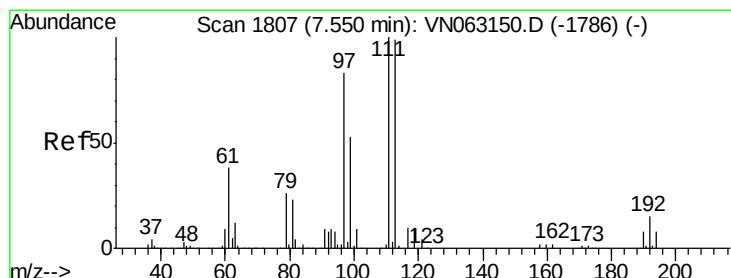
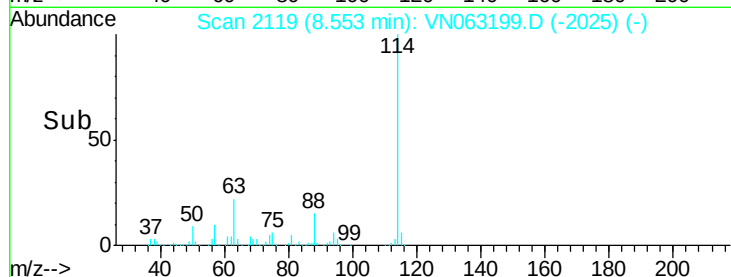
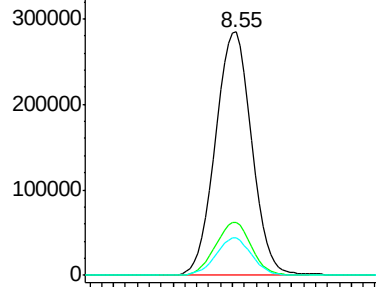
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.0
88	15.2	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

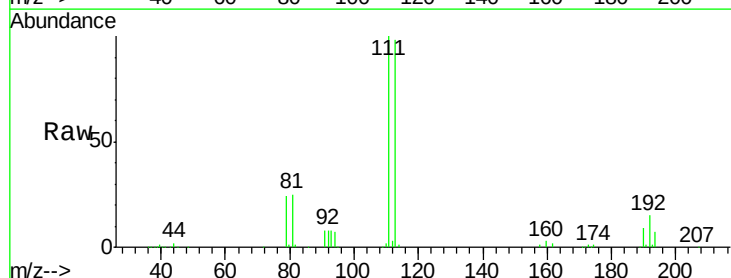
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 49.022 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063199.D
 Acq: 2 Sep 2020 16:41

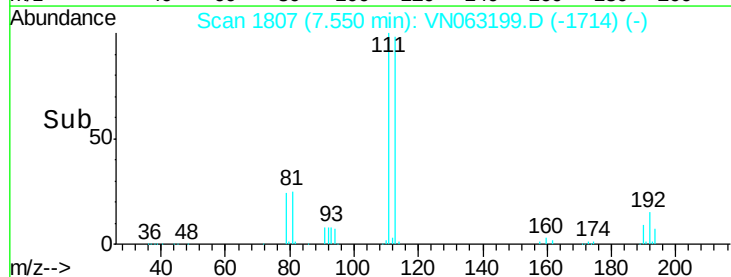
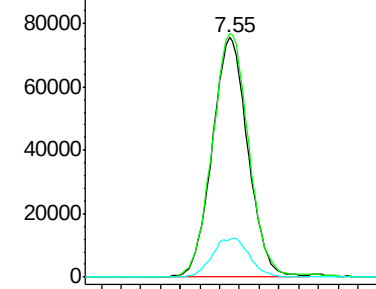
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.7	121.1
192	16.9	12.6	19.0

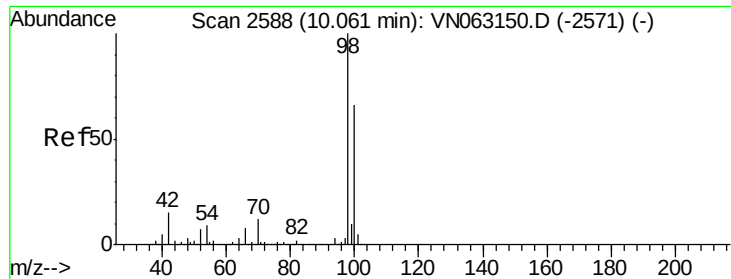


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.421 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063199.D

Acq: 2 Sep 2020 16:41

Instrument :

MSVOA_N

ClientSampleId :

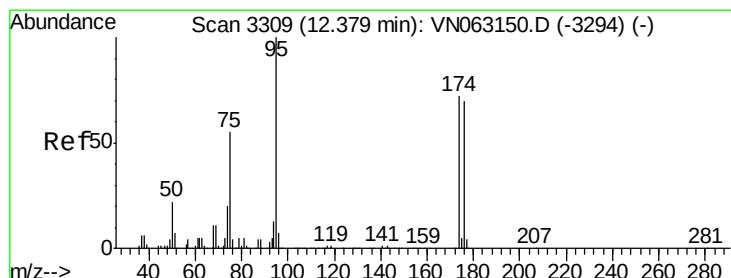
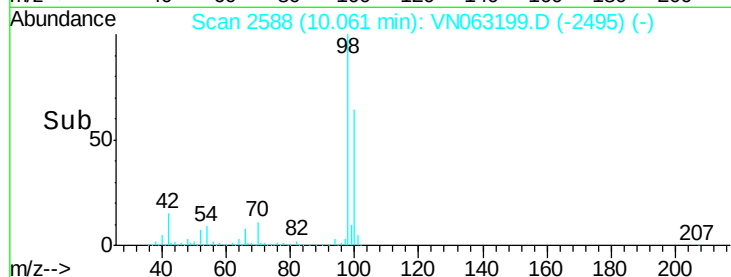
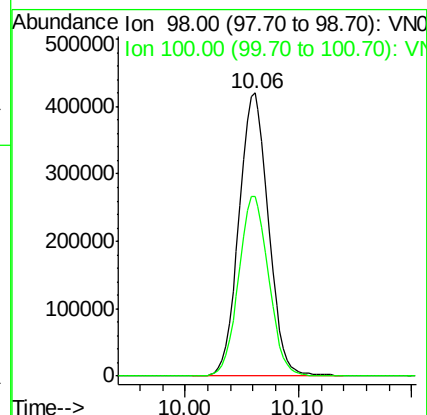
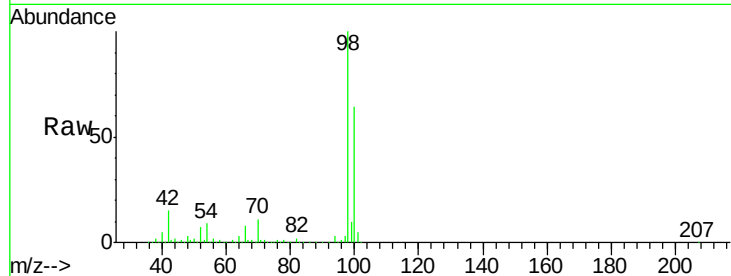
BP-VPB181-GW-823-825

Tot Ion: 98 Resp: 763873

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.087 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063199.D

Acq: 2 Sep 2020 16:41

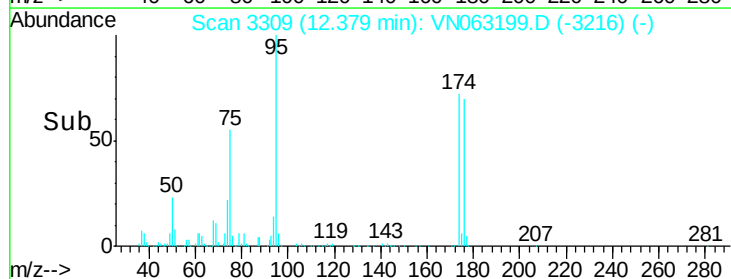
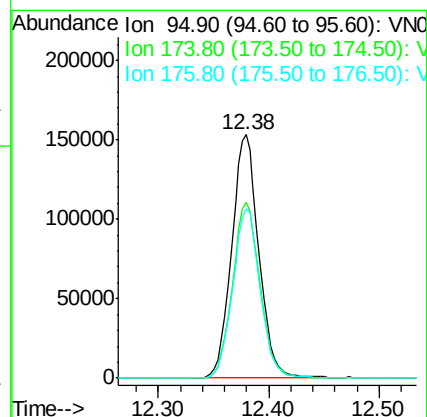
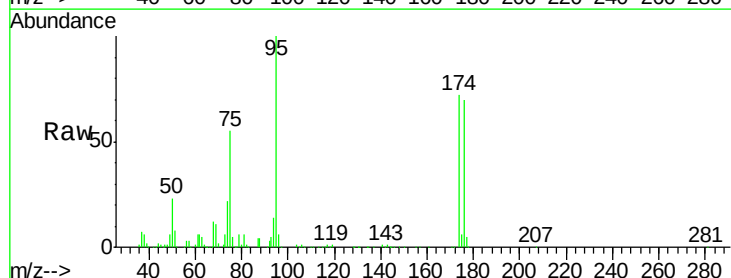
Tgt Ion: 95 Resp: 260274

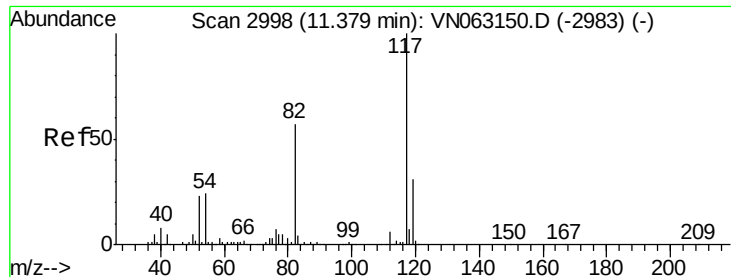
Ion Ratio Lower Upper

95 100

174 73.4 0.0 143.8

176 70.7 0.0 138.4

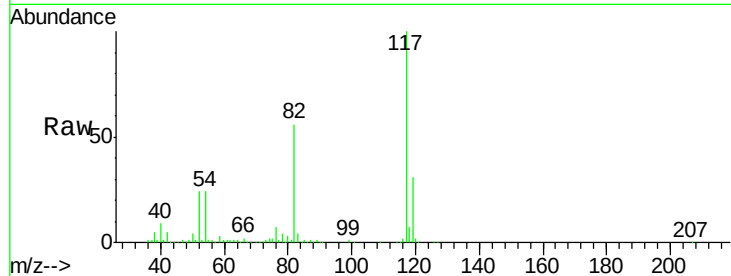




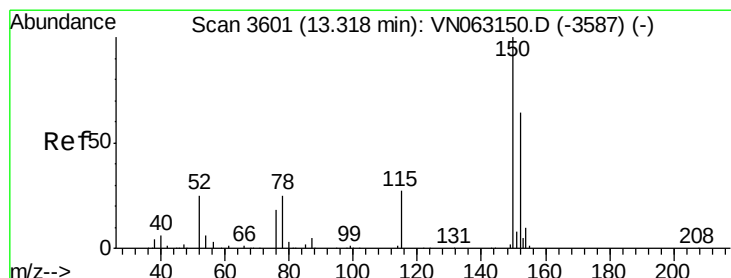
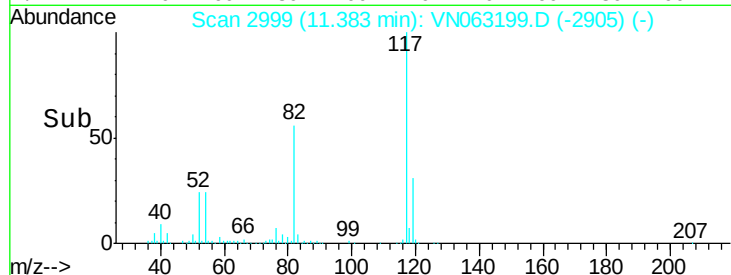
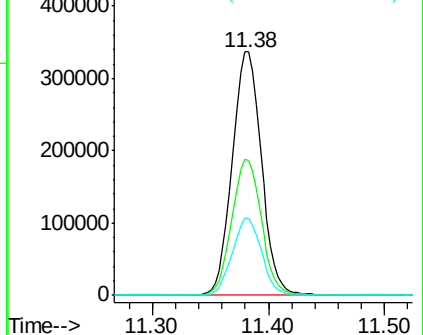
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063199.D
Acq: 2 Sep 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-823-825

Tot Ion:117 Resp: 587294
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 31.5 24.6 37.0

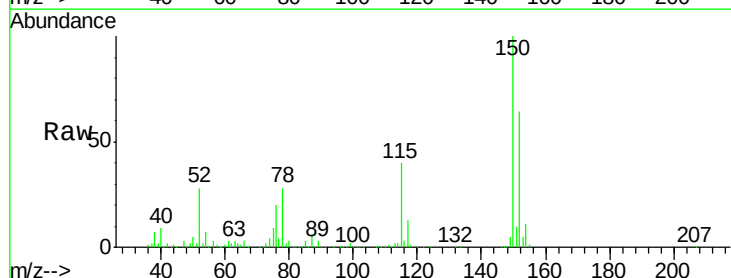


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063199.D
Acq: 2 Sep 2020 16:41

Tgt Ion:152 Resp: 223994
Ion Ratio Lower Upper
152 100
115 62.0 32.0 96.2
150 157.4 0.0 353.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

