

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063210.D
 Acq On : 3 Sep 2020 10:59
 Operator : JC/MD
 Sample : VN0903WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBL01

Quant Time: Sep 04 04:17:03 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	317755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	614105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	597395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	238360	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	249002	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	7.55	113	193188	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	10.06	98	769868	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.38	95	265225	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

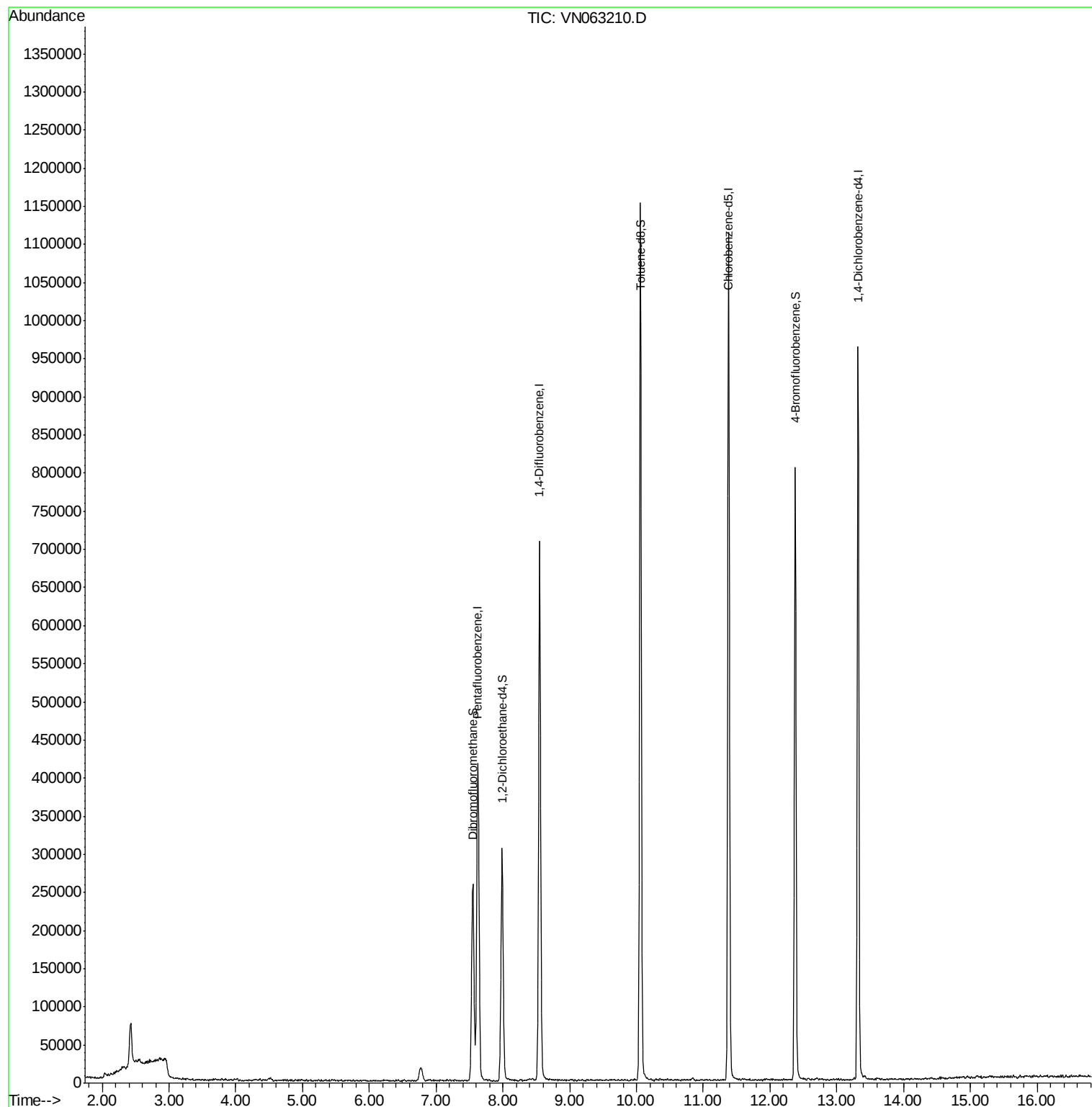
Target Compounds	Qvalue
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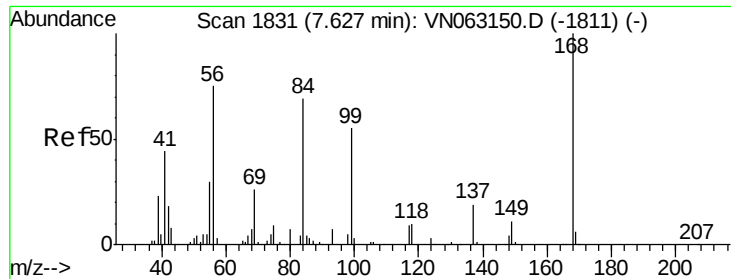
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063210.D

Acq: 3 Sep 2020 10:59

Instrument :

MSVOA_N

ClientSampleId :

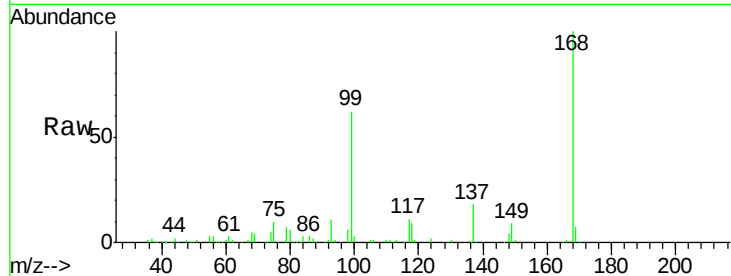
VN0903WBL01

Tot Ion:168 Resp: 317755

Ion Ratio Lower Upper

168 100

99 62.2 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

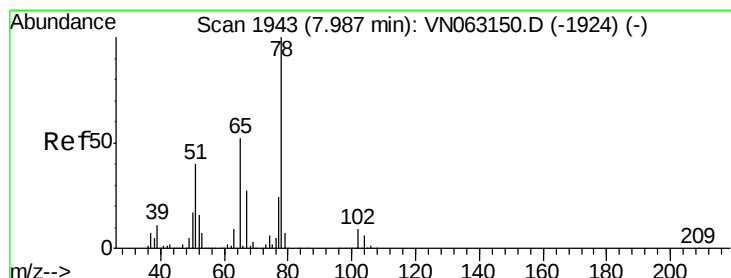
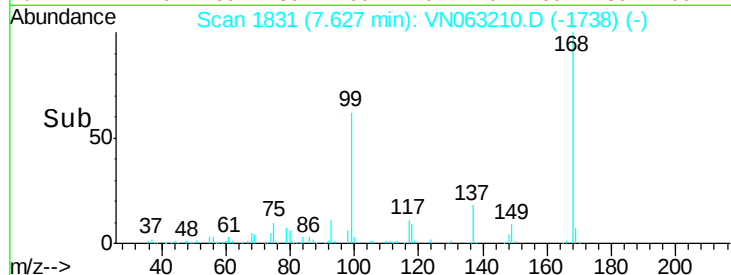
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.937 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063210.D

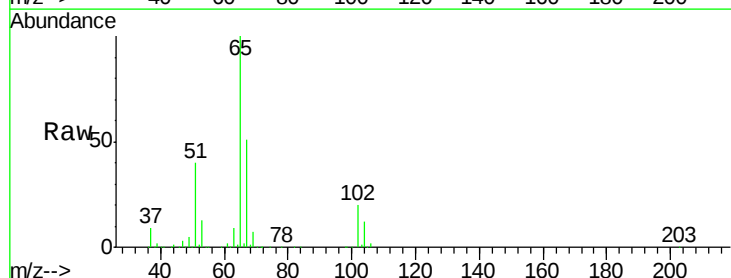
Acq: 3 Sep 2020 10:59

Tgt Ion: 65 Resp: 249002

Ion Ratio Lower Upper

65 100

67 51.2 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

120000

100000

80000

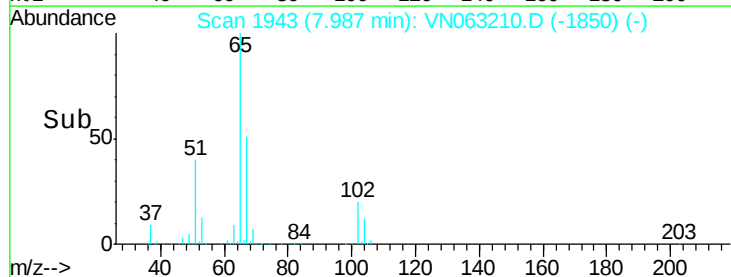
60000

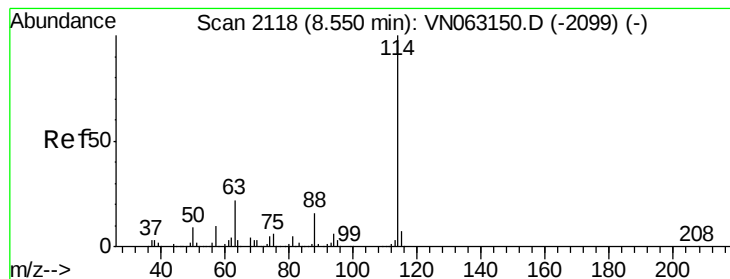
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063210.D

Acq: 3 Sep 2020 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0903WBL01

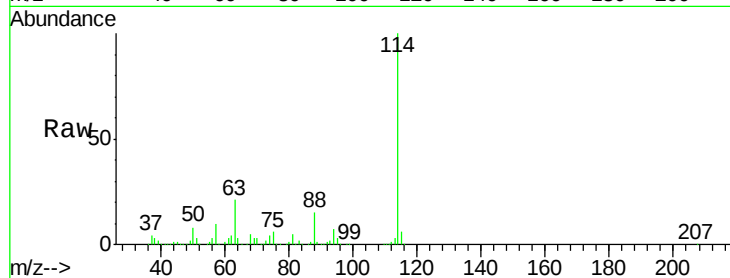
Tot Ion:114 Resp: 614105

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

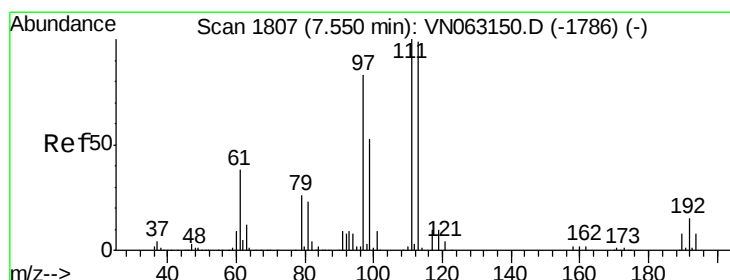
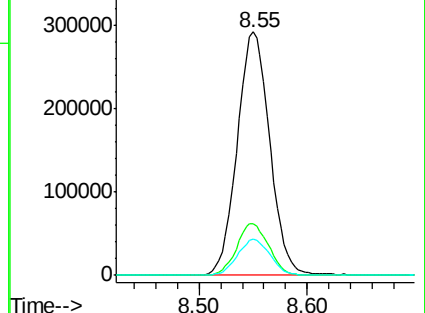
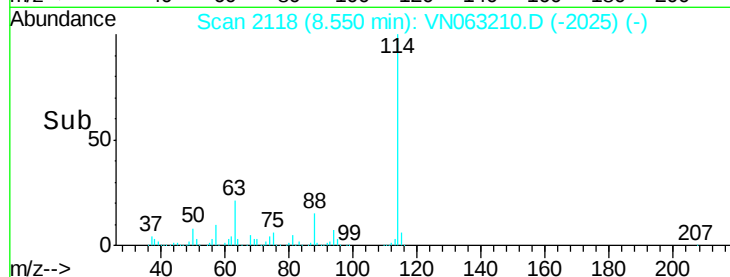
88 14.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.035 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063210.D

Acq: 3 Sep 2020 10:59

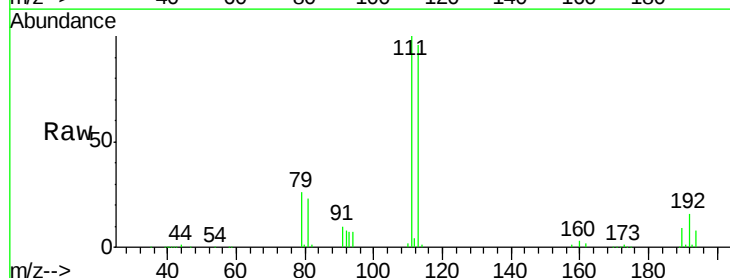
Tgt Ion:113 Resp: 193188

Ion Ratio Lower Upper

113 100

111 102.7 80.7 121.1

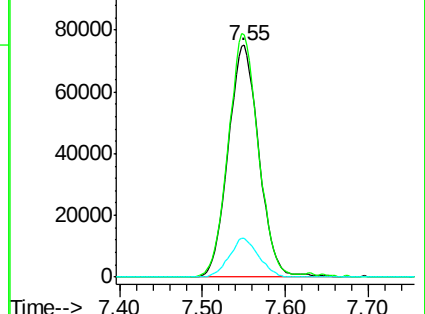
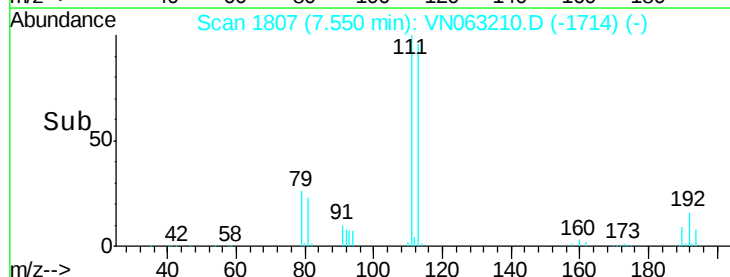
192 16.0 12.6 19.0

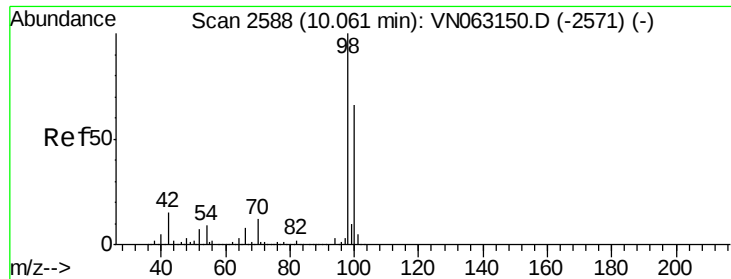


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.768 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063210.D

Acq: 3 Sep 2020 10:59

Instrument :

MSVOA_N

ClientSampleId :

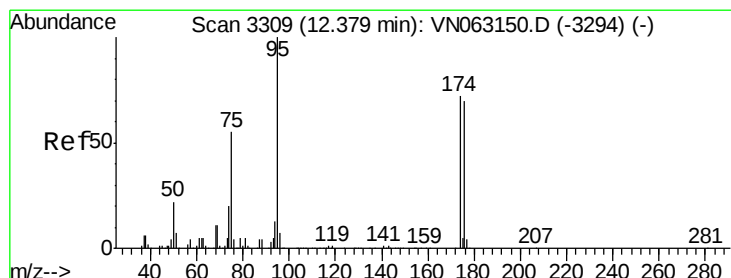
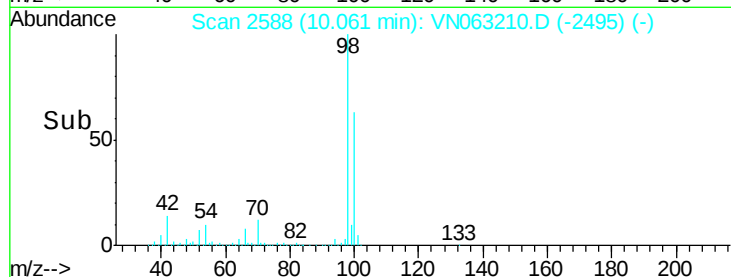
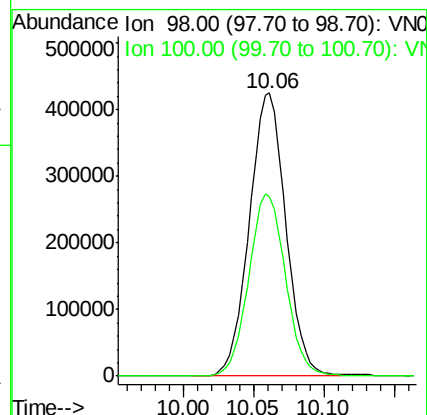
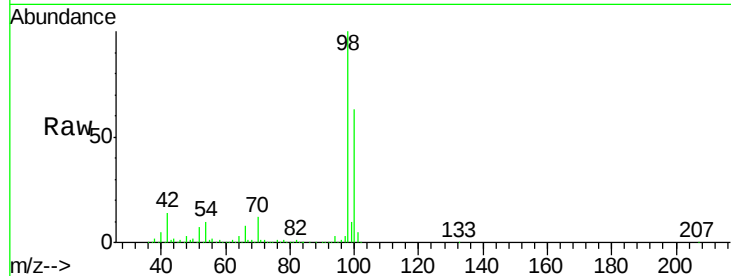
VN0903WBL01

Tot Ion: 98 Resp: 769868

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.999 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063210.D

Acq: 3 Sep 2020 10:59

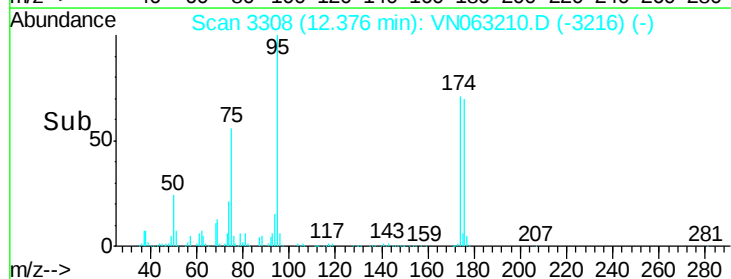
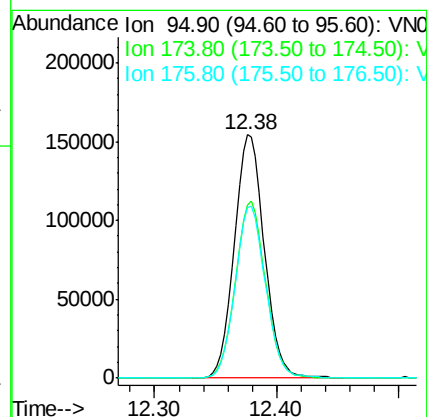
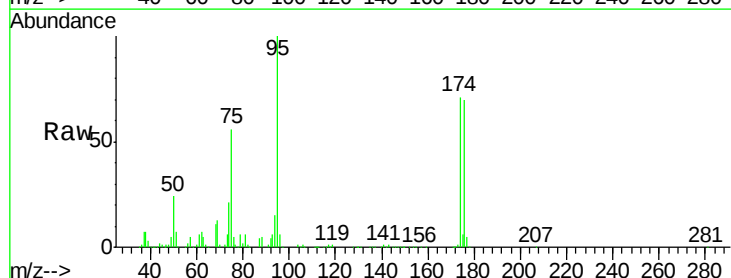
Tgt Ion: 95 Resp: 265225

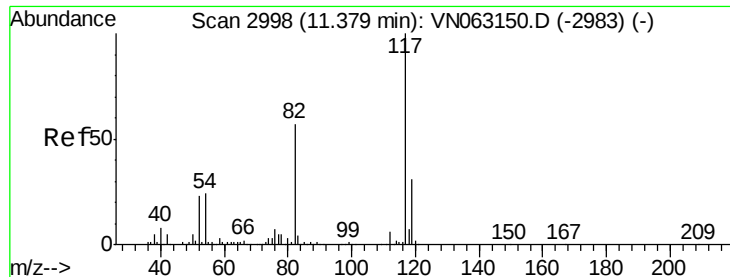
Ion Ratio Lower Upper

95 100

174 72.7 0.0 143.8

176 71.2 0.0 138.4

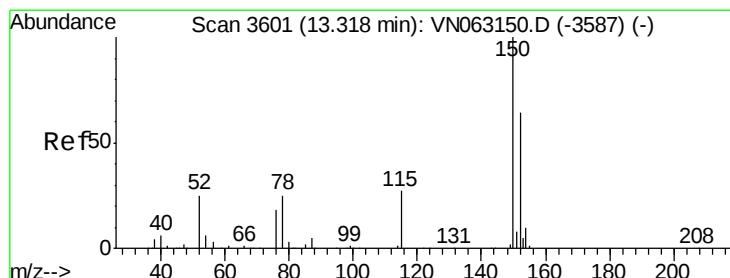
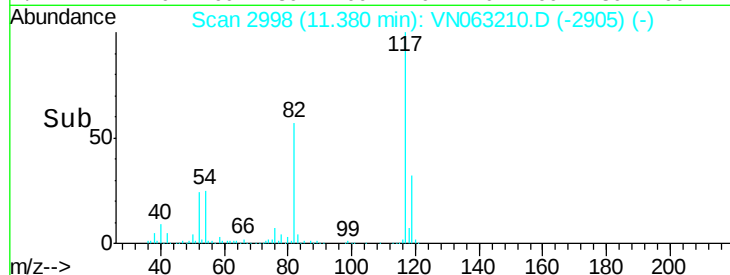
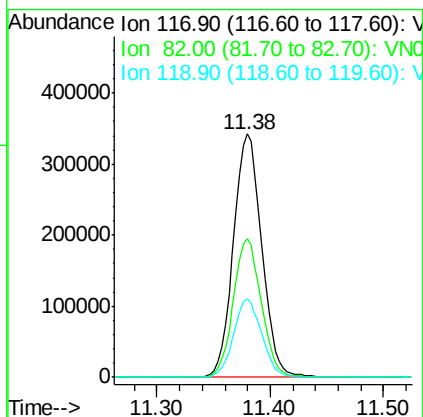
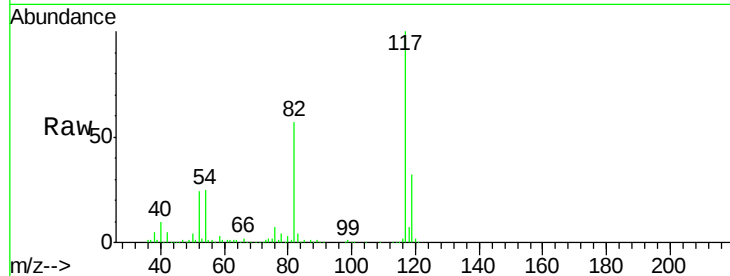




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063210.D
Acq: 3 Sep 2020 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0903WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.4	68.0
119	32.1	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: VN063210.D
Acq: 3 Sep 2020 10:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	32.0	96.2
150	155.0	0.0	353.0

