

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063229.D
 Acq On : 3 Sep 2020 18:48
 Operator : JC/MD
 Sample : L3902-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131D-20200901

Quant Time: Sep 04 08:13:04 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

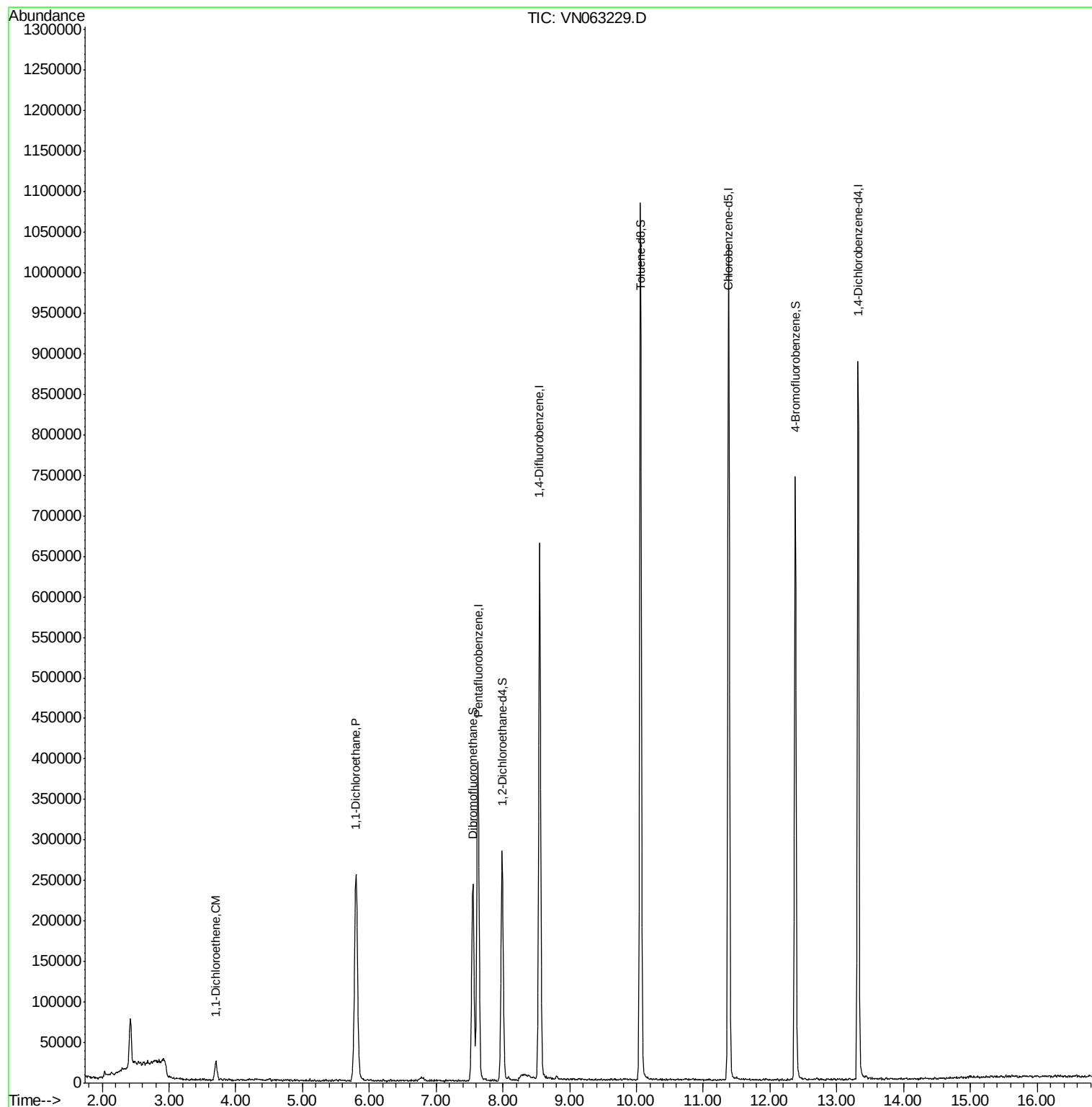
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	294558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	563986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	236235	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	7.55	113	180105	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.06	98	727648	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.38	95	247490	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
12) 1,1-Dichloroethene	3.70	96	11466	3.548	ug/l	89
24) 1,1-Dichloroethane	5.80	63	383430	54.076	ug/l	99

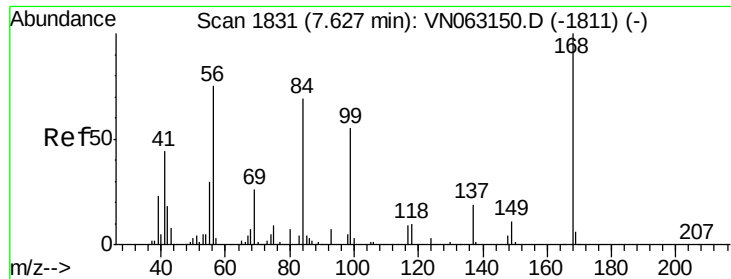
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

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MSVOA_N

ClientSampleId :

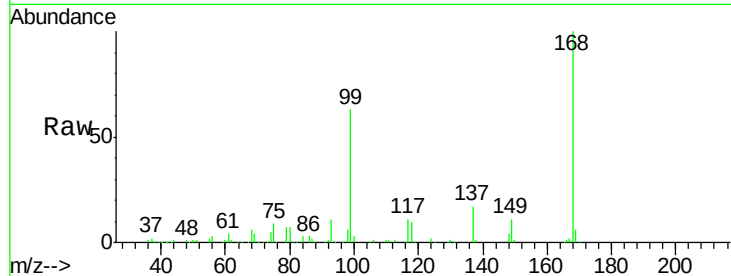
SA-MW131D-20200901

Tot Ion:168 Resp: 294558

Ion Ratio Lower Upper

168 100

99 63.4 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

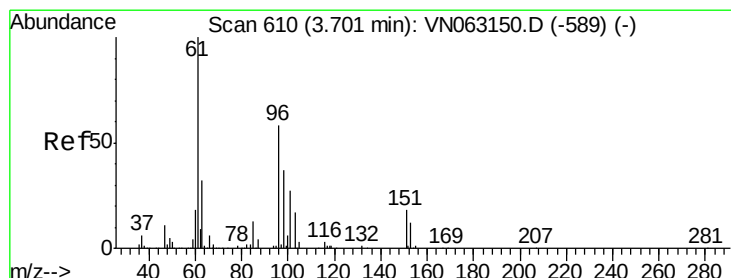
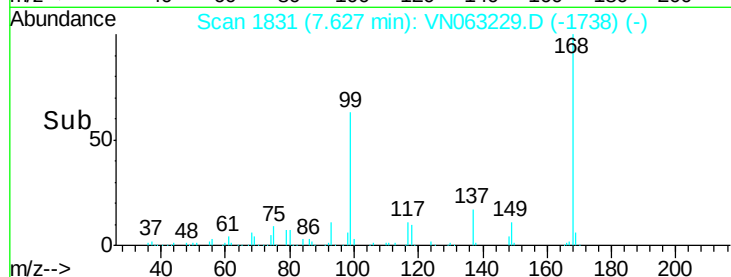
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#12

1,1-Dichloroethene

Concen: 3.548 ug/l

RT: 3.70 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN063229.D

Acq: 3 Sep 2020 18:48

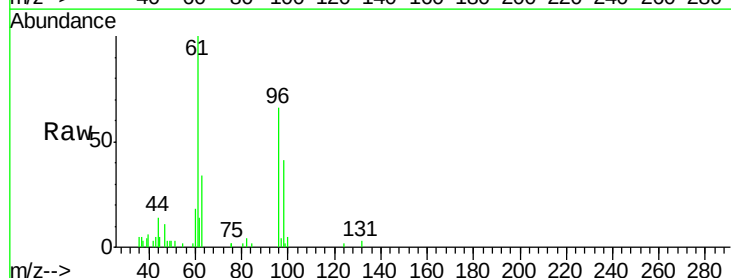
Tgt Ion: 96 Resp: 11466

Ion Ratio Lower Upper

96 100

61 152.2 137.4 206.2

98 61.8 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

10000

8000

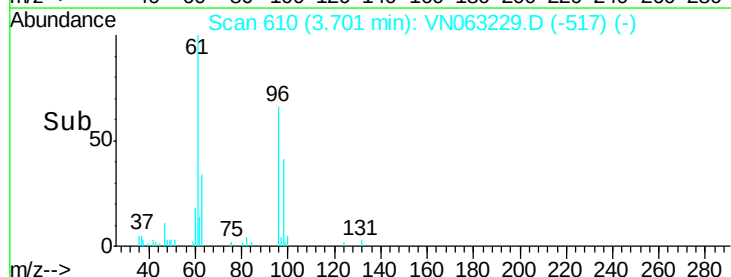
6000

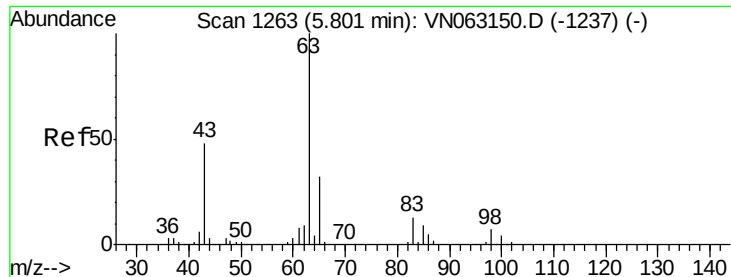
4000

2000

0

Time--> 3.65 3.70 3.75

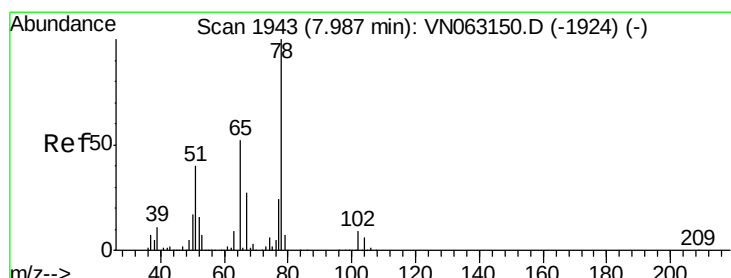
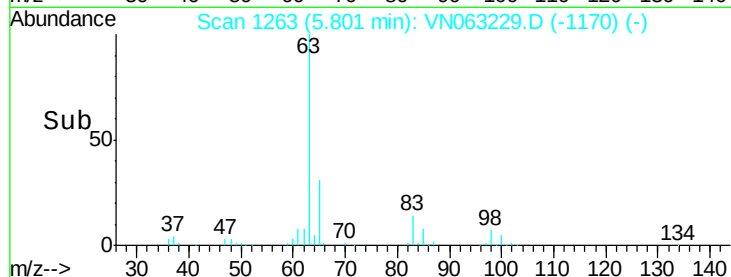
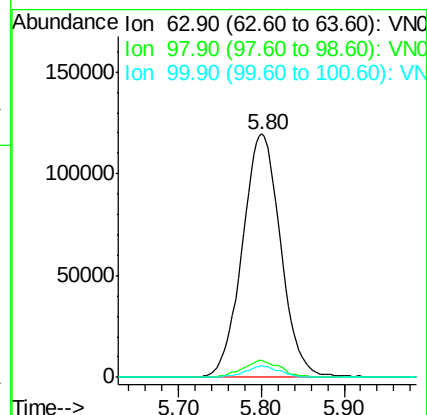
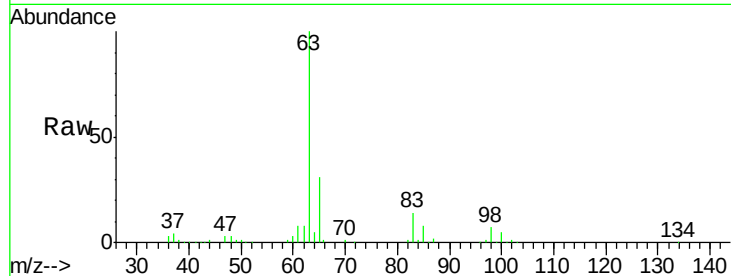




#24
 1,1-Dichloroethane
 Concen: 54.076 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: VN063229.D
 Acq: 3 Sep 2020 18:48

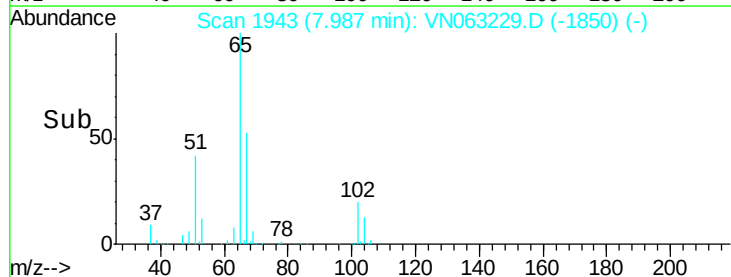
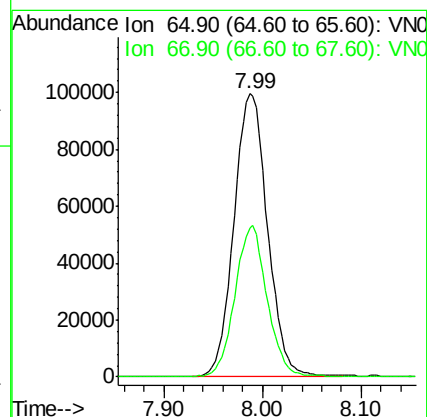
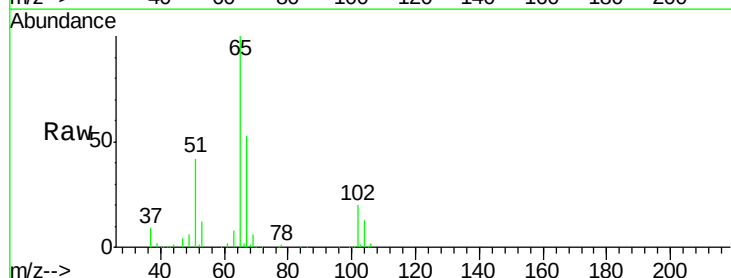
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131D-20200901

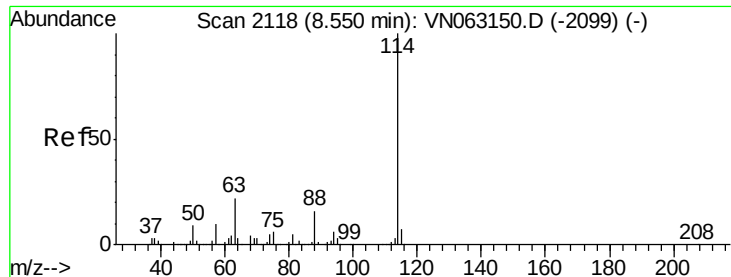
Tot Ion: 63 Resp: 383430
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.7 2.3 6.8



#33
 1,2-Dichloroethane-d4
 Concen: 49.061 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063229.D
 Acq: 3 Sep 2020 18:48

Tgt Ion: 65 Resp: 236235
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063229.D

Acq: 3 Sep 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131D-20200901

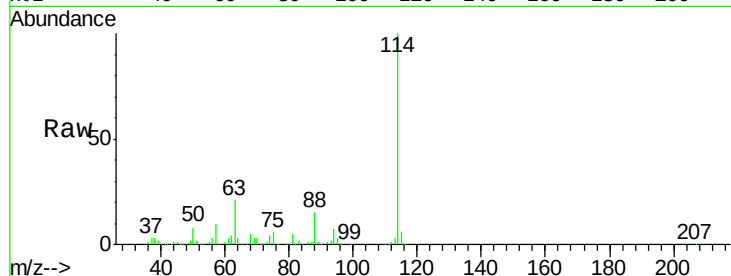
Tot Ion:114 Resp: 563986

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

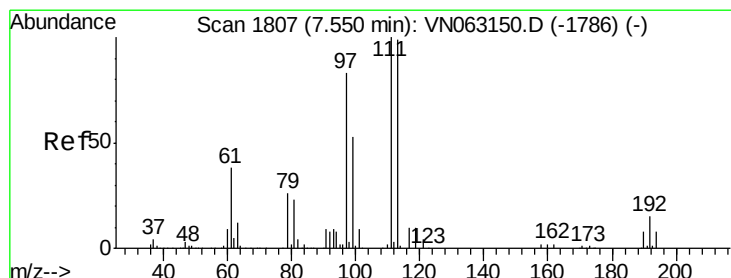
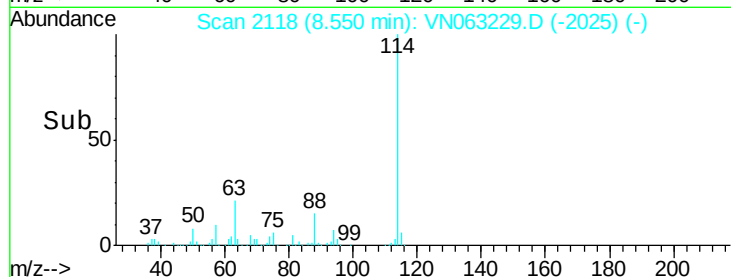
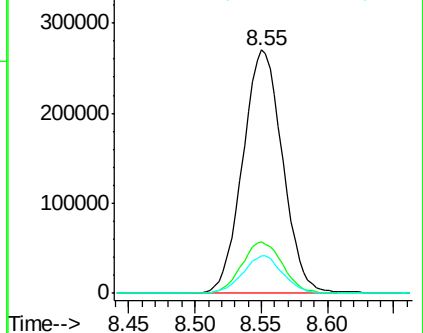
88 15.4 0.0 31.6



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: 49.777 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VN063229.D

Acq: 3 Sep 2020 18:48

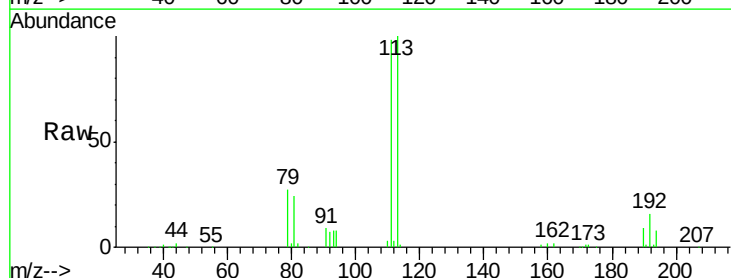
Tgt Ion:113 Resp: 180105

Ion Ratio Lower Upper

113 100

111 104.7 80.7 121.1

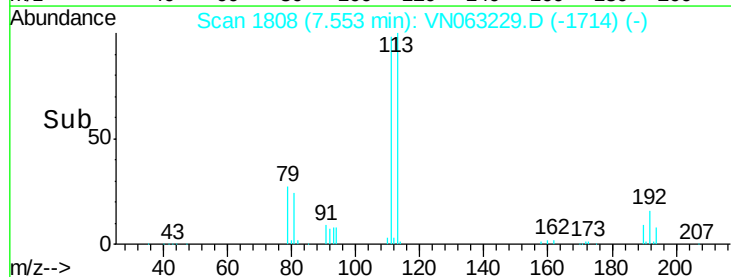
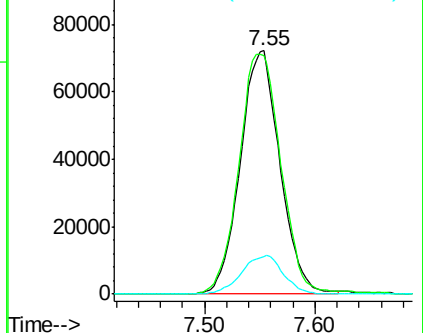
192 16.6 12.6 19.0

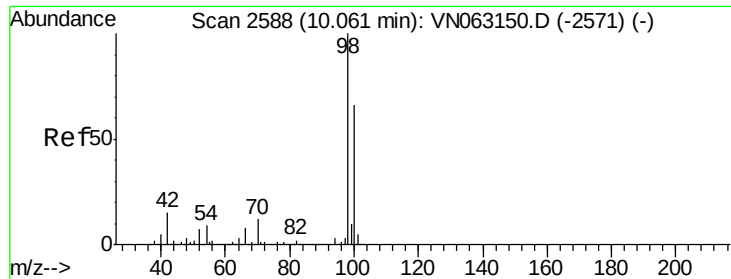


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.248 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063229.D

Acq: 3 Sep 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

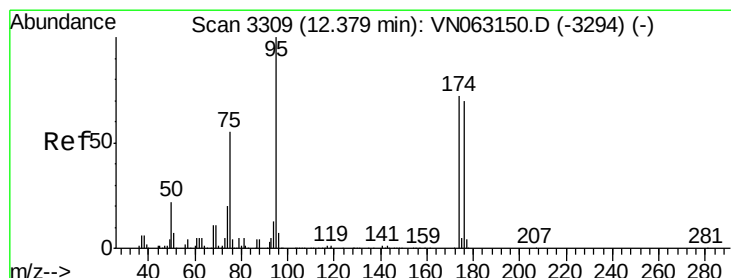
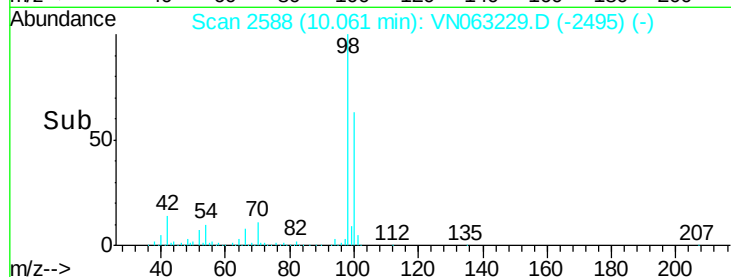
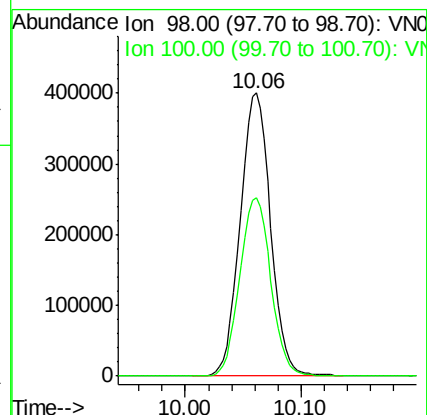
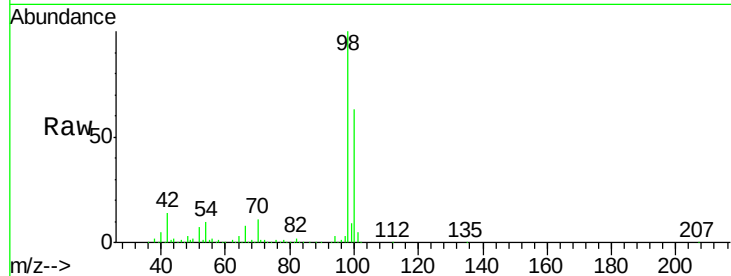
SA-MW131D-20200901

Tot Ion: 98 Resp: 727648

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.802 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. -0.00 min

Lab File: VN063229.D

Acq: 3 Sep 2020 18:48

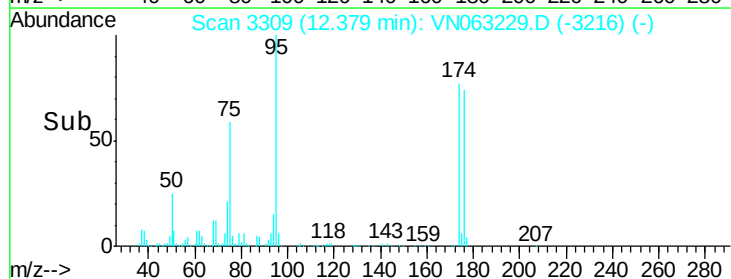
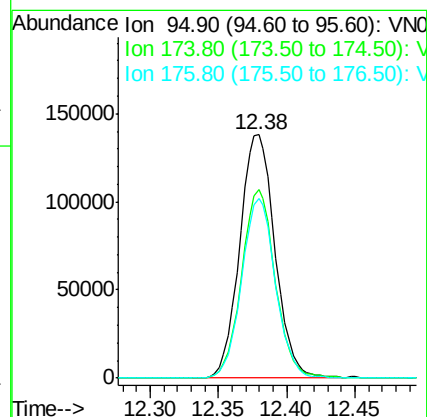
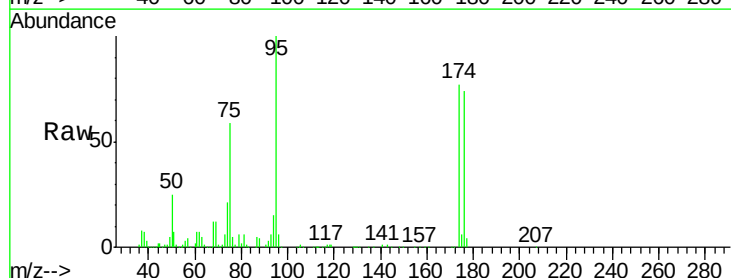
Tgt Ion: 95 Resp: 247490

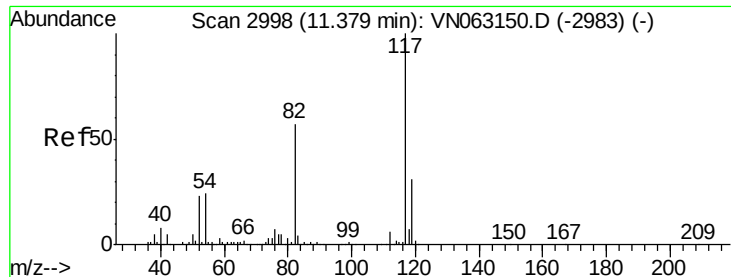
Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.8

176 70.9 0.0 138.4

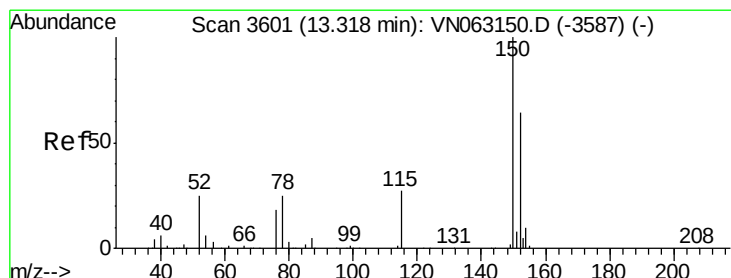
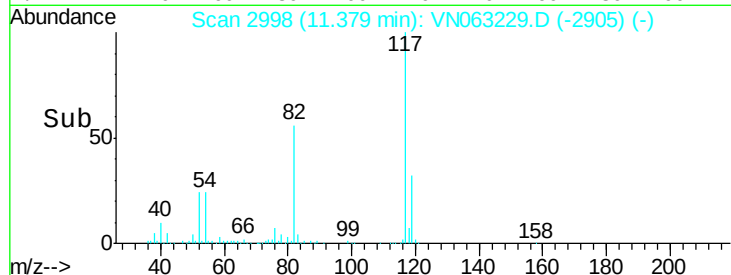
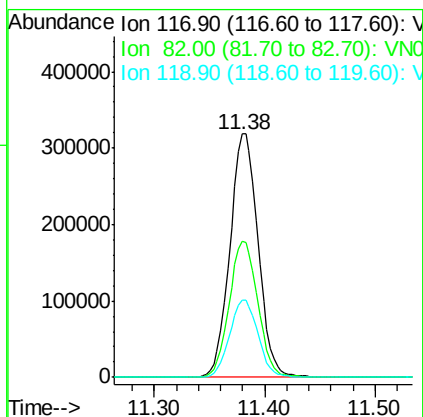
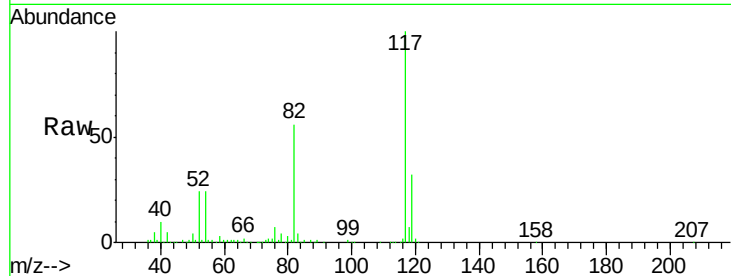




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063229.D
Acq: 3 Sep 2020 18:48

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131D-20200901

Tot Ion:117 Resp: 565261
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063229.D
Acq: 3 Sep 2020 18:48

Tgt Ion:152 Resp: 216176
Ion Ratio Lower Upper
152 100
115 61.2 32.0 96.2
150 159.7 0.0 353.0

