

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063224.D
 Acq On : 3 Sep 2020 16:48
 Operator : JC/MD
 Sample : L3902-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184S-20200901

Quant Time: Sep 04 04:54:24 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

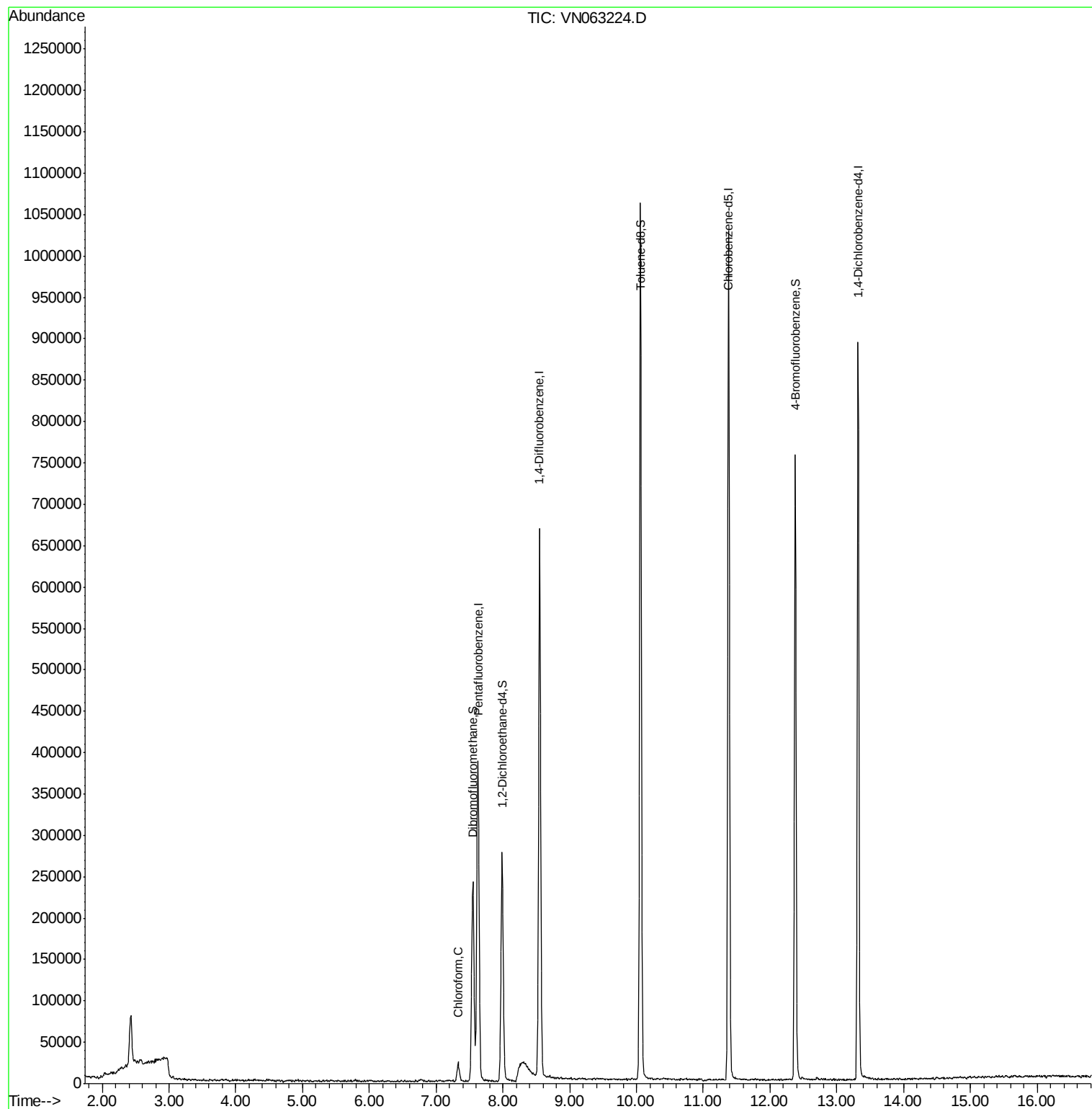
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	288234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	574870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	559086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	231106	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
35) Dibromofluoromethane	7.55	113	181859	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.06	98	718333	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.38	95	245451	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
30) Chloroform	7.33	83	20009	2.756	ug/l #	Qvalue 82

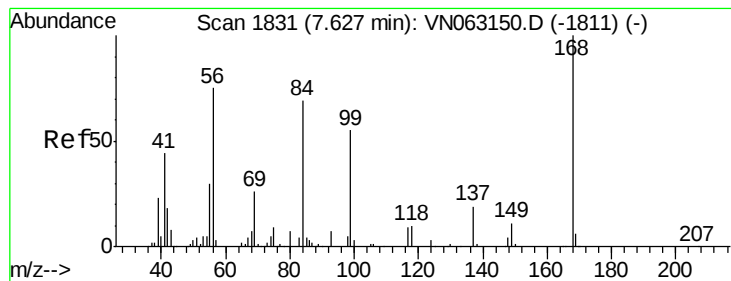
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090320\
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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: VN063224.D

Acq: 3 Sep 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

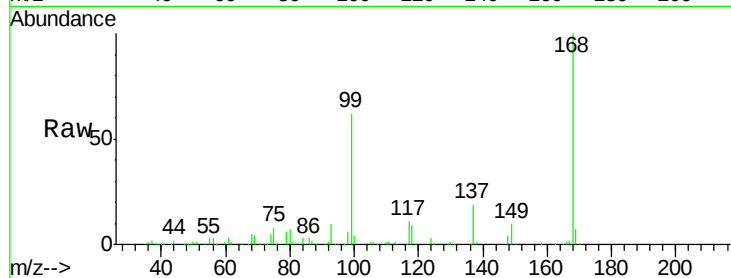
SA-MW184S-20200901

Tot Ion:168 Resp: 288234

Ion Ratio Lower Upper

168 100

99 62.4 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

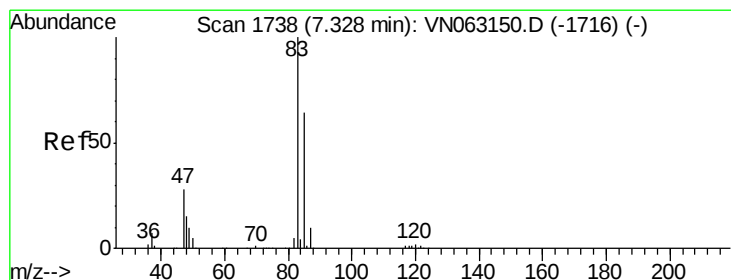
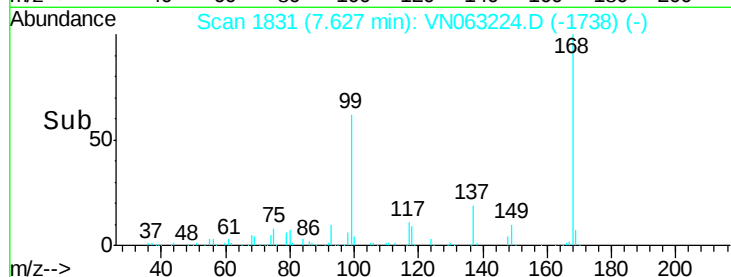
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#30

Chloroform

Concen: 2.756 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063224.D

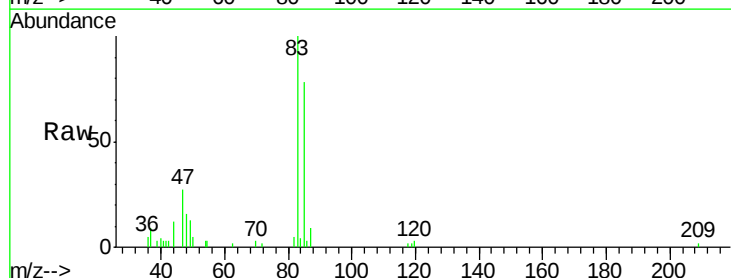
Acq: 3 Sep 2020 16:48

Tgt Ion: 83 Resp: 20009

Ion Ratio Lower Upper

83 100

85 77.9 51.0 76.6#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

7.33

8000

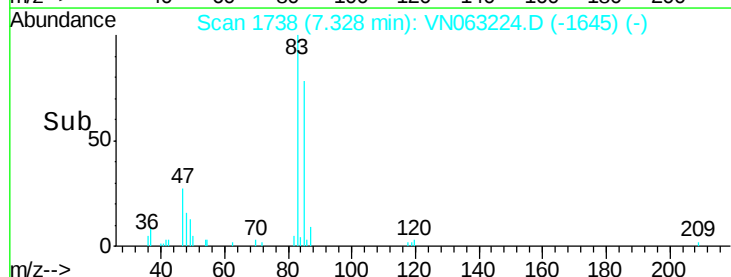
6000

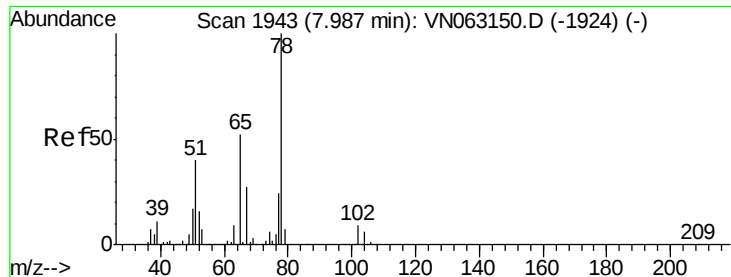
4000

2000

0

Time--> 7.25 7.30 7.35 7.40





#33

1,2-Dichloroethane-d4

Concen: 49.049 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063224.D

Acq: 3 Sep 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

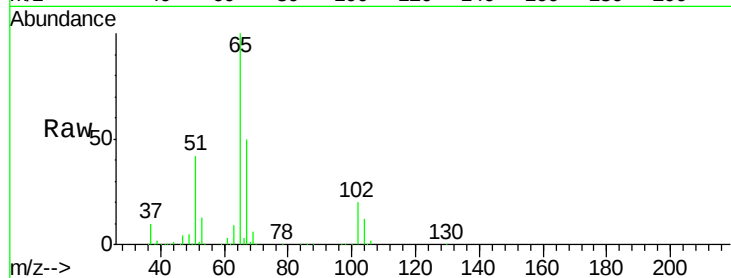
SA-MW184S-20200901

Tot Ion: 65 Resp: 231106

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063224.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063224.D (-1850) (-)

7.99

100000

80000

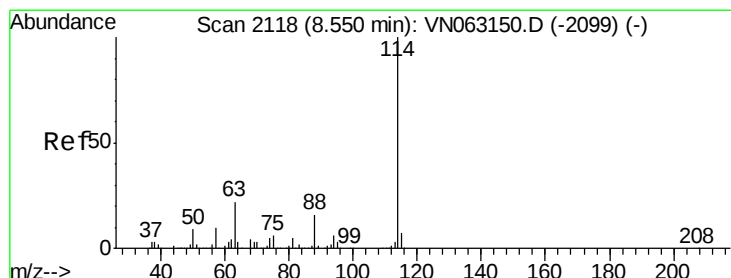
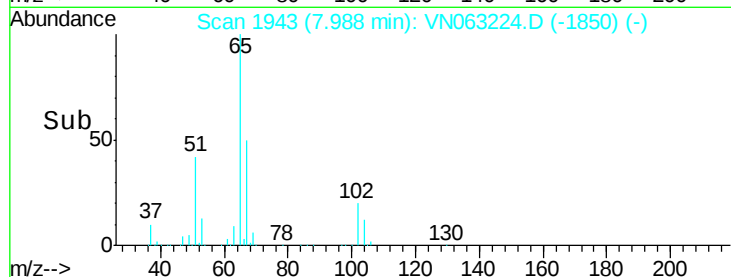
60000

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: VN063224.D

Acq: 3 Sep 2020 16:48

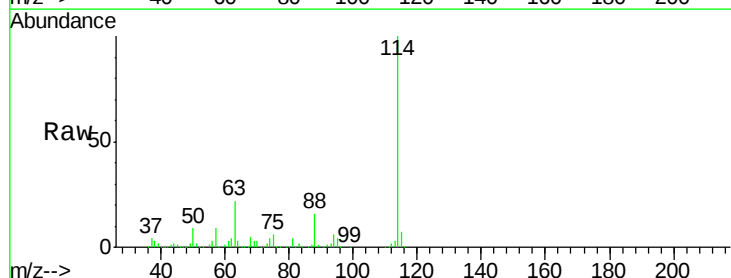
Tgt Ion: 114 Resp: 574870

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063224.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063224.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063224.D (-2025) (-)

8.55

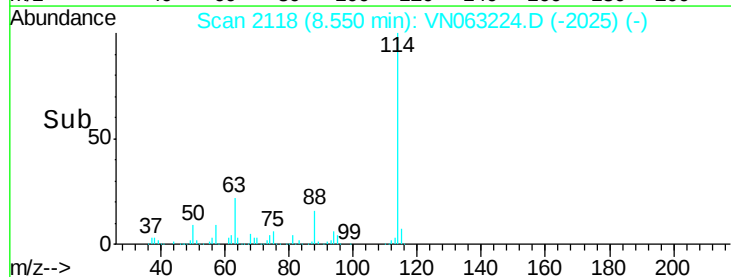
300000

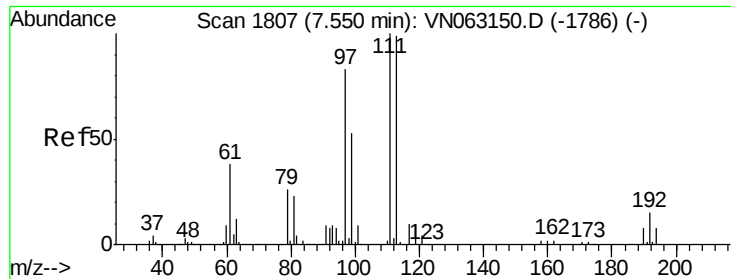
200000

100000

0

Time-->

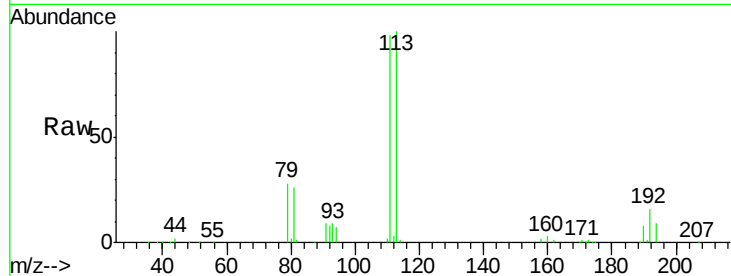




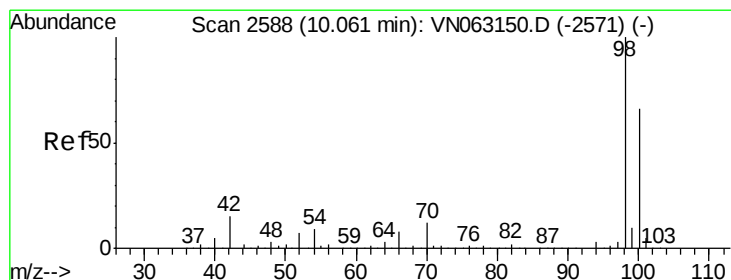
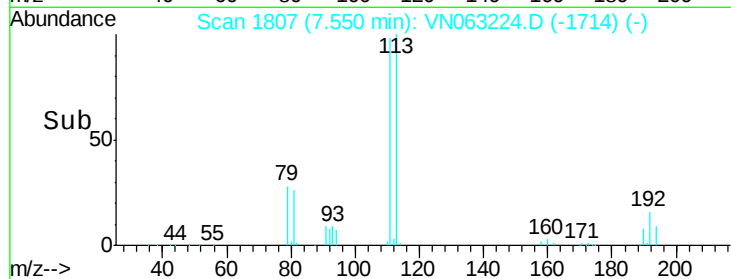
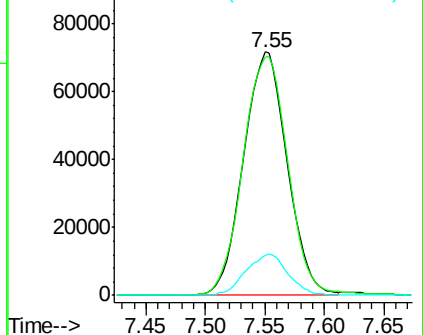
#35
Dibromofluoromethane
Concen: 49.310 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063224.D
Acq: 3 Sep 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184S-20200901

Tot Ion:113 Resp: 181859
Ion Ratio Lower Upper
113 100
111 101.9 80.7 121.1
192 16.4 12.6 19.0

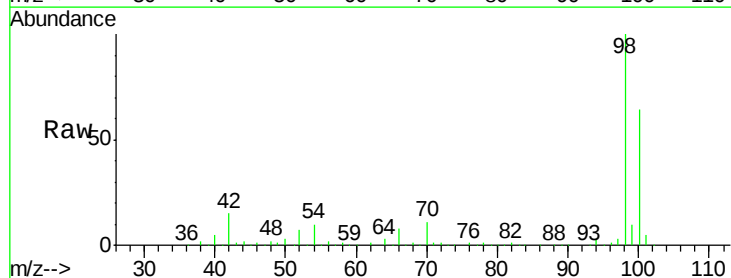


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

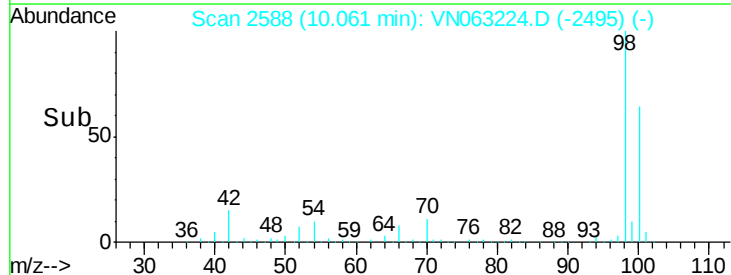
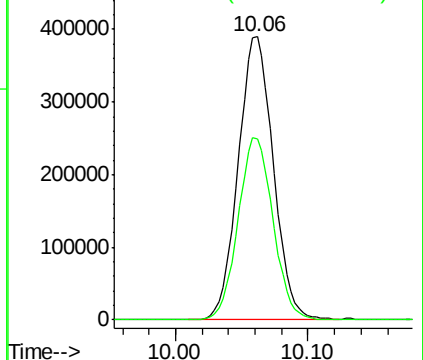


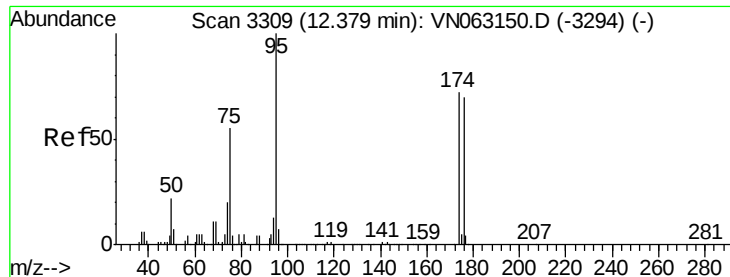
#50
Toluene-d8
Concen: 50.603 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063224.D
Acq: 3 Sep 2020 16:48

Tgt Ion: 98 Resp: 718333
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

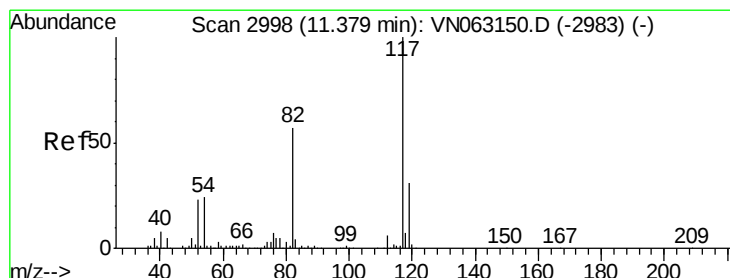
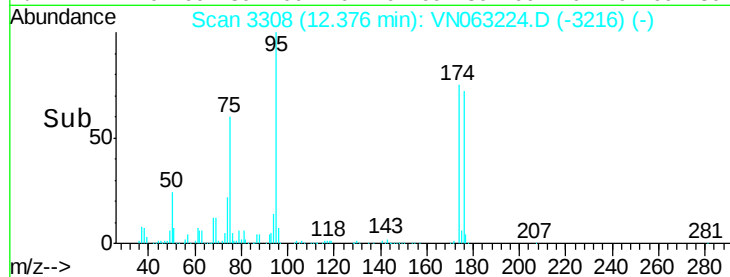
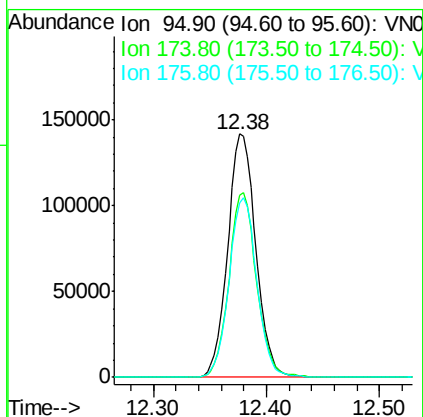
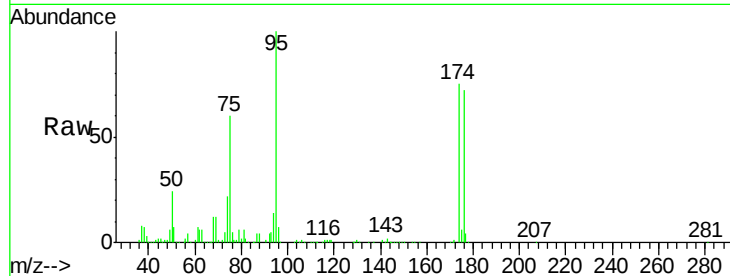




#62
4-Bromofluorobenzene
Concen: 49.430 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063224.D
Acq: 3 Sep 2020 16:48

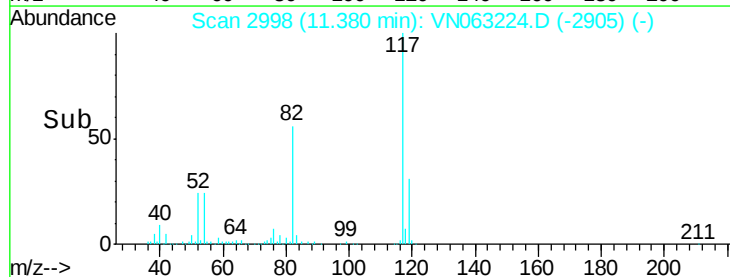
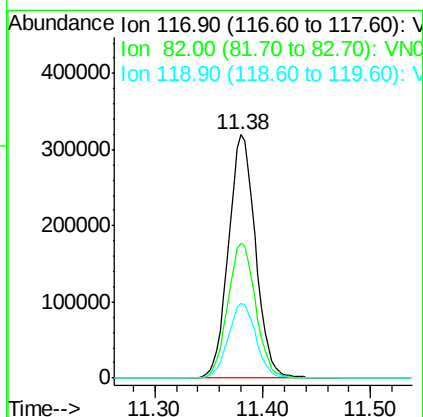
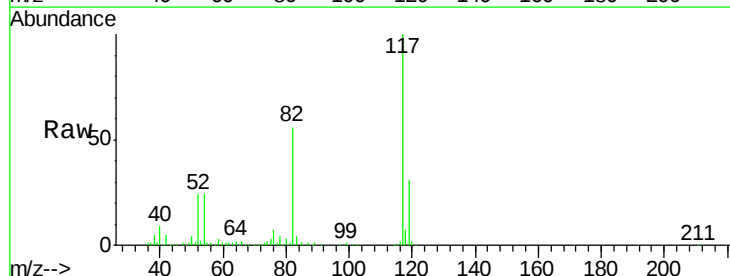
Instrument :
MSVOA_N
ClientSampleId :
SA-MW184S-20200901

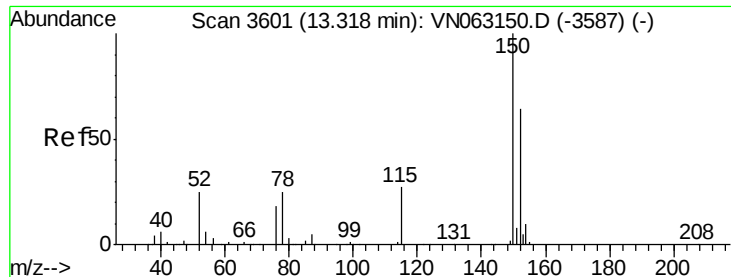
Tot Ion: 95 Resp: 245451
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 72.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063224.D
Acq: 3 Sep 2020 16:48

Tgt Ion: 117 Resp: 559086
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 30.8 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: VN063224.D

Acq: 3 Sep 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184S-20200901

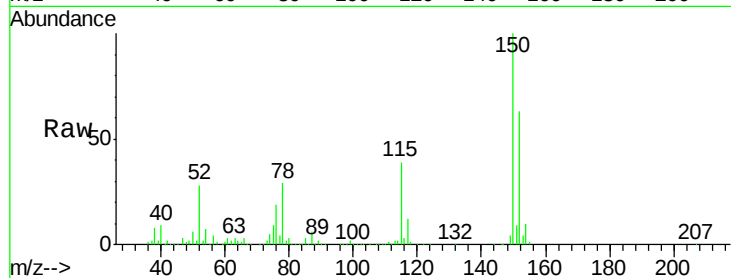
Tot Ion:152 Resp: 215332

Ion Ratio Lower Upper

152 100

115 61.2 32.0 96.2

150 159.1 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

