

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061433.D
 Acq On : 18 May 2020 14:40
 Operator : JC/MD
 Sample : VN0518WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBL01

Quant Time: May 18 18:25:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	281143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	527099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194255	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	207826	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.54	113	151624	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
50) Toluene-d8	10.06	98	658971	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.37	95	238137	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

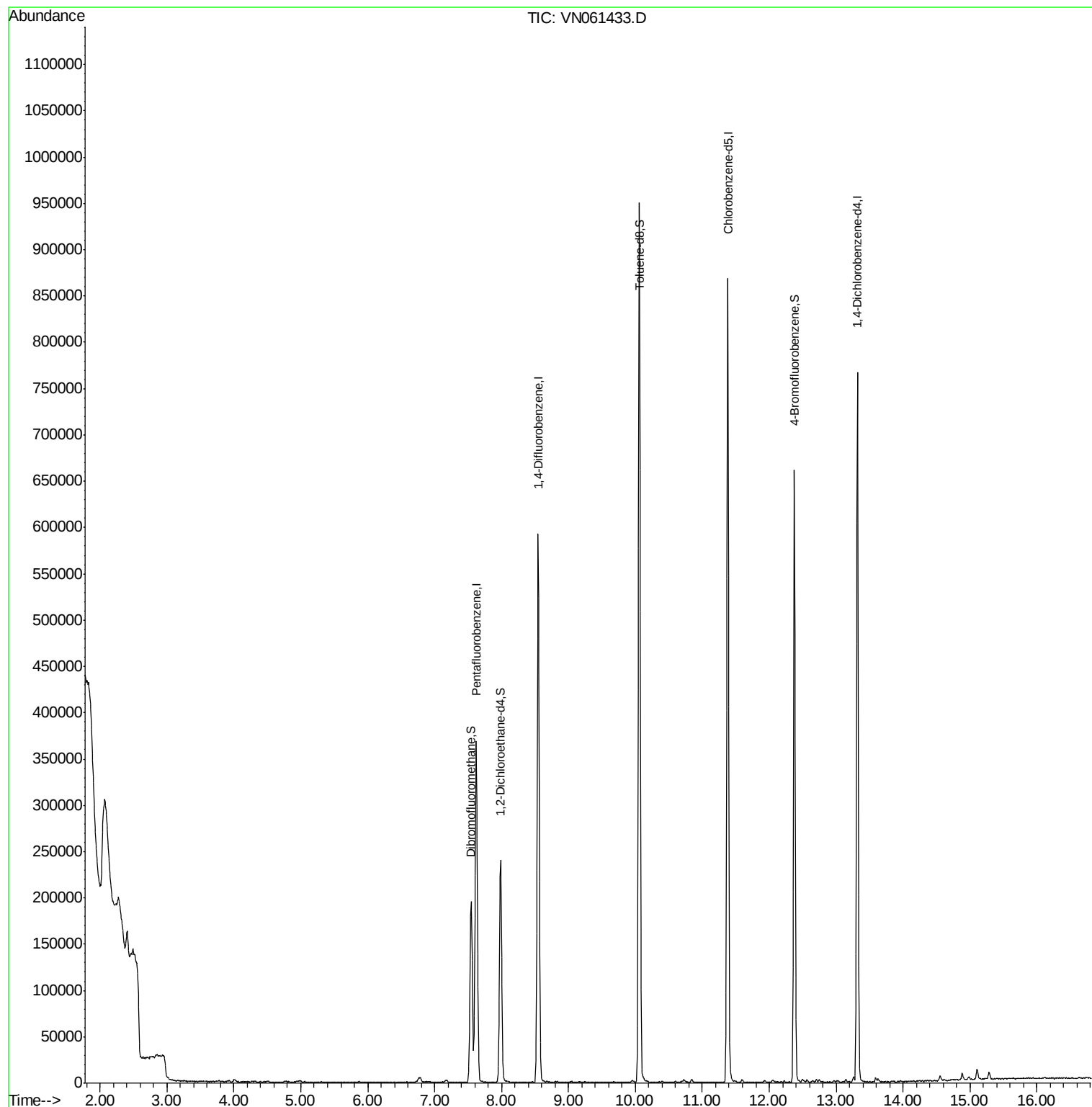
Target Compounds	Qvalue

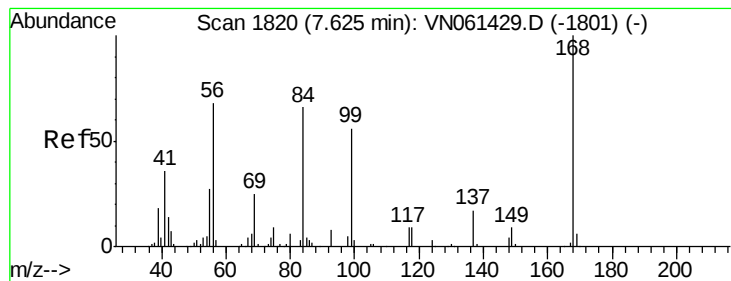
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051820\
Data File : VN061433.D
Acq On : 18 May 2020 14:40
Operator : JC/MD
Sample : VN0518WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBL01

Quant Time: May 18 18:25:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

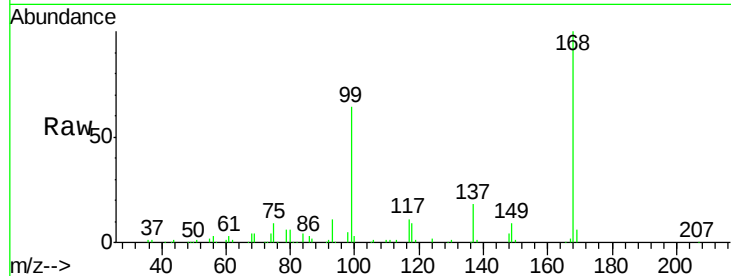
VN0518WBL01

Tot Ion:168 Resp: 281143

Ion Ratio Lower Upper

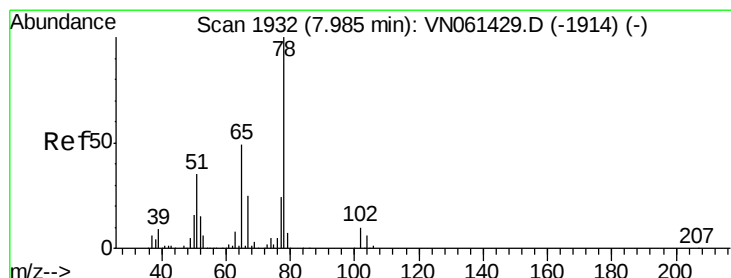
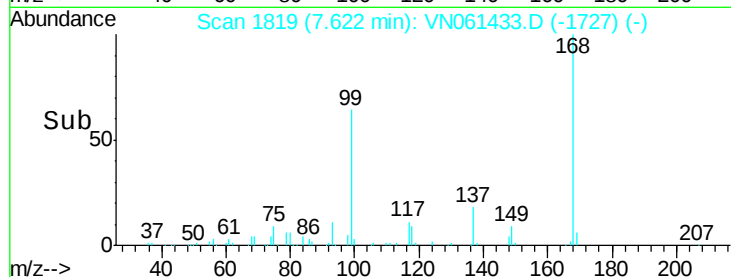
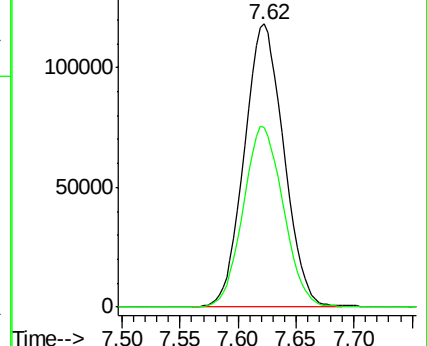
168 100

99 63.5 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.530 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061433.D

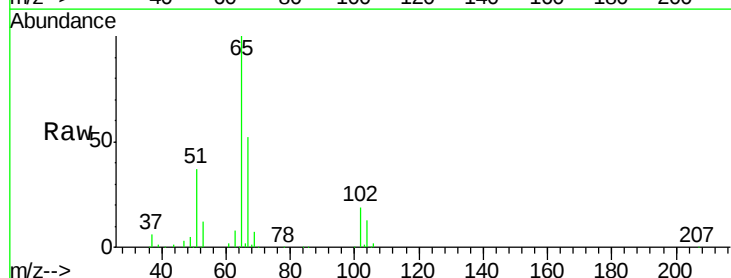
Acq: 18 May 2020 14:40

Tgt Ion: 65 Resp: 207826

Ion Ratio Lower Upper

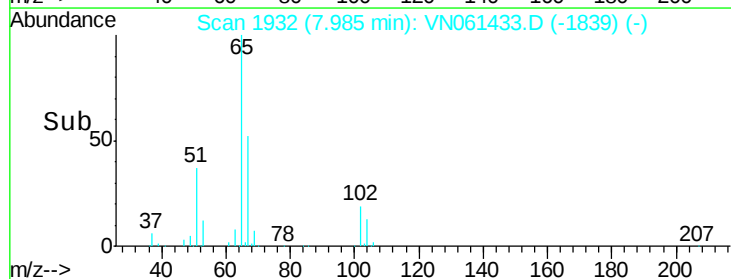
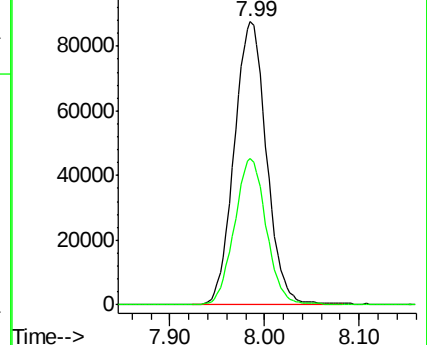
65 100

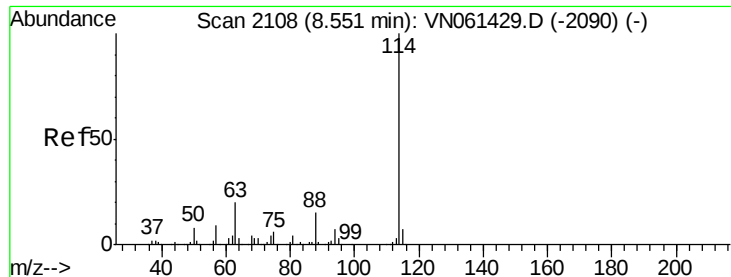
67 51.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

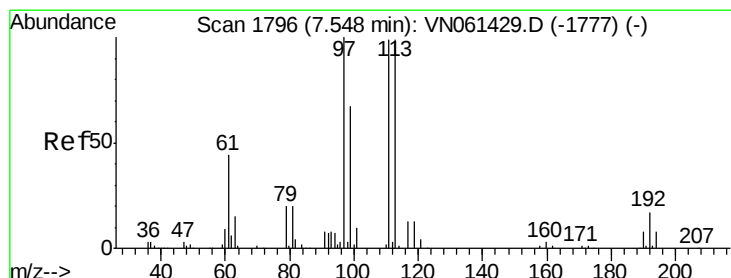
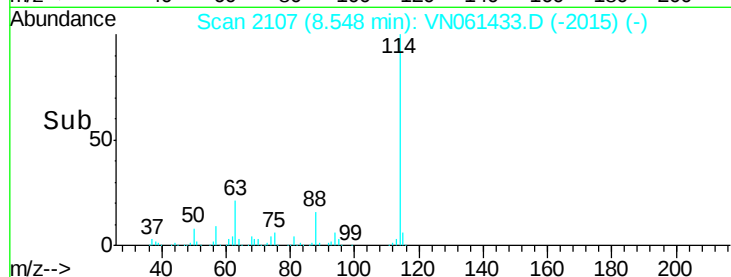
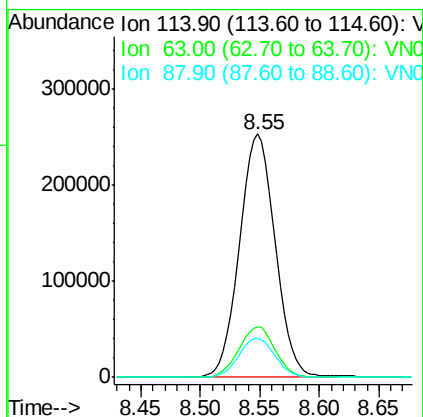
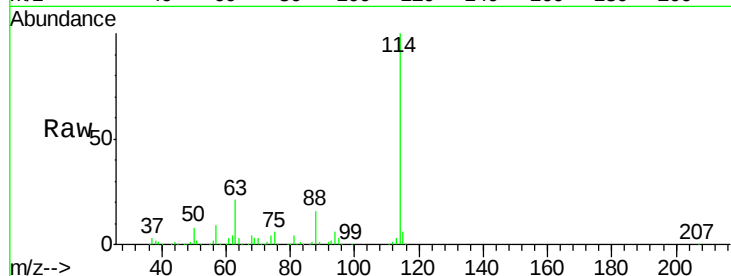




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

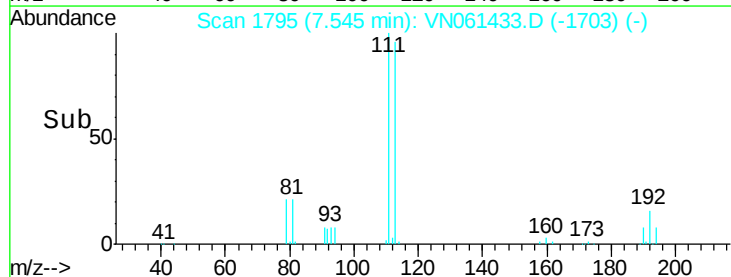
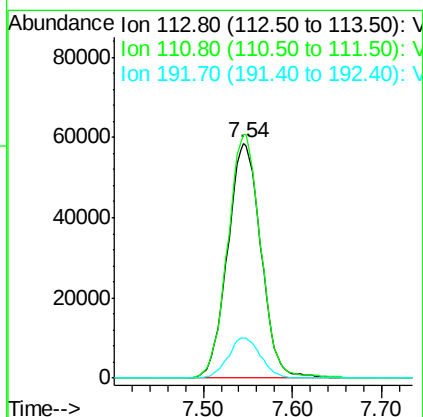
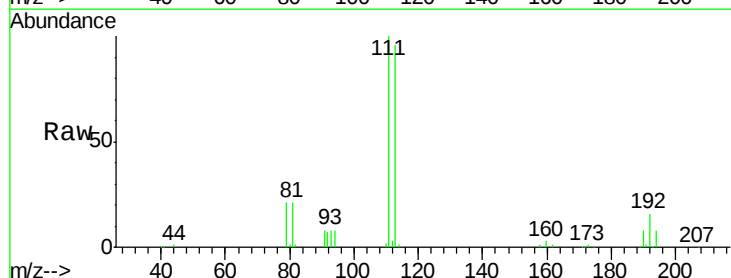
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBL01

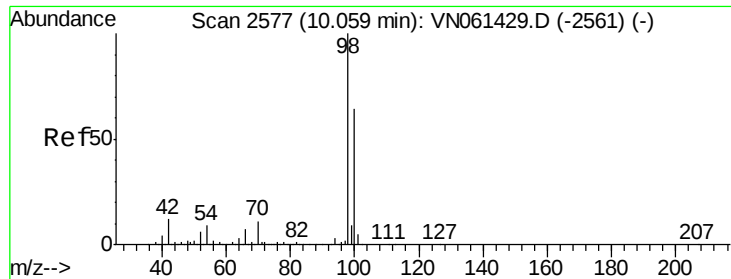
Tot Ion:114 Resp: 527099
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.2 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 54.910 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061433.D
 Acq: 18 May 2020 14:40

Tgt Ion:113 Resp: 151624
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.6 121.0
 192 16.7 13.2 19.8





#50

Toluene-d8

Concen: 51.451 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

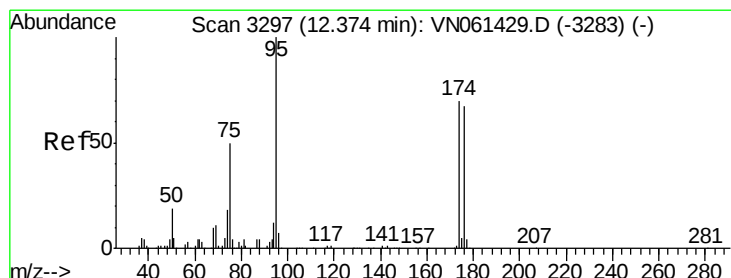
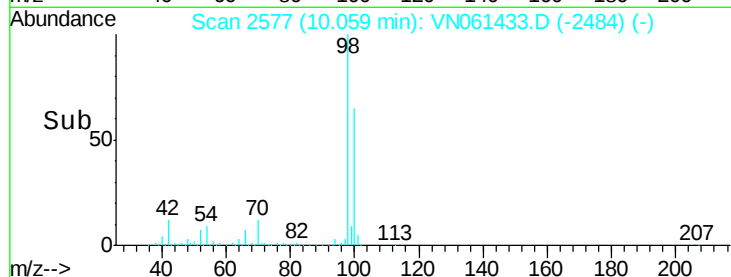
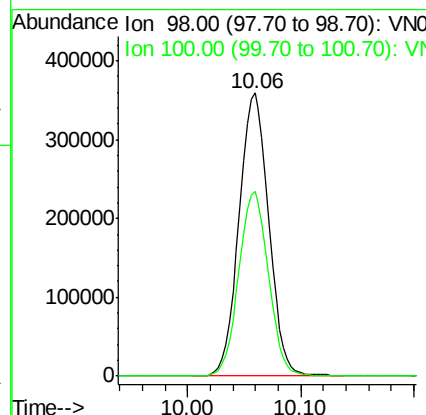
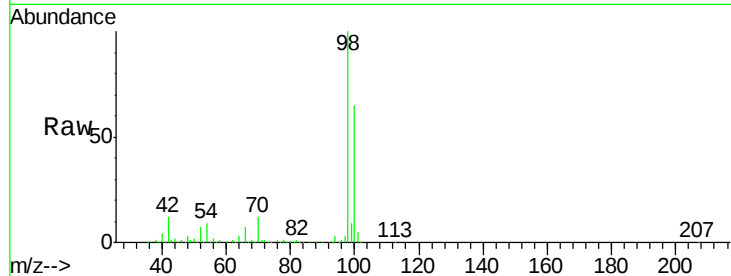
VN0518WBL01

Tot Ion: 98 Resp: 658971

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 49.767 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

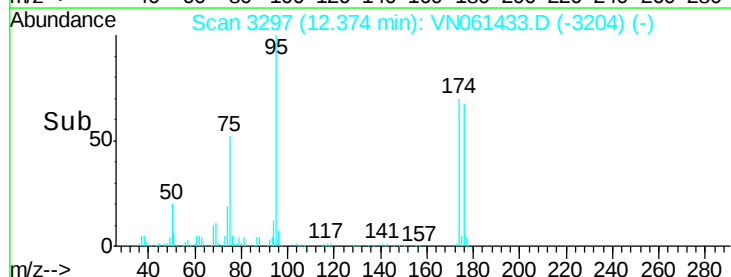
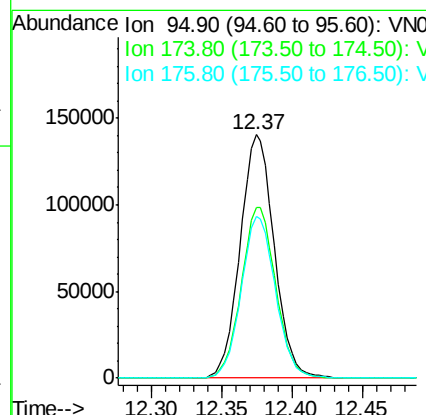
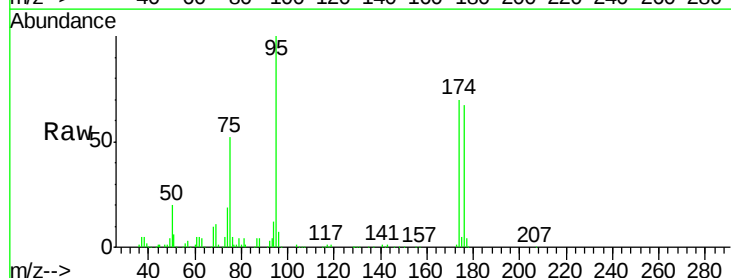
Tgt Ion: 95 Resp: 238137

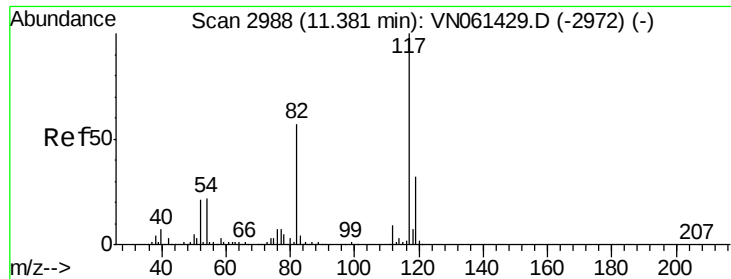
Ion Ratio Lower Upper

95 100

174 70.6 0.0 141.2

176 66.9 0.0 137.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0518WBL01

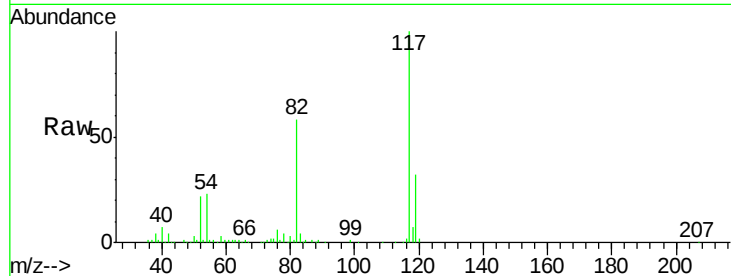
Tot Ion:117 Resp: 497599

Ion Ratio Lower Upper

117 100

82 58.1 45.2 67.8

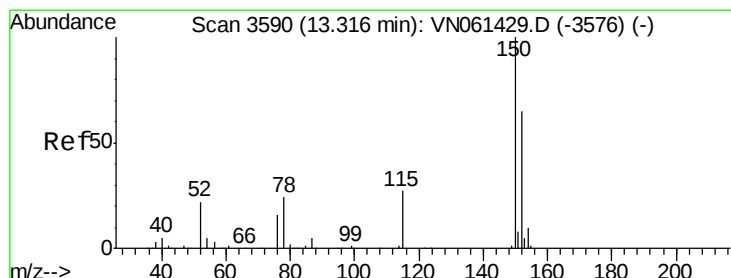
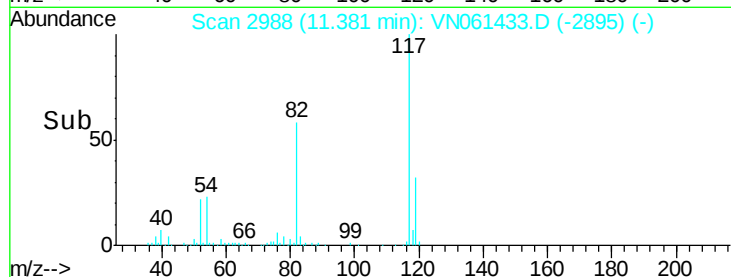
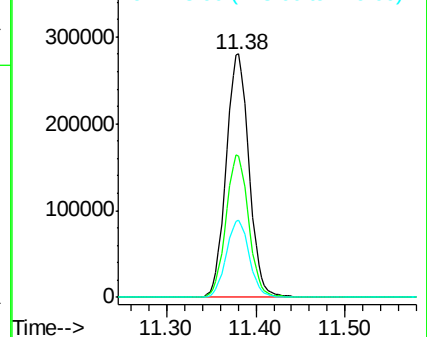
119 31.5 25.3 37.9



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# 3590

Delta R.T. -0.00 min

Lab File: VN061433.D

Acq: 18 May 2020 14:40

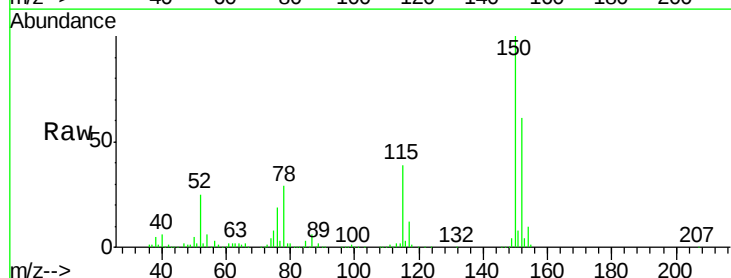
Tgt Ion:152 Resp: 194255

Ion Ratio Lower Upper

152 100

115 62.4 30.9 92.5

150 159.1 0.0 349.2



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

