

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061434.D
 Acq On : 18 May 2020 15:04
 Operator : JC/MD
 Sample : VN0518MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518MBL01

Quant Time: May 18 18:28:16 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	7.63	168	264450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	493720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	477436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188361	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194109	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	7.55	113	138356	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
50) Toluene-d8	10.06	98	628049	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.37	95	230513	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	

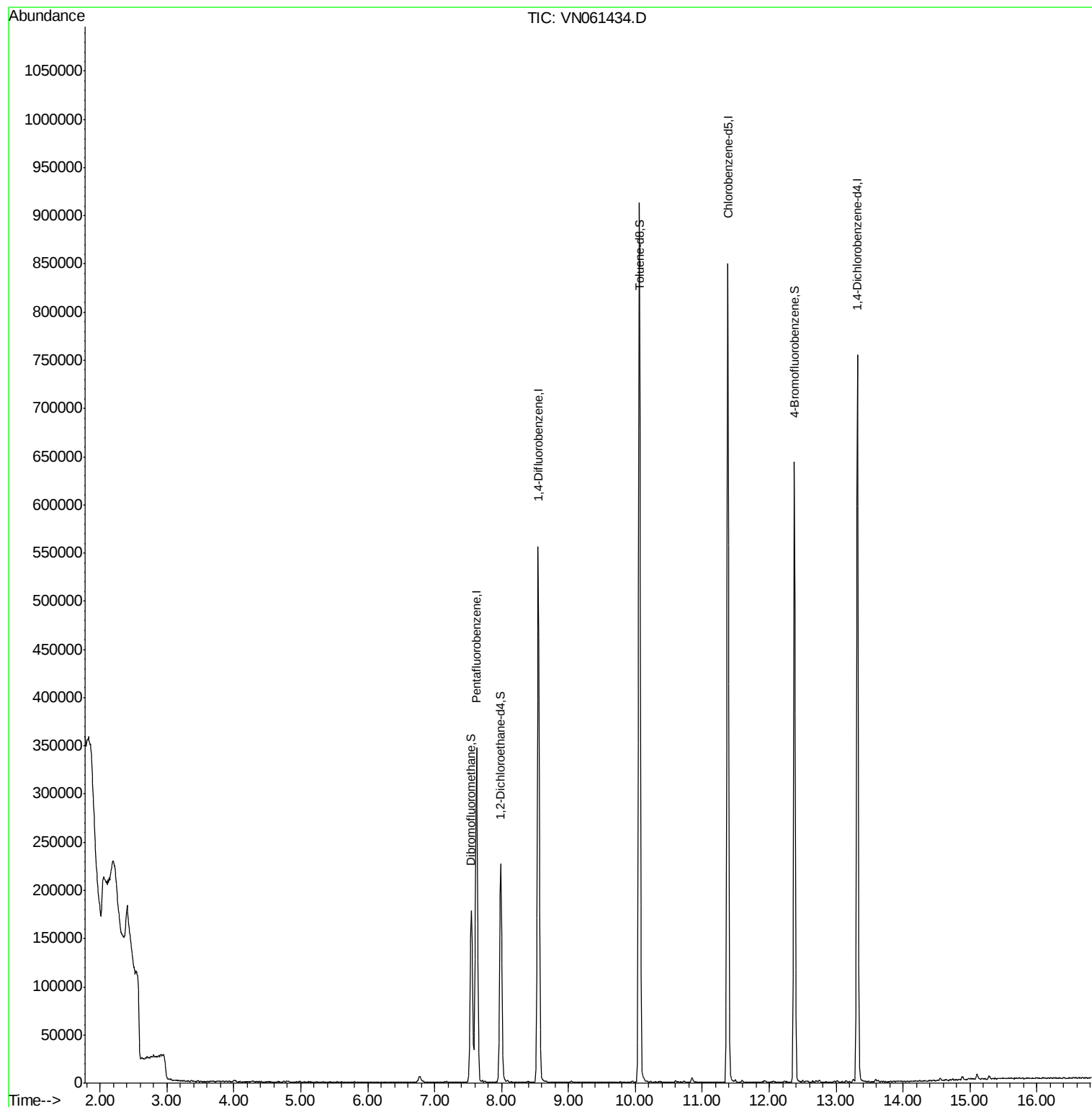
Target Compounds	Qvalue

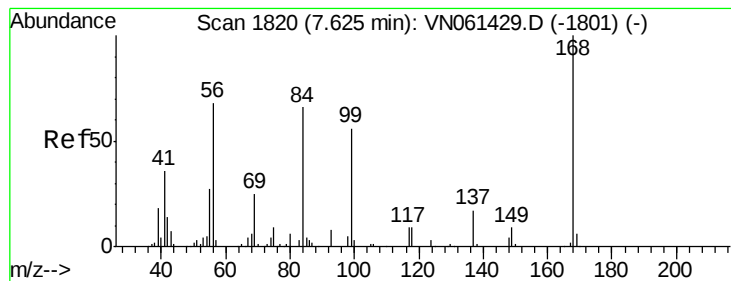
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061434.D

Acq: 18 May 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

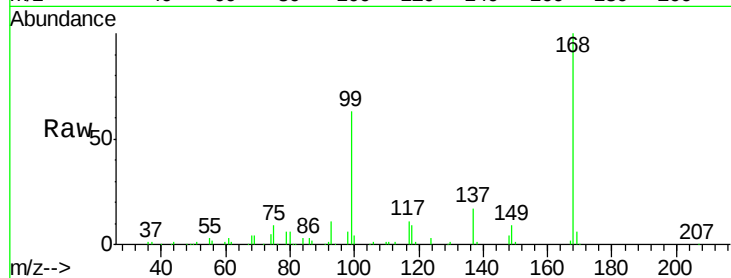
VN0518MBL01

Tot Ion:168 Resp: 264450

Ion Ratio Lower Upper

168 100

99 62.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

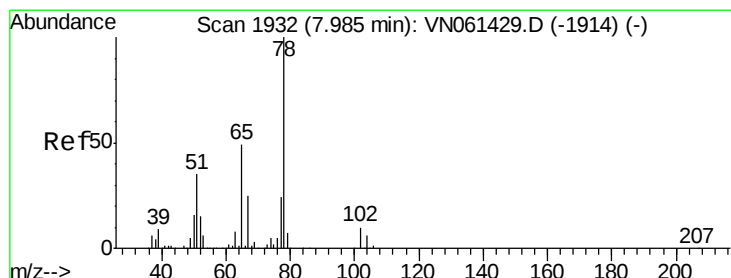
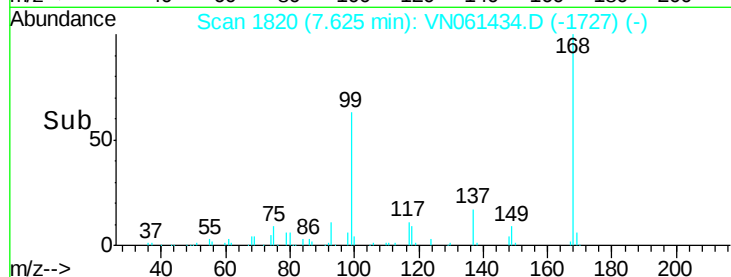
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.181 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VN061434.D

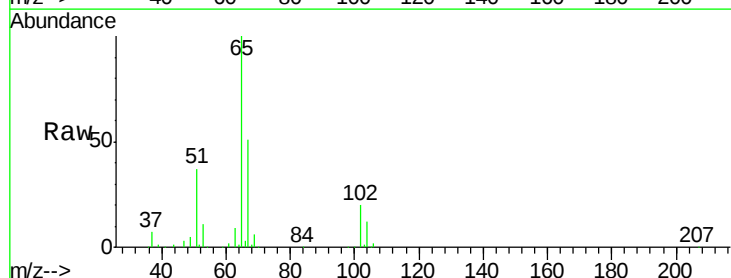
Acq: 18 May 2020 15:04

Tgt Ion: 65 Resp: 194109

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

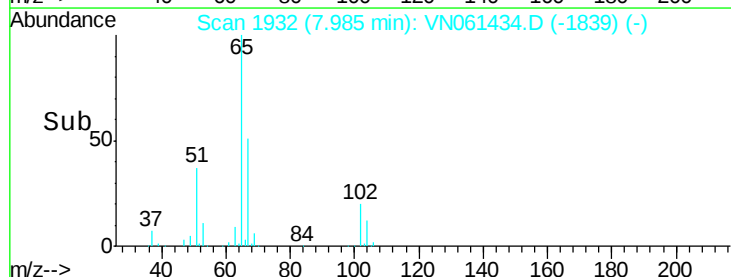
60000

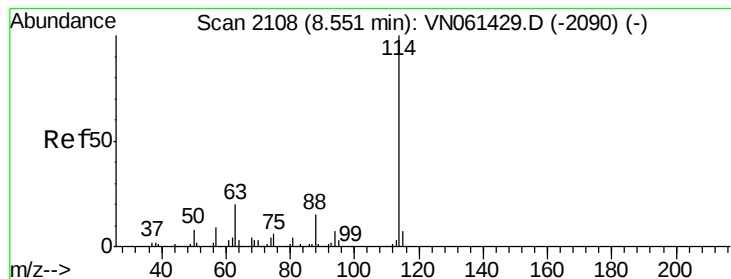
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061434.D

Acq: 18 May 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

VN0518MBL01

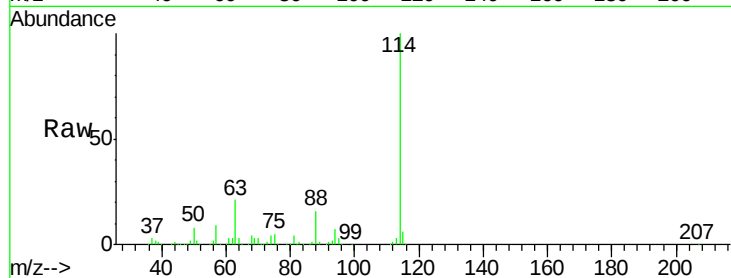
Tot Ion:114 Resp: 493720

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

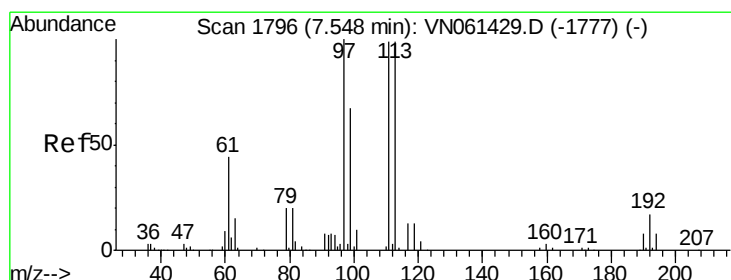
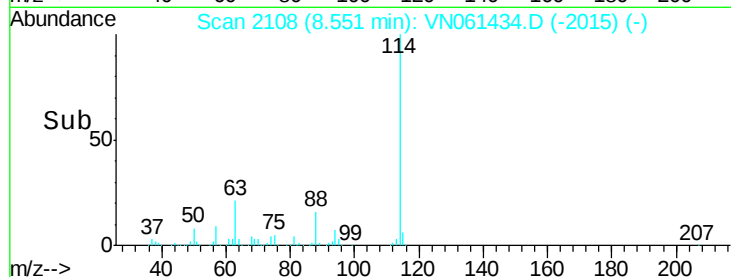
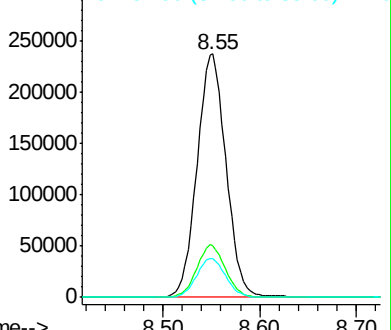
88 15.8 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 53.492 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061434.D

Acq: 18 May 2020 15:04

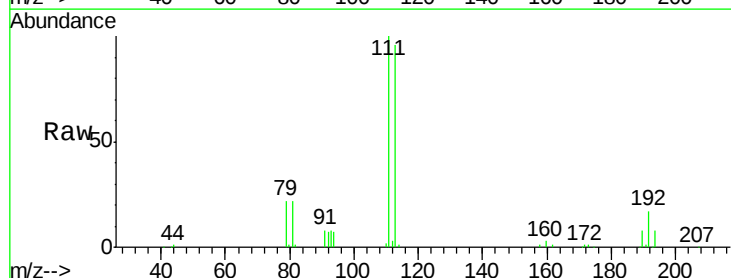
Tgt Ion:113 Resp: 138356

Ion Ratio Lower Upper

113 100

111 103.6 80.6 121.0

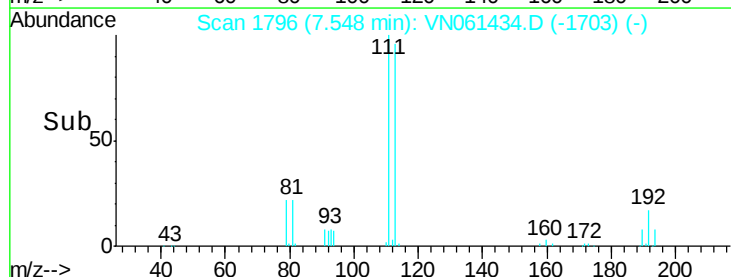
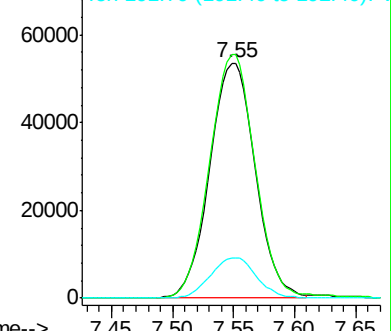
192 17.4 13.2 19.8

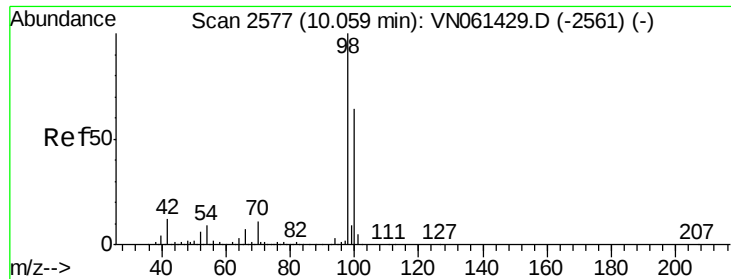


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.352 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061434.D

Acq: 18 May 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

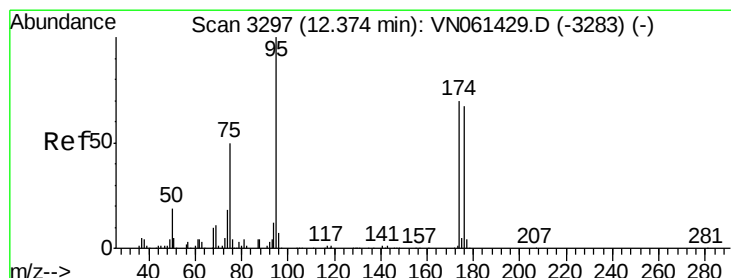
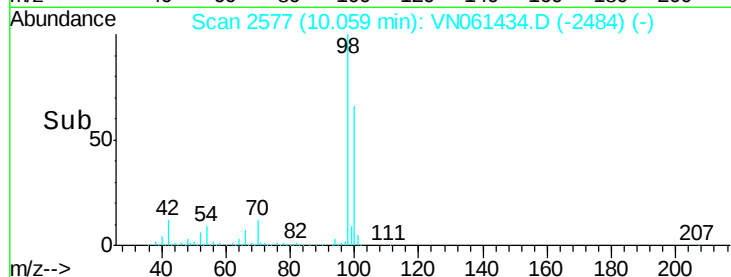
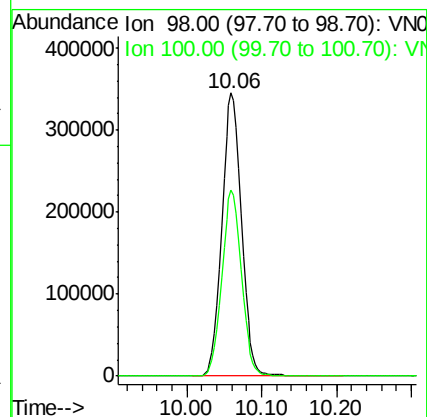
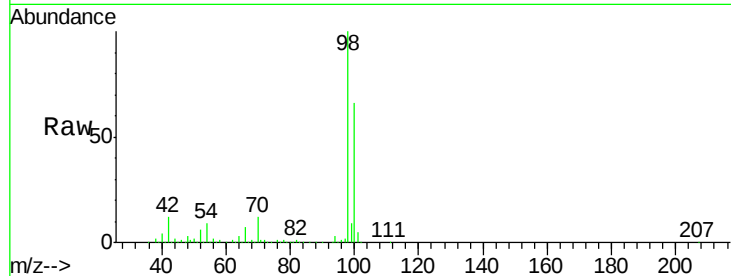
VN0518MBL01

Tot Ion: 98 Resp: 628049

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.430 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061434.D

Acq: 18 May 2020 15:04

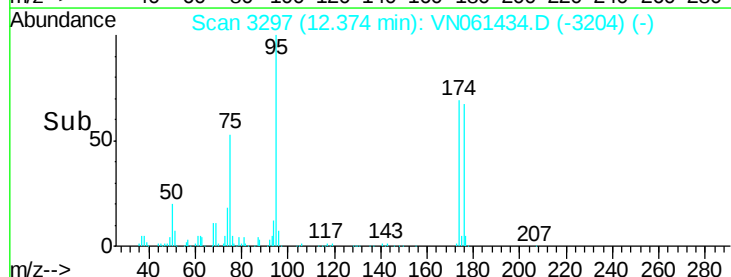
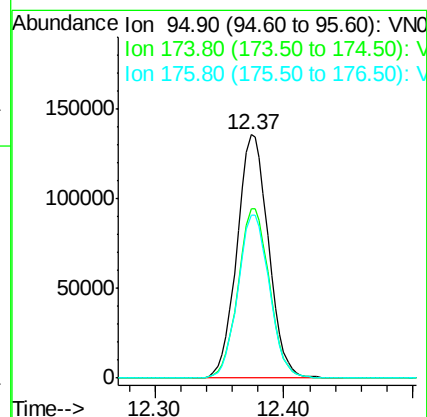
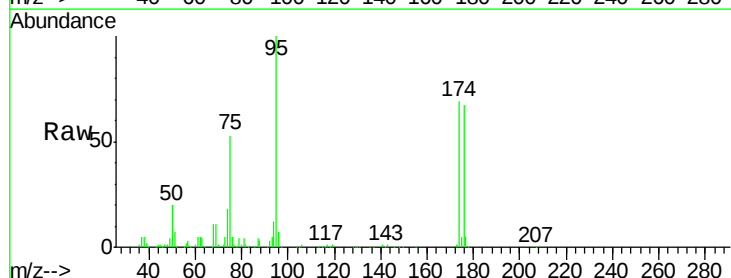
Tgt Ion: 95 Resp: 230513

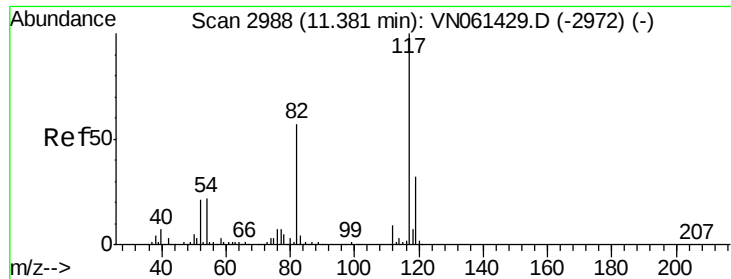
Ion Ratio Lower Upper

95 100

174 69.6 0.0 141.2

176 67.1 0.0 137.6

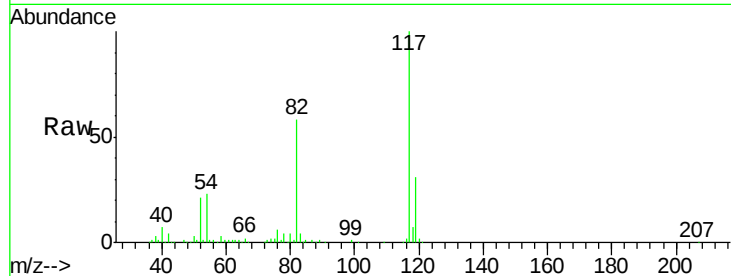




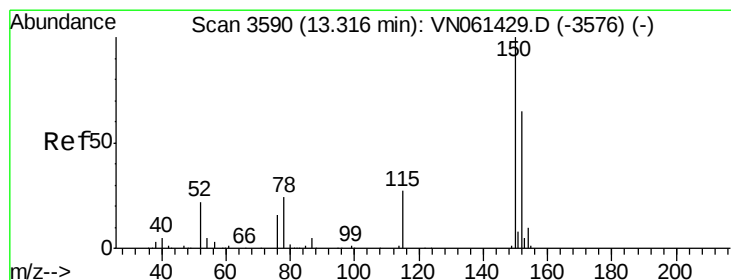
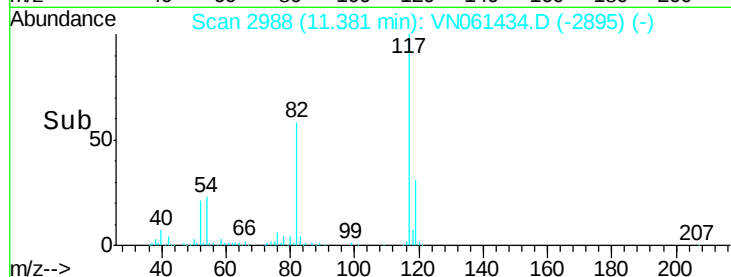
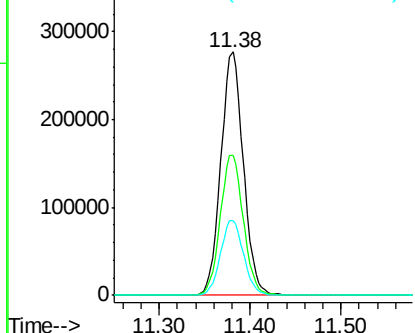
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBL01

Tot Ion:117 Resp: 477436
Ion Ratio Lower Upper
117 100
82 57.7 45.2 67.8
119 30.8 25.3 37.9

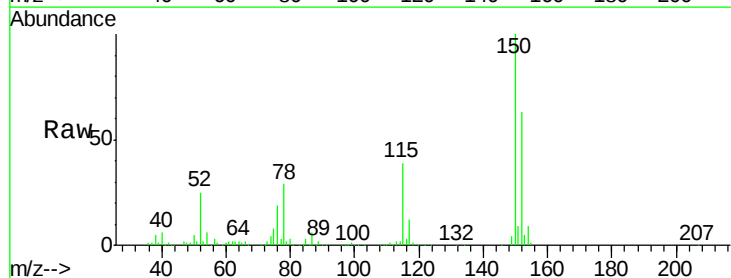


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061434.D
Acq: 18 May 2020 15:04

Tgt Ion:152 Resp: 188361
Ion Ratio Lower Upper
152 100
115 64.3 30.9 92.5
150 159.3 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

