

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064634.D
 Acq On : 13 Nov 2020 16:21
 Operator : JC/MD
 Sample : L4747-07RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-GW-638-640RE

Quant Time: Nov 17 02:54:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	219328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	456480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	478860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173228	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	228172	59.73	ug/l	0.00
Spiked Amount			Recovery	=	119.46%	
35) Dibromofluoromethane	7.55	113	166364	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
50) Toluene-d8	10.06	98	595832	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.38	95	219950	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	

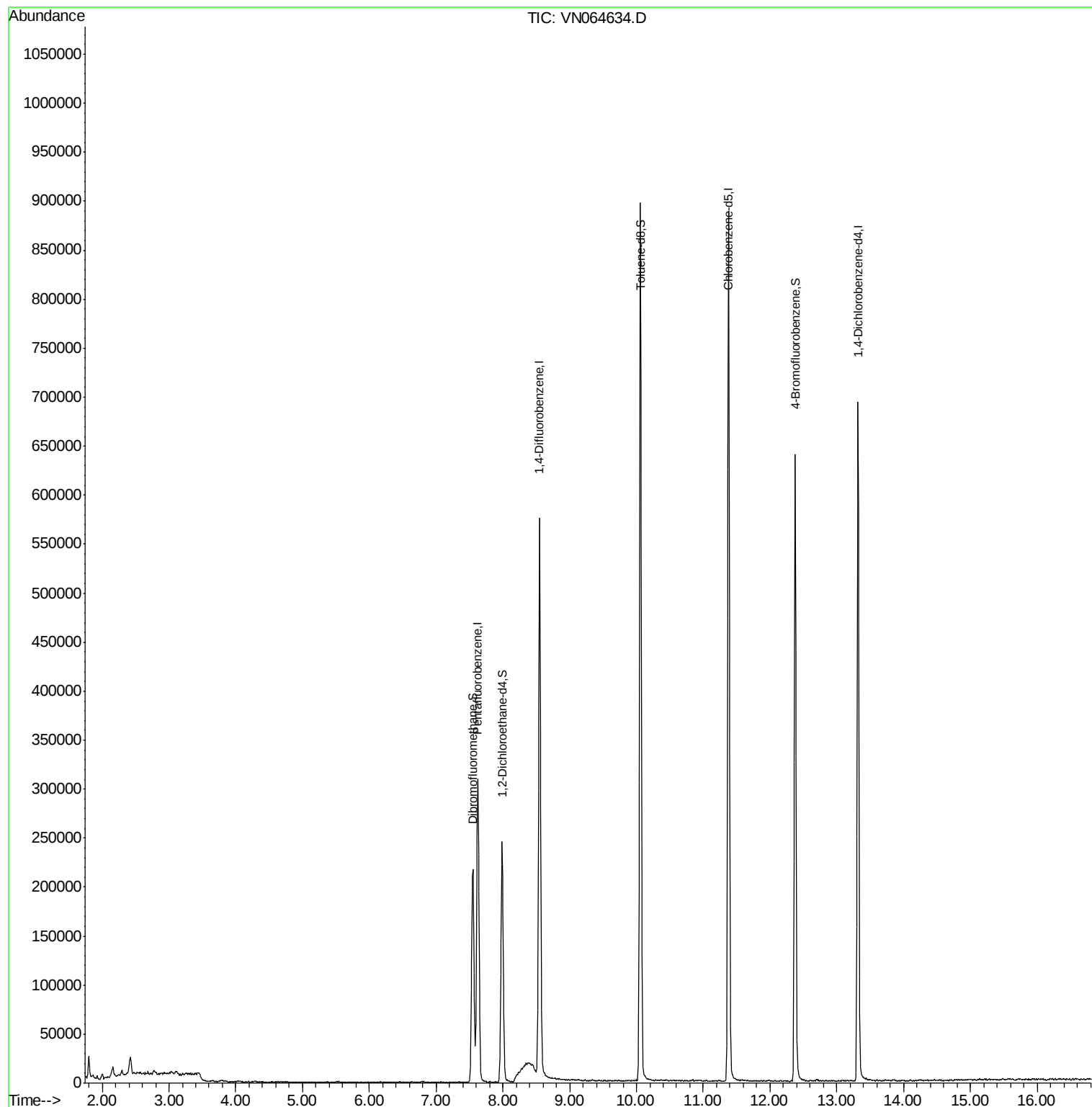
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064634.D

Acq: 13 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

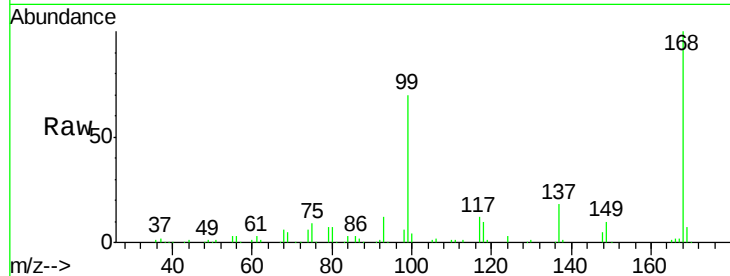
BP-VPB178-GW-638-640RE

Tot Ion:168 Resp: 219328

Ion Ratio Lower Upper

168 100

99 69.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

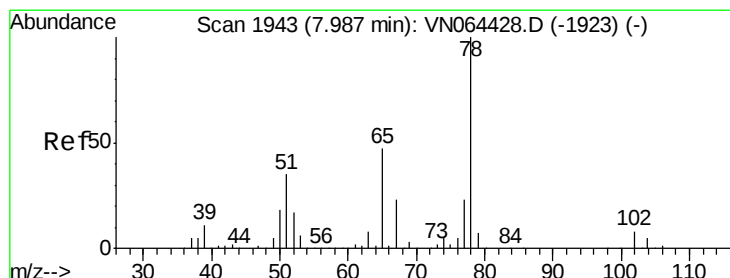
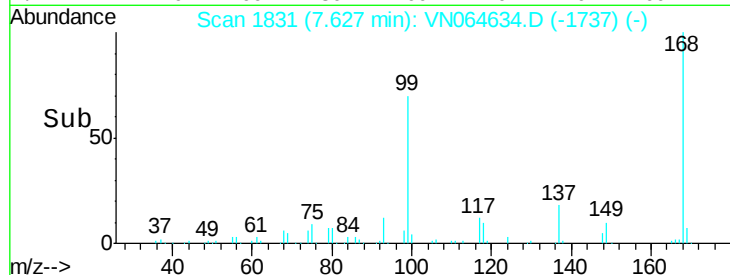
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 59.725 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064634.D

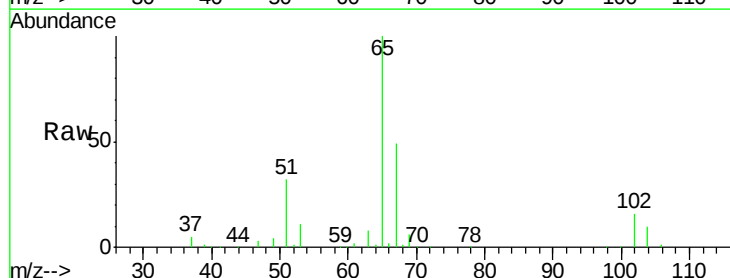
Acq: 13 Nov 2020 16:21

Tgt Ion: 65 Resp: 228172

Ion Ratio Lower Upper

65 100

67 48.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

100000

80000

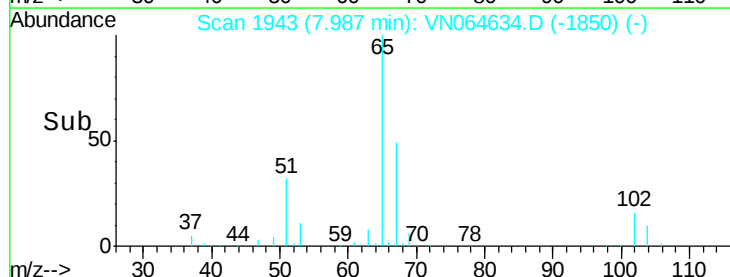
60000

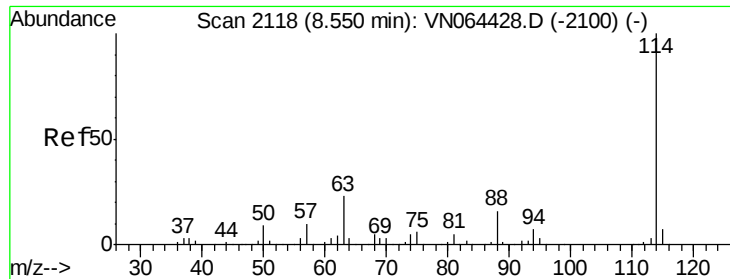
40000

20000

0

Time--> 7.90 8.00 8.10

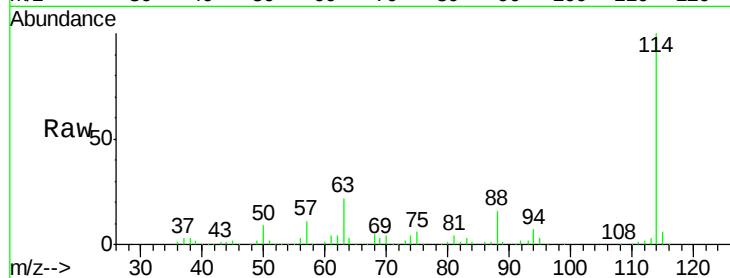




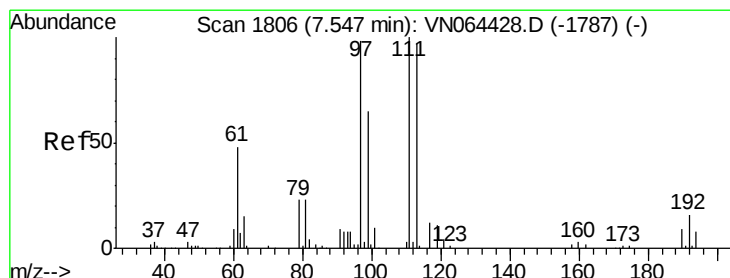
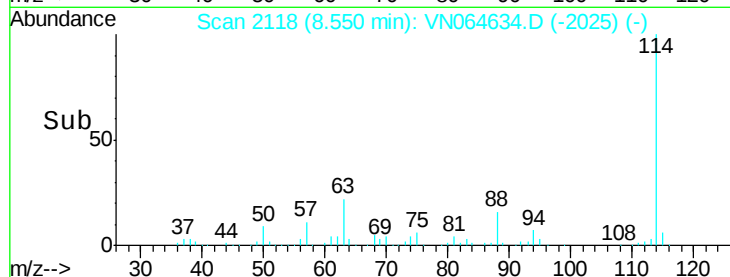
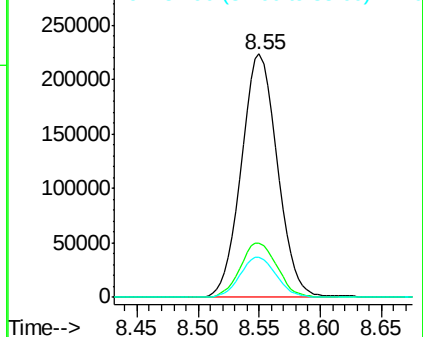
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064634.D
Acq: 13 Nov 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-GW-638-640RE

Tot Ion:114 Resp: 456480
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.6
88 16.4 0.0 32.8

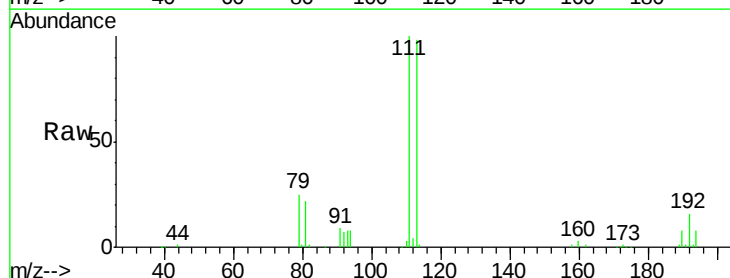


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

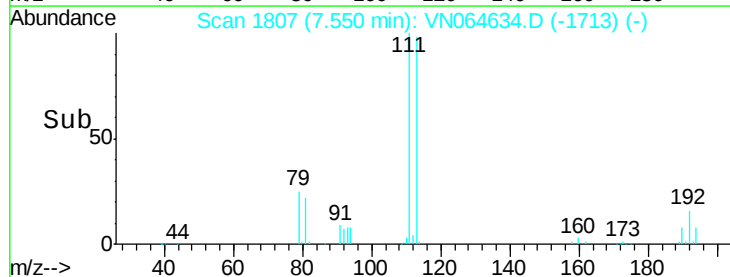
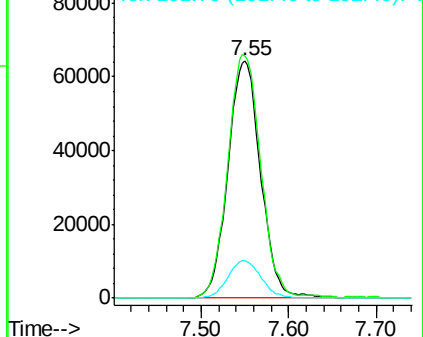


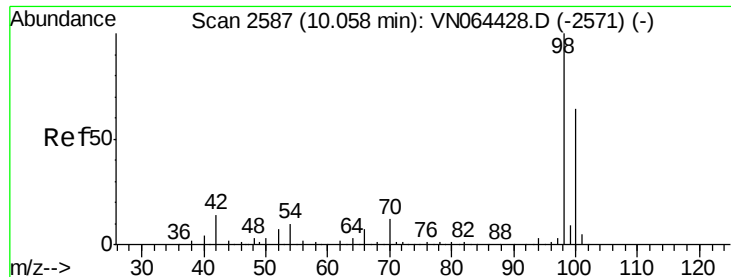
#35
Dibromofluoromethane
Concen: 53.528 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064634.D
Acq: 13 Nov 2020 16:21

Tgt Ion:113 Resp: 166364
Ion Ratio Lower Upper
113 100
111 103.6 81.1 121.7
192 16.1 12.8 19.2



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: 49.601 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064634.D

Acq: 13 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

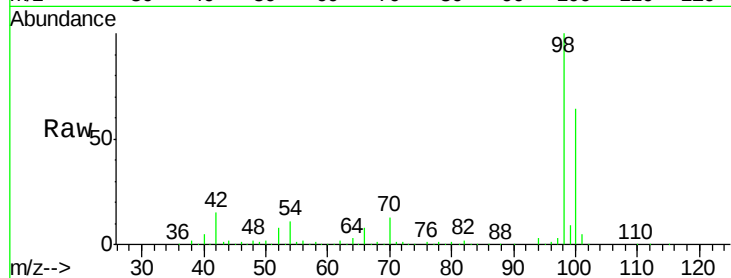
BP-VPB178-GW-638-640RE

Tot Ion: 98 Resp: 595832

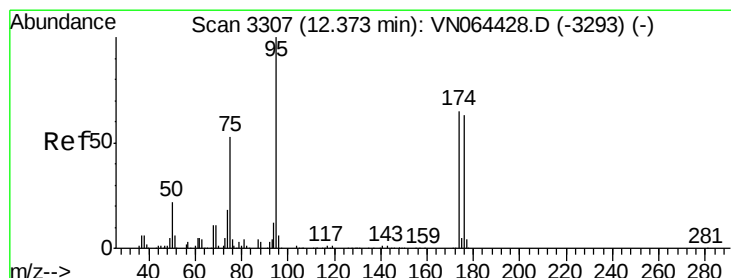
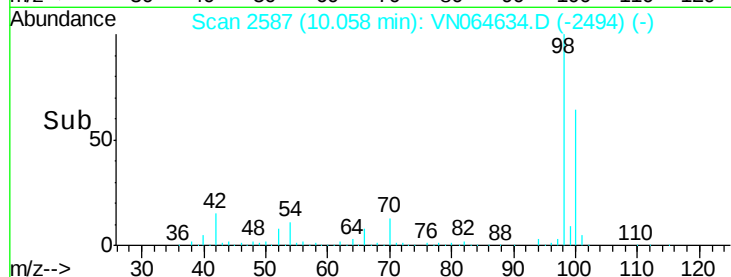
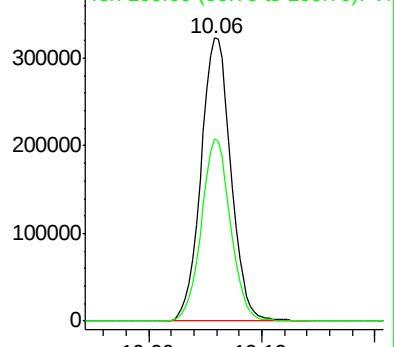
Ion Ratio Lower Upper

98 100

100 62.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 48.416 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064634.D

Acq: 13 Nov 2020 16:21

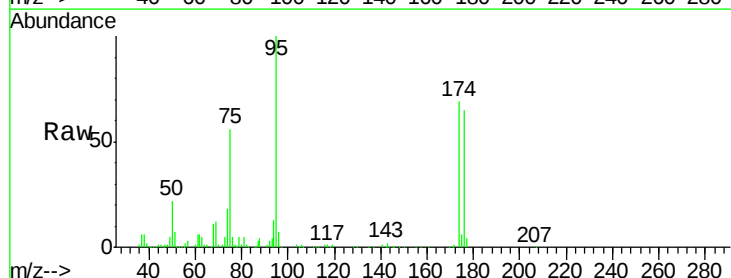
Tgt Ion: 95 Resp: 219950

Ion Ratio Lower Upper

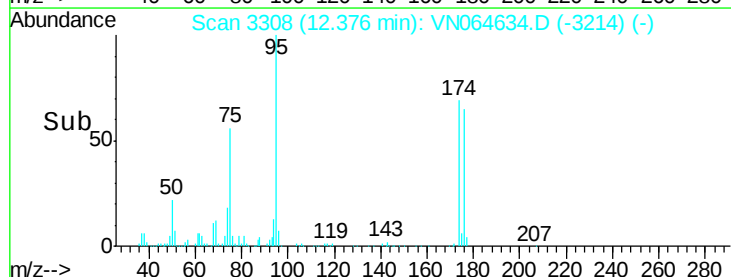
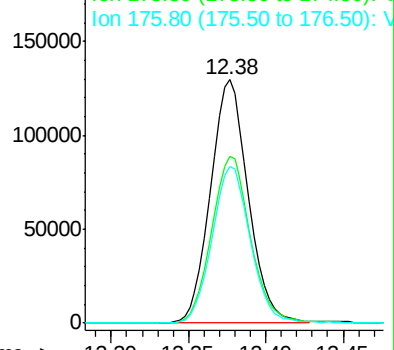
95 100

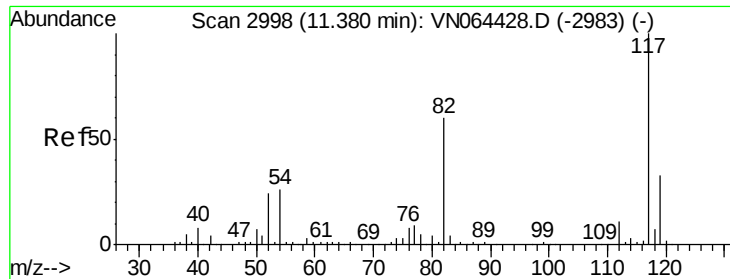
174 70.6 0.0 132.6

176 65.2 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064634.D

Acq: 13 Nov 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-GW-638-640RE

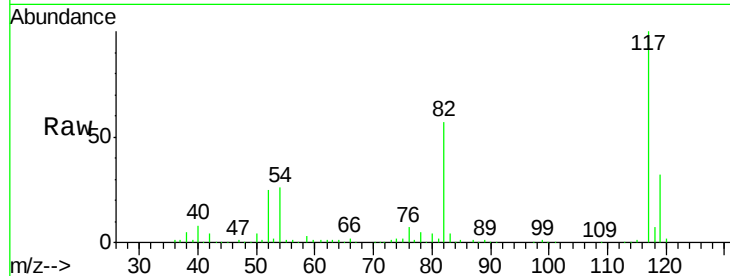
Tot Ion:117 Resp: 478860

Ion Ratio Lower Upper

117 100

82 57.5 48.1 72.1

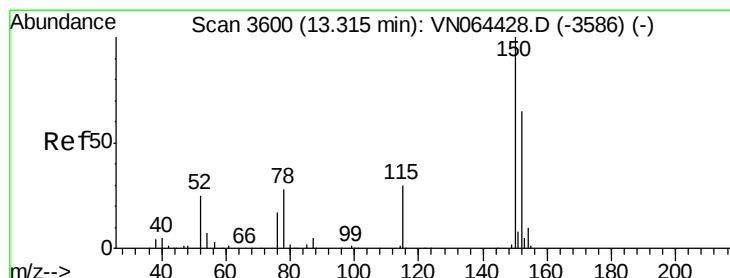
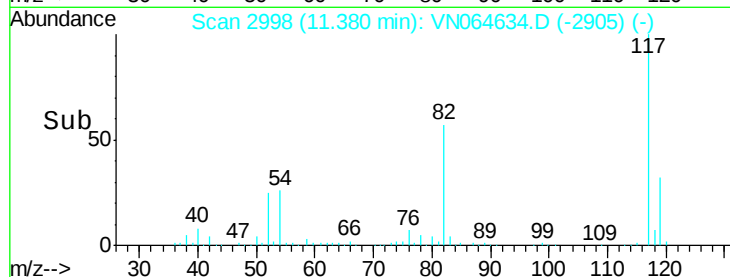
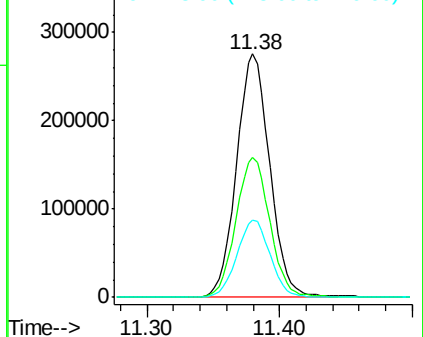
119 31.9 26.2 39.4



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# 3601

Delta R.T. 0.00 min

Lab File: VN064634.D

Acq: 13 Nov 2020 16:21

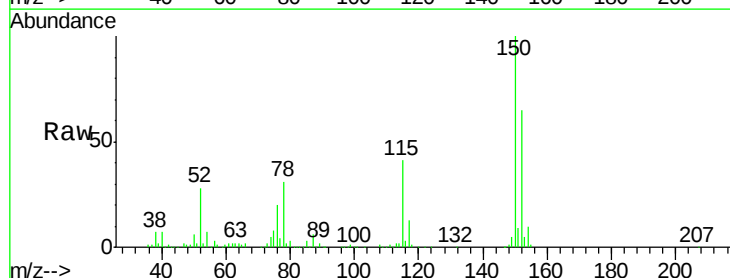
Tgt Ion:152 Resp: 173228

Ion Ratio Lower Upper

152 100

115 65.4 32.0 96.0

150 157.3 0.0 353.8



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

