

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064524.D
 Acq On : 10 Nov 2020 14:35
 Operator : JC/MD
 Sample : L4684-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-TB-20201106

Quant Time: Nov 11 02:46:14 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	223986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161771	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	215502	55.24	ug/l	0.00
Spiked Amount			Recovery	=	110.48%	
35) Dibromofluoromethane	7.55	113	160653	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
50) Toluene-d8	10.06	98	570808	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.38	95	211647	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

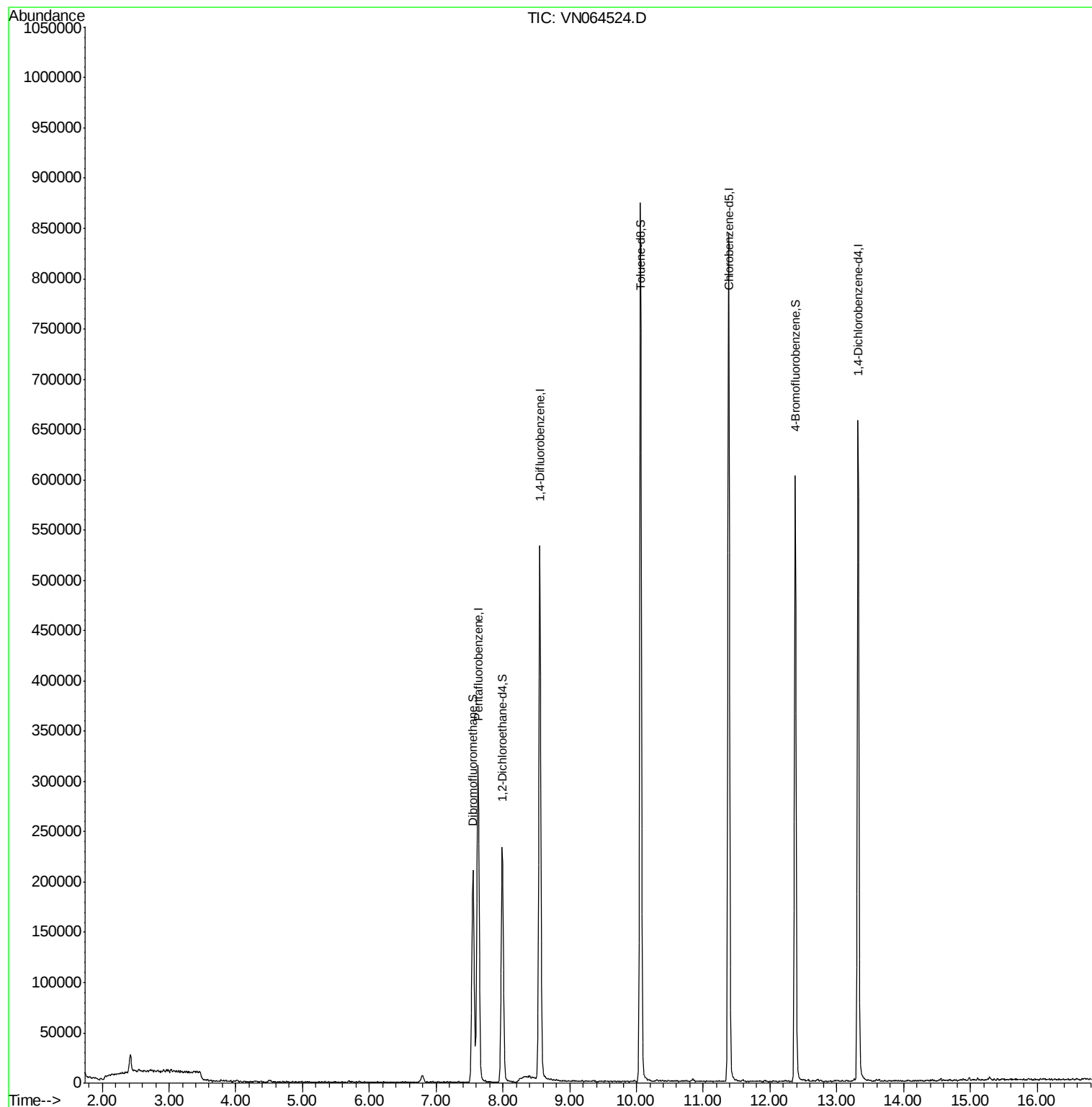
Target Compounds	Qvalue
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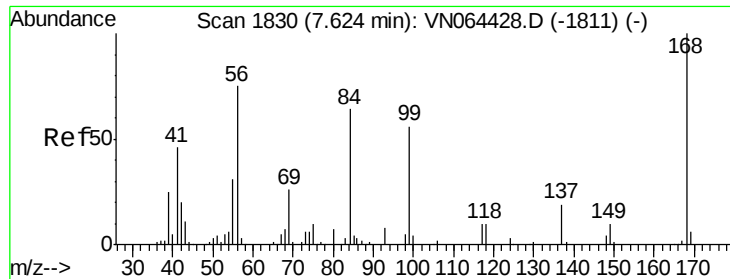
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064524.D

Acq: 10 Nov 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

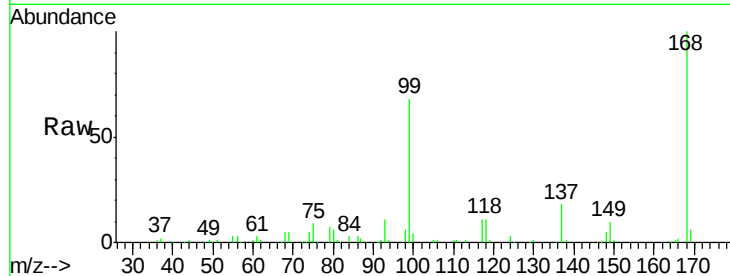
BP-VPB178-TB-20201106

Tot Ion:168 Resp: 223986

Ion Ratio Lower Upper

168 100

99 68.2 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

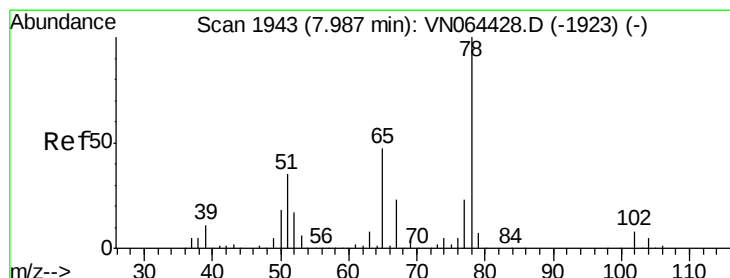
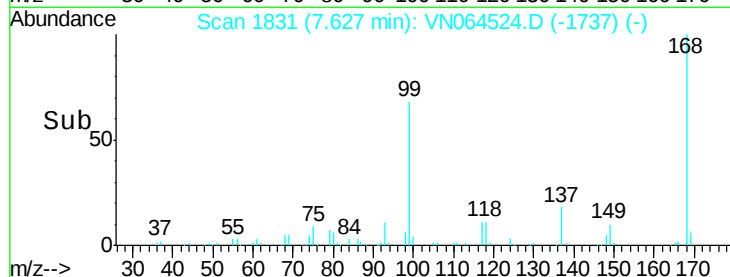
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.236 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064524.D

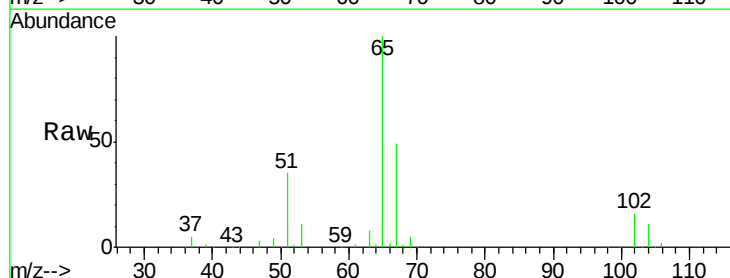
Acq: 10 Nov 2020 14:35

Tgt Ion: 65 Resp: 215502

Ion Ratio Lower Upper

65 100

67 49.7 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

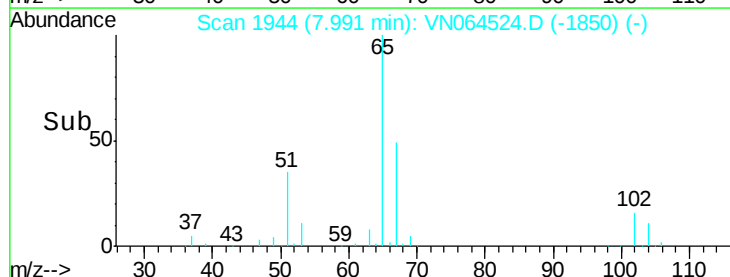
40000

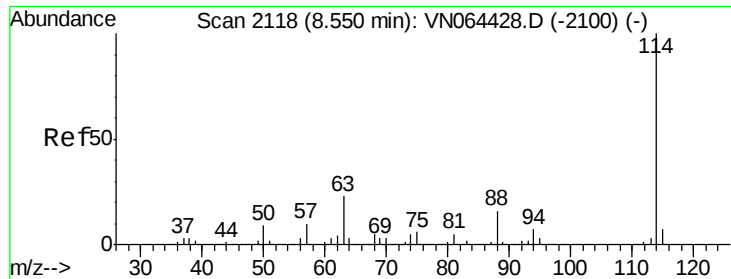
20000

0

7.90 8.00 8.10

Time-->

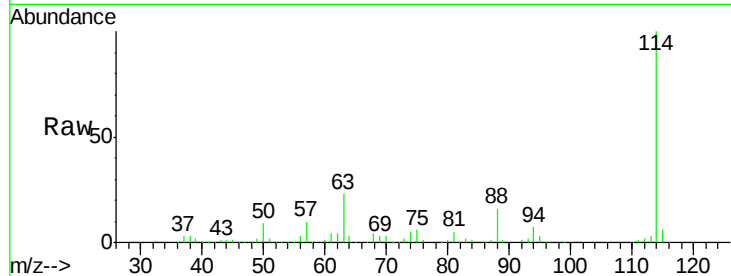




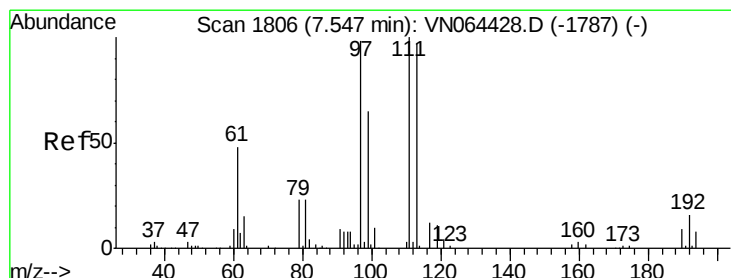
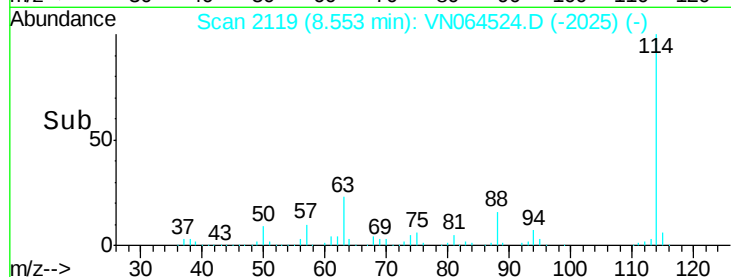
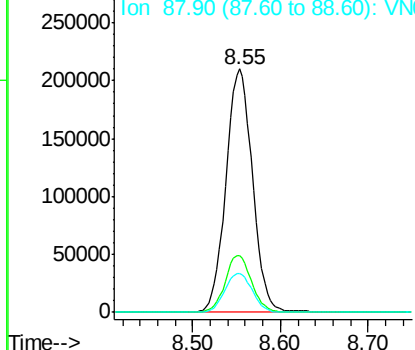
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064524.D
Acq: 10 Nov 2020 14:35

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-TB-20201106

Tot Ion:114 Resp: 443478
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.6
88 16.1 0.0 32.8

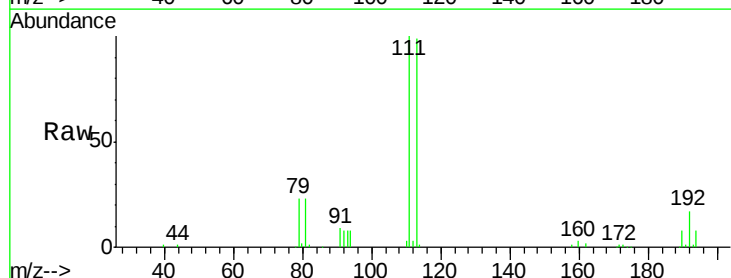


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

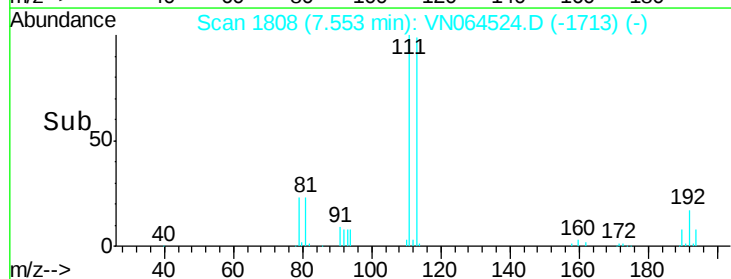
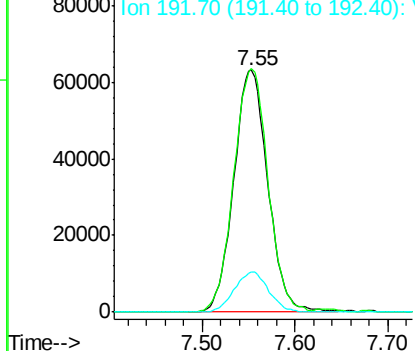


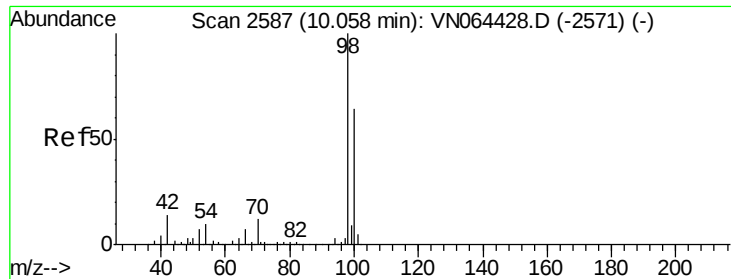
#35
Dibromofluoromethane
Concen: 53.206 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064524.D
Acq: 10 Nov 2020 14:35

Tgt Ion:113 Resp: 160653
Ion Ratio Lower Upper
113 100
111 101.3 81.1 121.7
192 16.7 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: 48.911 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064524.D

Acq: 10 Nov 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

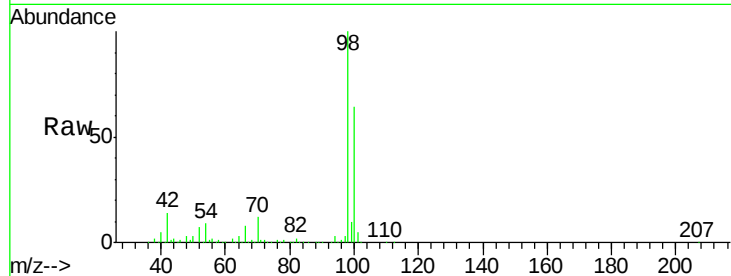
BP-VPB178-TB-20201106

Tot Ion: 98 Resp: 570808

Ion Ratio Lower Upper

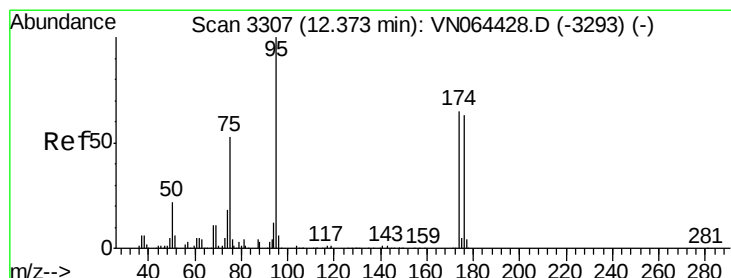
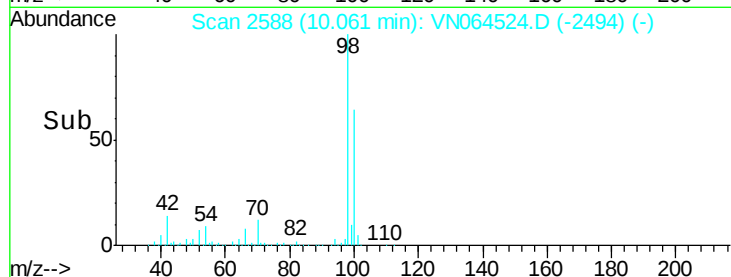
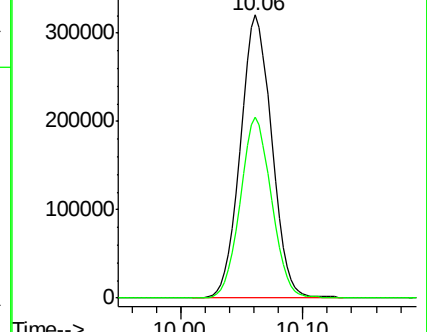
98 100

100 63.8 50.7 76.1



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

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 47.954 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.01 min

Lab File: VN064524.D

Acq: 10 Nov 2020 14:35

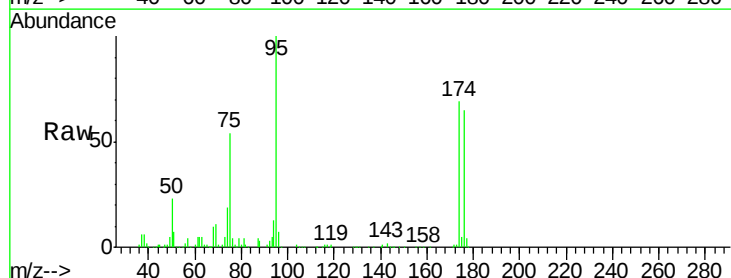
Tgt Ion: 95 Resp: 211647

Ion Ratio Lower Upper

95 100

174 70.2 0.0 132.6

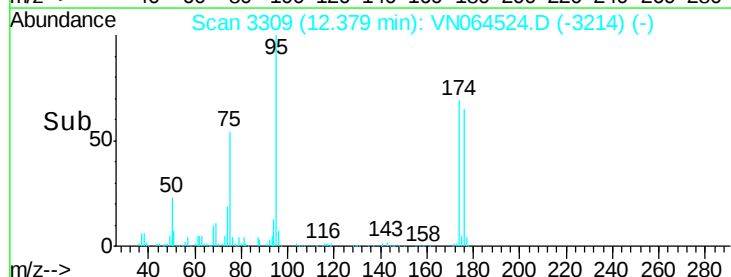
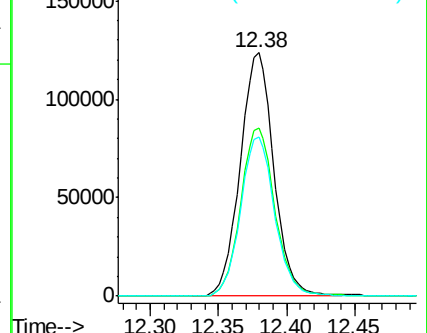
176 66.2 0.0 129.2

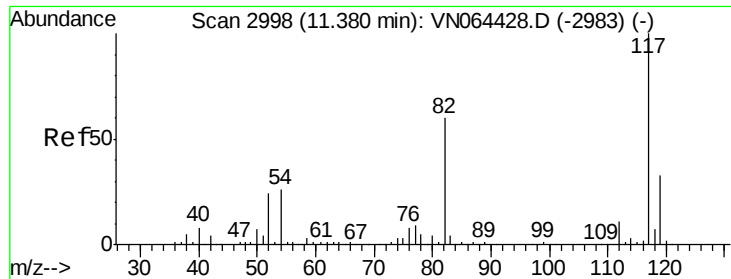


Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN064524.D

Acq: 10 Nov 2020 14:35

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-TB-20201106

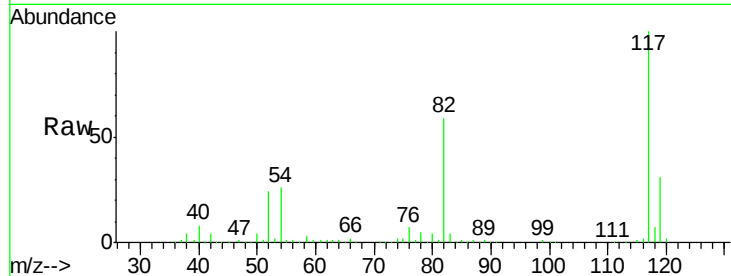
Tot Ion:117 Resp: 458843

Ion Ratio Lower Upper

117 100

82 59.2 48.1 72.1

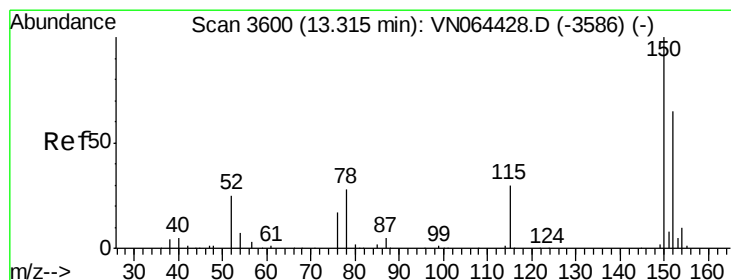
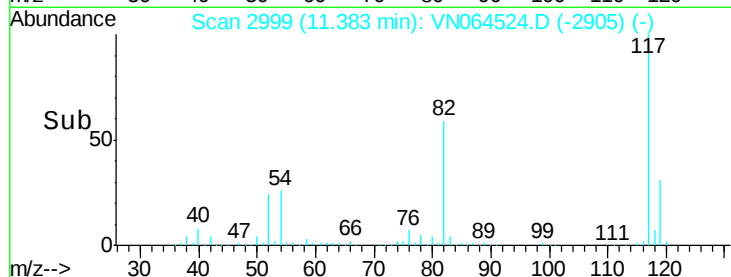
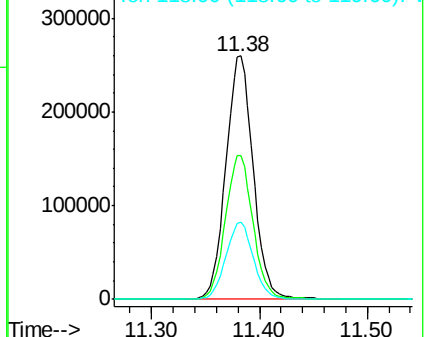
119 31.5 26.2 39.4



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: VN064524.D

Acq: 10 Nov 2020 14:35

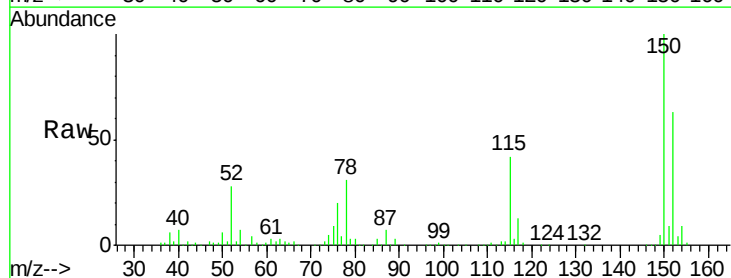
Tgt Ion:152 Resp: 161771

Ion Ratio Lower Upper

152 100

115 65.1 32.0 96.0

150 155.8 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

