

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\
 Data File : VN064852.D
 Acq On : 25 Nov 2020 13:05
 Operator : JC/MD
 Sample : L4889-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB178-TB-20201119

Quant Time: Nov 26 04:08:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	158240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131854	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	99516	54.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	108.20%	
35) Dibromofluoromethane	7.55	113	90487	53.73	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	107.46%	
50) Toluene-d8	10.06	98	351393	51.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.37	95	135465	55.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	110.00%	

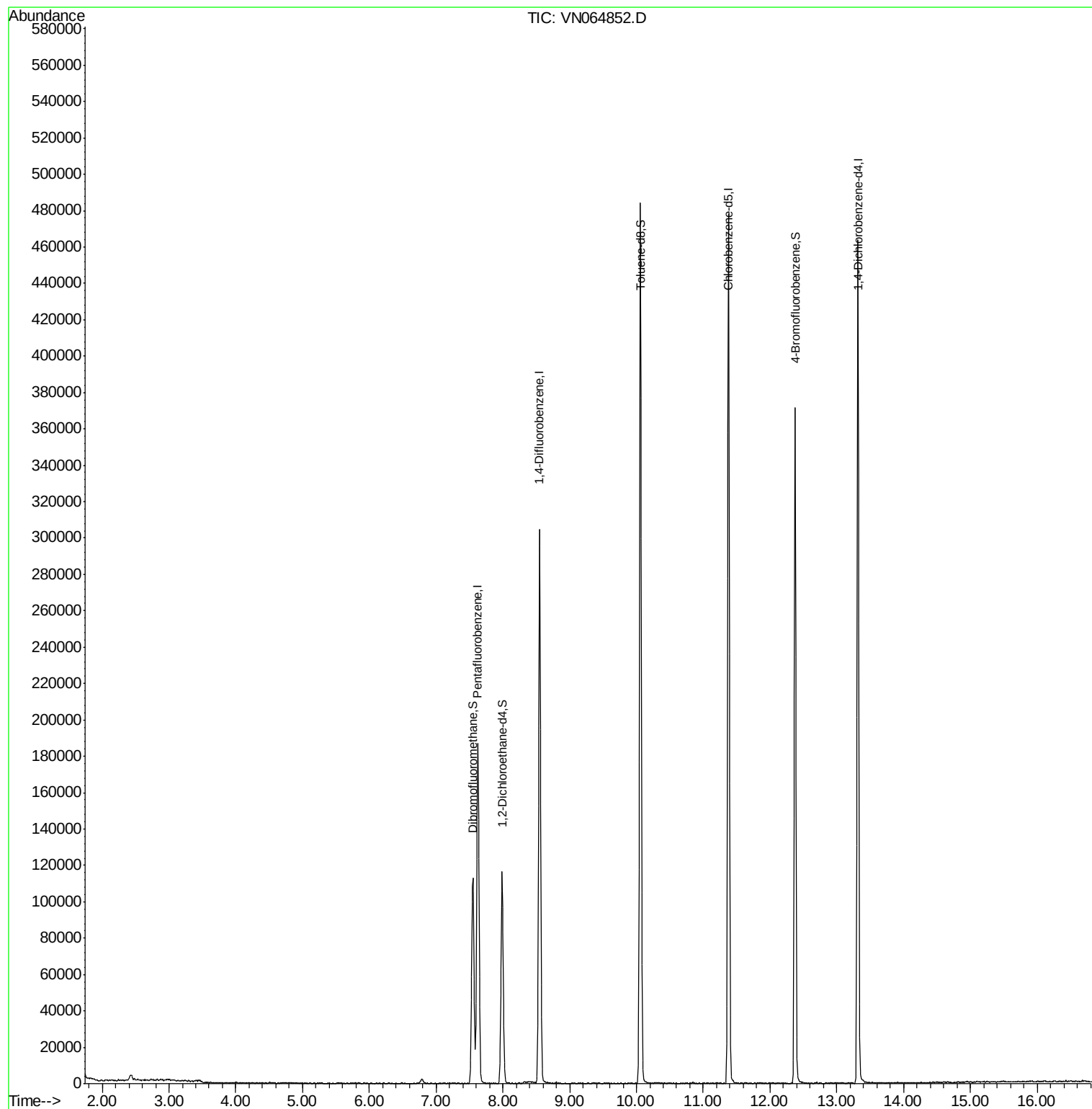
Target Compounds	Qvalue

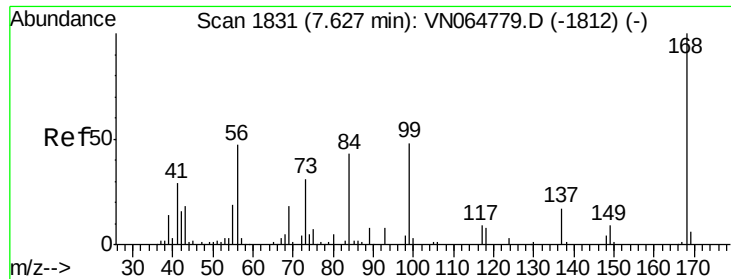
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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MSVOA_N

ClientSampleId :

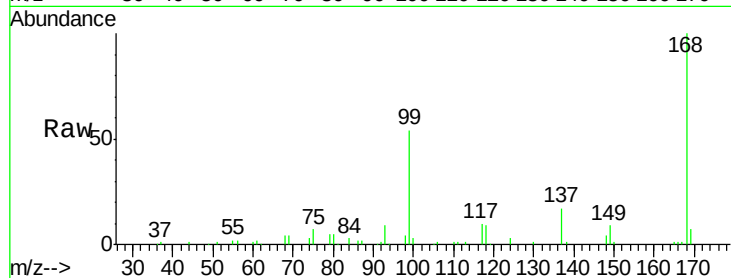
BP-VPB178-TB-20201119

Tot Ion:168 Resp: 158240

Ion Ratio Lower Upper

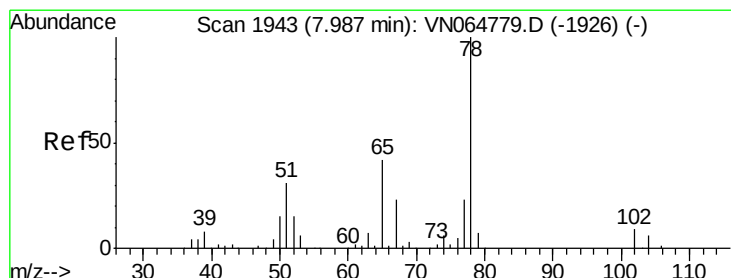
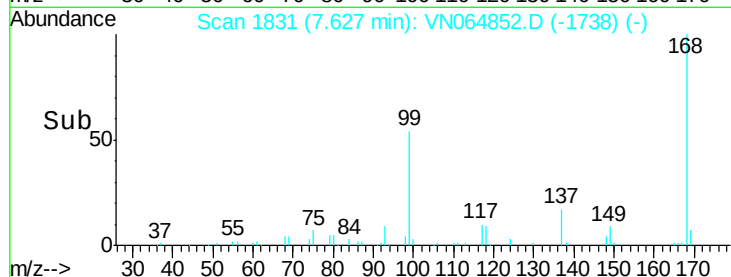
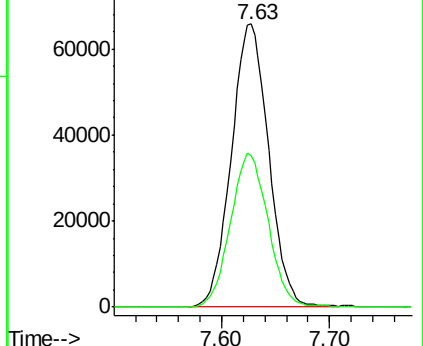
168 100

99 53.5 43.0 64.4



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: 54.095 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064852.D

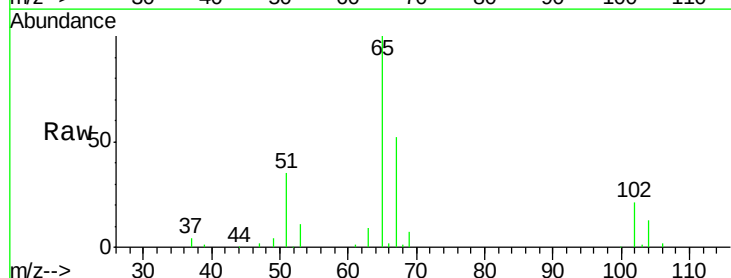
Acq: 25 Nov 2020 13:05

Tgt Ion: 65 Resp: 99516

Ion Ratio Lower Upper

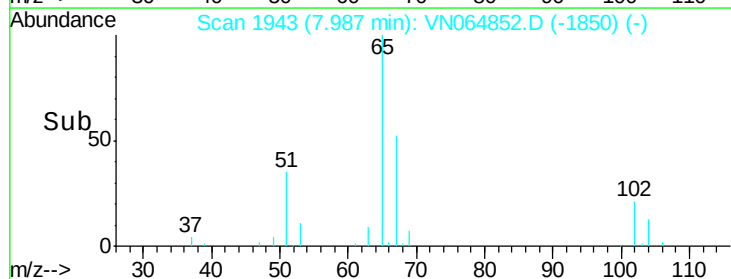
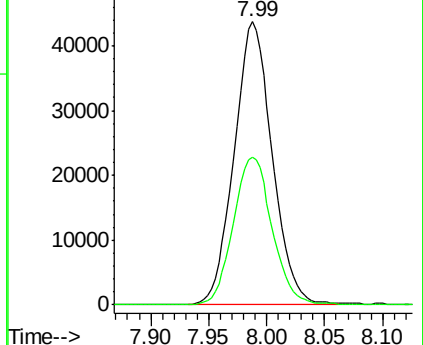
65 100

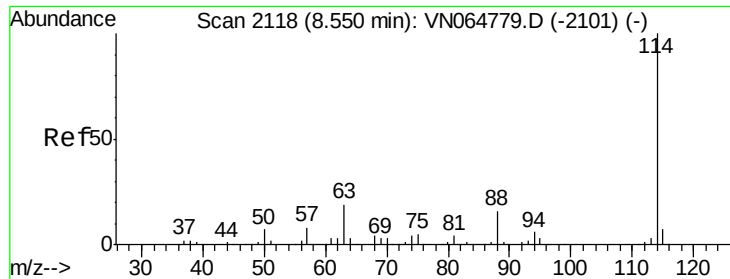
67 53.1 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

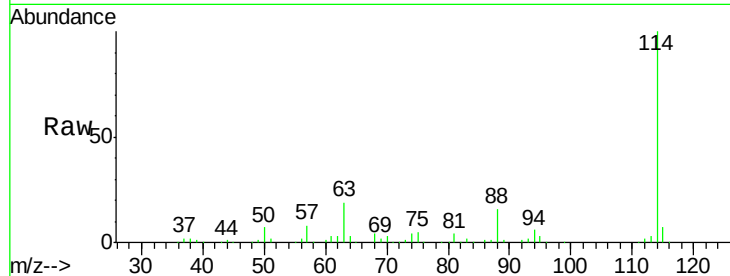




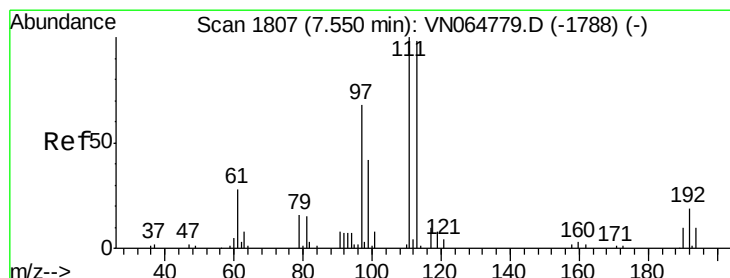
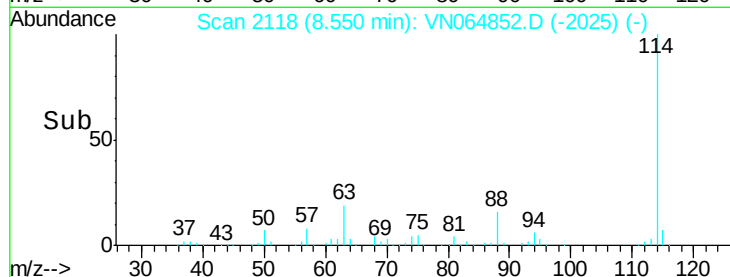
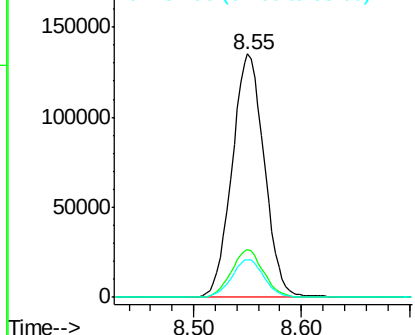
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064852.D
Acq: 25 Nov 2020 13:05

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB178-TB-20201119

Tot Ion:114 Resp: 281470
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.6 0.0 32.6

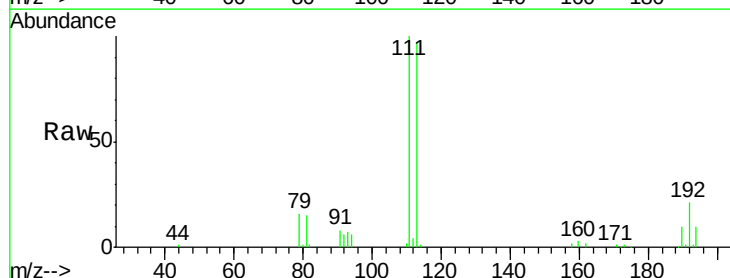


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

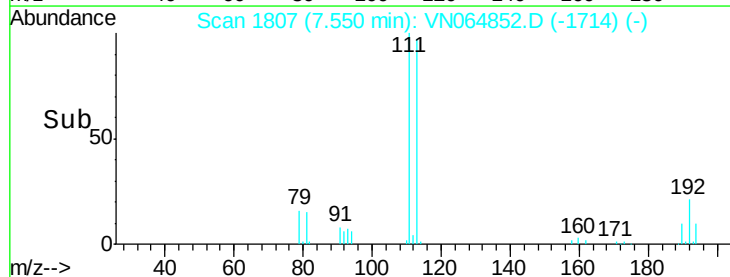
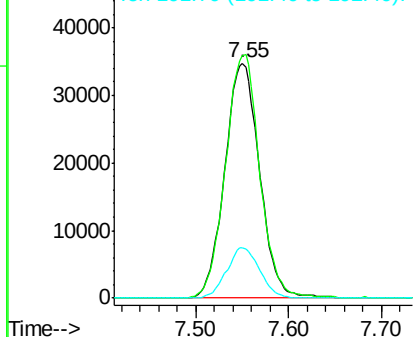


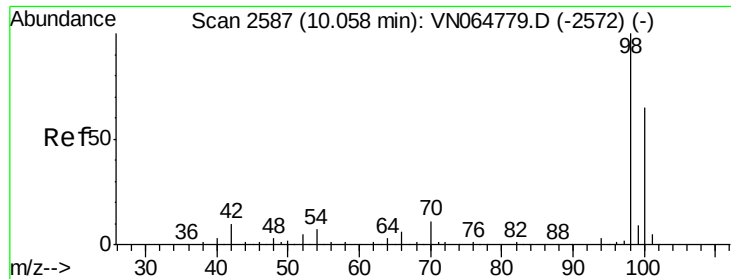
#35
Dibromofluoromethane
Concen: 53.726 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064852.D
Acq: 25 Nov 2020 13:05

Tgt Ion:113 Resp: 90487
Ion Ratio Lower Upper
113 100
111 102.0 81.6 122.4
192 20.2 16.2 24.2



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: 51.063 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064852.D

Acq: 25 Nov 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

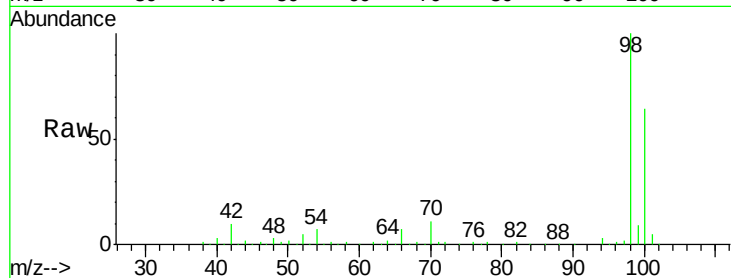
BP-VPB178-TB-20201119

Tot Ion: 98 Resp: 351393

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

200000

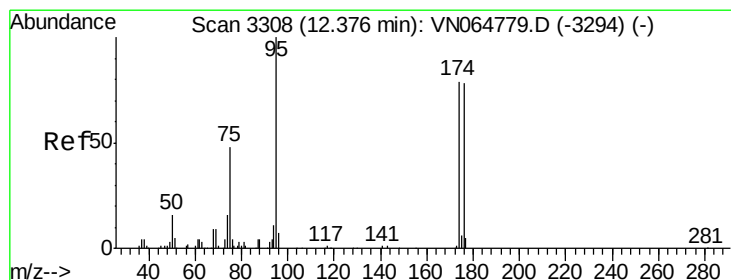
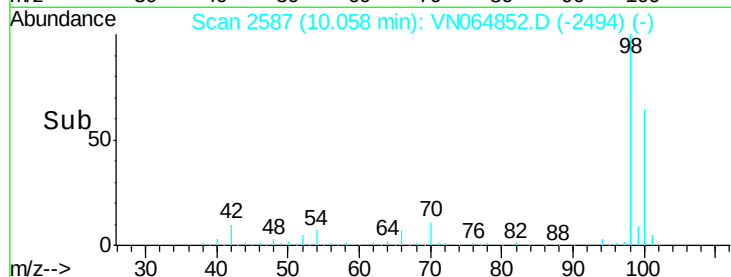
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.005 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064852.D

Acq: 25 Nov 2020 13:05

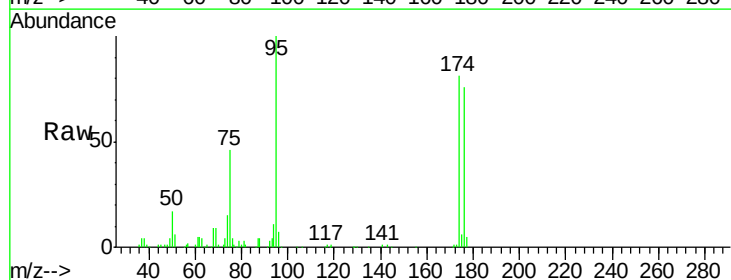
Tgt Ion: 95 Resp: 135465

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.4

176 77.7 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

12.37

100000

80000

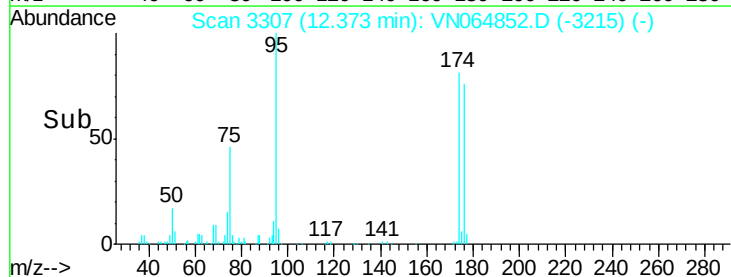
60000

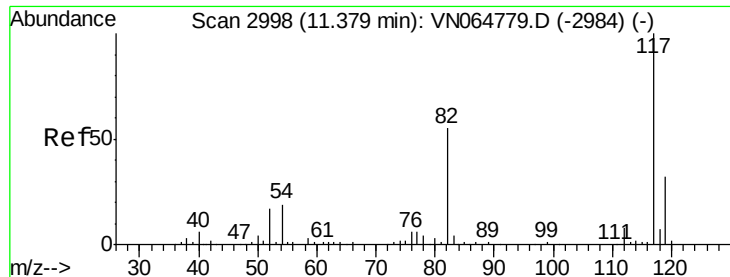
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064852.D

Acq: 25 Nov 2020 13:05

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB178-TB-20201119

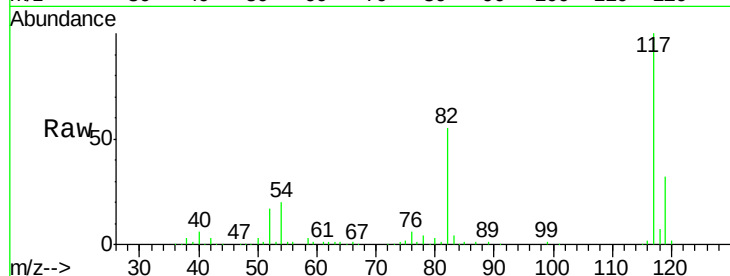
Tot Ion:117 Resp: 291532

Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.2

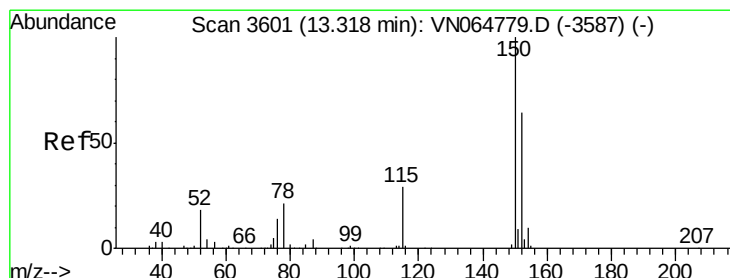
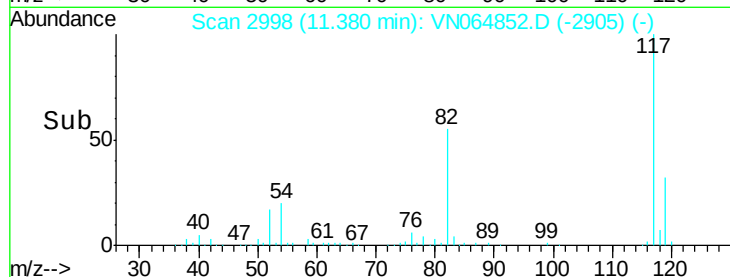
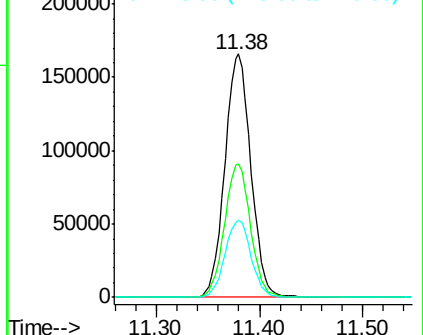
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064852.D

Acq: 25 Nov 2020 13:05

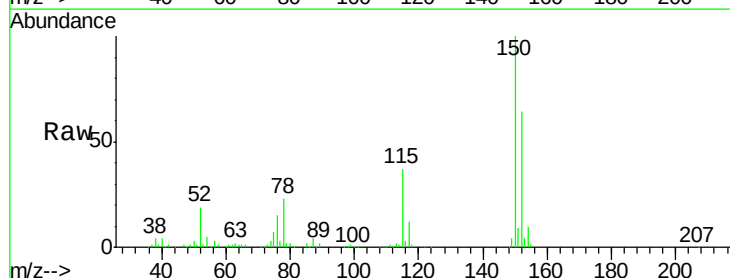
Tgt Ion:152 Resp: 131854

Ion Ratio Lower Upper

152 100

115 58.2 29.7 89.1

150 156.6 0.0 350.6



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

