

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062454.D
 Acq On : 9 Jul 2020 13:53
 Operator : JC/MD
 Sample : L3164-04DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-GW-588-590DL

Quant Time: Jul 09 14:21:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

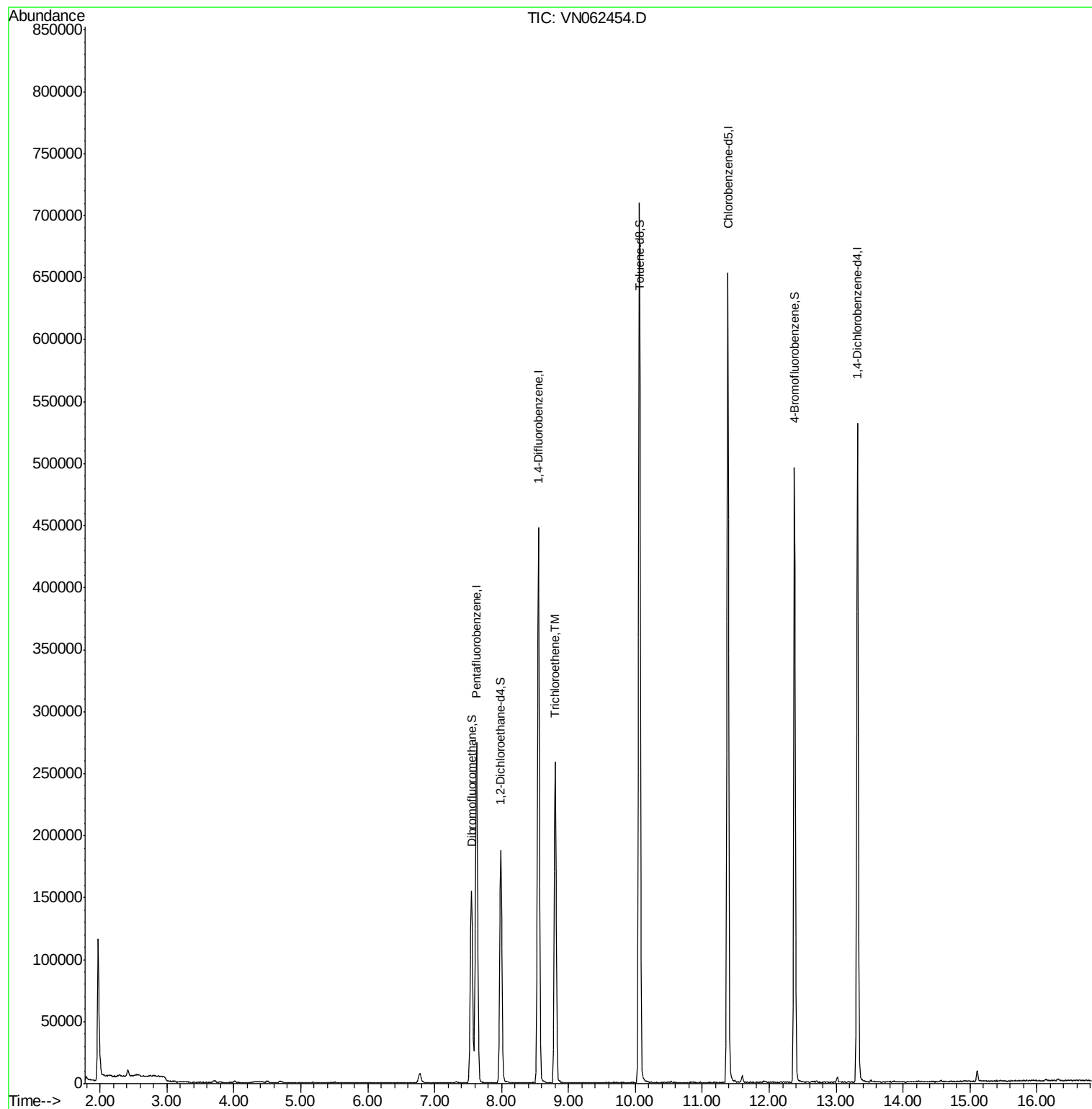
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	210203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	383699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	363081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	164690	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
35) Dibromofluoromethane	7.55	113	119629	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.06	98	487127	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.38	95	178495	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
Target Compounds						
44) Trichloroethene	8.80	130	92225	36.484	ug/l	Qvalue 100

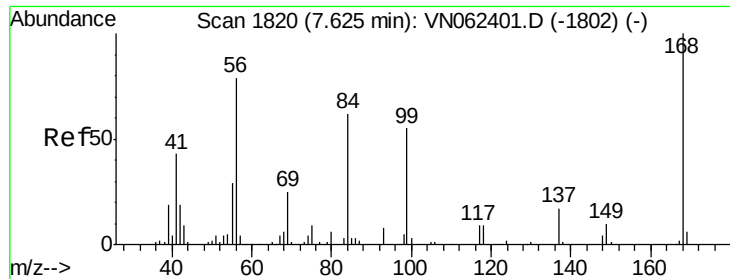
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

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Acq: 9 Jul 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

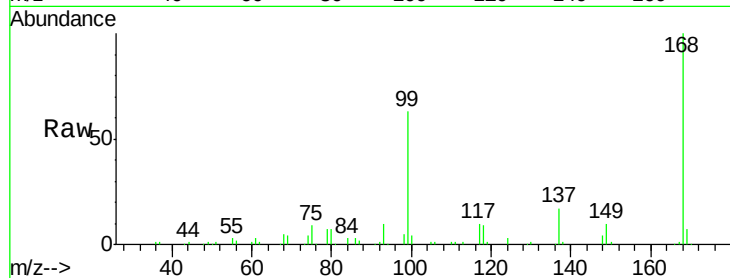
BP-MW180-GW-588-590DL

Tot Ion:168 Resp: 210203

Ion Ratio Lower Upper

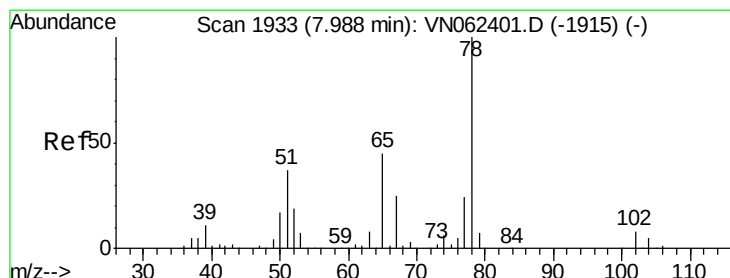
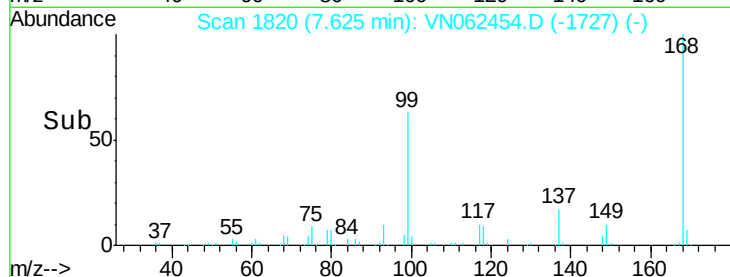
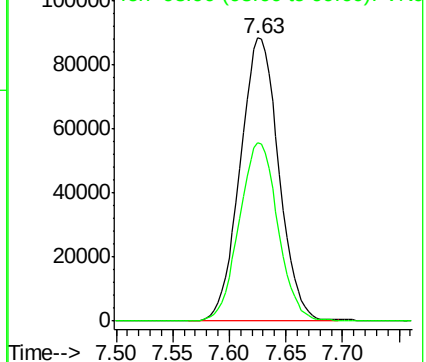
168 100

99 63.1 48.8 73.2



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: 50.937 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062454.D

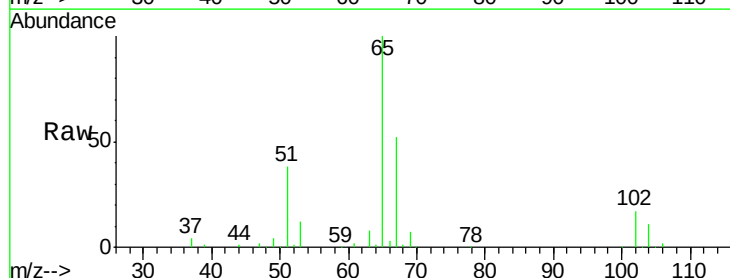
Acq: 9 Jul 2020 13:53

Tgt Ion: 65 Resp: 164690

Ion Ratio Lower Upper

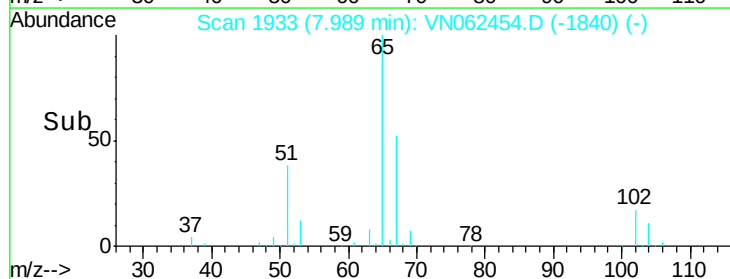
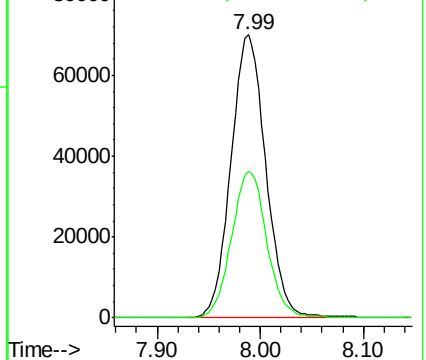
65 100

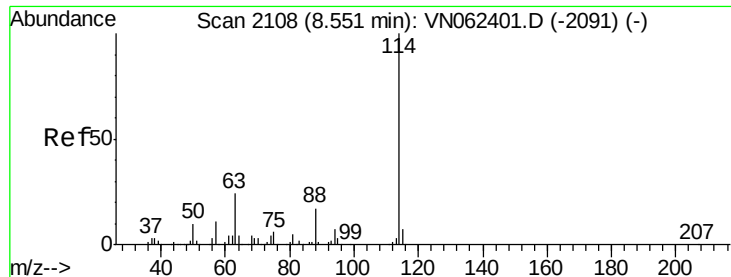
67 52.4 0.0 107.6



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# 2108

Delta R.T. 0.00 min

Lab File: VN062454.D

Acq: 9 Jul 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-GW-588-590DL

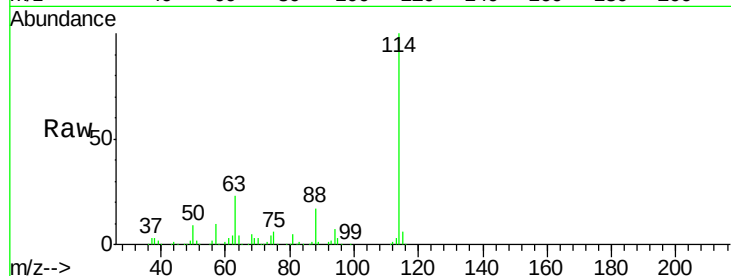
Tot Ion:114 Resp: 383699

Ion Ratio Lower Upper

114 100

63 23.4 0.0 48.4

88 17.0 0.0 33.8



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

250000

200000

150000

100000

50000

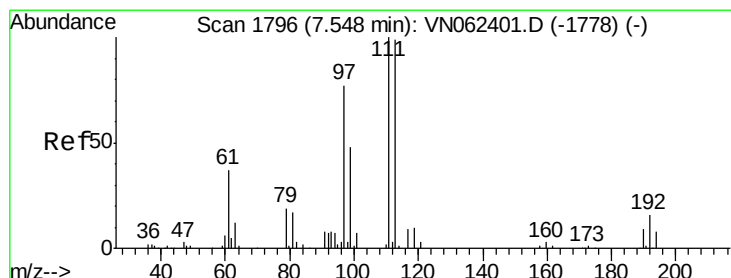
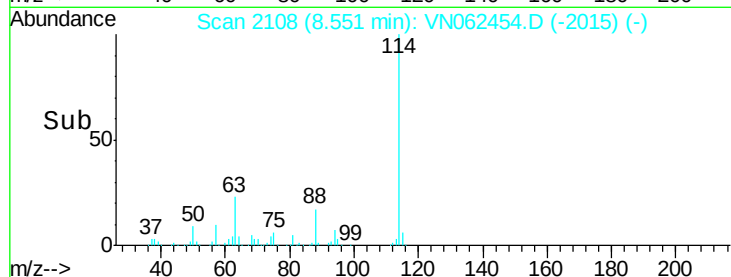
0

8.55

8.60

8.70

Time-->



#35

Dibromofluoromethane

Concen: 50.439 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062454.D

Acq: 9 Jul 2020 13:53

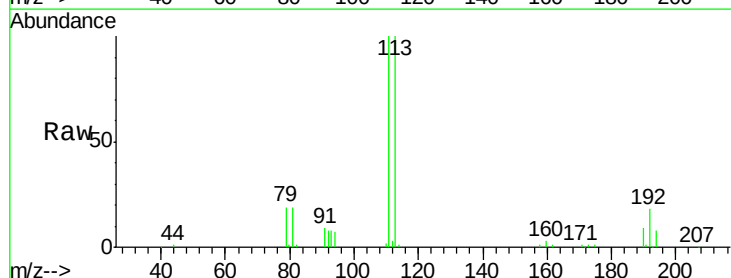
Tgt Ion:113 Resp: 119629

Ion Ratio Lower Upper

113 100

111 104.3 83.1 124.7

192 17.9 14.1 21.1



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

60000

50000

40000

30000

20000

10000

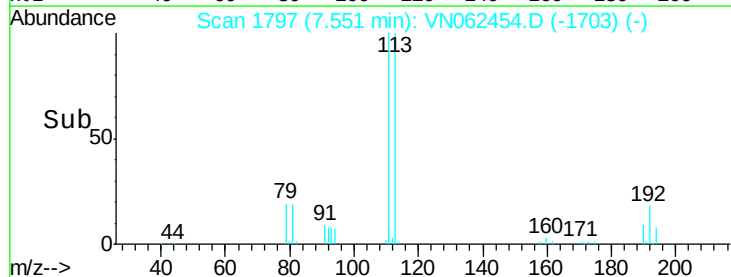
0

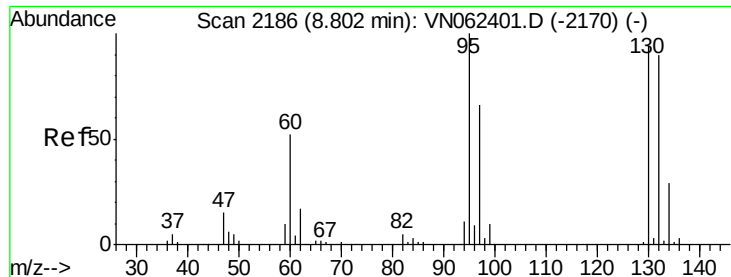
7.55

7.60

7.65

Time-->





#44

Trichloroethene

Concen: 36.484 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062454.D

Acq: 9 Jul 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

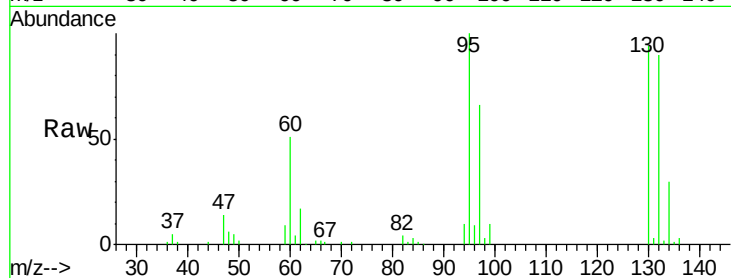
BP-MW180-GW-588-590DL

Tot Ion:130 Resp: 92225

Ion Ratio Lower Upper

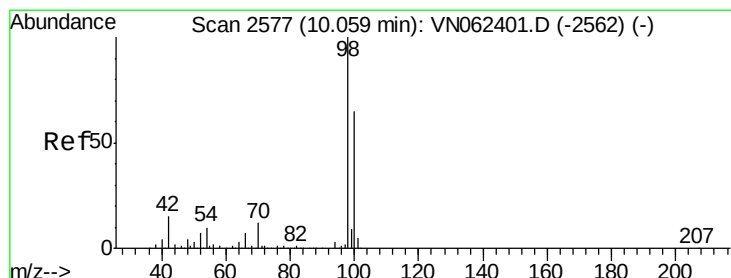
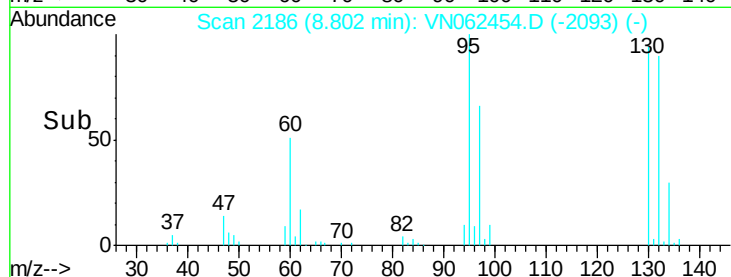
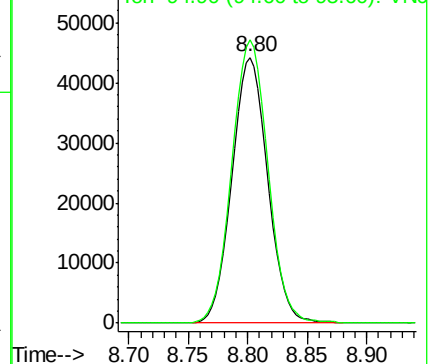
130 100

95 106.5 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 52.026 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062454.D

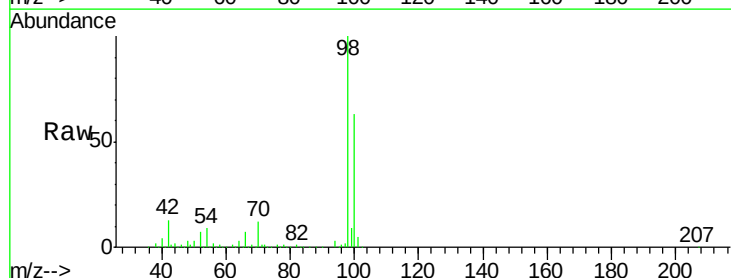
Acq: 9 Jul 2020 13:53

Tgt Ion: 98 Resp: 487127

Ion Ratio Lower Upper

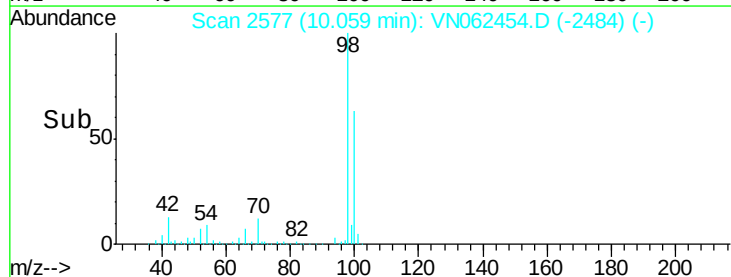
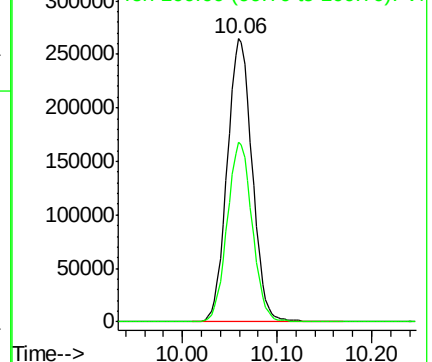
98 100

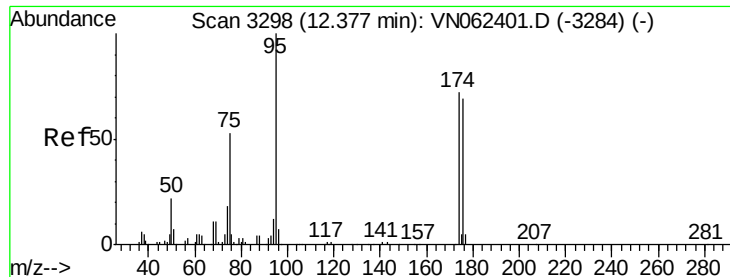
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 52.168 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062454.D

Acq: 9 Jul 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-GW-588-590DL

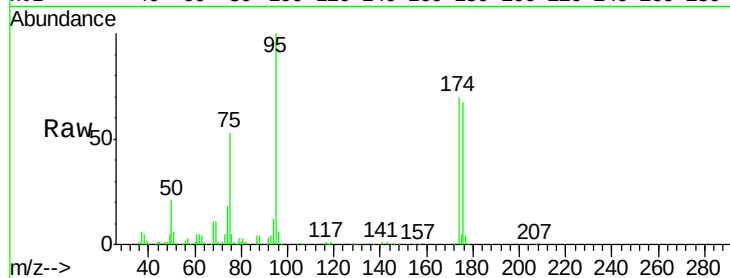
Tot Ion: 95 Resp: 178495

Ion Ratio Lower Upper

95 100

174 70.8 0.0 141.6

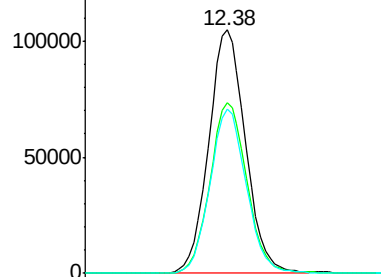
176 67.0 0.0 137.2



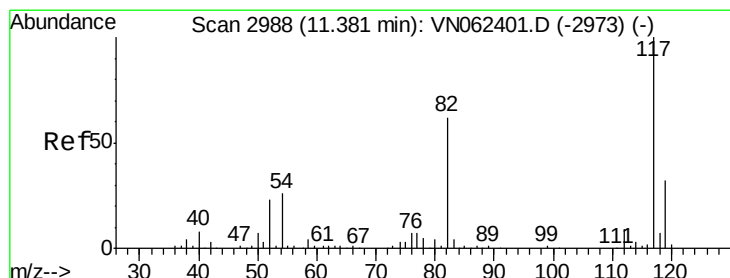
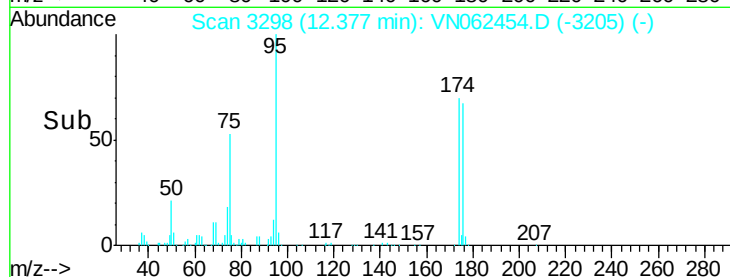
Abundance Ion 94.90 (94.60 to 95.60): VN062401.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062401.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062401.D (-3284) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062454.D

Acq: 9 Jul 2020 13:53

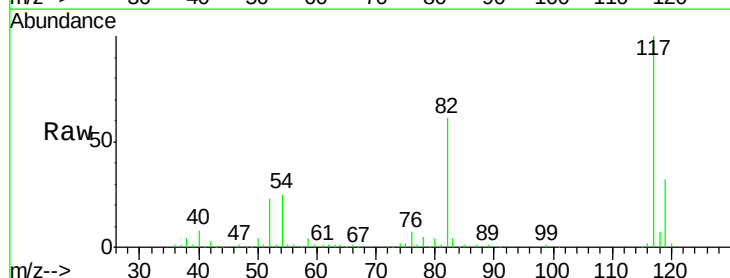
Tgt Ion: 117 Resp: 363081

Ion Ratio Lower Upper

117 100

82 61.5 49.6 74.4

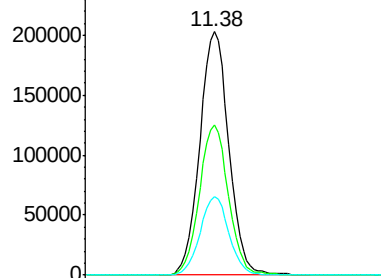
119 32.2 25.4 38.0



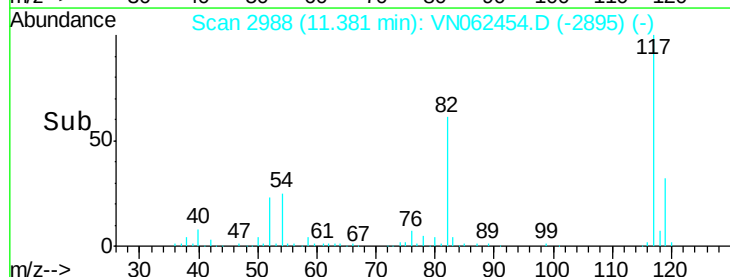
Abundance Ion 116.90 (116.60 to 117.60): VN062401.D (-2973) (-)

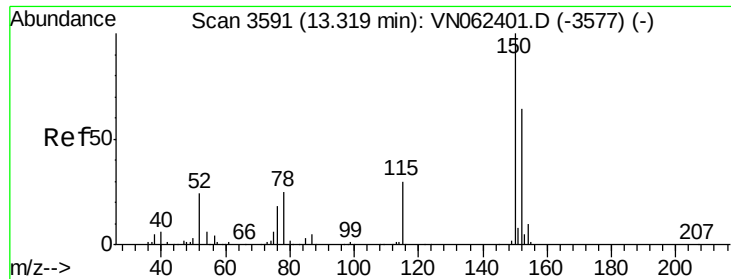
Ion 82.00 (81.70 to 82.70): VN062401.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN062401.D (-2973) (-)



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062454.D

Acq: 9 Jul 2020 13:53

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-GW-588-590DL

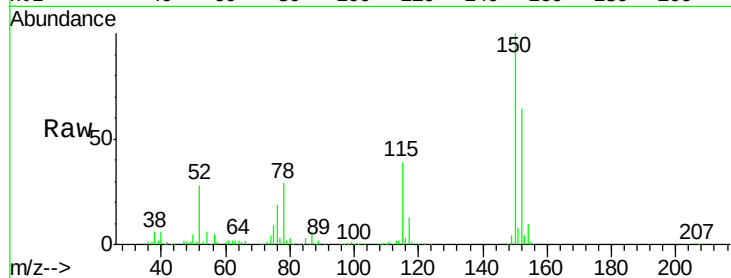
Tot Ion:152 Resp: 136210

Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.2

150 157.7 0.0 347.4



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

