

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062852.D
 Acq On : 12 Aug 2020 12:47
 Operator : JC/MD
 Sample : L3666-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-TB-20200807

Quant Time: Aug 13 05:45:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	123537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	214102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	215562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104685	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.55	113	75425	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
50) Toluene-d8	10.06	98	276837	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.38	95	101785	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	

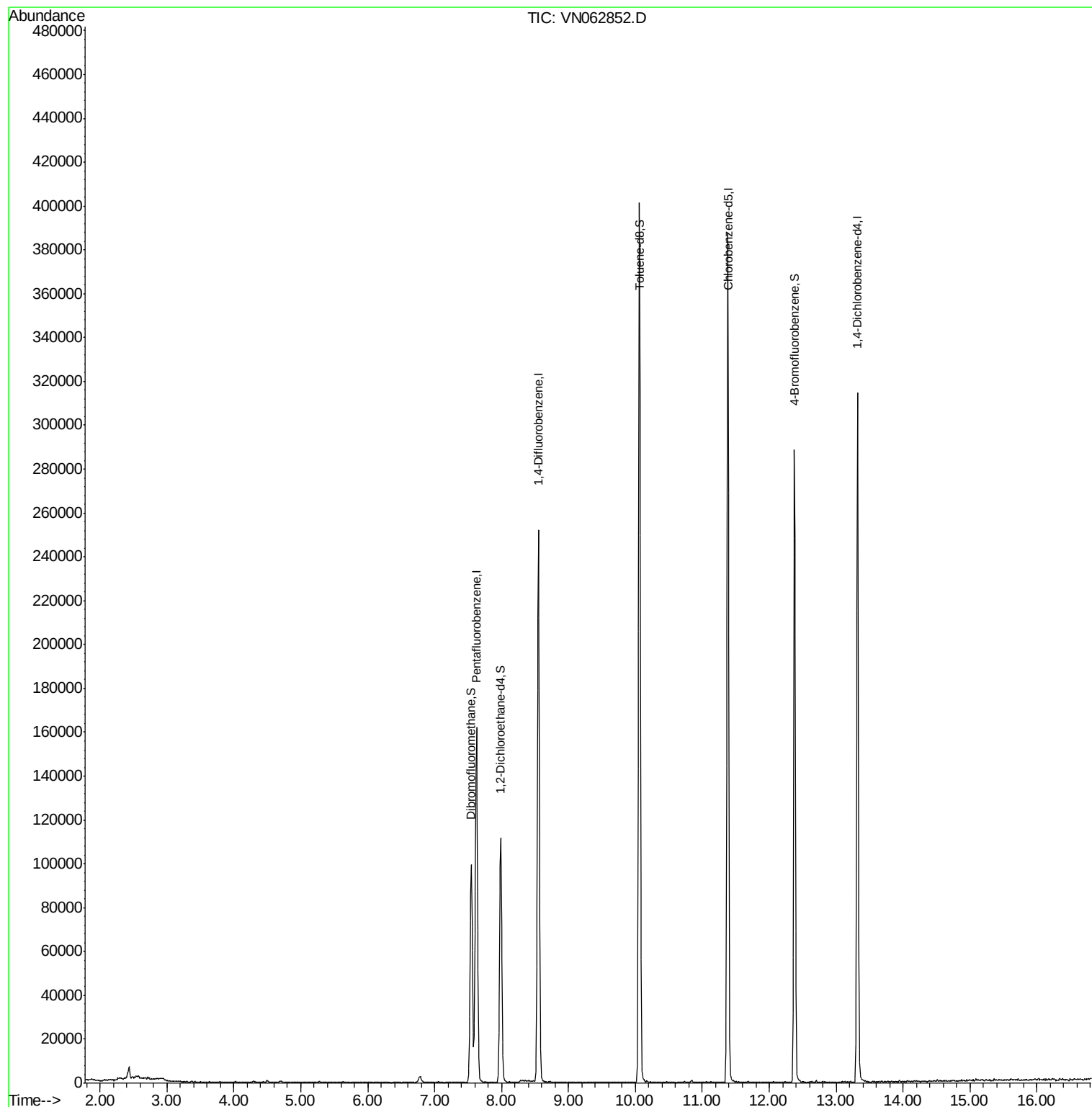
Target Compounds	Qvalue
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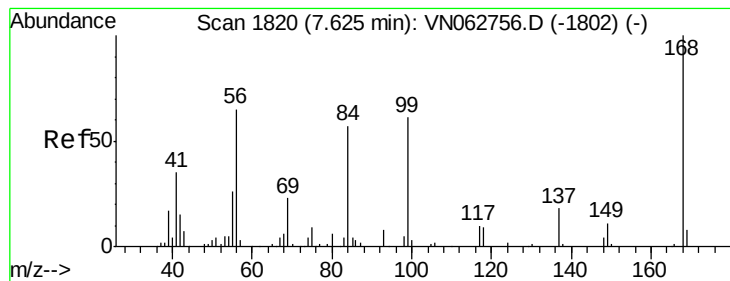
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062852.D

Acq: 12 Aug 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

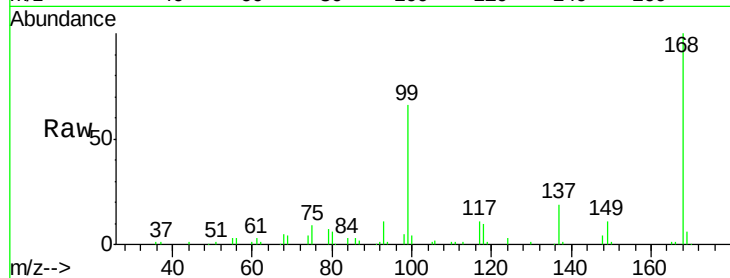
BP-VPB179-TB-20200807

Tot Ion:168 Resp: 123537

Ion Ratio Lower Upper

168 100

99 65.8 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062852.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062852.D (-1727) (-)

7.63

60000

50000

40000

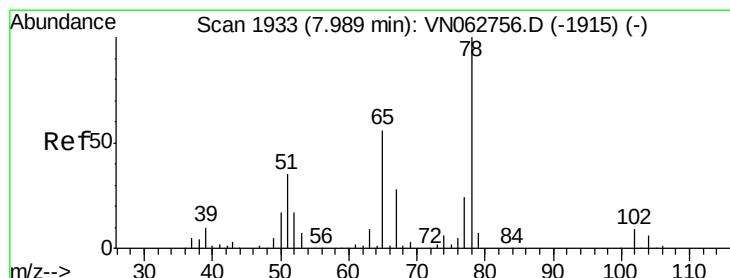
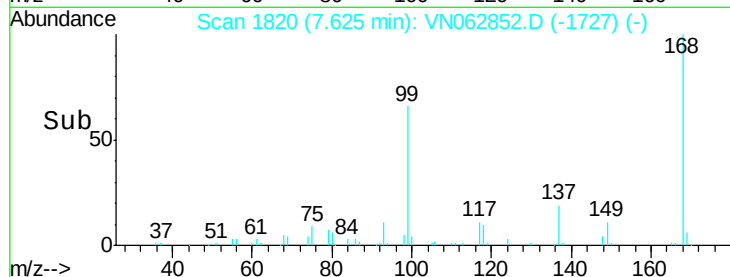
30000

20000

10000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.243 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062852.D

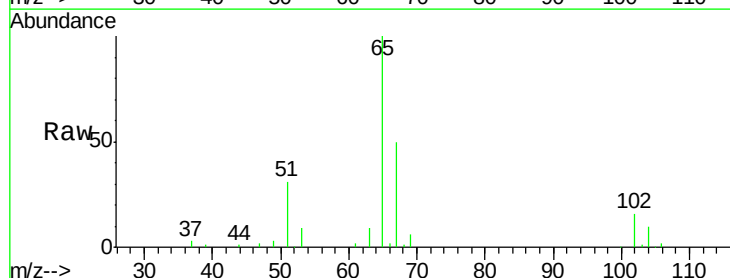
Acq: 12 Aug 2020 12:47

Tgt Ion: 65 Resp: 104685

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062852.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062852.D (-1840) (-)

7.99

50000

40000

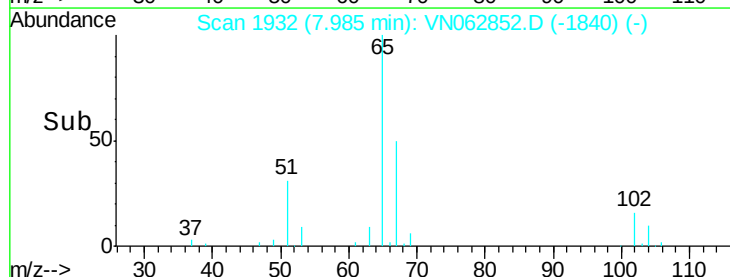
30000

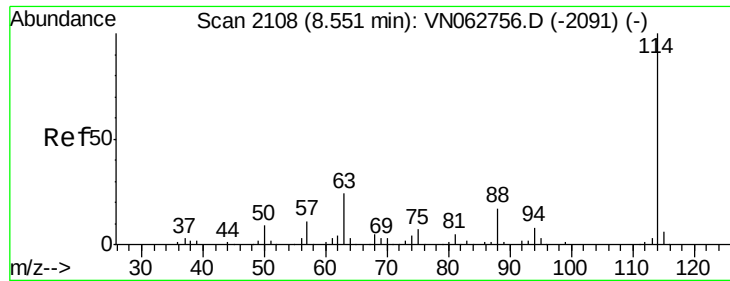
20000

10000

0

Time--> 7.90 7.95 8.00 8.05

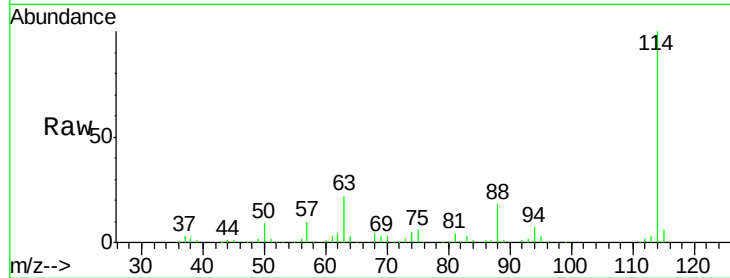




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062852.D
 Acq: 12 Aug 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-TB-20200807

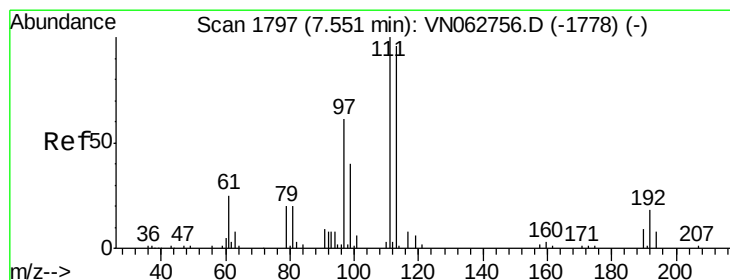
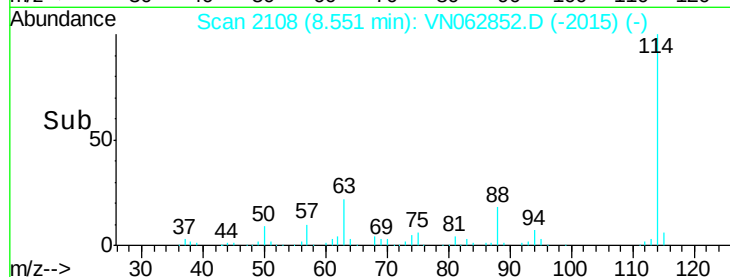
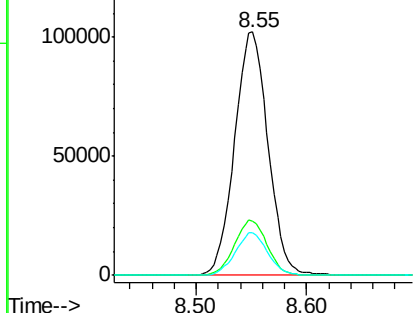
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	47.6
88	17.6	0.0	34.4



Abundance Ion 113.90 (113.60 to 114.60): V

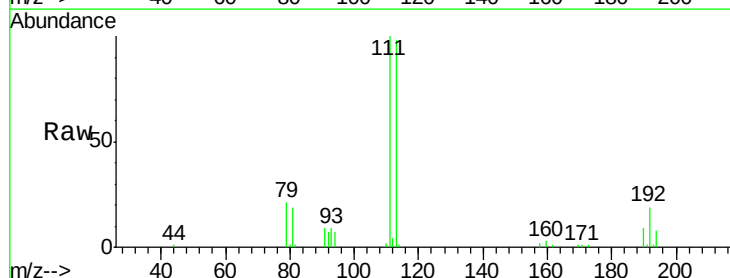
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 51.499 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062852.D
 Acq: 12 Aug 2020 12:47

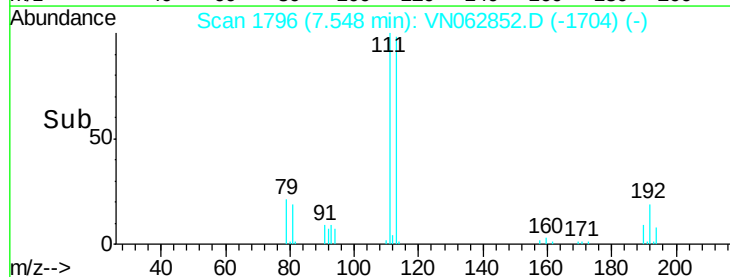
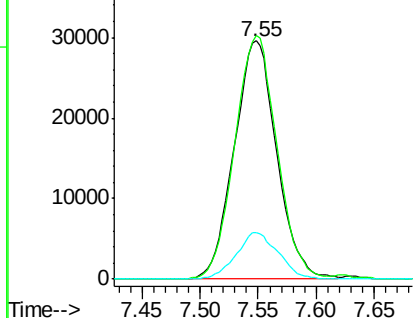
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	19.3	15.0	22.4

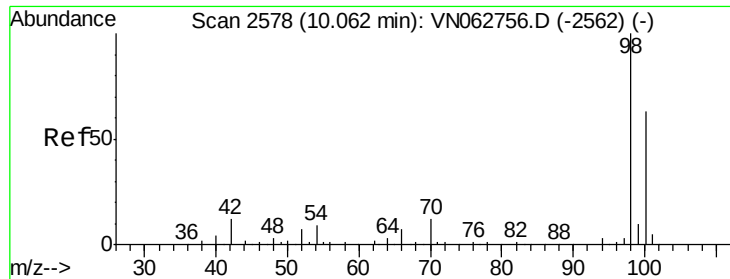


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.416 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062852.D

Acq: 12 Aug 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

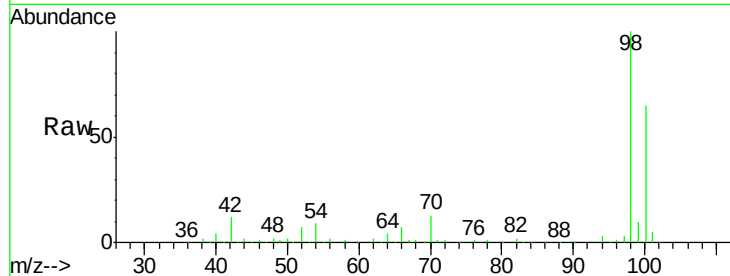
BP-VPB179-TB-20200807

Tot Ion: 98 Resp: 276837

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

150000

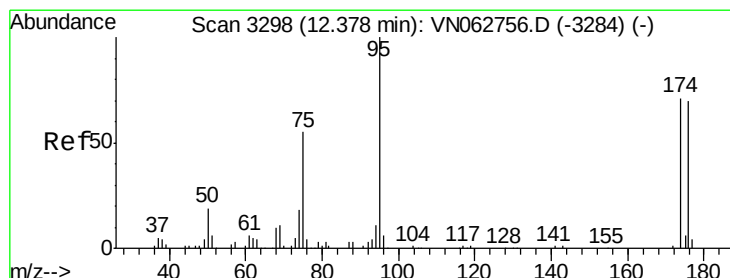
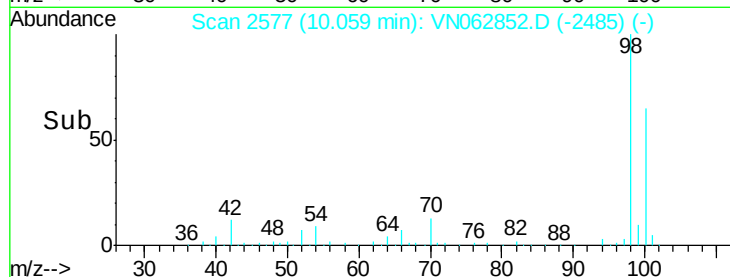
100000

50000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 47.106 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062852.D

Acq: 12 Aug 2020 12:47

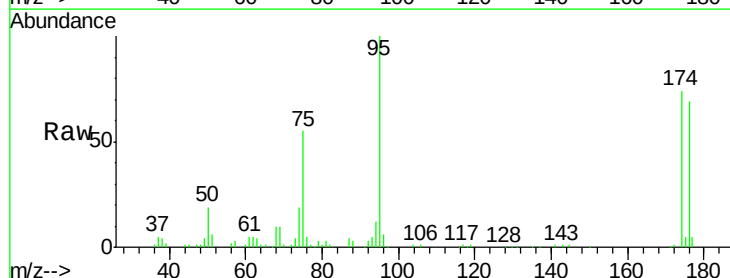
Tgt Ion: 95 Resp: 101785

Ion Ratio Lower Upper

95 100

174 74.9 0.0 144.8

176 70.3 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

12.38

80000

60000

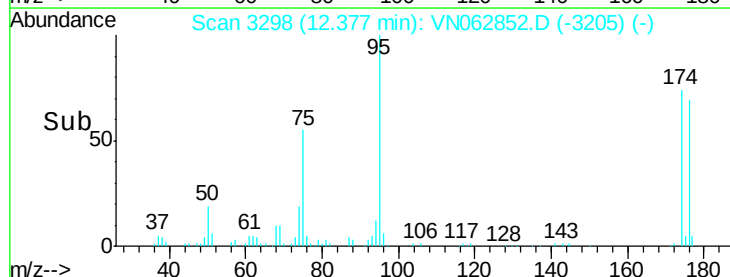
40000

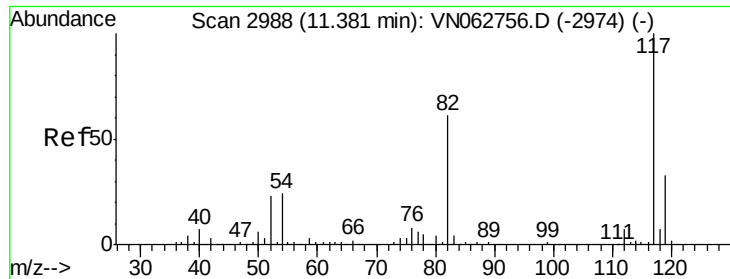
20000

0

12.30 12.40 12.50

Time-->

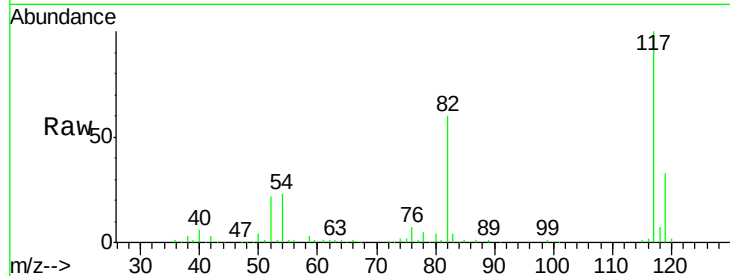




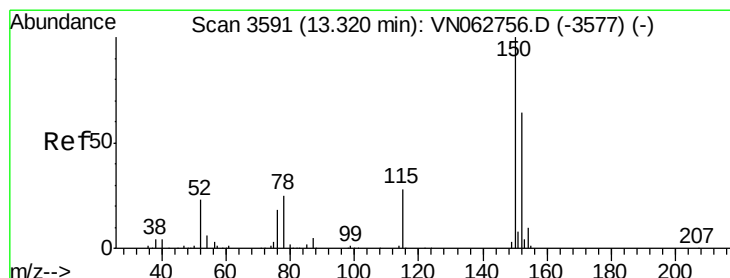
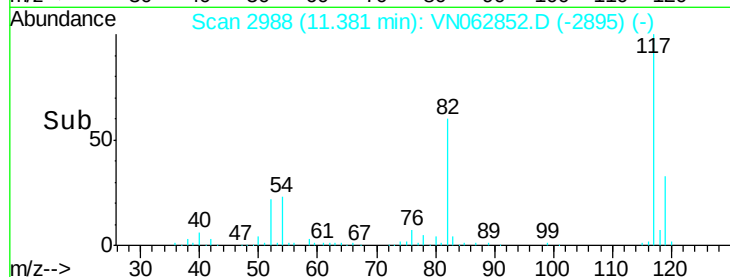
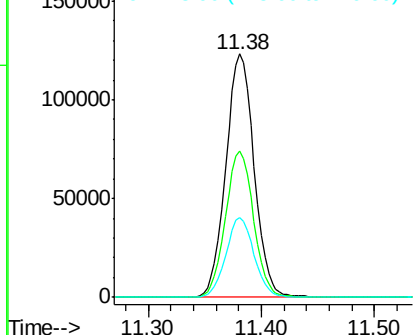
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062852.D
Acq: 12 Aug 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-TB-20200807

Tot Ion:117 Resp: 215562
Ion Ratio Lower Upper
117 100
82 60.0 49.0 73.4
119 33.0 26.2 39.2

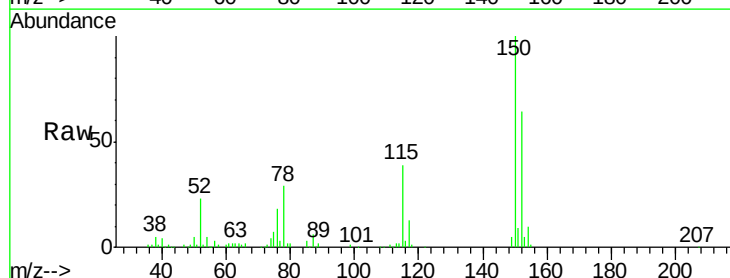


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062852.D
Acq: 12 Aug 2020 12:47

Tgt Ion:152 Resp: 82944
Ion Ratio Lower Upper
152 100
115 62.3 31.6 94.8
150 156.3 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

