

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064953.D
 Acq On : 7 Dec 2020 18:24
 Operator : JC/MD
 Sample : L4962-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 08 08:36:20 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	173863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	308009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	321745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105868	52.38	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.76%
35) Dibromofluoromethane	7.55	113	98804	53.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.22%
50) Toluene-d8	10.06	98	382146	50.75	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.50%
62) 4-Bromofluorobenzene	12.38	95	148818	55.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.44%

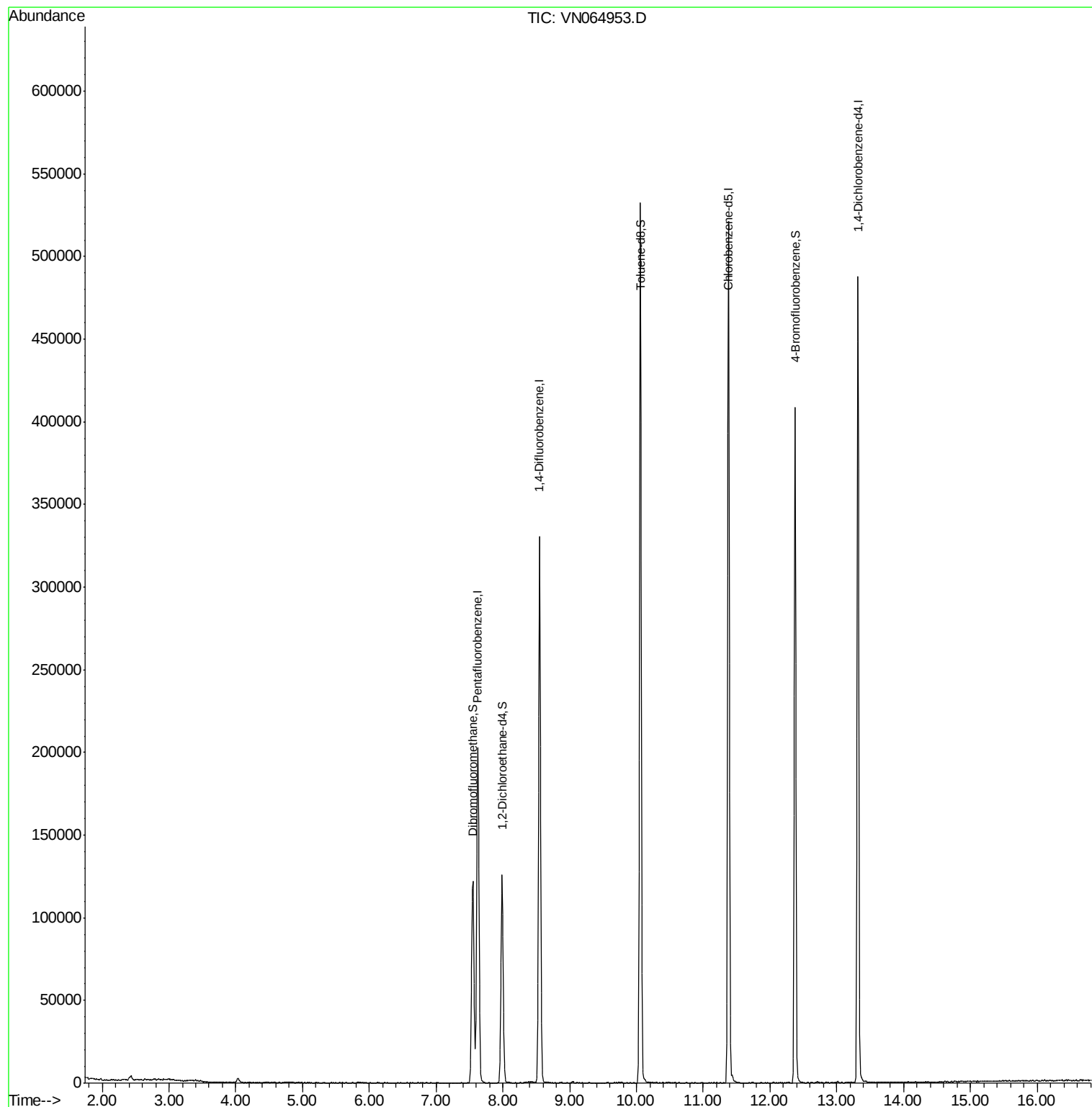
Target Compounds	Qvalue

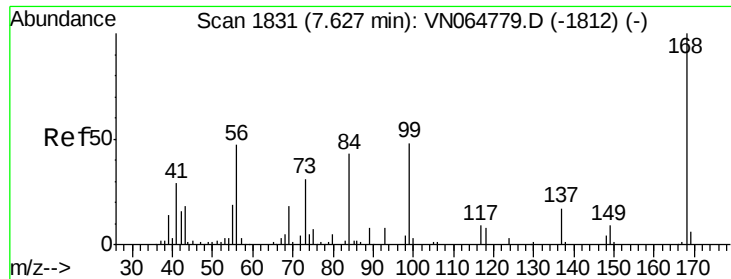
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120720\
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QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064953.D

Acq: 7 Dec 2020 18:24

Instrument :

MSVOA_N

ClientSampled :

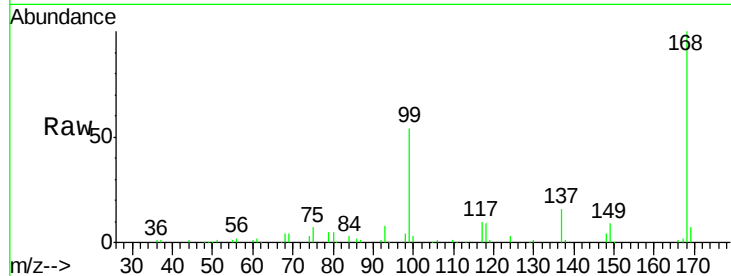
MW-1

Tot Ion:168 Resp: 173863

Ion Ratio Lower Upper

168 100

99 53.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

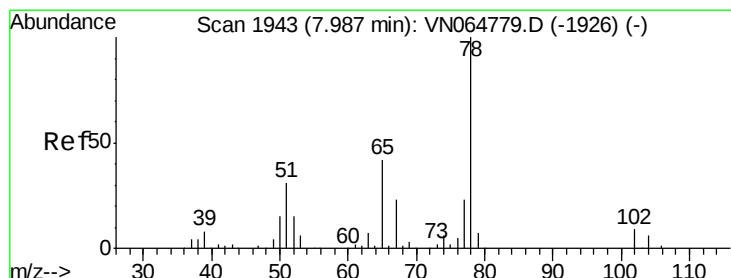
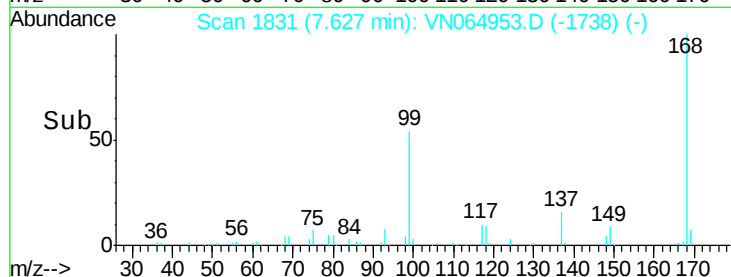
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.377 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064953.D

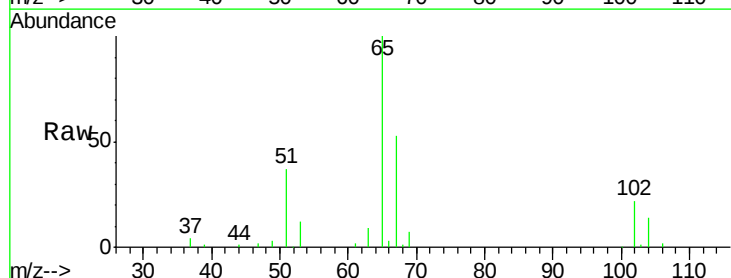
Acq: 7 Dec 2020 18:24

Tgt Ion: 65 Resp: 105868

Ion Ratio Lower Upper

65 100

67 55.3 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

50000

40000

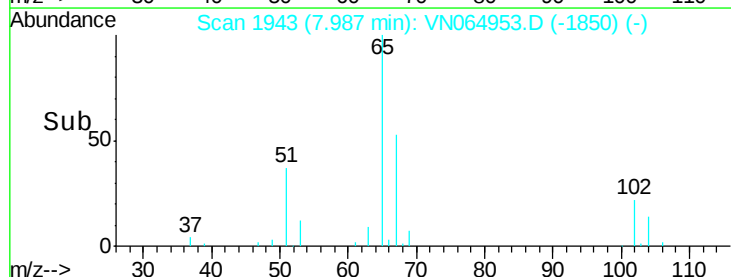
30000

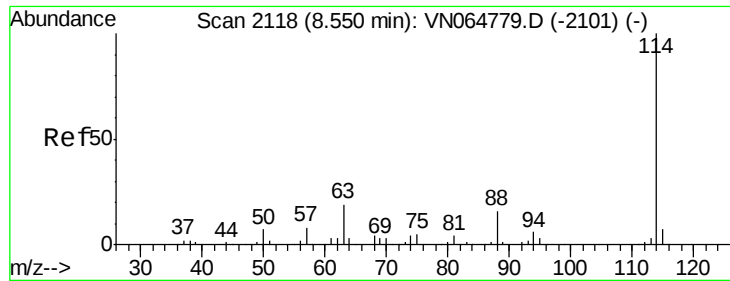
20000

10000

0

Time--> 7.90 7.95 8.00 8.05

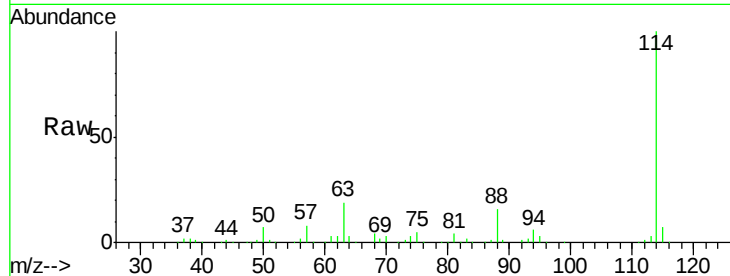




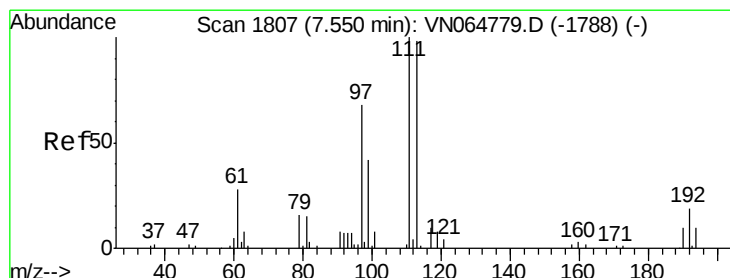
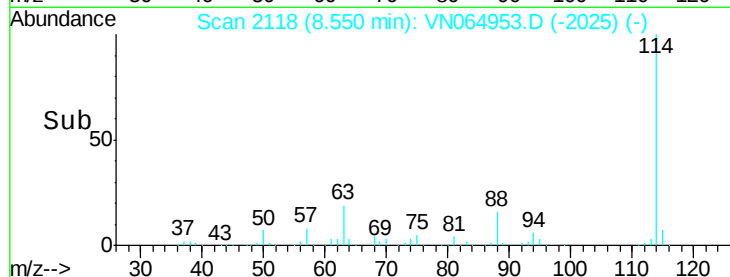
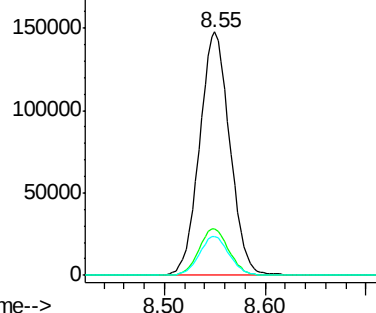
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064953.D
 Acq: 7 Dec 2020 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	16.0	0.0	32.6

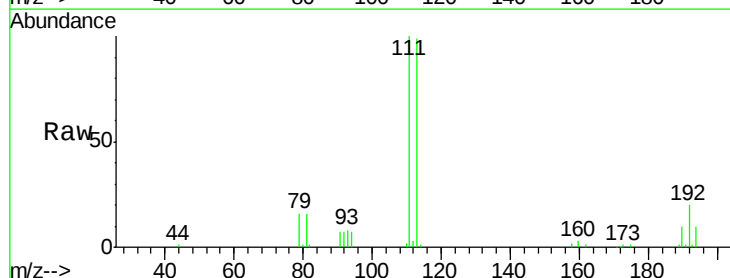


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

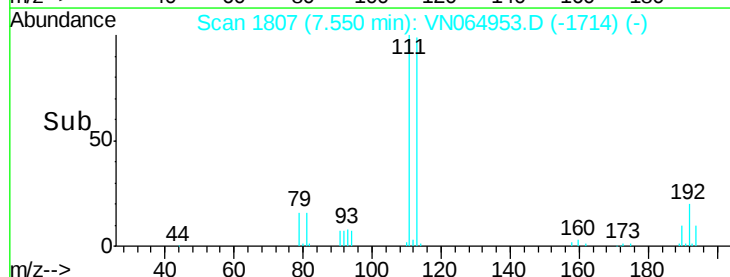
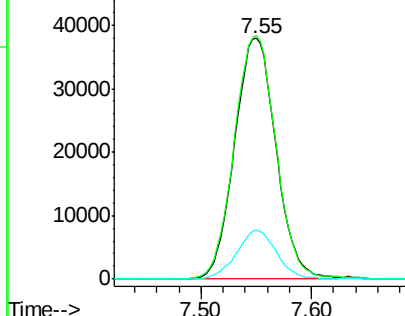


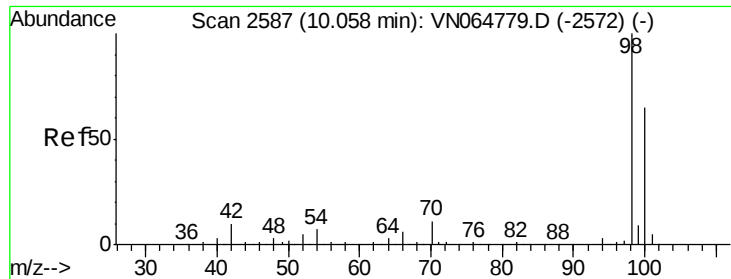
#35
 Dibromofluoromethane
 Concen: 53.610 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064953.D
 Acq: 7 Dec 2020 18:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.6	122.4
192	19.5	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: 50.747 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064953.D

Acq: 7 Dec 2020 18:24

Instrument :

MSVOA_N

ClientSampled :

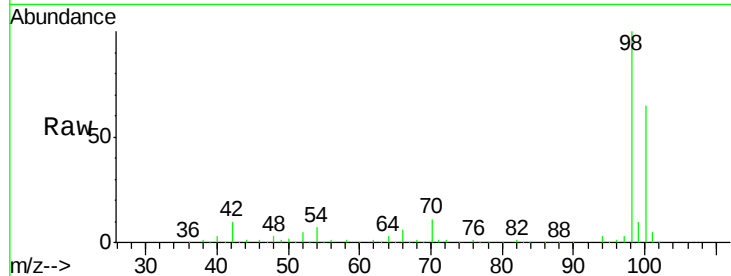
MW-1

Tot Ion: 98 Resp: 382146

Ion Ratio Lower Upper

98 100

100 64.0 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

250000

200000

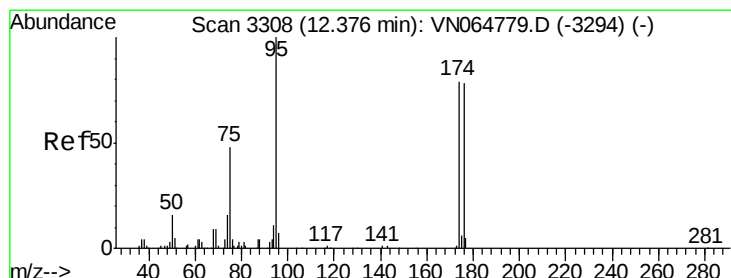
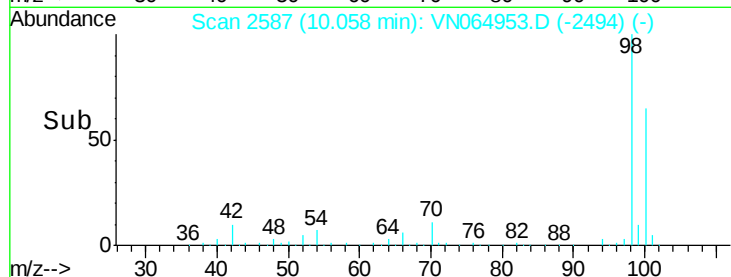
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.220 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064953.D

Acq: 7 Dec 2020 18:24

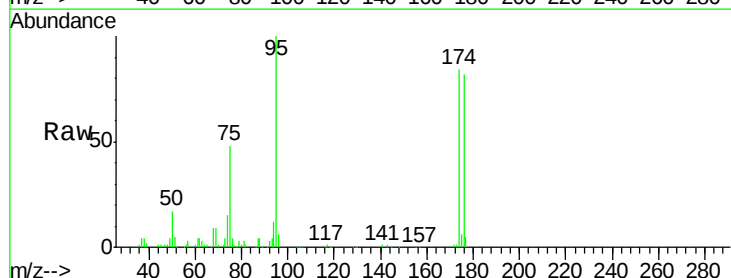
Tgt Ion: 95 Resp: 148818

Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.4

176 78.9 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) (-)

12.38

100000

80000

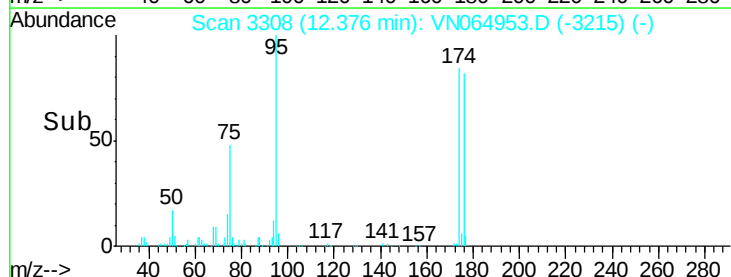
60000

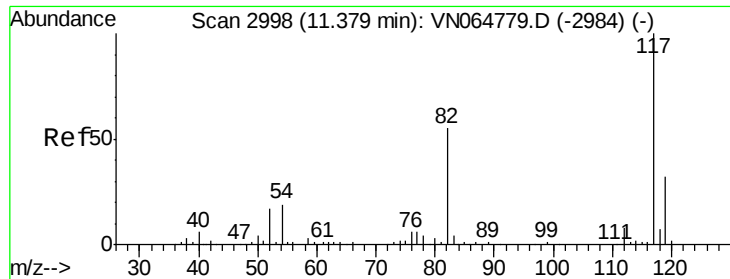
40000

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: VN064953.D

Acq: 7 Dec 2020 18:24

Instrument :

MSVOA_N

ClientSampled :

MW-1

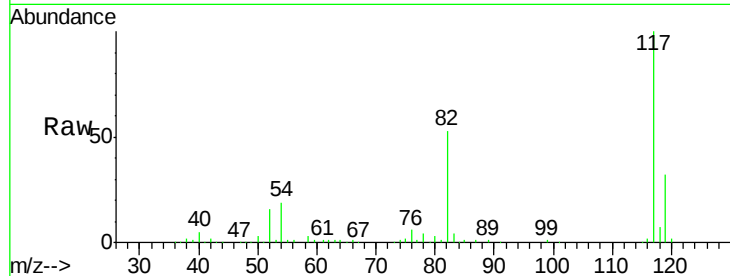
Tot Ion:117 Resp: 321745

Ion Ratio Lower Upper

117 100

82 53.3 44.2 66.2

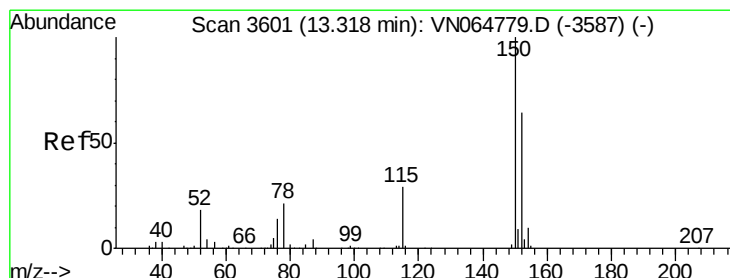
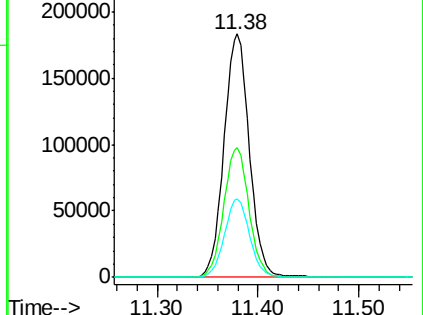
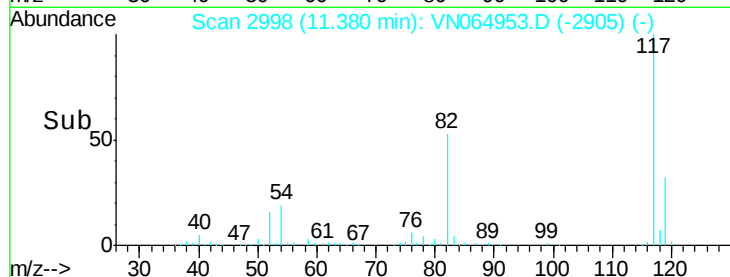
119 32.3 25.8 38.6



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: VN064953.D

Acq: 7 Dec 2020 18:24

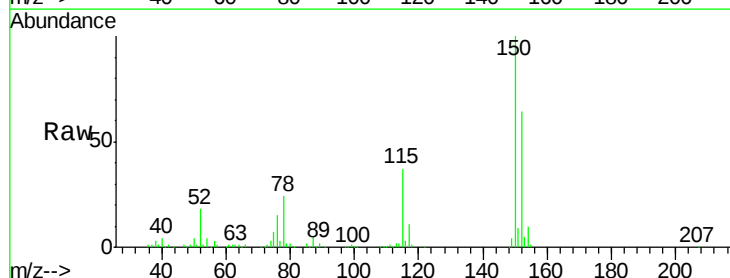
Tgt Ion:152 Resp: 141903

Ion Ratio Lower Upper

152 100

115 58.0 29.7 89.1

150 156.7 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

