

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064954.D
 Acq On : 7 Dec 2020 18:48
 Operator : JC/MD
 Sample : L4962-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Dec 08 08:37:25 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	173102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	305928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	313921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137116	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105621	52.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	104.96%	
35) Dibromofluoromethane	7.55	113	96813	52.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	105.78%	
50) Toluene-d8	10.06	98	381937	51.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.38	95	144718	54.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	108.12%	

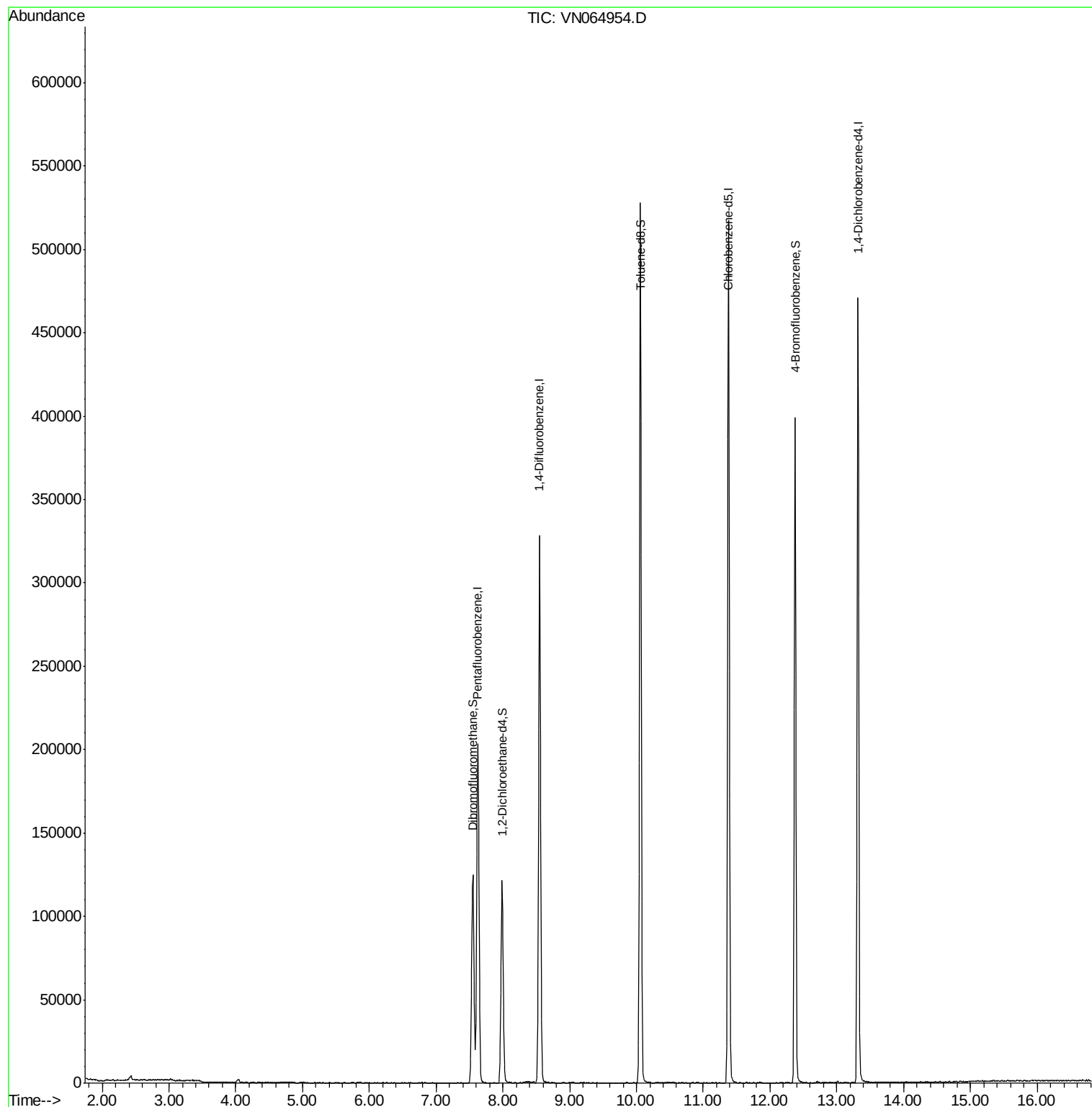
Target Compounds	Qvalue
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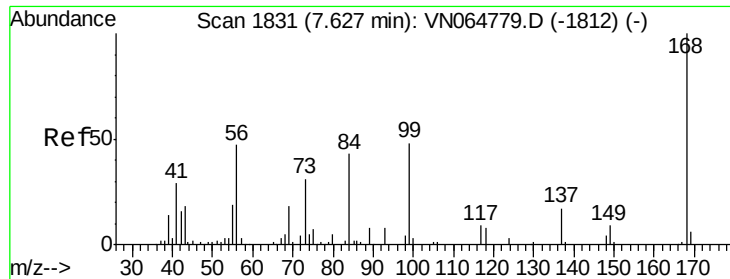
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064954.D

Acq: 7 Dec 2020 18:48

Instrument :

MSVOA_N

ClientSampled :

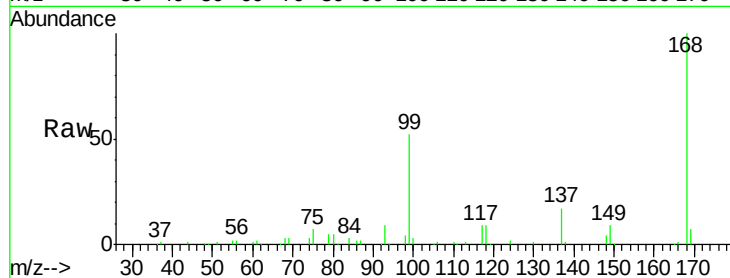
MW-3

Tot Ion:168 Resp: 173102

Ion Ratio Lower Upper

168 100

99 52.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

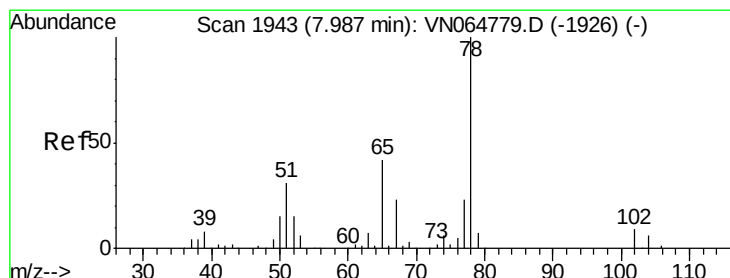
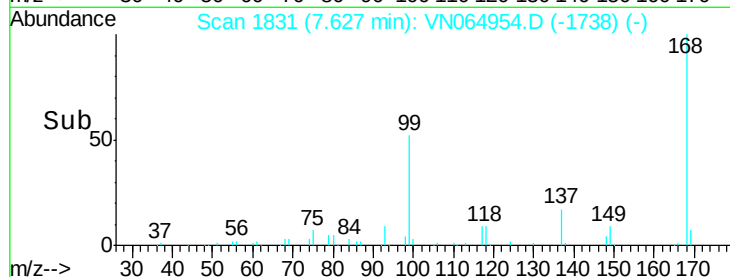
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.484 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064954.D

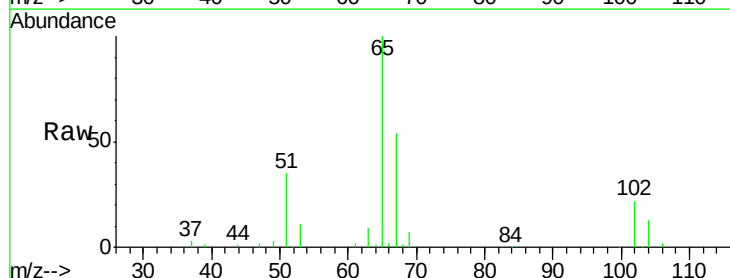
Acq: 7 Dec 2020 18:48

Tgt Ion: 65 Resp: 105621

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

50000

40000

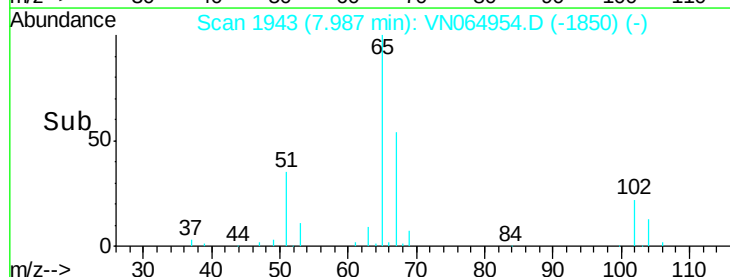
30000

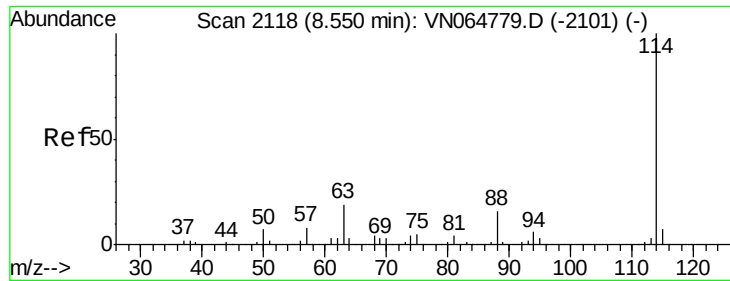
20000

10000

0

Time--> 7.90 7.95 8.00 8.05 8.10

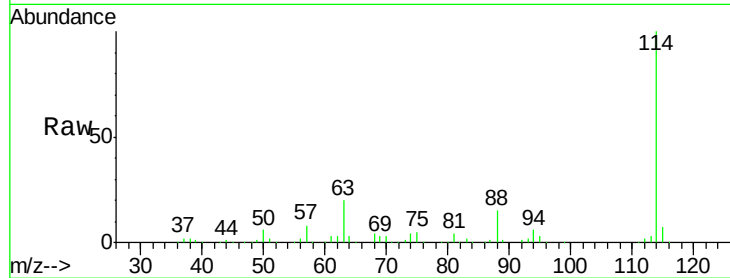




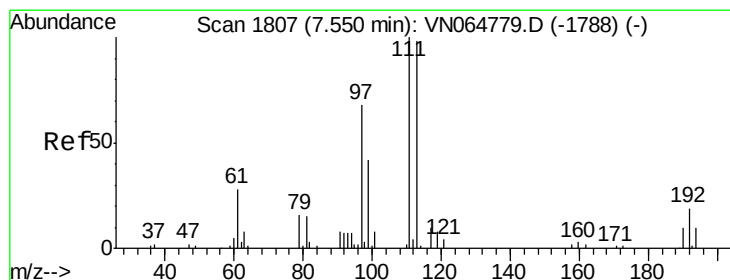
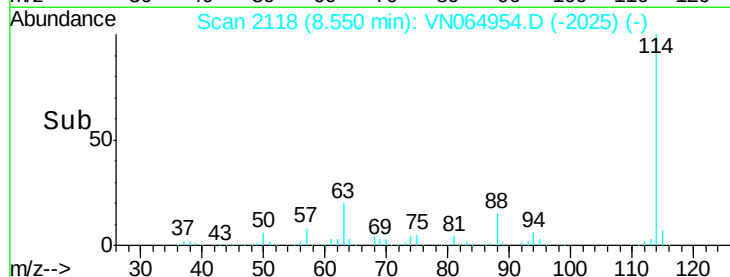
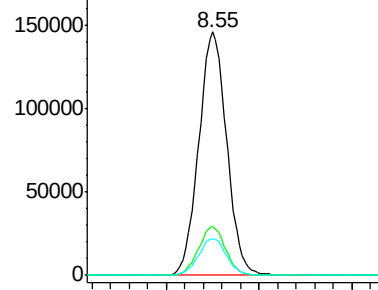
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064954.D
Acq: 7 Dec 2020 18:48

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.6
88	14.9	0.0	32.6

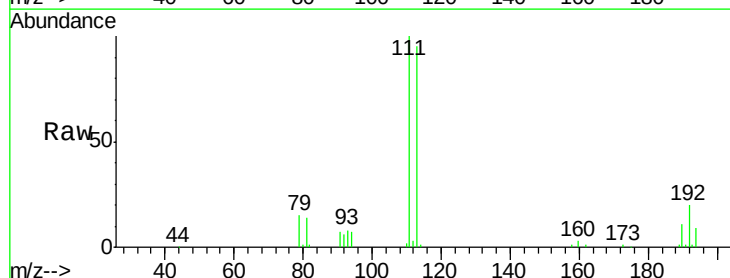


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

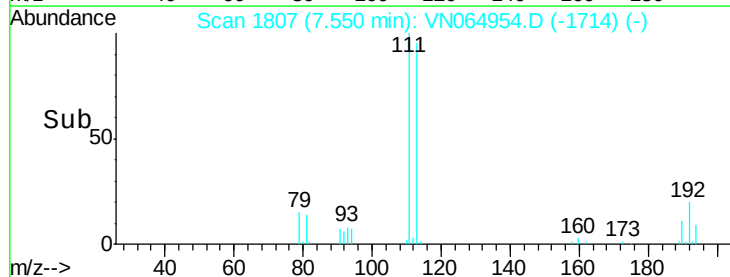
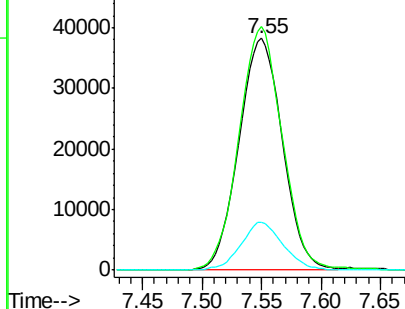


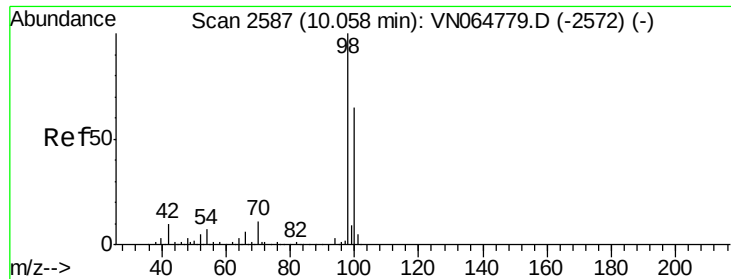
#35
Dibromofluoromethane
Concen: 52.887 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064954.D
Acq: 7 Dec 2020 18:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.6	122.4
192	20.0	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: 51.064 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064954.D

Acq: 7 Dec 2020 18:48

Instrument :

MSVOA_N

ClientSampleId :

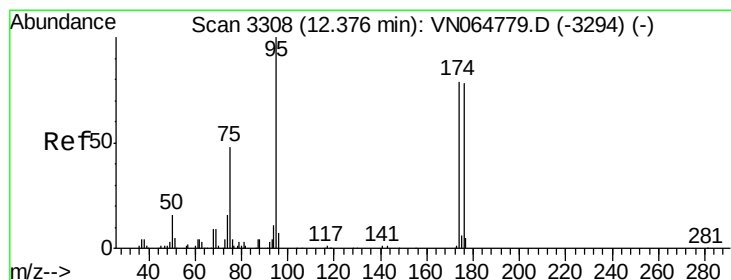
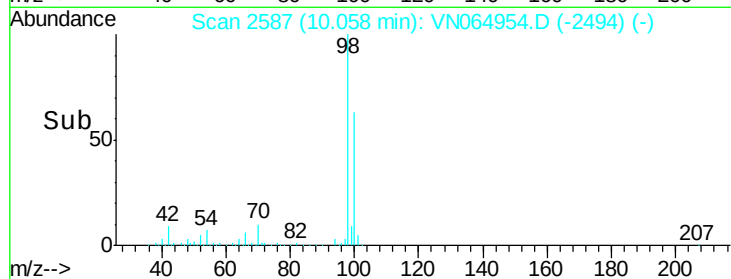
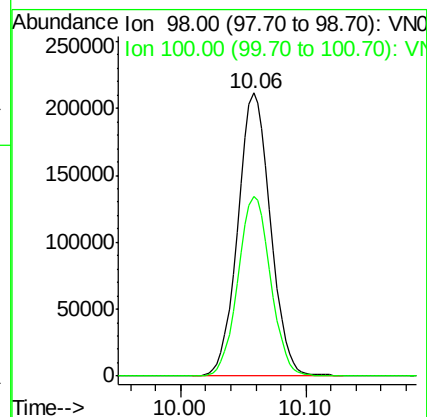
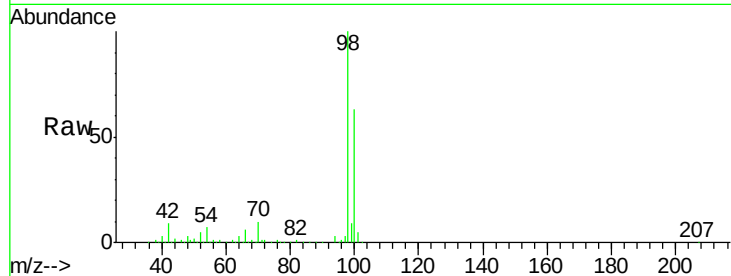
MW-3

Tot Ion: 98 Resp: 381937

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 54.064 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064954.D

Acq: 7 Dec 2020 18:48

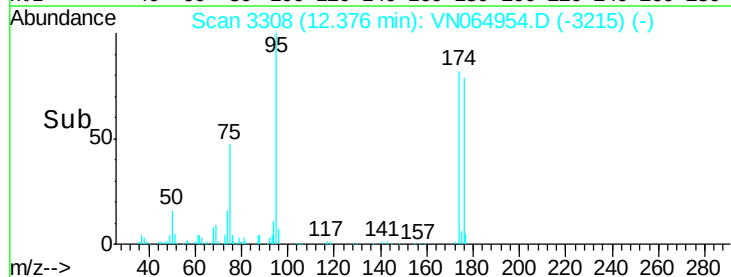
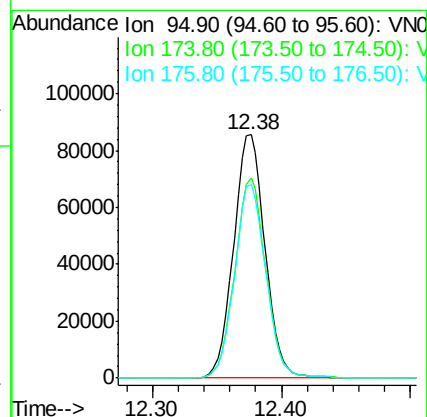
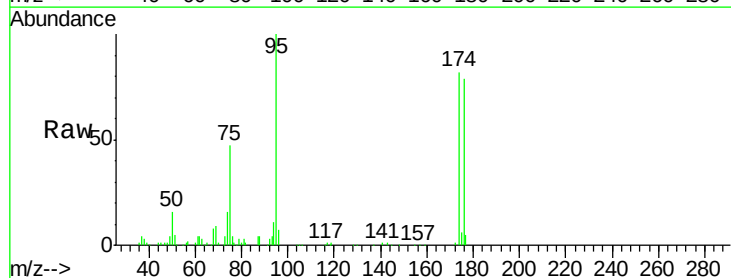
Tgt Ion: 95 Resp: 144718

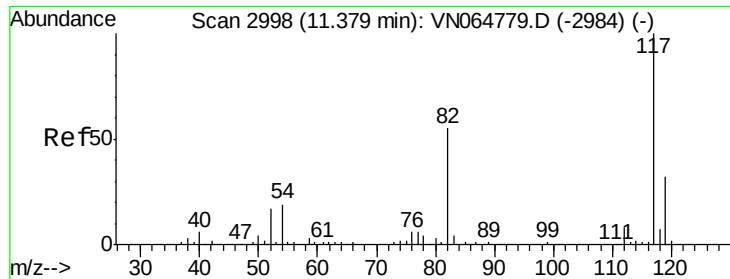
Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.4

176 78.8 0.0 158.4

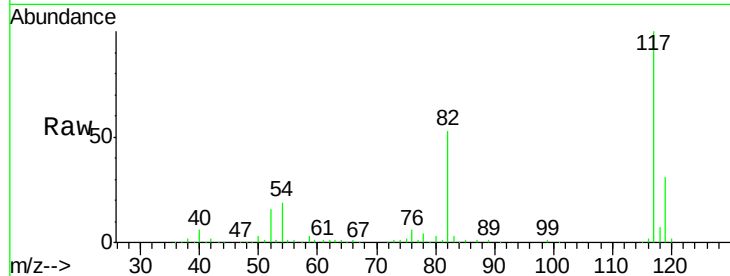




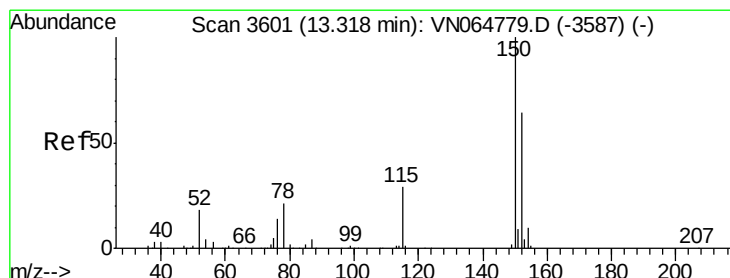
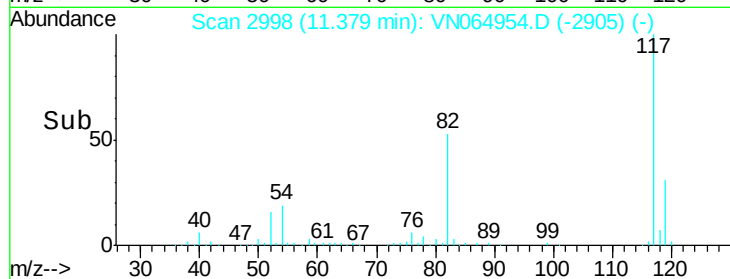
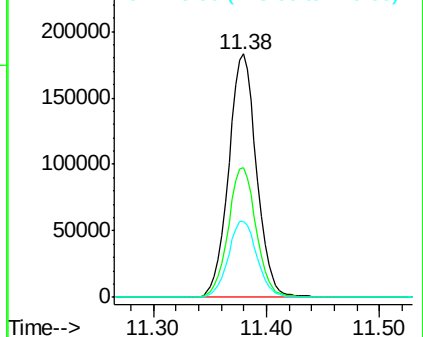
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064954.D
Acq: 7 Dec 2020 18:48

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion:117 Resp: 313921
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 31.4 25.8 38.6

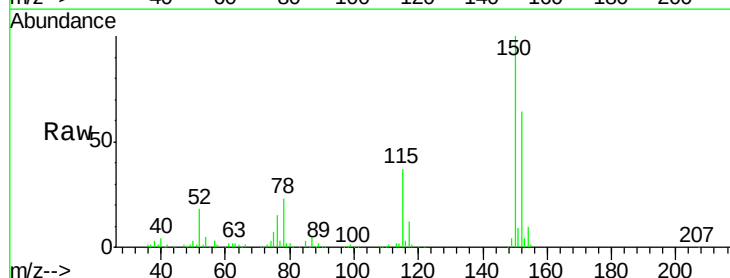


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064954.D
Acq: 7 Dec 2020 18:48

Tgt Ion:152 Resp: 137116
Ion Ratio Lower Upper
152 100
115 57.5 29.7 89.1
150 154.5 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

