

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074692.D
 Acq On : 01 Oct 2022 06:01
 Operator : JC\MD
 Sample : N4882-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW106S

Quant Time: Oct 03 02:12:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.933	168	480801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	939026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	944151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	426835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	633938	52.609	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.220%
35) Dibromofluoromethane	7.863	113	513769	51.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.380%
50) Toluene-d8	10.310	98	1935186	46.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.604	95	641144	48.364	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.720%

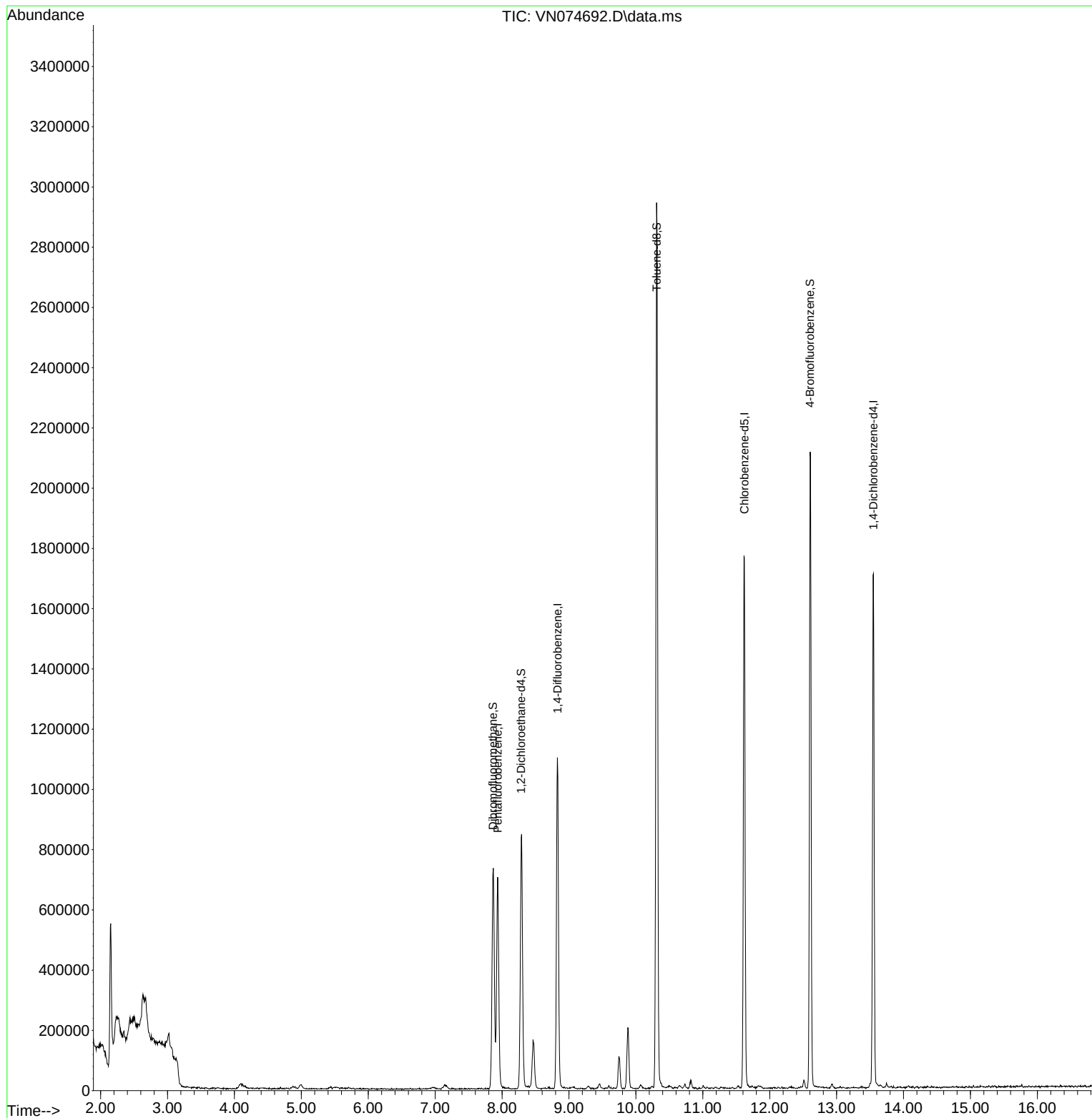
Target Compounds	Qvalue

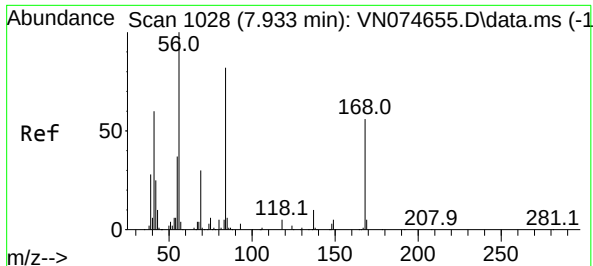
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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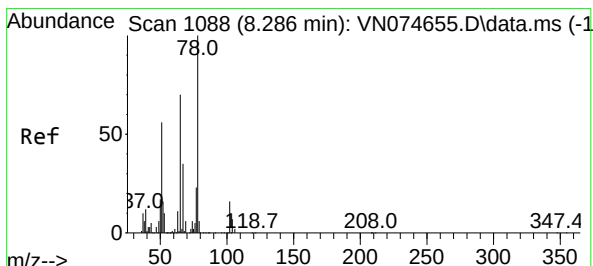
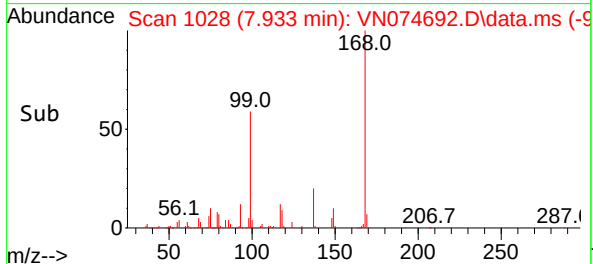
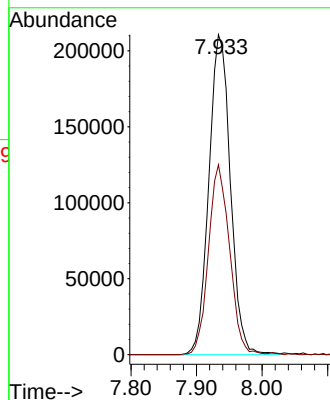
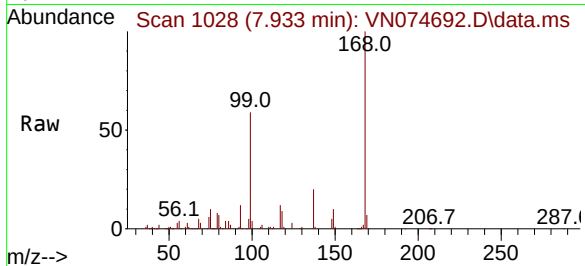




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074692.D
Acq: 01 Oct 2022 06:01

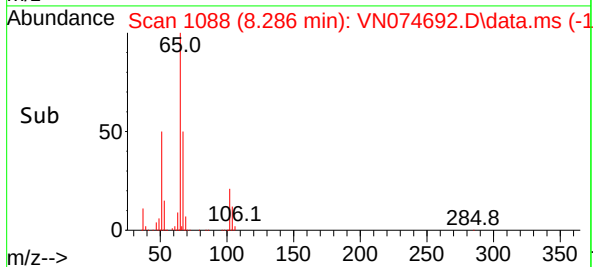
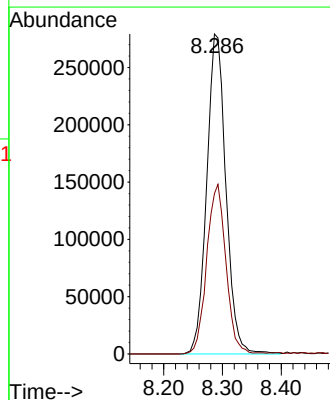
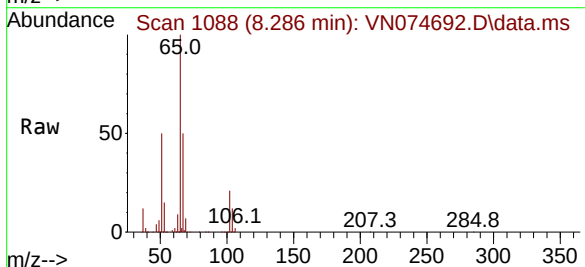
Instrument :
MSVOA_N
ClientSampleId :
MW106S

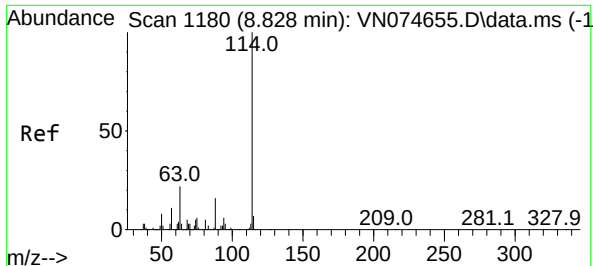
Tgt Ion:168 Resp: 480801
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 52.609 ug/l
RT: 8.286 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN074692.D
Acq: 01 Oct 2022 06:01

Tgt Ion: 65 Resp: 633938
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074692.D

Acq: 01 Oct 2022 06:01

Instrument :

MSVOA_N

ClientSampleId :

MW106S

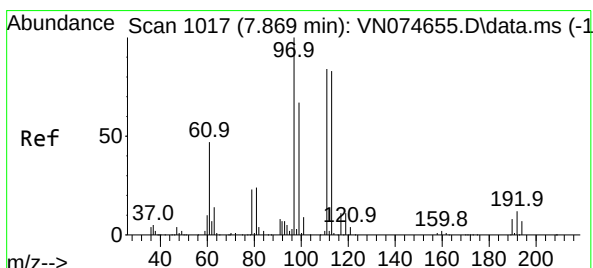
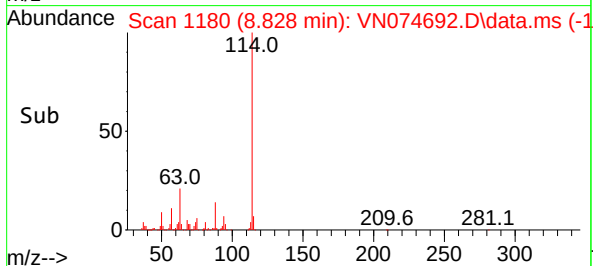
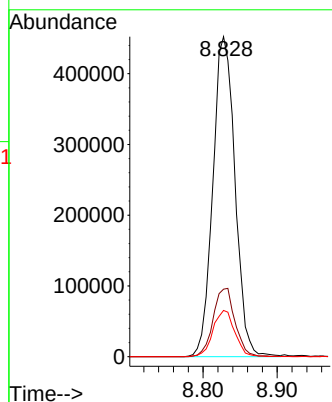
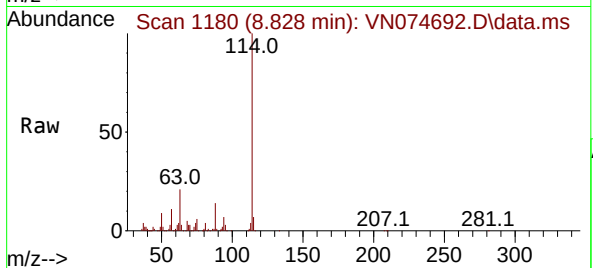
Tgt Ion:114 Resp: 939026

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.691 ug/l

RT: 7.863 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VN074692.D

Acq: 01 Oct 2022 06:01

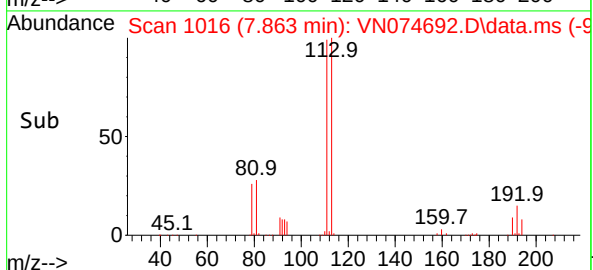
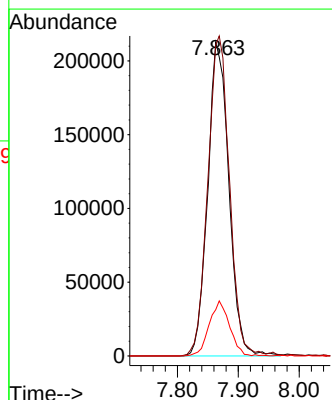
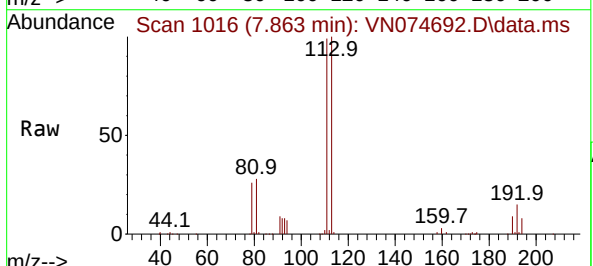
Tgt Ion:113 Resp: 513769

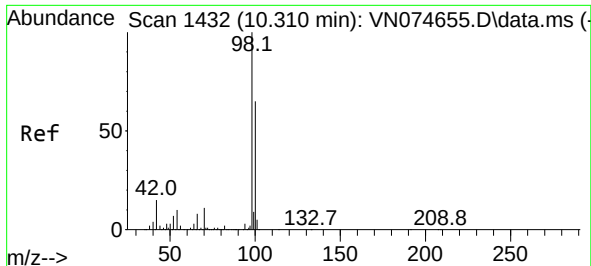
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 16.8 17.0 25.6#

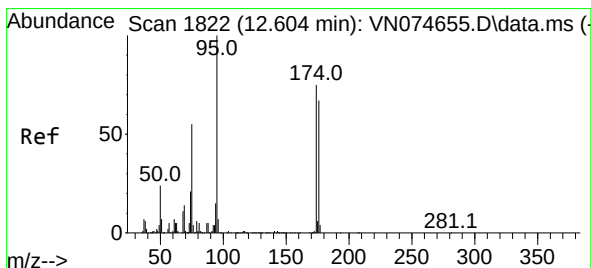
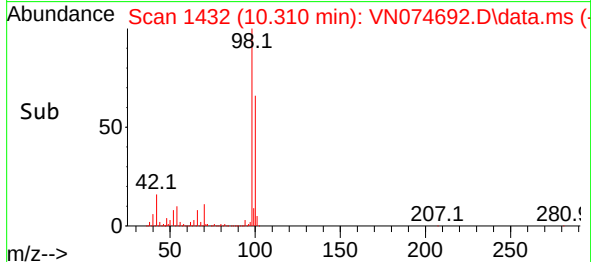
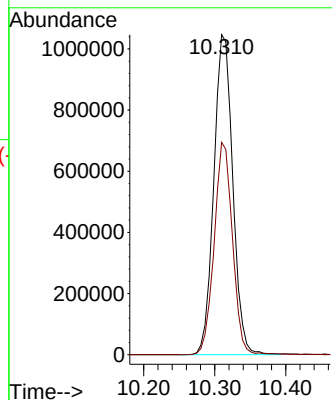
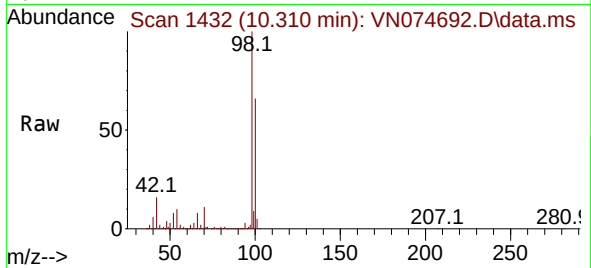




#50
Toluene-d8
Concen: 46.288 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074692.D
Acq: 01 Oct 2022 06:01

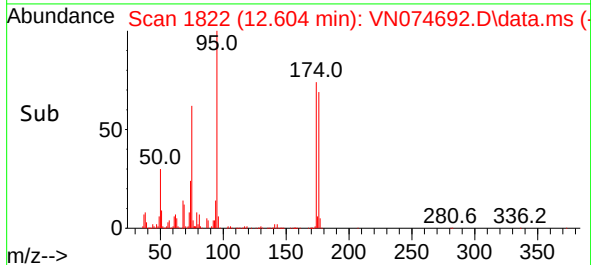
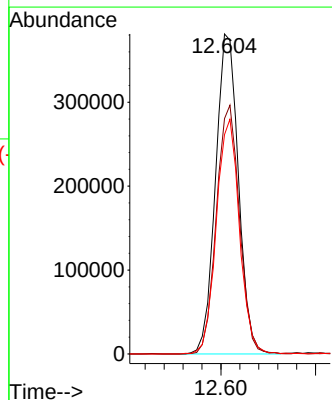
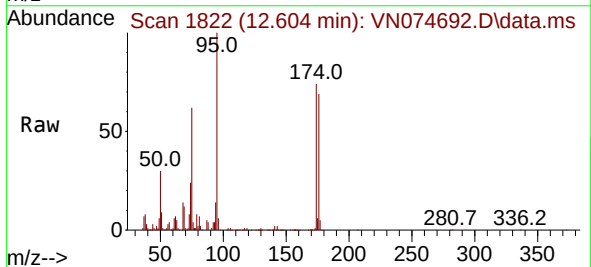
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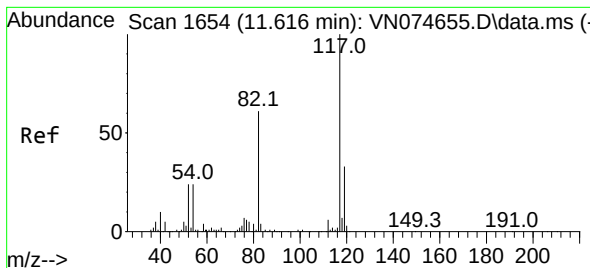
Tgt Ion: 98 Resp: 1935186
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.364 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074692.D
Acq: 01 Oct 2022 06:01

Tgt Ion: 95 Resp: 641144
Ion Ratio Lower Upper
95 100
174 78.4 0.0 167.6
176 74.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.621 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN074692.D

Acq: 01 Oct 2022 06:01

Instrument :

MSVOA_N

ClientSampleId :

MW106S

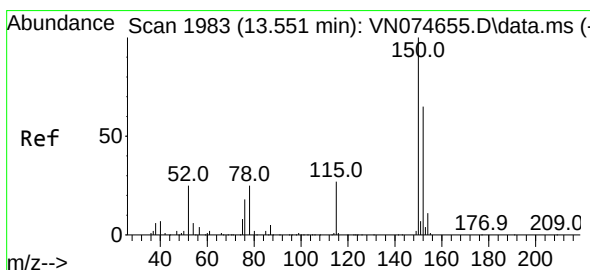
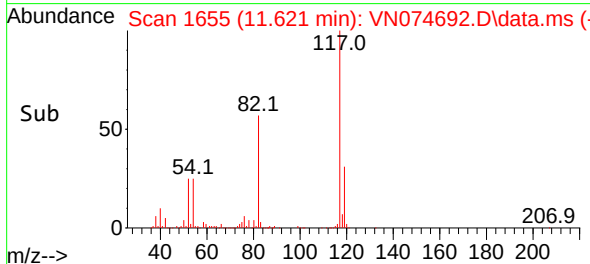
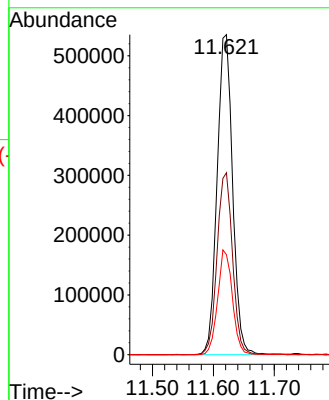
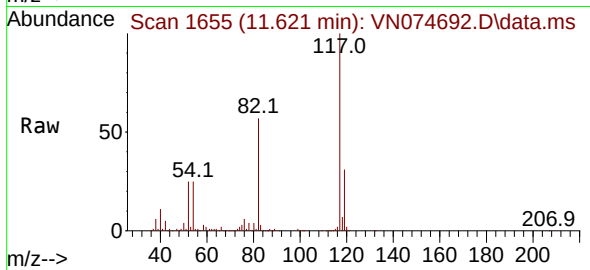
Tgt Ion:117 Resp: 944151

Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.2

119 31.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN074692.D

Acq: 01 Oct 2022 06:01

Tgt Ion:152 Resp: 426835

Ion Ratio Lower Upper

152 100

115 60.0 28.9 86.7

150 156.3 0.0 356.2

