

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074822.D
 Acq On : 07 Oct 2022 19:33
 Operator : JC\MD
 Sample : N4974-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 257248-6

Quant Time: Oct 08 03:56:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	263162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	470941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	468796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	333934	53.555	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.100%
35) Dibromofluoromethane	8.177	113	258052	54.233	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.460%
50) Toluene-d8	10.571	98	1063279	52.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.853	95	266645	42.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.920%

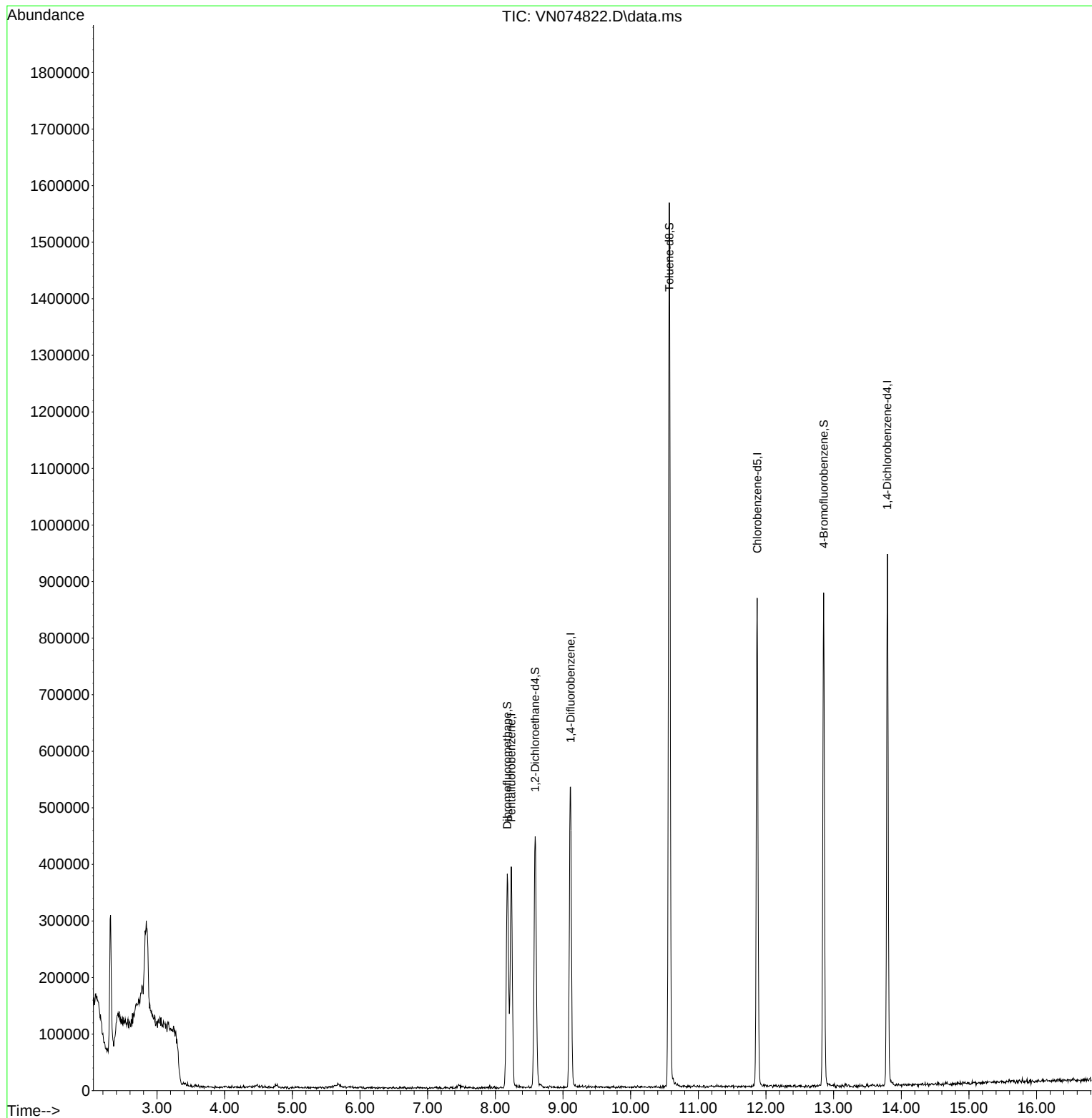
Target Compounds	Qvalue

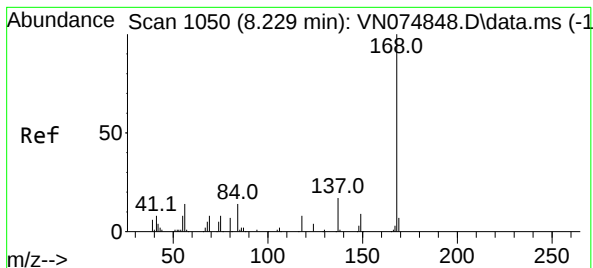
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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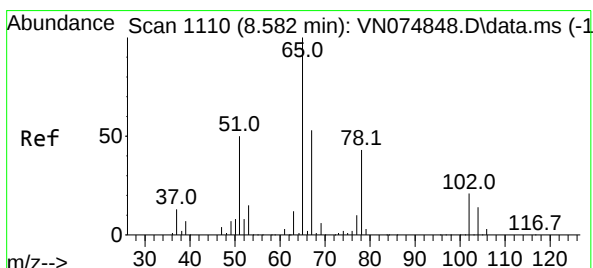
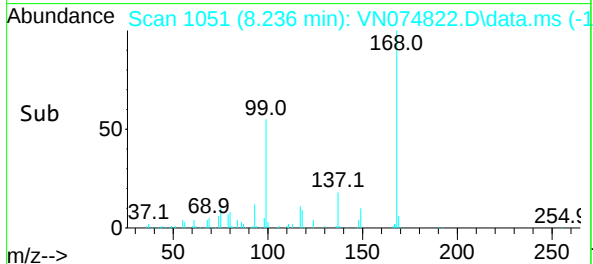
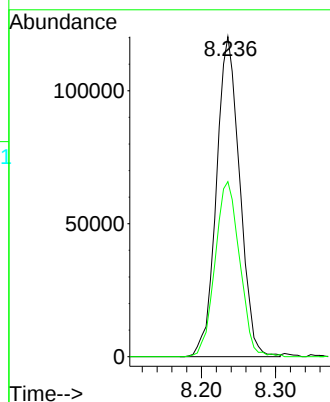
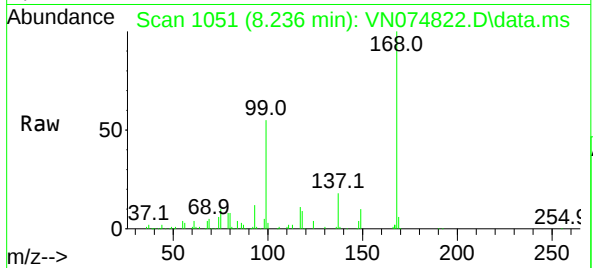




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN074822.D
Acq: 07 Oct 2022 19:33

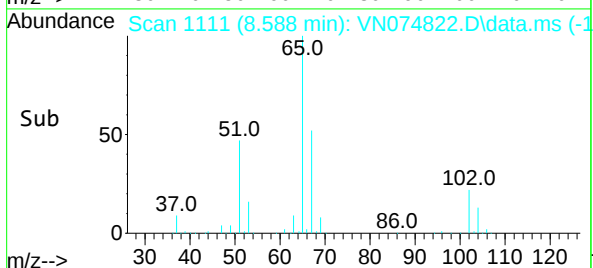
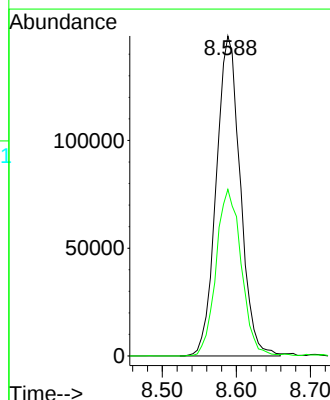
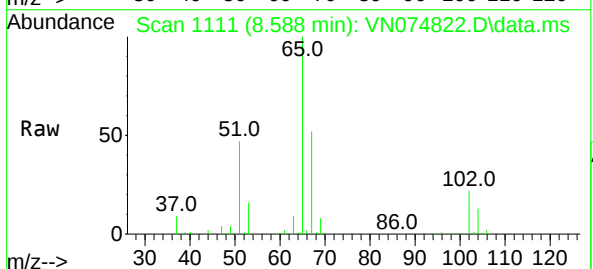
Instrument :
MSVOA_N
ClientSampleId :
257248-6

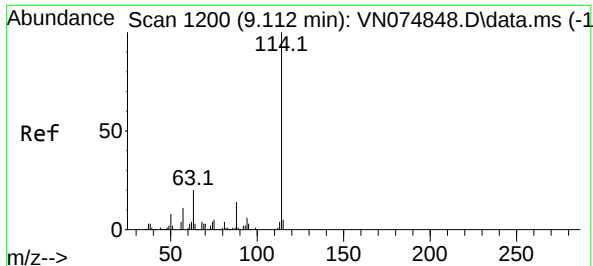
Tgt Ion:168 Resp: 263162
Ion Ratio Lower Upper
168 100
99 54.7 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 53.555 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074822.D
Acq: 07 Oct 2022 19:33

Tgt Ion: 65 Resp: 333934
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074822.D

Acq: 07 Oct 2022 19:33

Instrument :

MSVOA_N

ClientSampleId :

257248-6

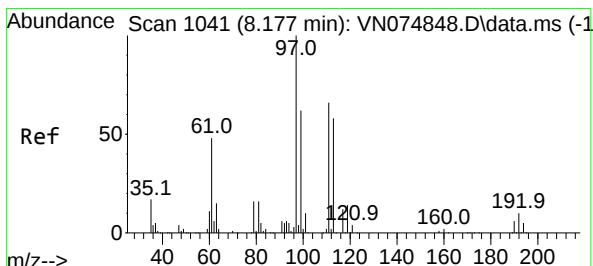
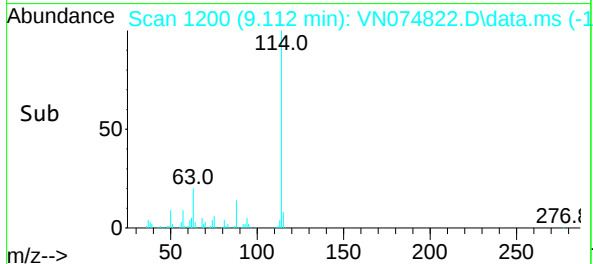
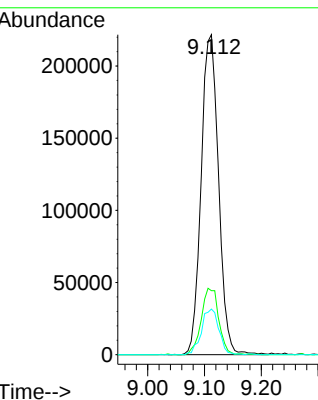
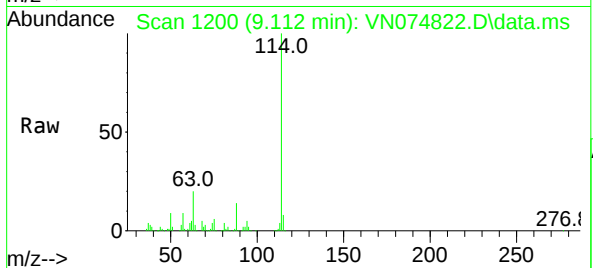
Tgt Ion:114 Resp: 470941

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.2

88 14.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 54.233 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074822.D

Acq: 07 Oct 2022 19:33

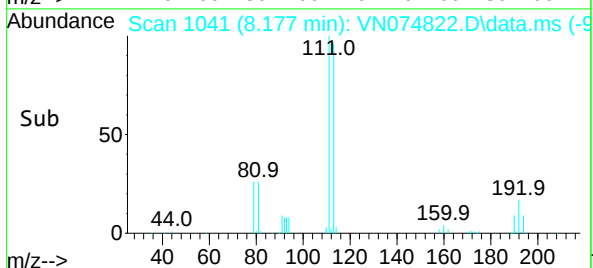
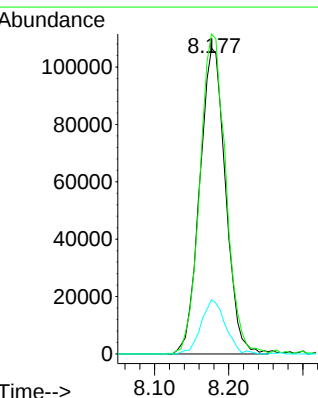
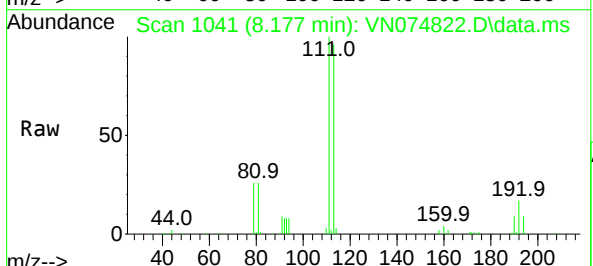
Tgt Ion:113 Resp: 258052

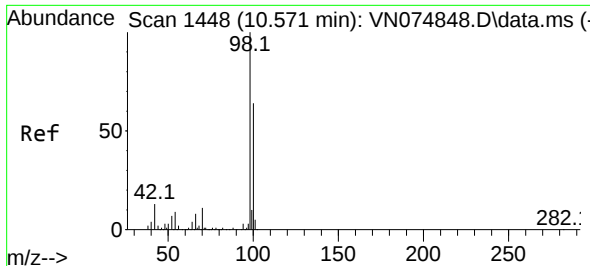
Ion Ratio Lower Upper

113 100

111 104.9 83.0 124.6

192 16.7 12.6 18.8

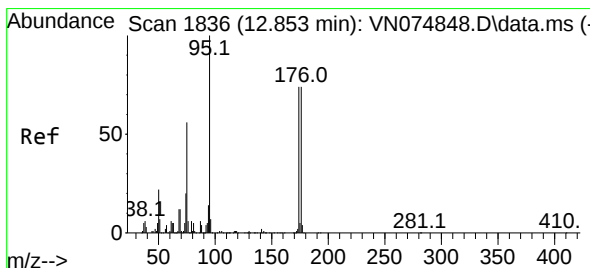
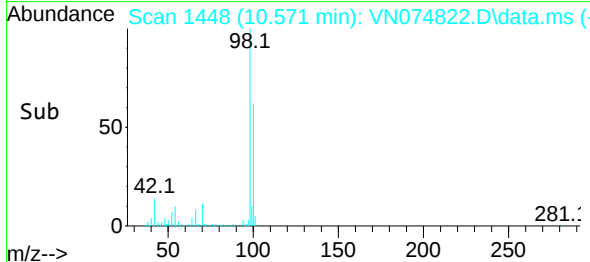
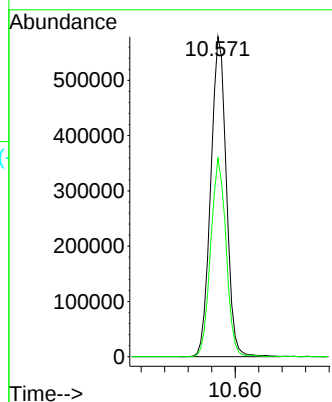
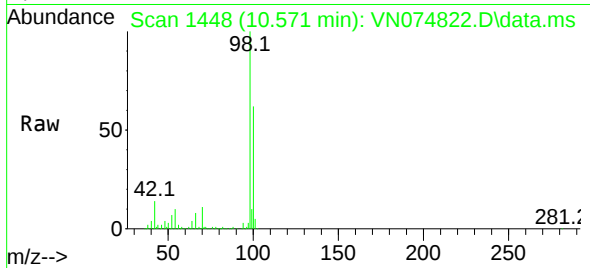




#50
Toluene-d8
Concen: 52.079 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074822.D
Acq: 07 Oct 2022 19:33

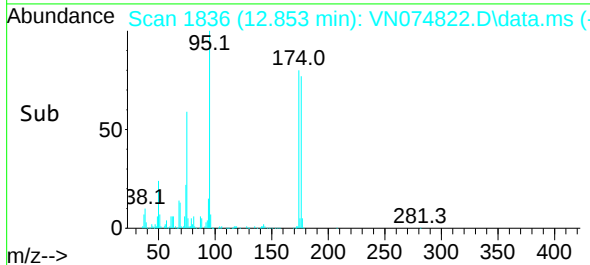
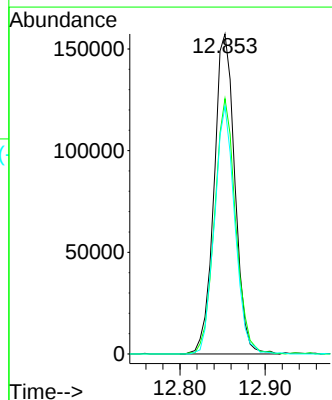
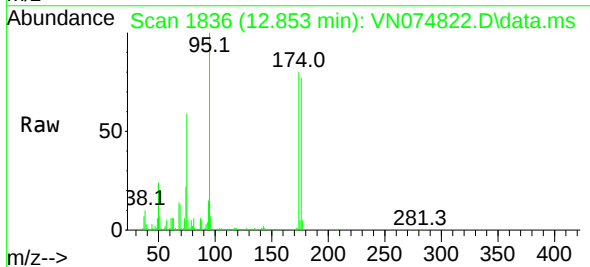
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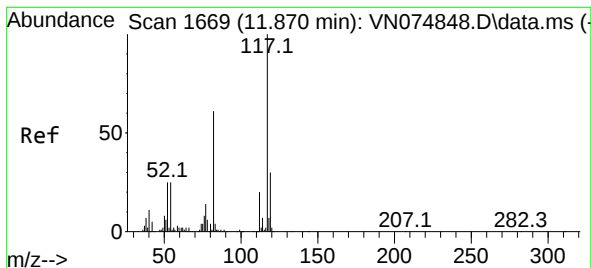
Tgt Ion: 98 Resp: 1063279
Ion Ratio Lower Upper
98 100
100 61.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 42.963 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074822.D
Acq: 07 Oct 2022 19:33

Tgt Ion: 95 Resp: 266645
Ion Ratio Lower Upper
95 100
174 80.7 0.0 149.4
176 75.8 0.0 142.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074822.D

Acq: 07 Oct 2022 19:33

Instrument :

MSVOA_N

ClientSampleId :

257248-6

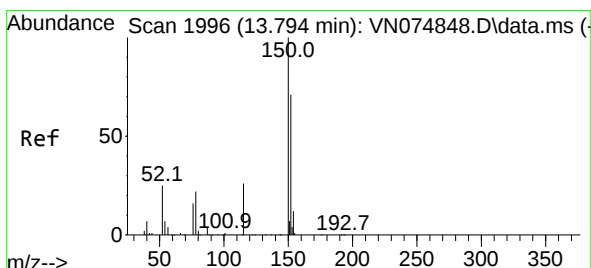
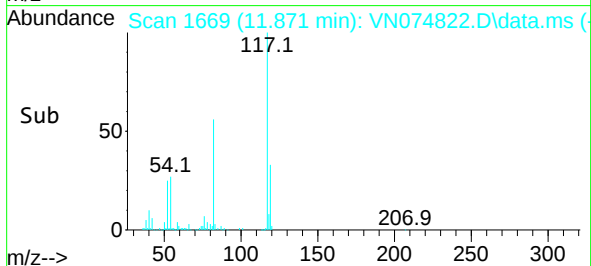
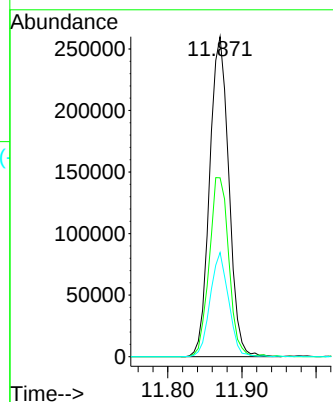
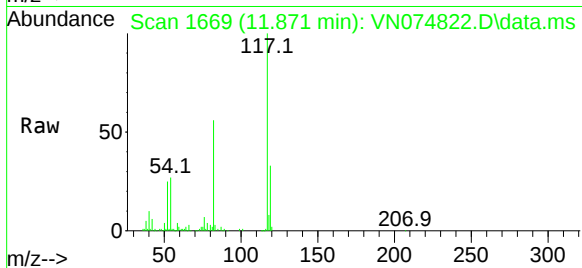
Tgt Ion:117 Resp: 468796

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.2

119 32.6 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN074822.D

Acq: 07 Oct 2022 19:33

Tgt Ion:152 Resp: 226196

Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

150 162.9 0.0 356.4

