

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074440.D
 Acq On : 13 Sep 2022 18:06
 Operator : JC\MD
 Sample : N4492-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14B-43-48-090122

Quant Time: Sep 14 08:03:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	197878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	371309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	363964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	165195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	170324	49.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.500%
35) Dibromofluoromethane	7.951	113	134059	53.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.960%
50) Toluene-d8	10.381	98	463022	47.406	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.675	95	177255	49.985	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%

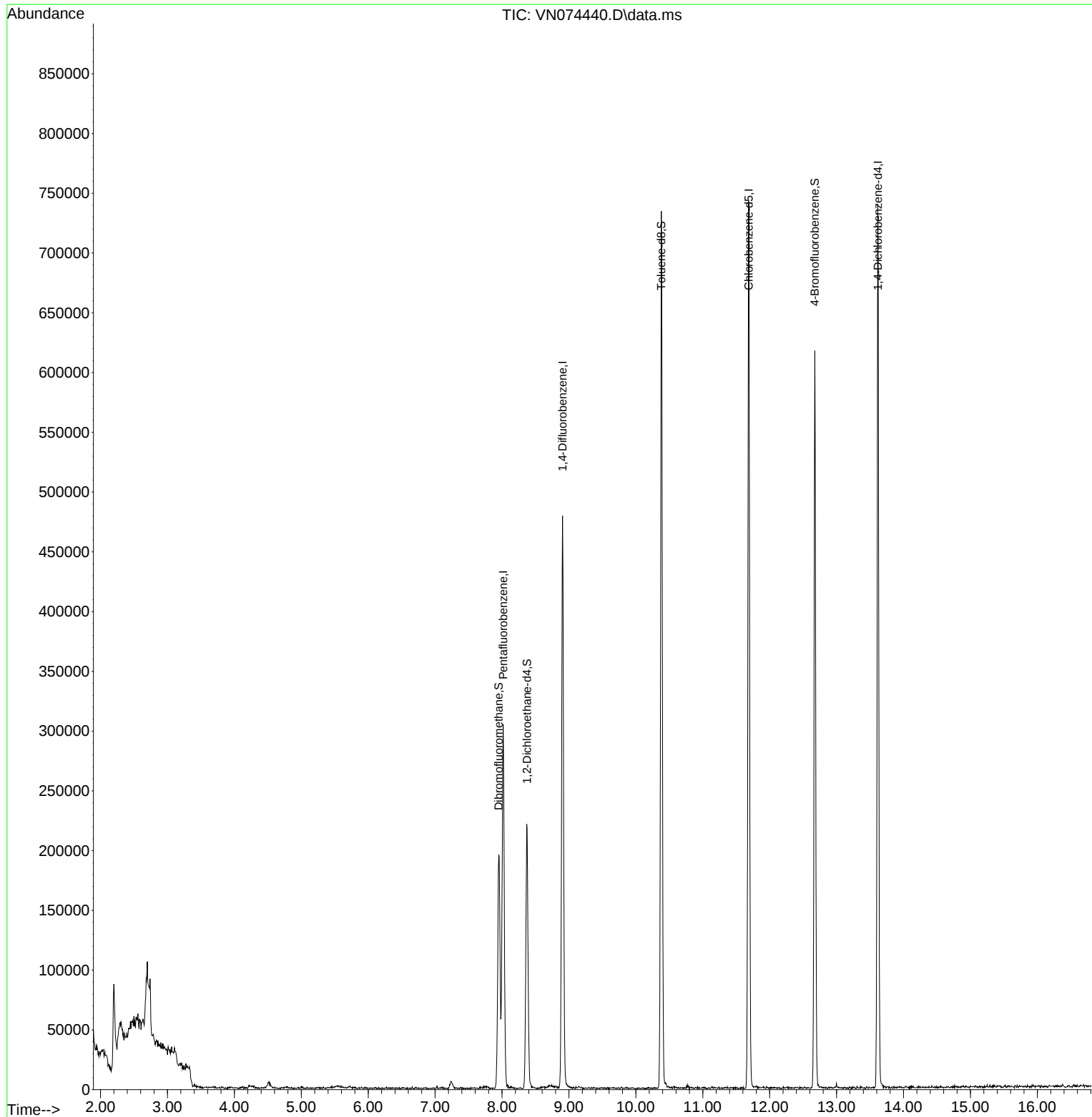
Target Compounds	Qvalue

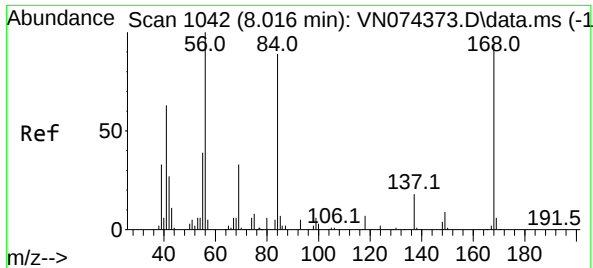
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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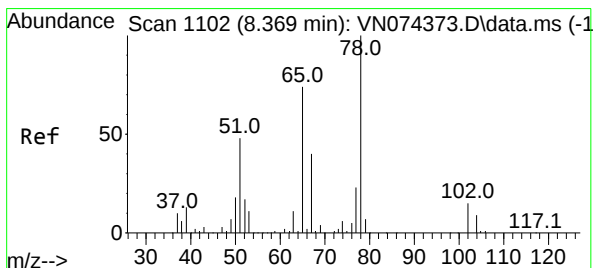
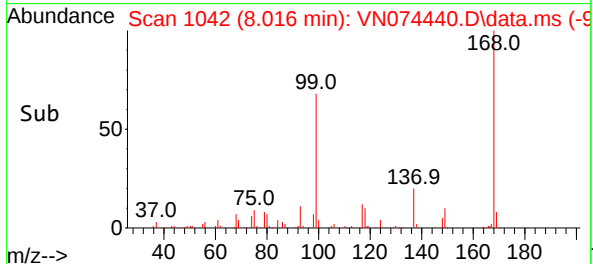
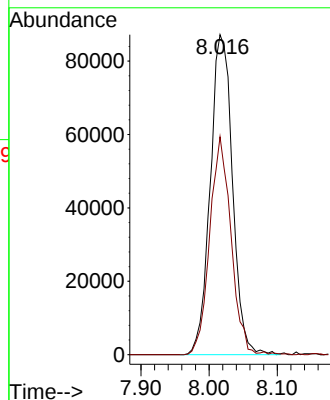
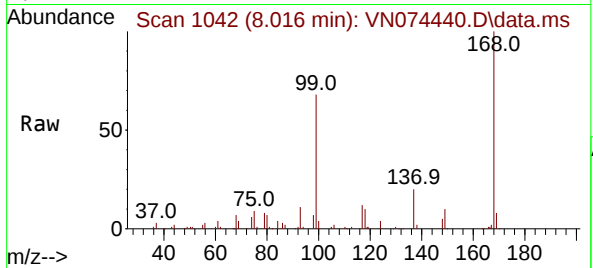




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN074440.D
Acq: 13 Sep 2022 18:06

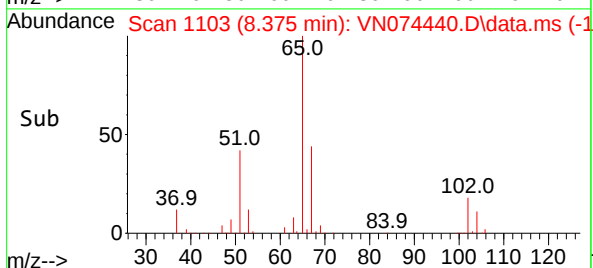
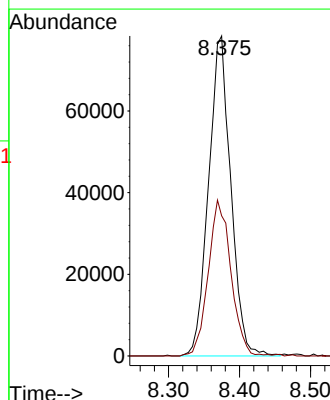
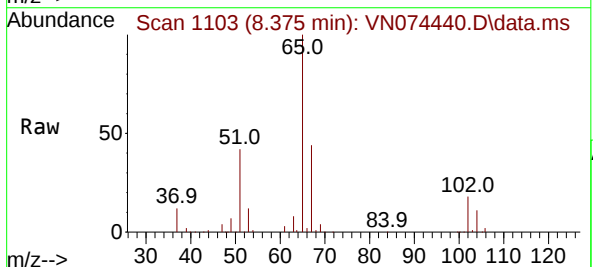
Instrument :
MSVOA_N
ClientSampleId :
MW-14B-43-48-090122

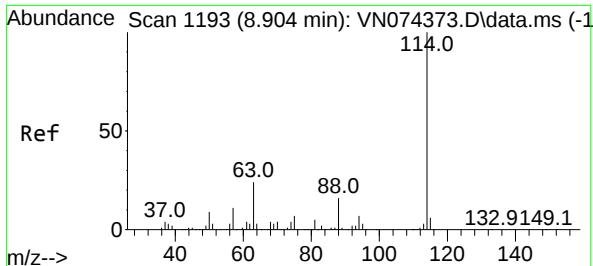
Tgt Ion:168 Resp: 197878
Ion Ratio Lower Upper
168 100
99 68.1 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 49.750 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074440.D
Acq: 13 Sep 2022 18:06

Tgt Ion: 65 Resp: 170324
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074440.D

Acq: 13 Sep 2022 18:06

Instrument :

MSVOA_N

ClientSampleId :

MW-14B-43-48-090122

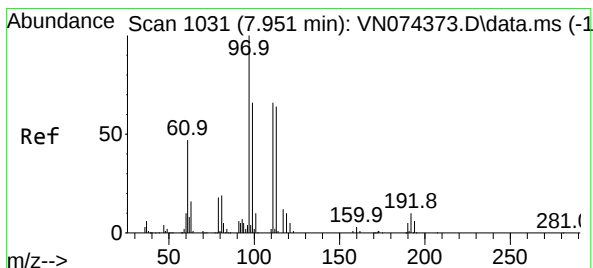
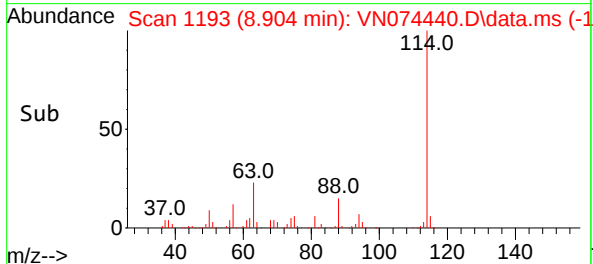
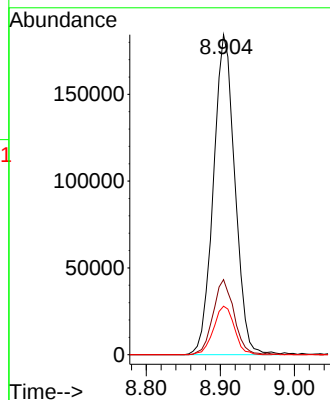
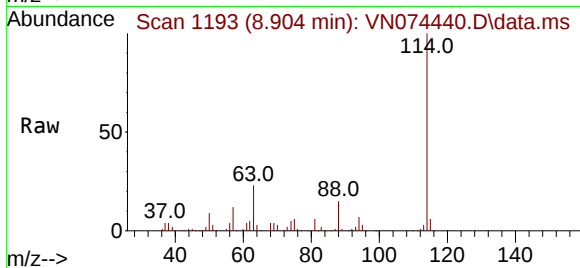
Tgt Ion:114 Resp: 371309

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.6

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.480 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074440.D

Acq: 13 Sep 2022 18:06

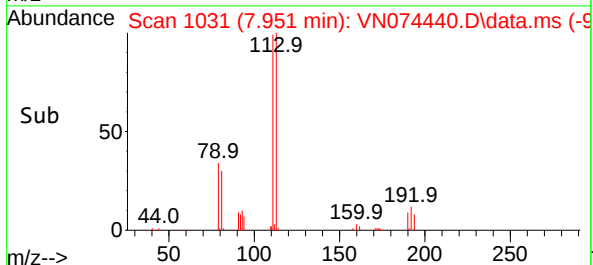
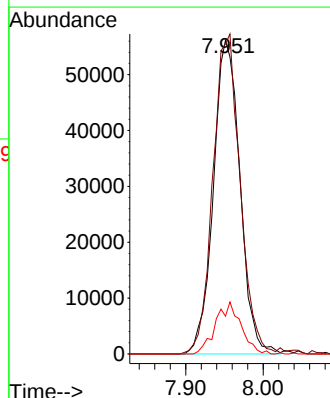
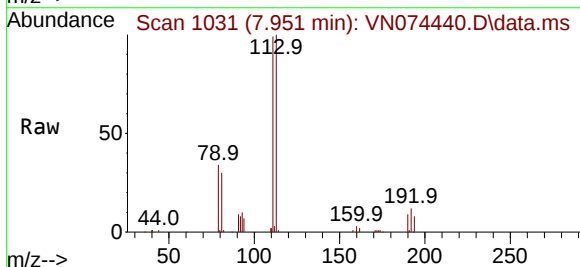
Tgt Ion:113 Resp: 134059

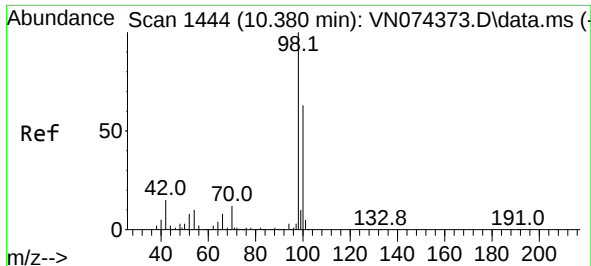
Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

192 15.8 13.7 20.5

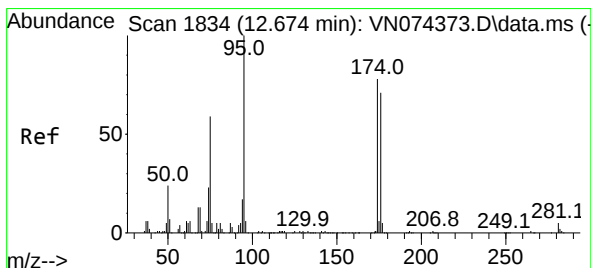
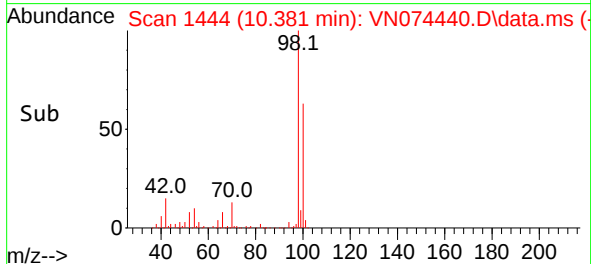
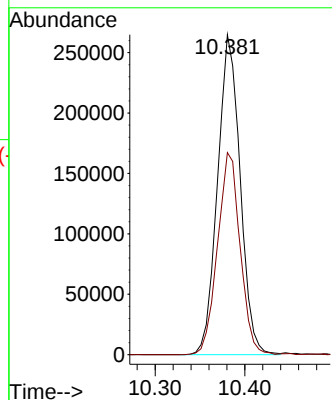
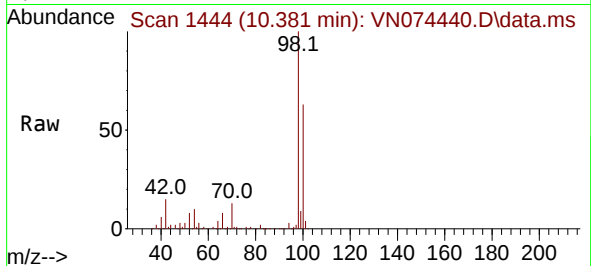




#50
Toluene-d8
Concen: 47.406 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074440.D
Acq: 13 Sep 2022 18:06

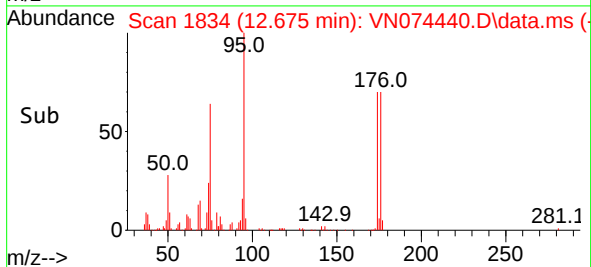
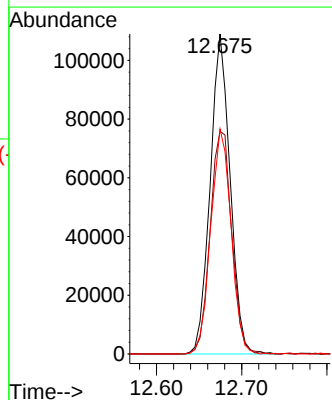
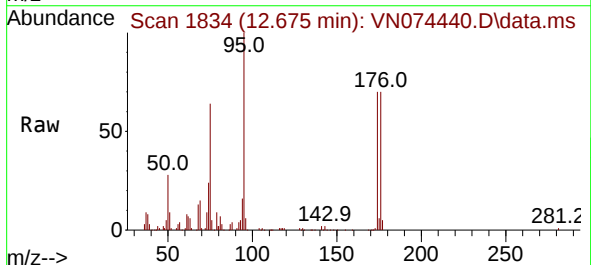
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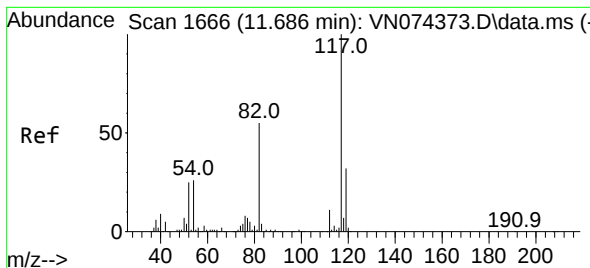
Tgt Ion: 98 Resp: 463022
Ion Ratio Lower Upper
98 100
100 63.0 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 49.985 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074440.D
Acq: 13 Sep 2022 18:06

Tgt Ion: 95 Resp: 177255
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.6
176 71.7 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074440.D

Acq: 13 Sep 2022 18:06

Instrument :

MSVOA_N

ClientSampleId :

MW-14B-43-48-090122

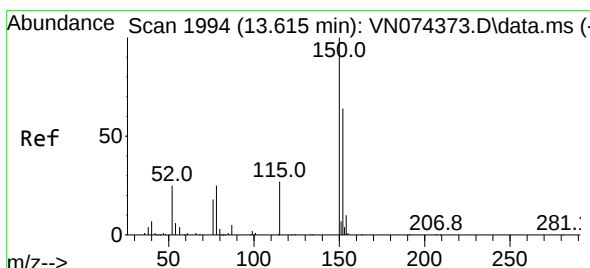
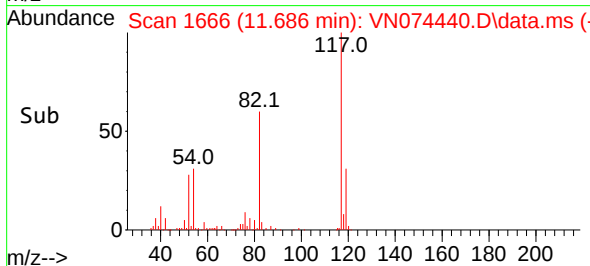
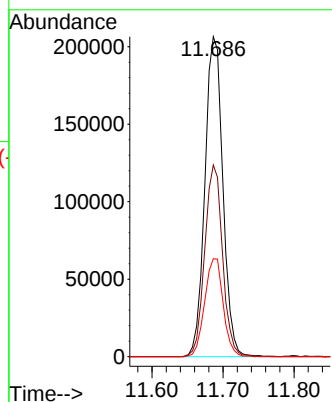
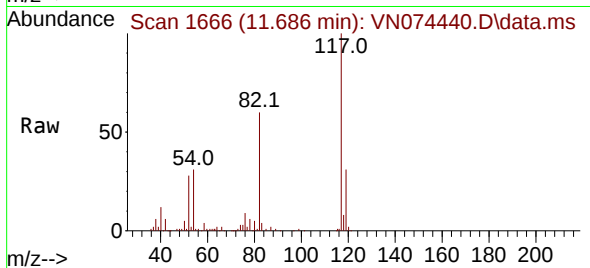
Tgt Ion:117 Resp: 363964

Ion Ratio Lower Upper

117 100

82 59.9 44.3 66.5

119 30.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074440.D

Acq: 13 Sep 2022 18:06

Tgt Ion:152 Resp: 165195

Ion Ratio Lower Upper

152 100

115 62.4 32.0 96.0

150 160.1 0.0 359.6

