

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074804.D
 Acq On : 07 Oct 2022 12:18
 Operator : JC\MD
 Sample : N4966-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 257248-5

Quant Time: Oct 08 05:22:47 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	8.235	168	251683	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	478086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	482713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	348676	58.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.940%
35) Dibromofluoromethane	8.177	113	266853	55.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.480%
50) Toluene-d8	10.571	98	1083491	52.275	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.853	95	270839	42.987	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.980%

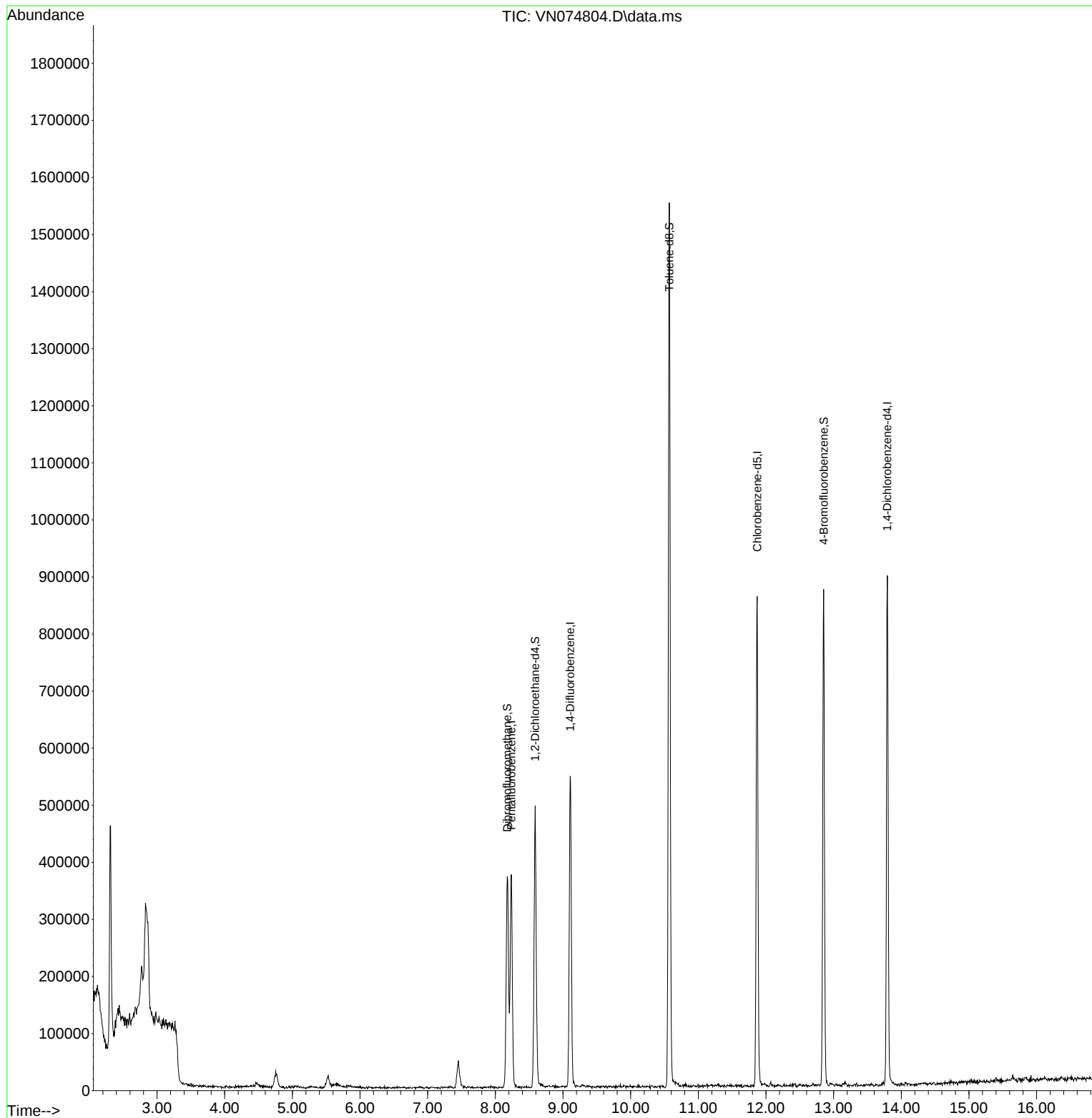
Target Compounds	Qvalue

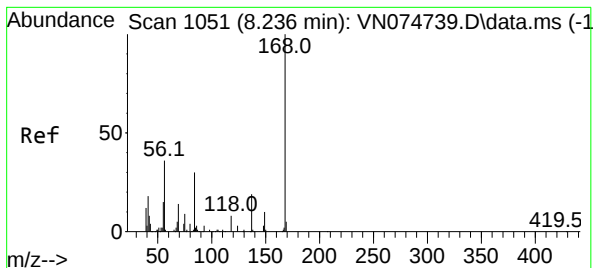
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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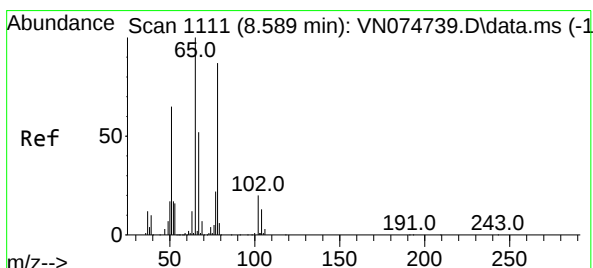
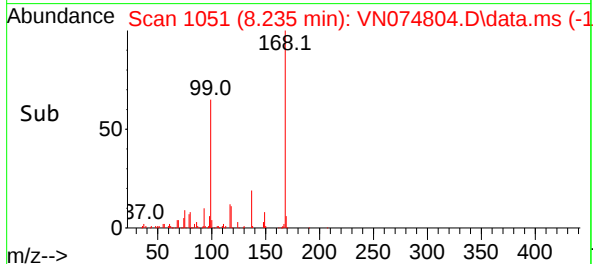
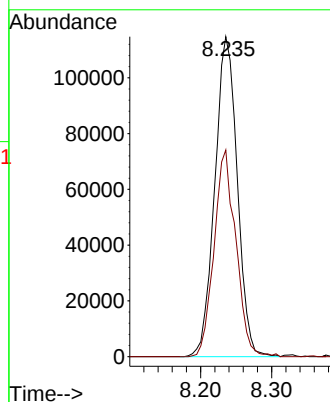
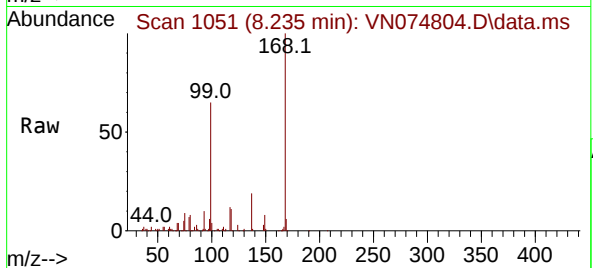




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074804.D
Acq: 07 Oct 2022 12:18

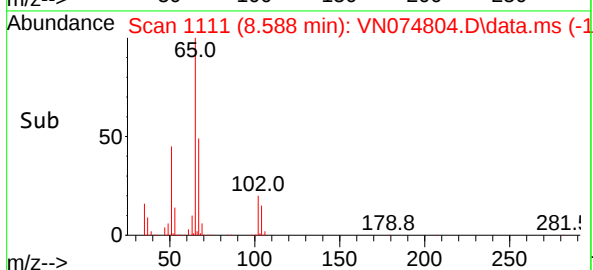
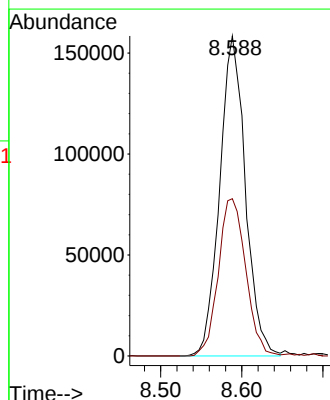
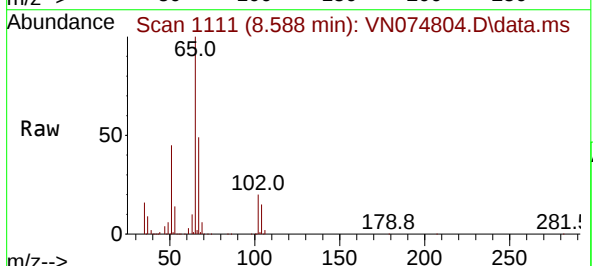
Instrument :
MSVOA_N
ClientSampleId :
257248-5

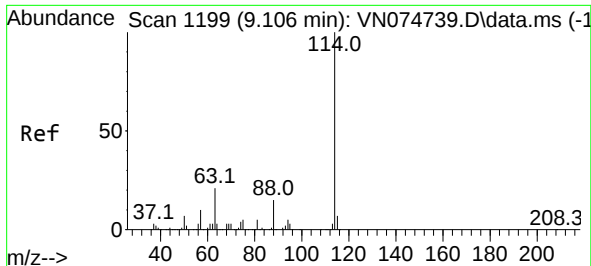
Tgt Ion:168 Resp: 251683
Ion Ratio Lower Upper
168 100
99 64.6 42.8 64.2#



#33
1,2-Dichloroethane-d4
Concen: 58.469 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074804.D
Acq: 07 Oct 2022 12:18

Tgt Ion: 65 Resp: 348676
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074804.D

Acq: 07 Oct 2022 12:18

Instrument :

MSVOA_N

ClientSampleId :

257248-5

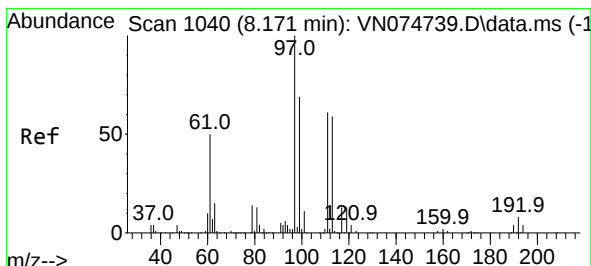
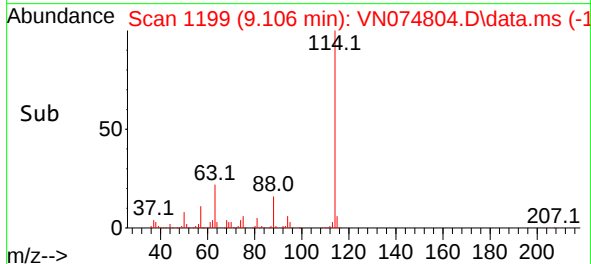
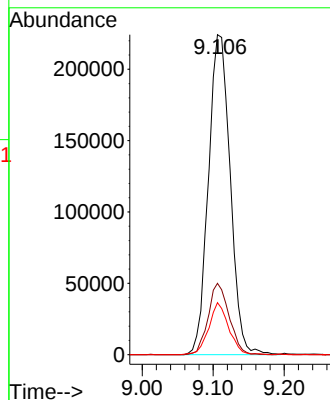
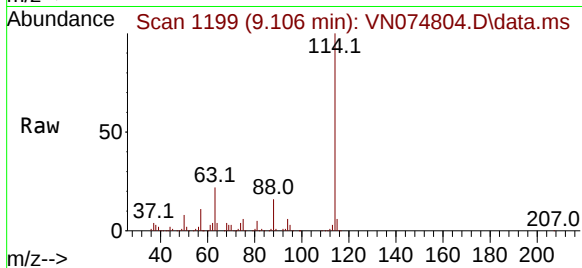
Tgt Ion:114 Resp: 478086

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.2

88 16.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 55.245 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074804.D

Acq: 07 Oct 2022 12:18

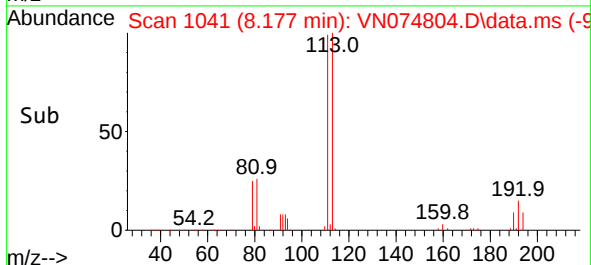
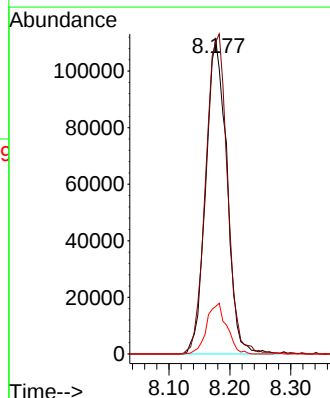
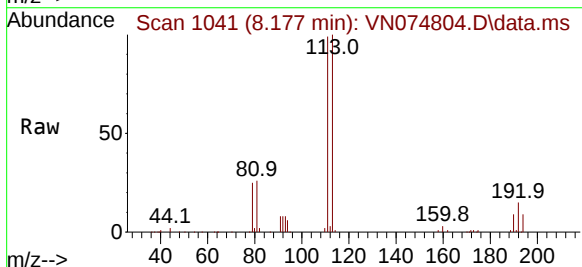
Tgt Ion:113 Resp: 266853

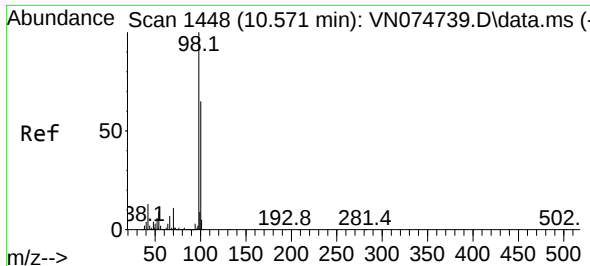
Ion Ratio Lower Upper

113 100

111 104.6 83.0 124.6

192 15.3 12.6 18.8

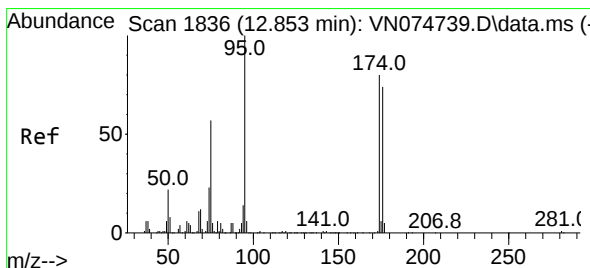
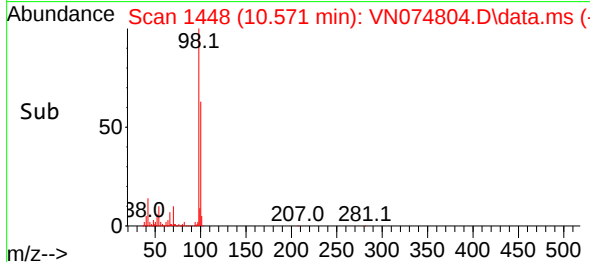
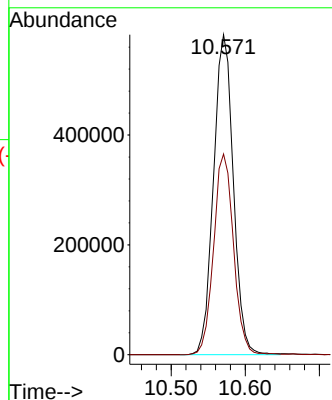
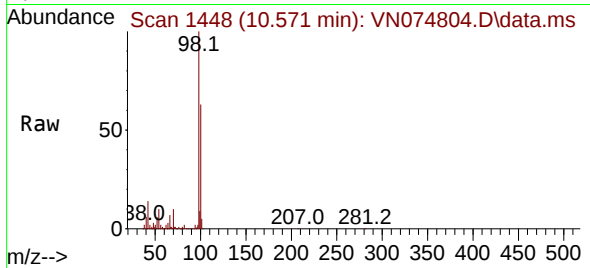




#50
Toluene-d8
Concen: 52.275 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074804.D
Acq: 07 Oct 2022 12:18

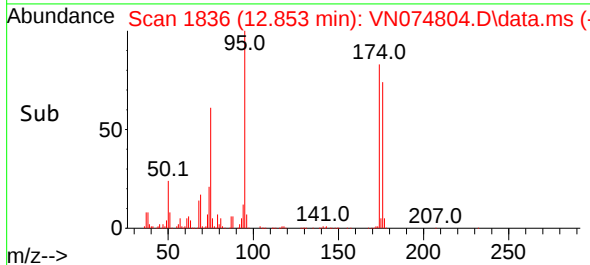
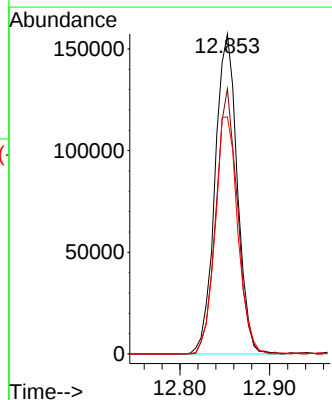
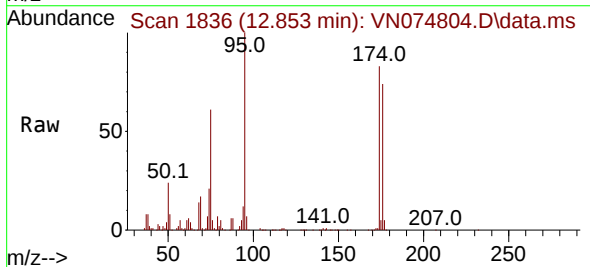
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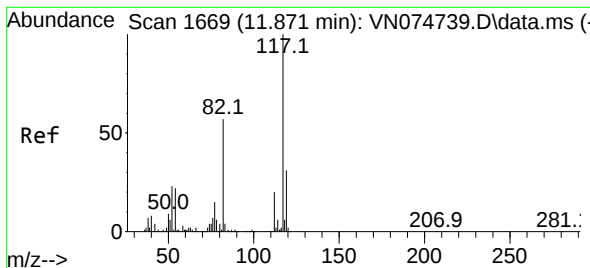
Tgt Ion: 98 Resp: 1083491
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 42.987 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074804.D
Acq: 07 Oct 2022 12:18

Tgt Ion: 95 Resp: 270839
Ion Ratio Lower Upper
95 100
174 79.6 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: VN074804.D

Acq: 07 Oct 2022 12:18

Instrument :

MSVOA_N

ClientSampleId :

257248-5

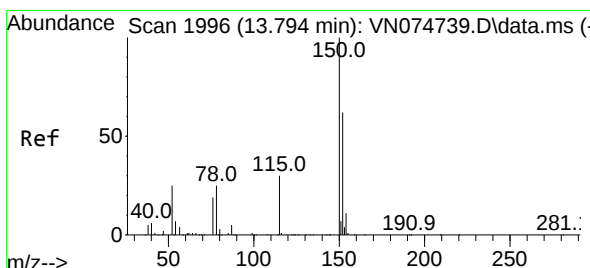
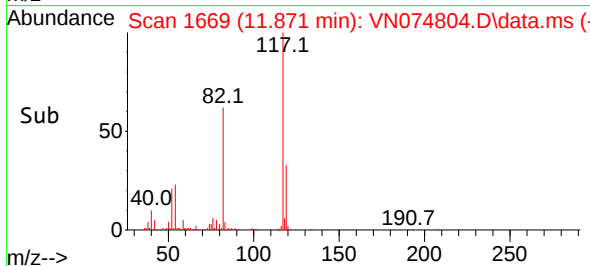
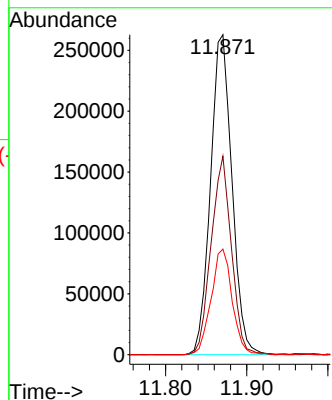
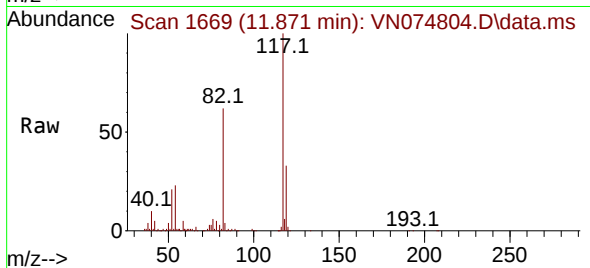
Tgt Ion:117 Resp: 482713

Ion Ratio Lower Upper

117 100

82 62.0 45.4 68.2

119 33.0 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: VN074804.D

Acq: 07 Oct 2022 12:18

Tgt Ion:152 Resp: 234060

Ion Ratio Lower Upper

152 100

115 57.3 30.0 90.0

150 156.9 0.0 356.4

