

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073822.D
 Acq On : 11 Aug 2022 14:00
 Operator : JC\MD
 Sample : N4169-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE133D1-20220809

Quant Time: Aug 12 06:01:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	384600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	596762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	555550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	259326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	229849	49.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.080%
35) Dibromofluoromethane	7.957	113	214865	57.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.680%
50) Toluene-d8	10.381	98	682270	46.268	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.674	95	247705	47.969	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.940%

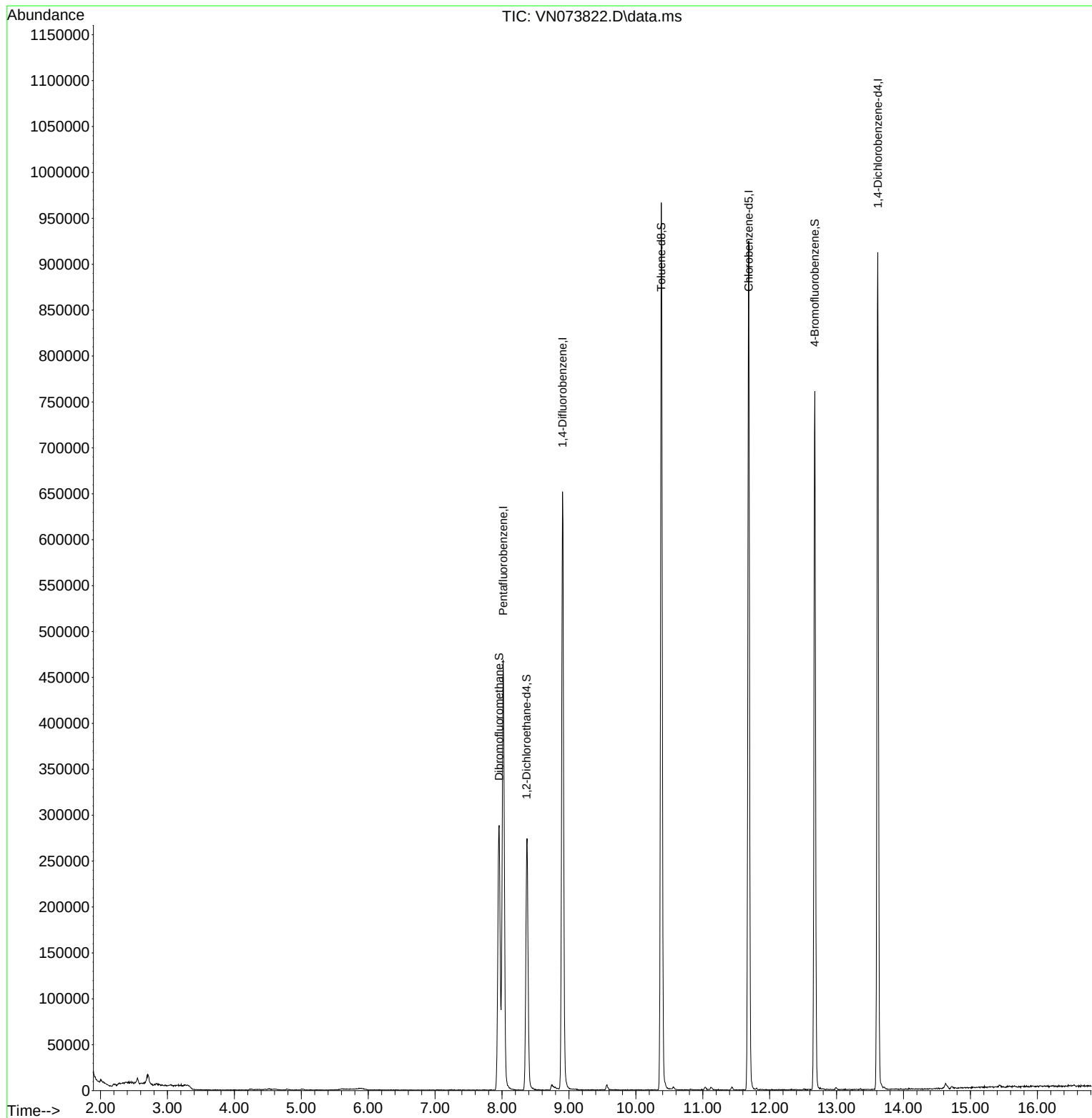
Target Compounds	Qvalue

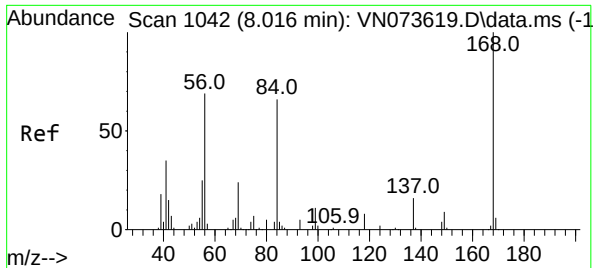
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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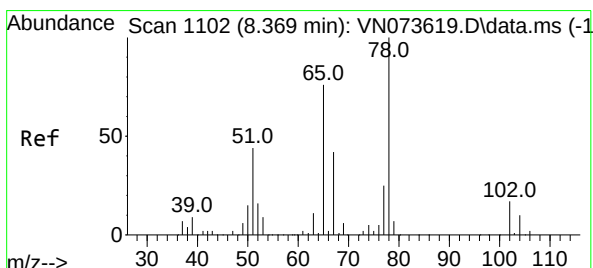
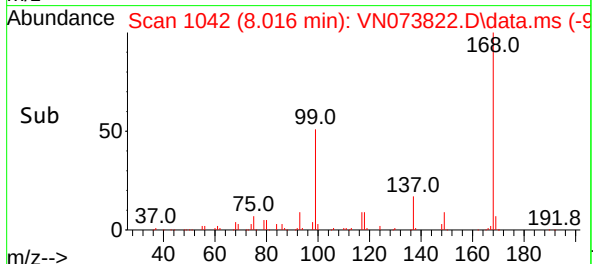
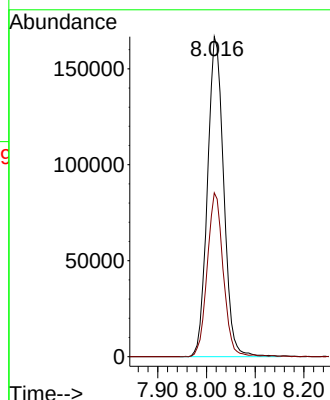
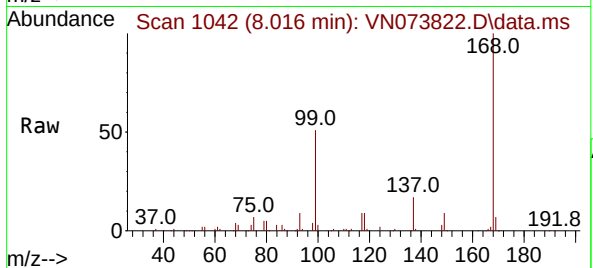




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

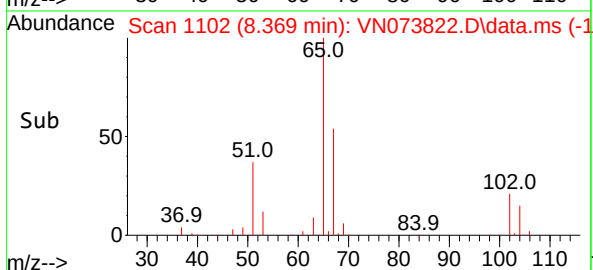
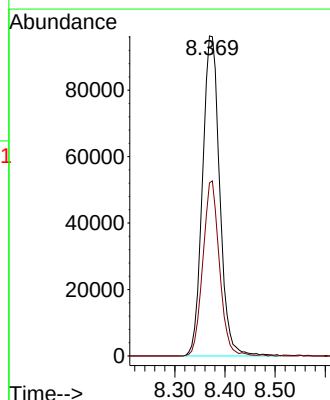
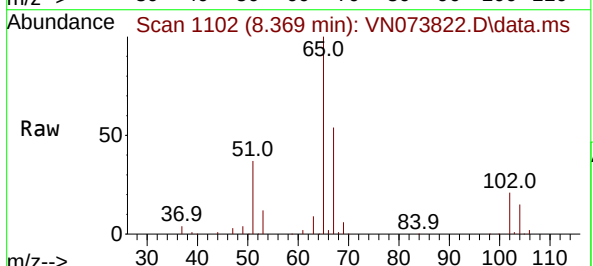
Instrument :
MSVOA_N
ClientSampleId :
RE133D1-20220809

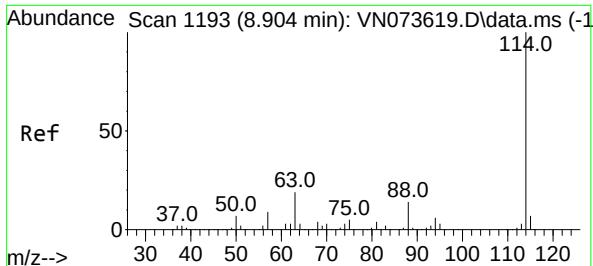
Tgt Ion:168 Resp: 384600
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.040 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Tgt Ion: 65 Resp: 229849
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073822.D

Acq: 11 Aug 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

RE133D1-20220809

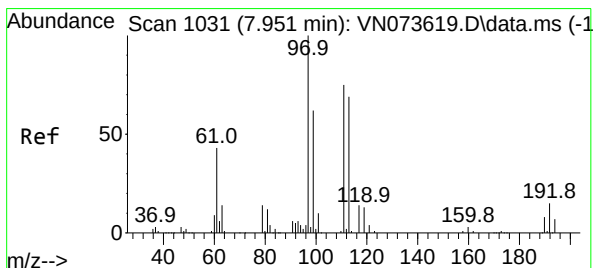
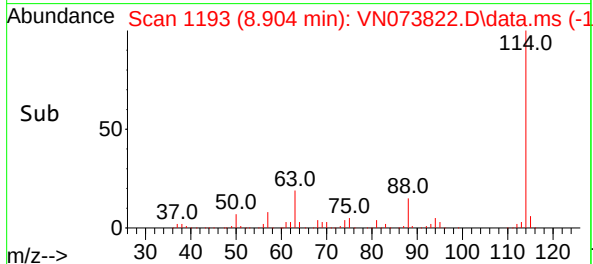
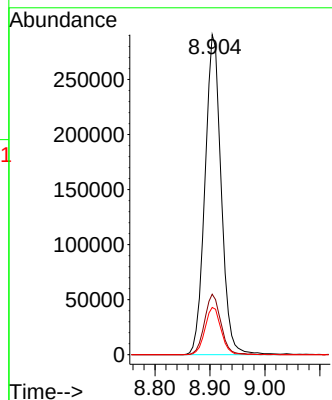
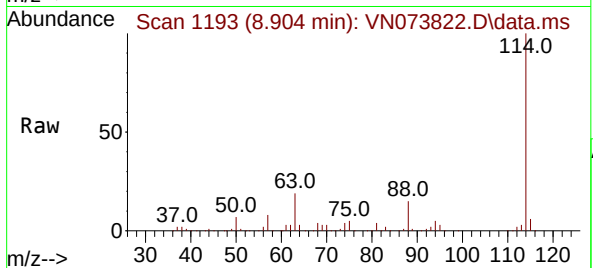
Tgt Ion:114 Resp: 596762

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 57.339 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073822.D

Acq: 11 Aug 2022 14:00

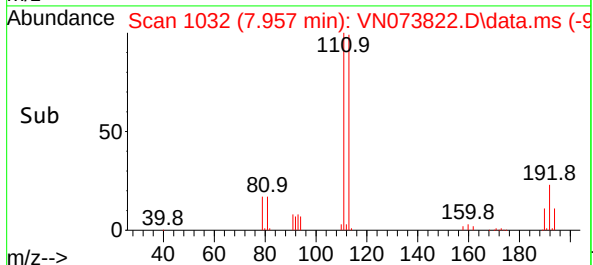
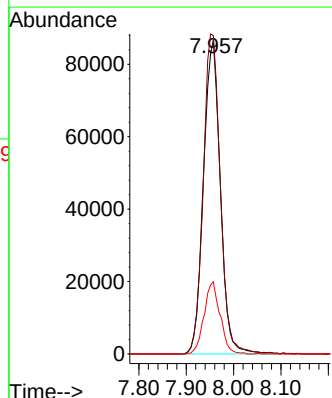
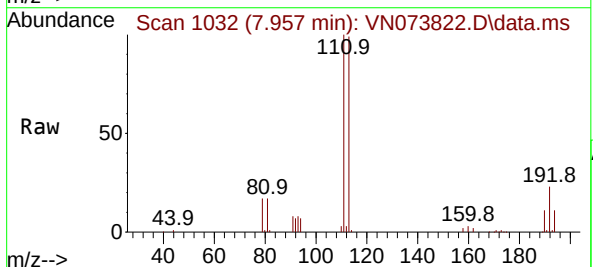
Tgt Ion:113 Resp: 214865

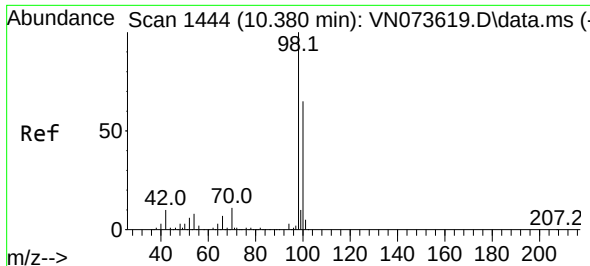
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 21.8 17.0 25.6

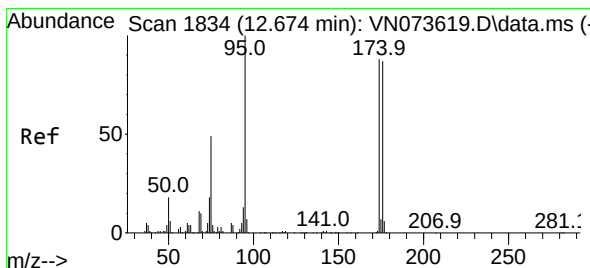
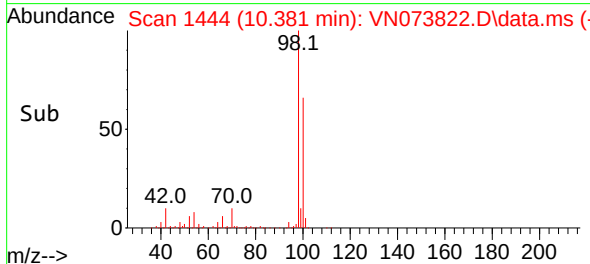
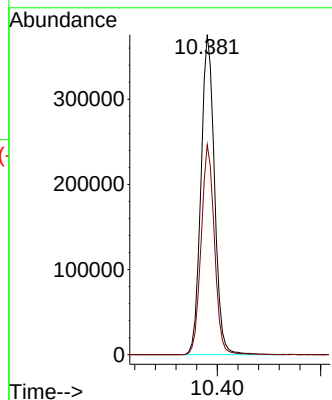
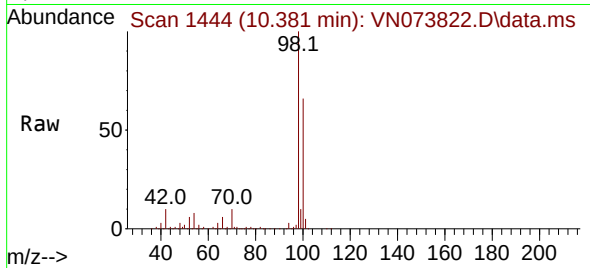




#50
Toluene-d8
Concen: 46.268 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

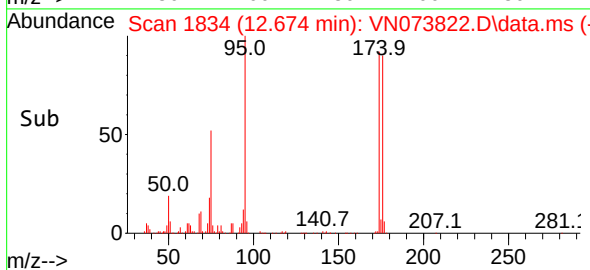
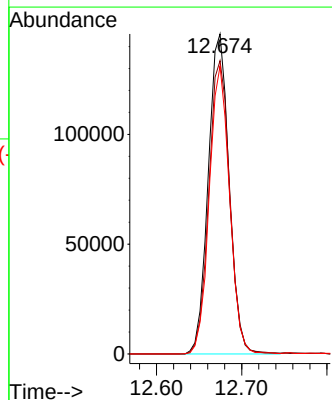
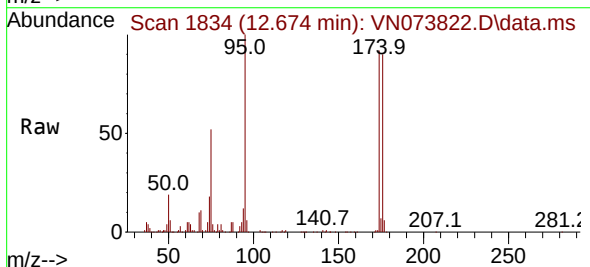
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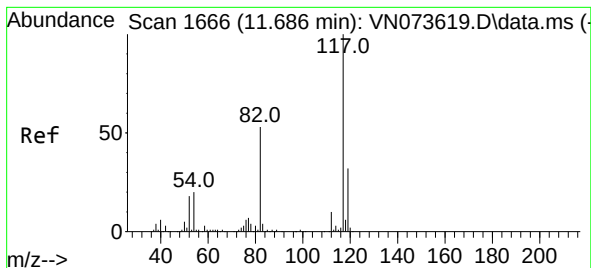
Tgt Ion: 98 Resp: 682270
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.969 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073822.D
Acq: 11 Aug 2022 14:00

Tgt Ion: 95 Resp: 247705
Ion Ratio Lower Upper
95 100
174 92.5 0.0 167.6
176 87.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073822.D

Acq: 11 Aug 2022 14:00

Instrument :

MSVOA_N

ClientSampleId :

RE133D1-20220809

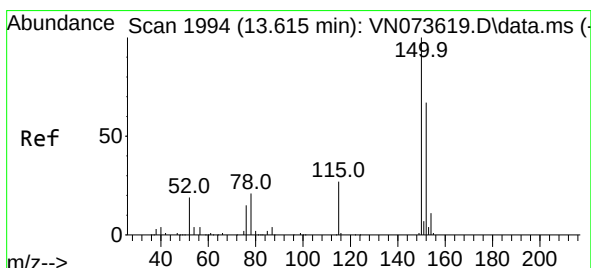
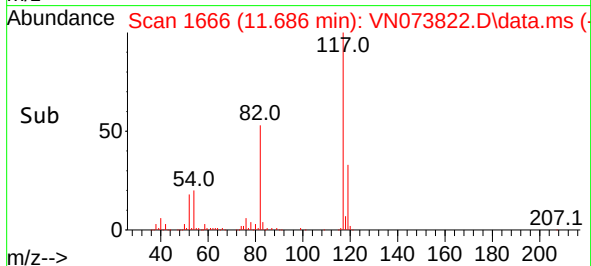
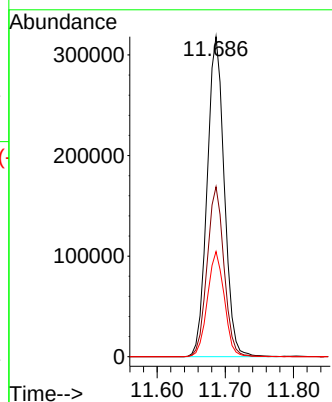
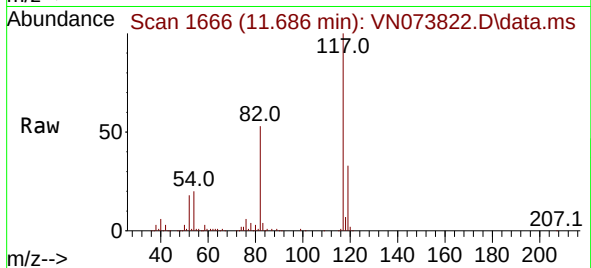
Tgt Ion:117 Resp: 555550

Ion Ratio Lower Upper

117 100

82 53.1 44.2 66.2

119 32.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073822.D

Acq: 11 Aug 2022 14:00

Tgt Ion:152 Resp: 259326

Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

150 157.9 0.0 356.2

