

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081354.D
 Acq On : 11 Mar 2024 11:18
 Operator : JC\MD
 Sample : VN0311WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311WBL01

Quant Time: Mar 12 04:49:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	332409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	601080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	499377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	246361	51.258	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.520%
35) Dibromofluoromethane	8.165	113	186832	50.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.460%
50) Toluene-d8	10.565	98	703748	51.120	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.853	95	219295	45.070	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.140%

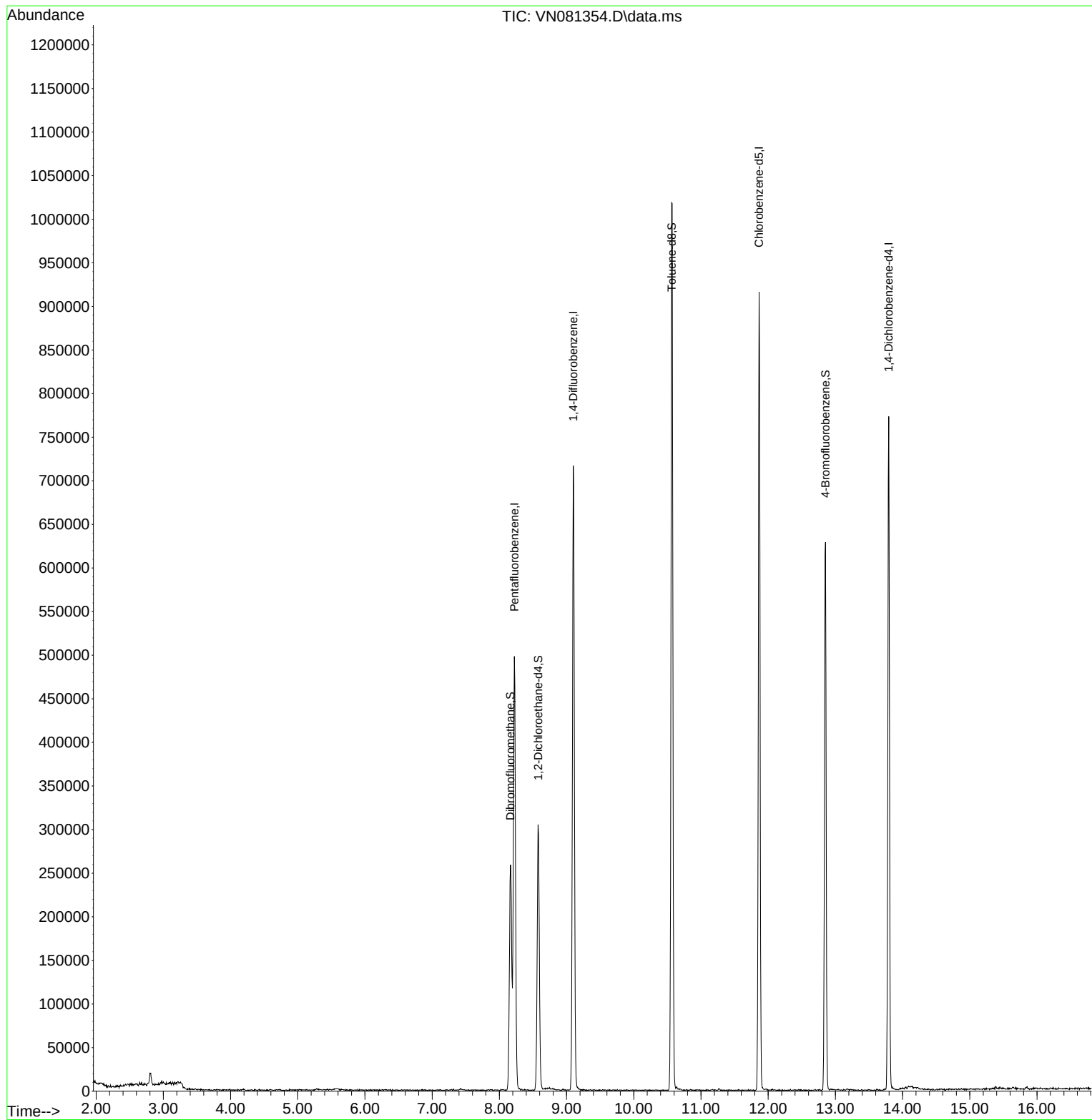
Target Compounds	Qvalue

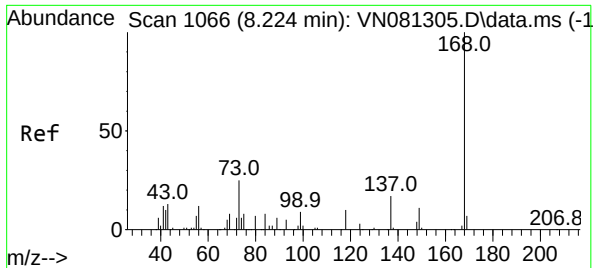
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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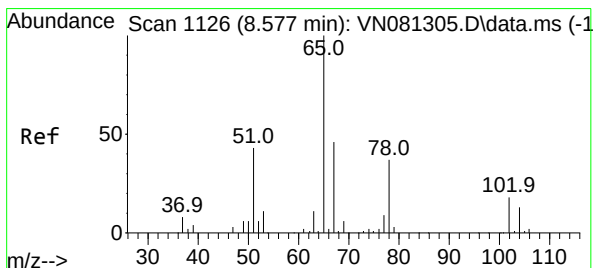
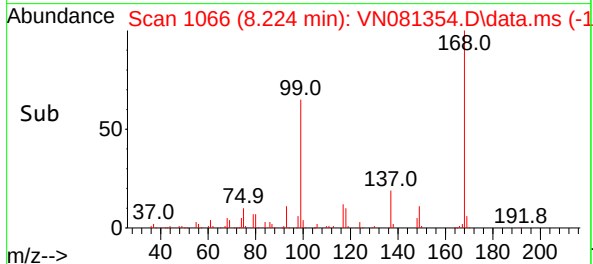
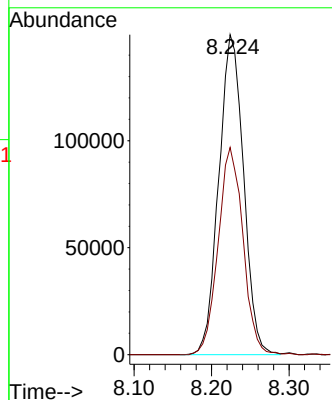
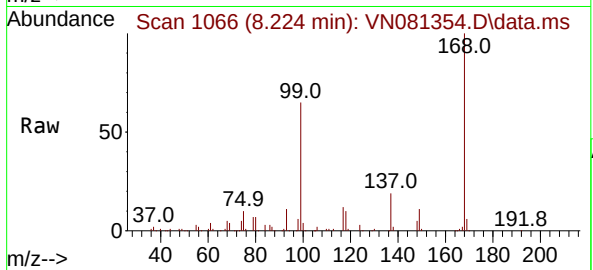




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

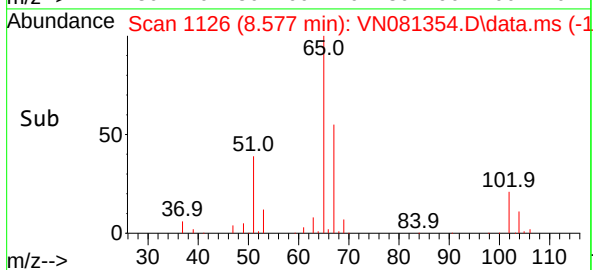
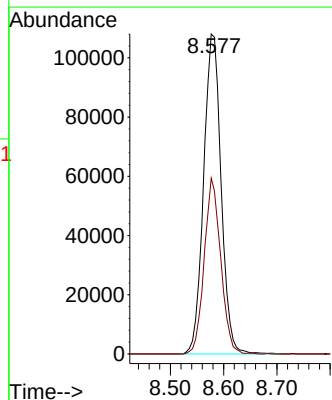
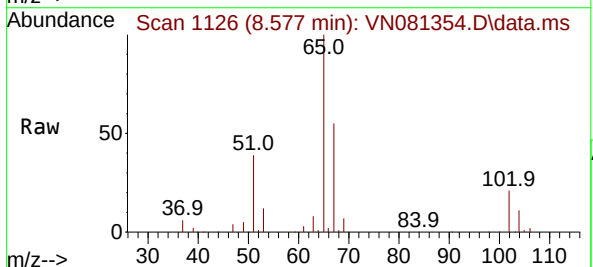
Instrument :
MSVOA_N
ClientSampleId :
VN0311WBL01

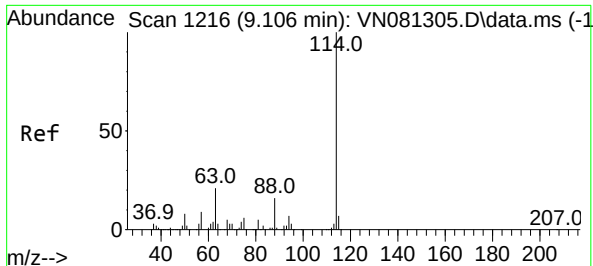
Tgt Ion:168 Resp: 332409
Ion Ratio Lower Upper
168 100
99 64.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.258 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

Tgt Ion: 65 Resp: 246361
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081354.D

Acq: 11 Mar 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0311WBL01

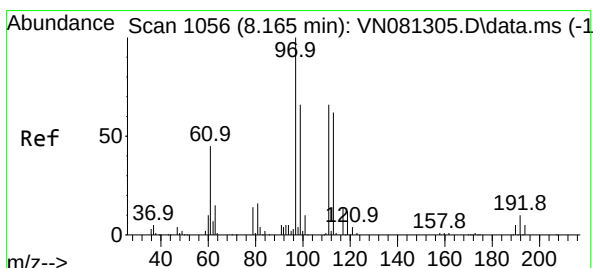
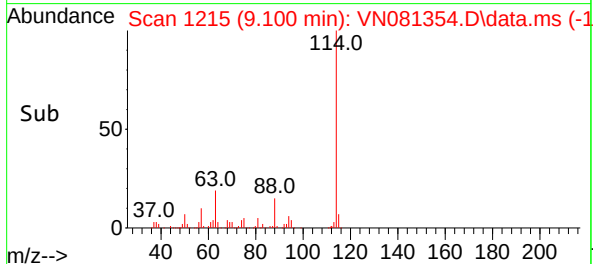
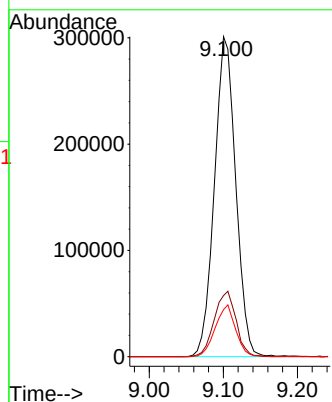
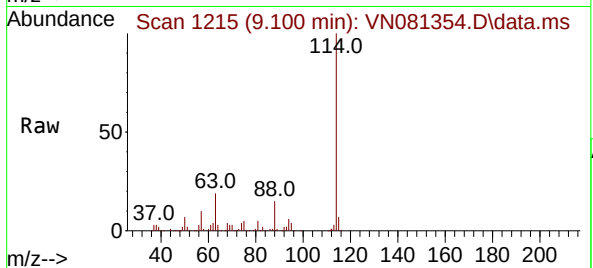
Tgt Ion:114 Resp: 601080

Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 14.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.733 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081354.D

Acq: 11 Mar 2024 11:18

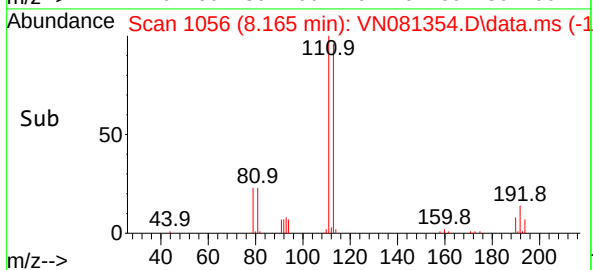
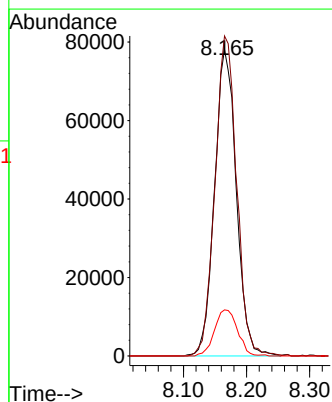
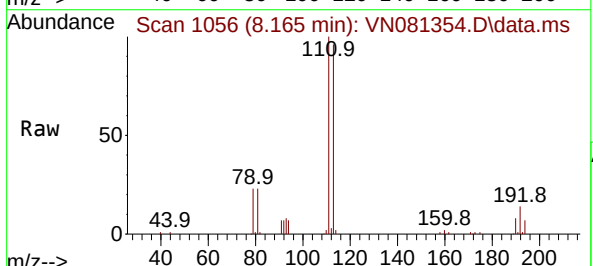
Tgt Ion:113 Resp: 186832

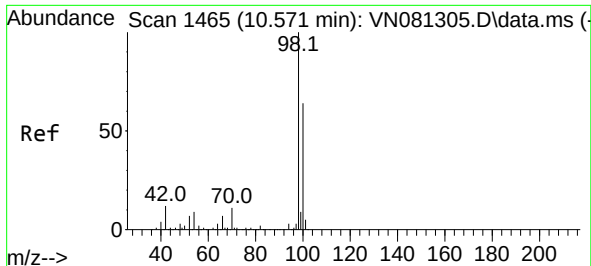
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 16.0 12.5 18.7

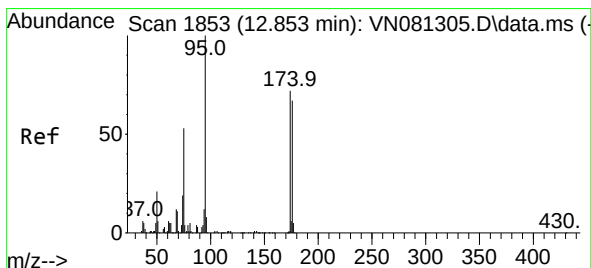
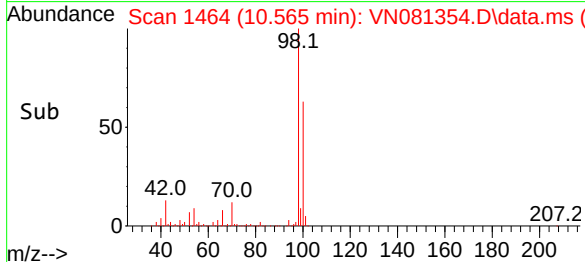
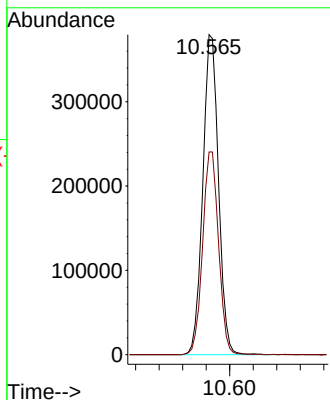
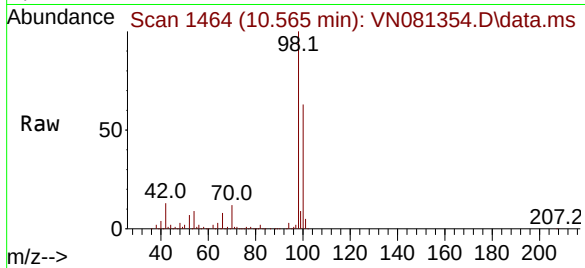




#50
Toluene-d8
Concen: 51.120 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

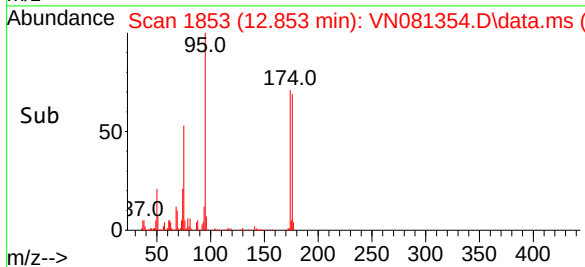
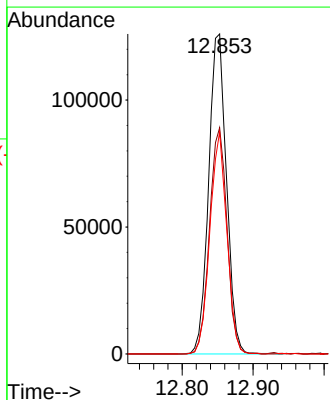
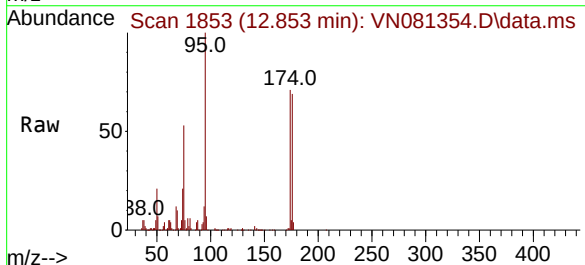
Instrument :
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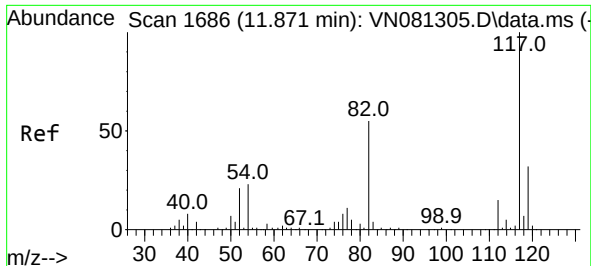
Tgt Ion: 98 Resp: 703748
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.070 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

Tgt Ion: 95 Resp: 219295
Ion Ratio Lower Upper
95 100
174 69.4 0.0 120.4
176 65.9 0.0 121.0

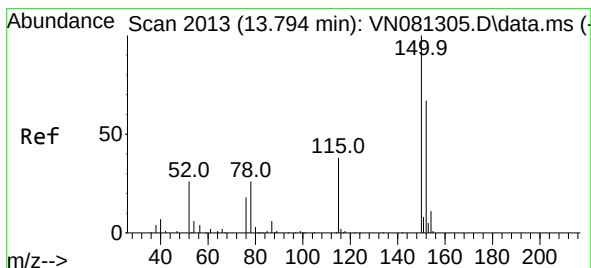
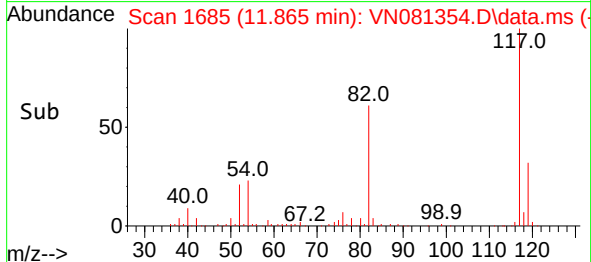
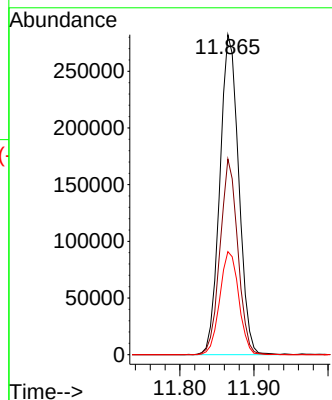
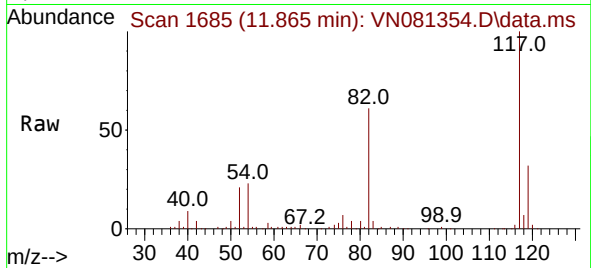




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN0311WBL01

Tgt Ion:117 Resp: 499377
Ion Ratio Lower Upper
117 100
82 61.2 52.7 79.1
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081354.D
Acq: 11 Mar 2024 11:18

Tgt Ion:152 Resp: 189919
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 161.0 0.0 339.8

