

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081368.D
 Acq On : 12 Mar 2024 10:57
 Operator : JC\MD
 Sample : VN0312MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312MBL01

Quant Time: Mar 13 04:49:23 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	346995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	610241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	526574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	248734	49.577	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.160%
35) Dibromofluoromethane	8.165	113	189994	50.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	10.571	98	728768	52.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.853	95	228778	46.314	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.620%

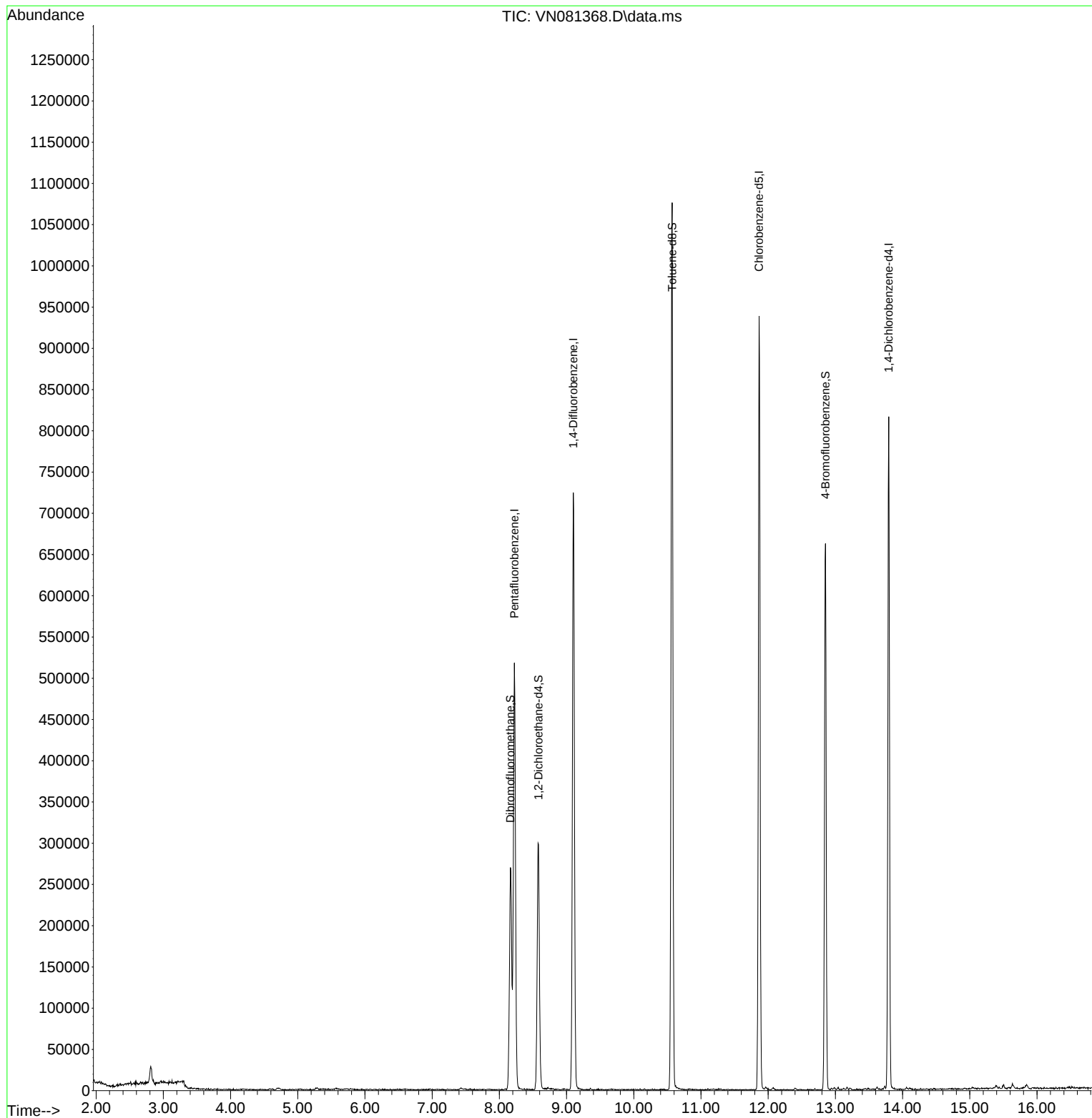
Target Compounds	Qvalue

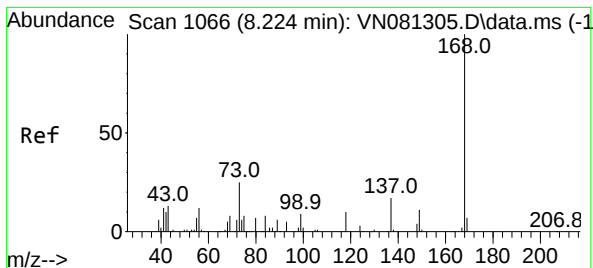
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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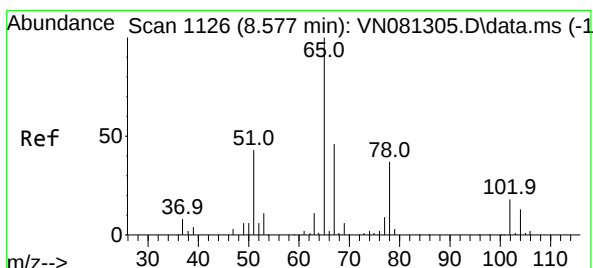
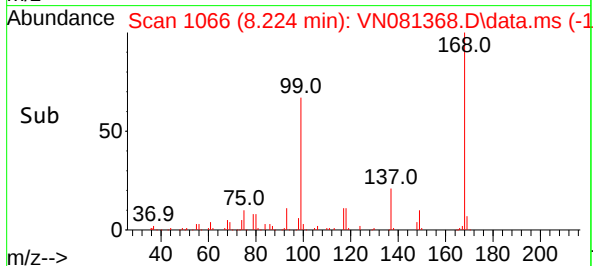
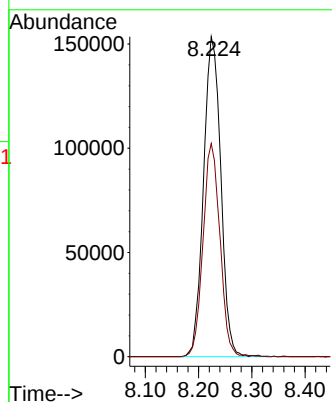
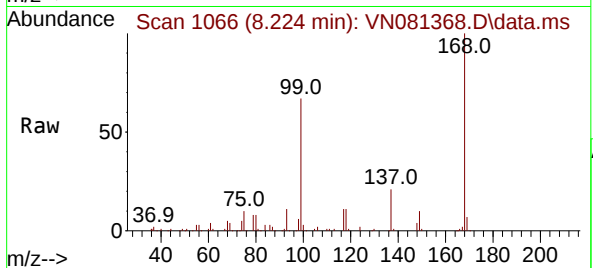




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081368.D
Acq: 12 Mar 2024 10:57

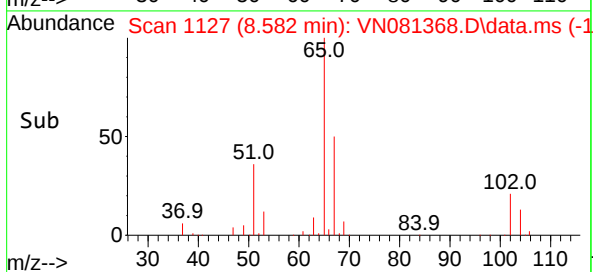
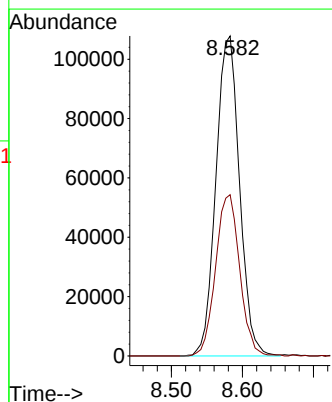
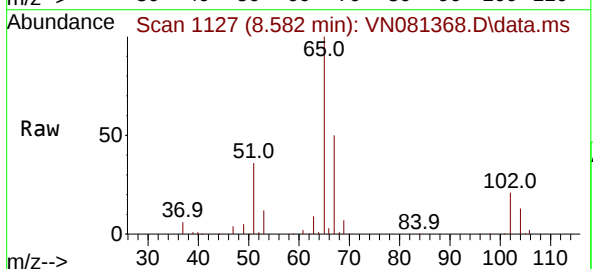
Instrument :
MSVOA_N
ClientSampleId :
VN0312MBL01

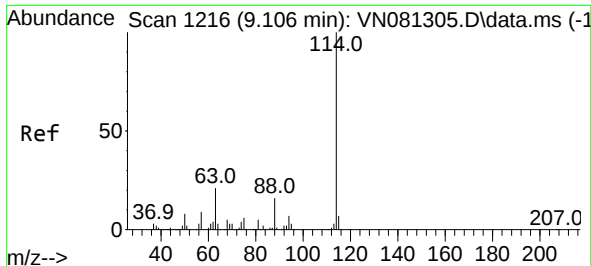
Tgt Ion:168 Resp: 346995
Ion Ratio Lower Upper
168 100
99 66.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 49.577 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081368.D
Acq: 12 Mar 2024 10:57

Tgt Ion: 65 Resp: 248734
Ion Ratio Lower Upper
65 100
67 51.4 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: VN081368.D

Acq: 12 Mar 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0312MBL01

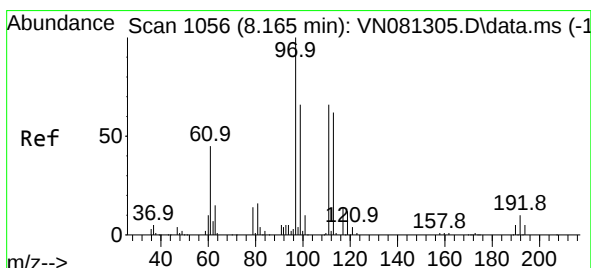
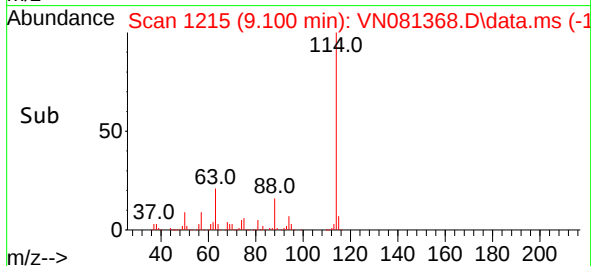
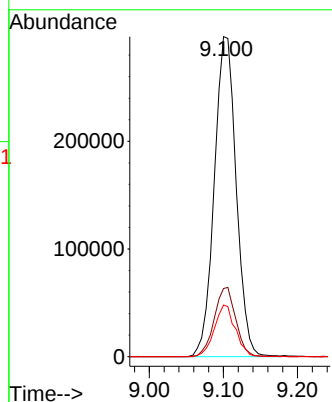
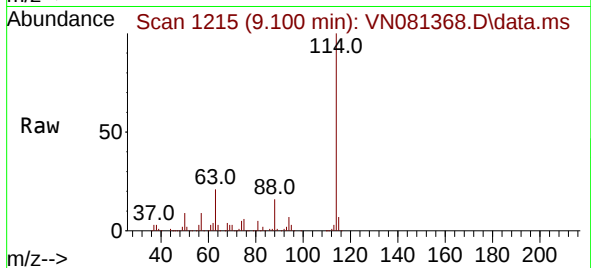
Tgt Ion:114 Resp: 610241

Ion Ratio Lower Upper

114 100

63 21.3 0.0 48.0

88 16.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.818 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081368.D

Acq: 12 Mar 2024 10:57

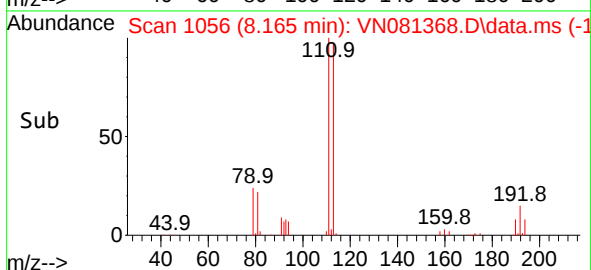
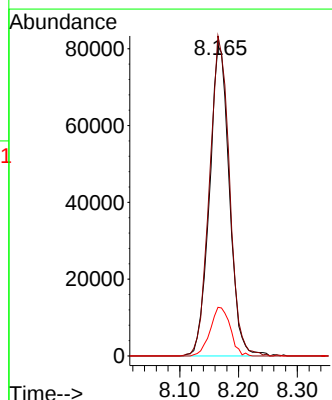
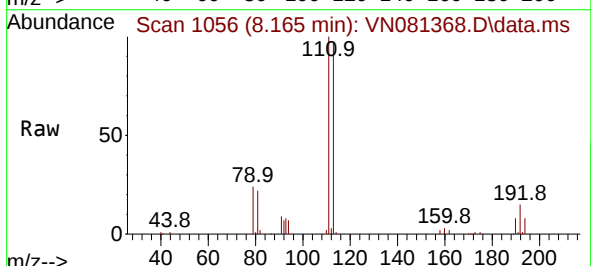
Tgt Ion:113 Resp: 189994

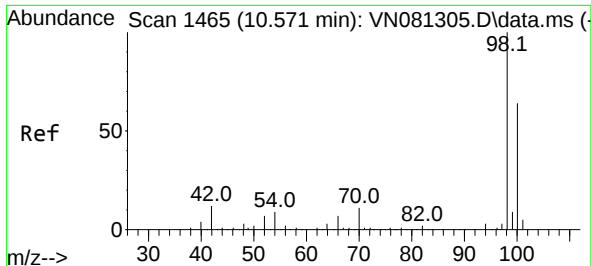
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 15.8 12.5 18.7

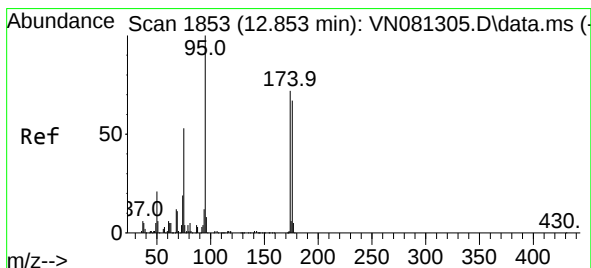
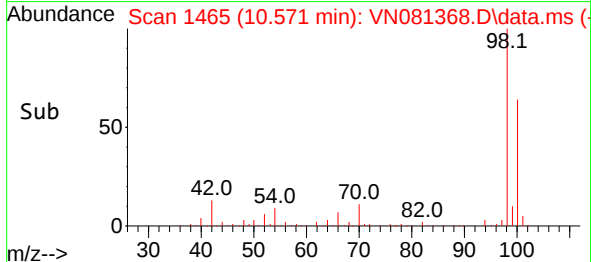
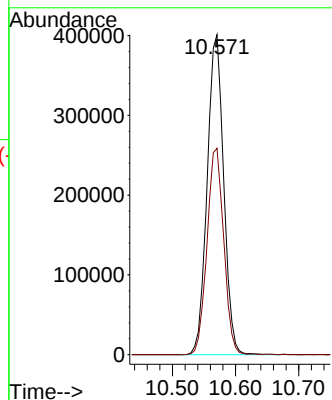
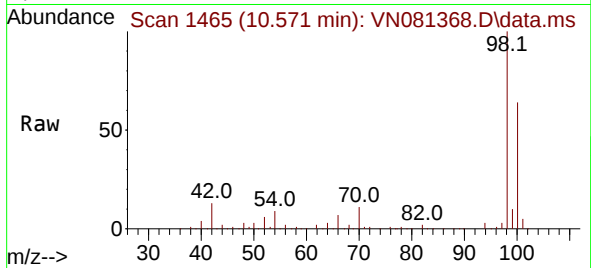




#50
Toluene-d8
Concen: 52.143 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081368.D
Acq: 12 Mar 2024 10:57

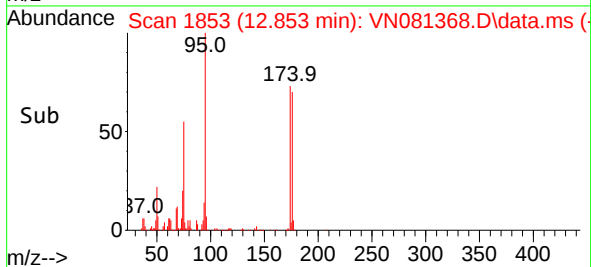
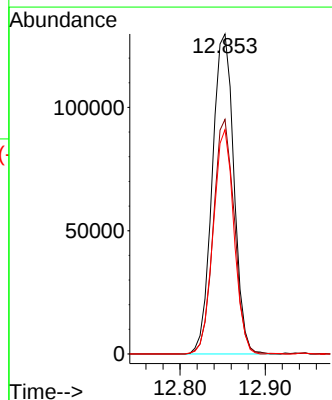
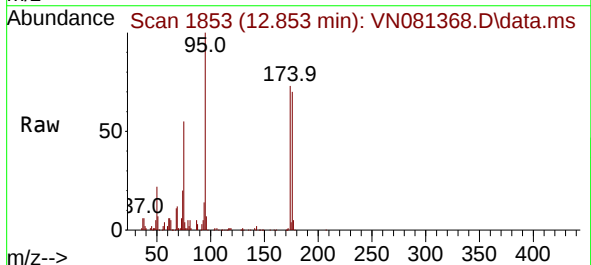
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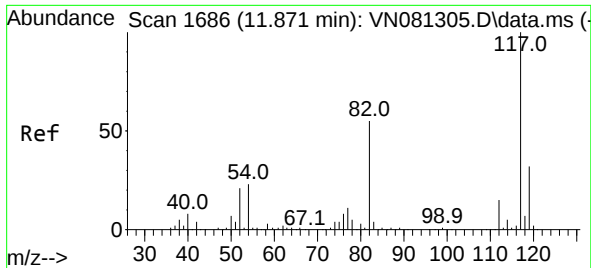
Tgt Ion: 98 Resp: 728768
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.314 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081368.D
Acq: 12 Mar 2024 10:57

Tgt Ion: 95 Resp: 228778
Ion Ratio Lower Upper
95 100
174 71.2 0.0 120.4
176 67.5 0.0 121.0

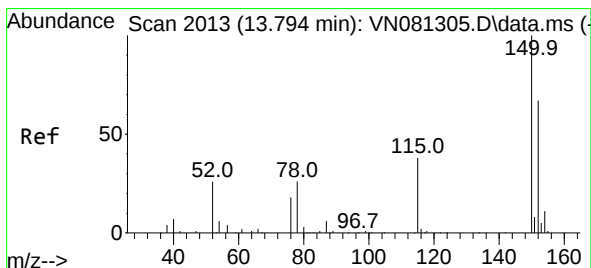
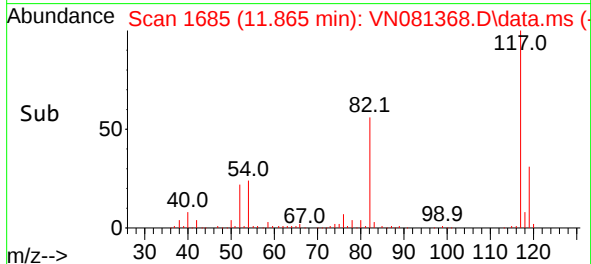
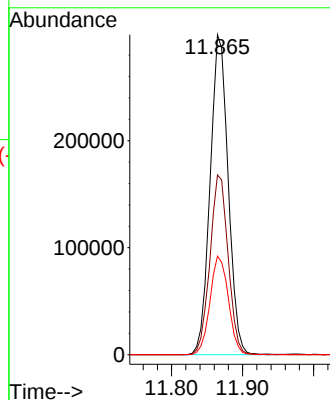
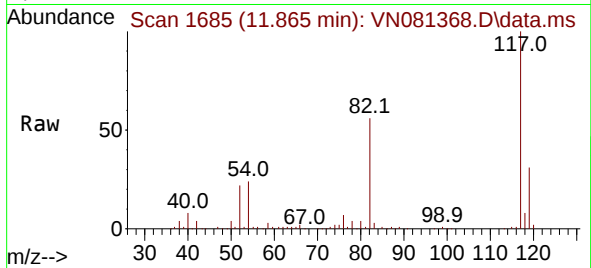




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081368.D
Acq: 12 Mar 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :
VN0312MBL01

Tgt Ion:117 Resp: 526574
Ion Ratio Lower Upper
117 100
82 56.1 52.7 79.1
119 30.8 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: VN081368.D
Acq: 12 Mar 2024 10:57

Tgt Ion:152 Resp: 206868
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 155.1 0.0 339.8

