

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040224\
 Data File : VN081650.D
 Acq On : 02 Apr 2024 12:26
 Operator : JC\MD
 Sample : VN0402WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBL01

Quant Time: Apr 03 01:31:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	318617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	596075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	541101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	228661	56.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.560%
35) Dibromofluoromethane	8.171	113	196446	52.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.571	98	709907	52.204	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.847	95	223278	46.598	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.200%

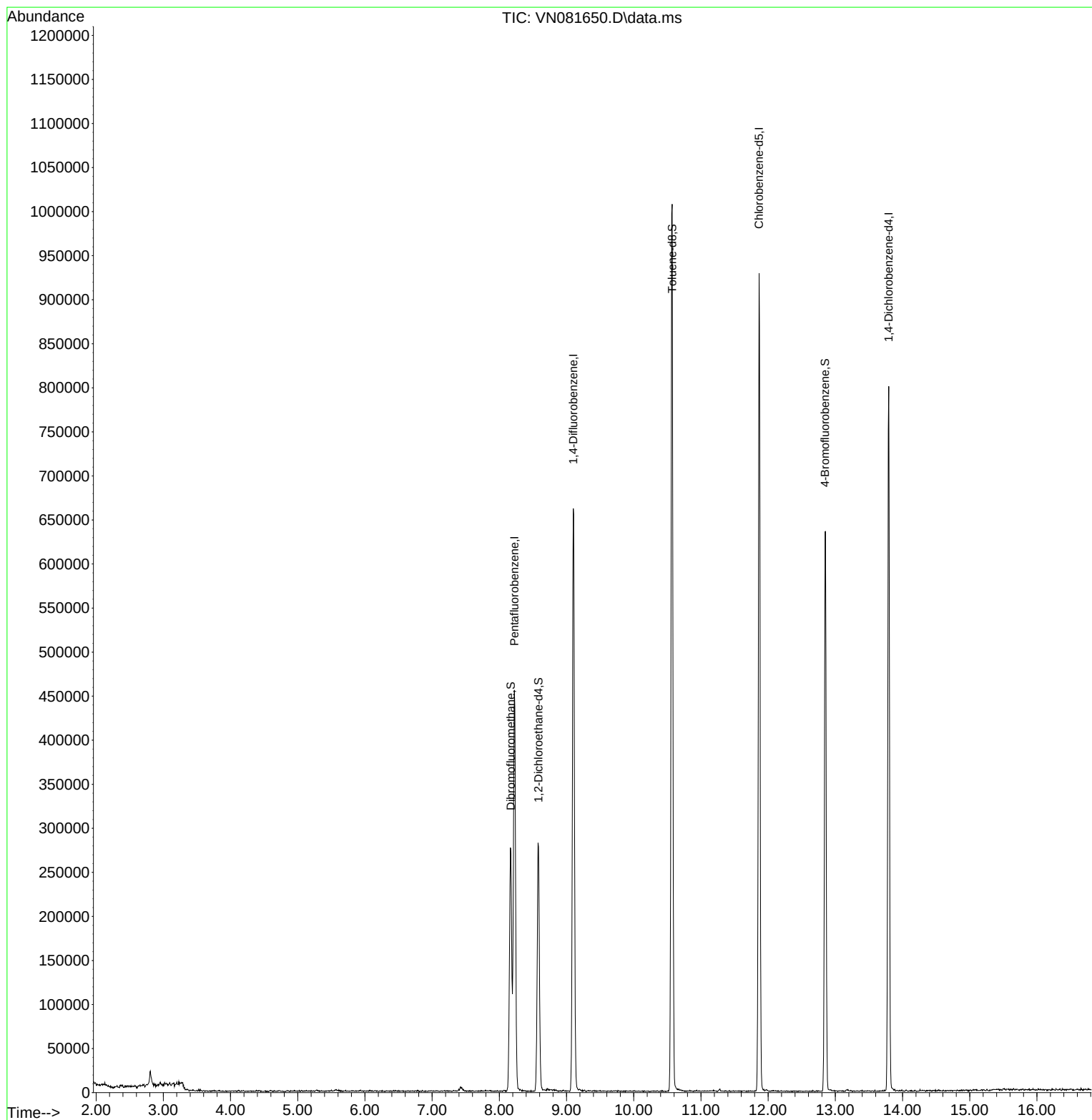
Target Compounds	Qvalue

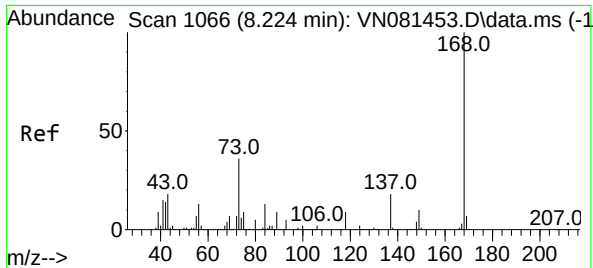
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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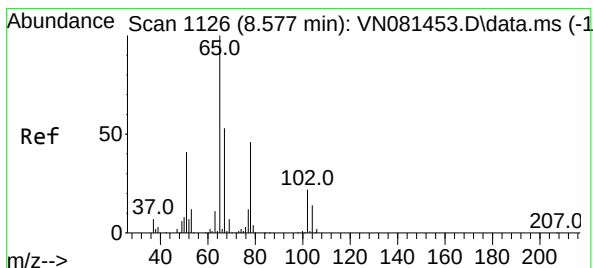
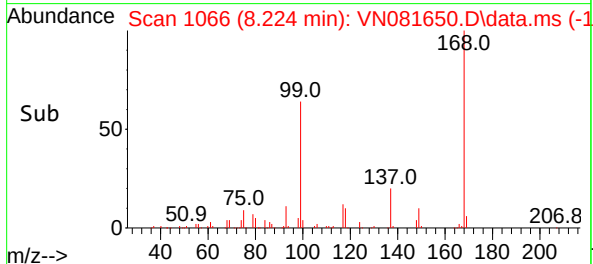
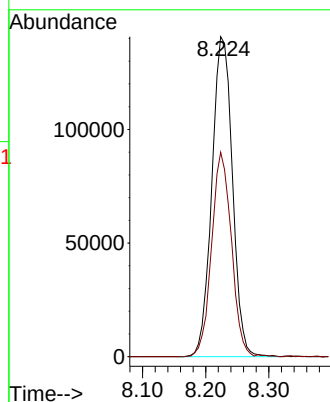
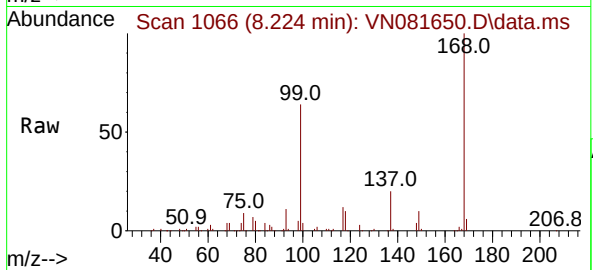




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

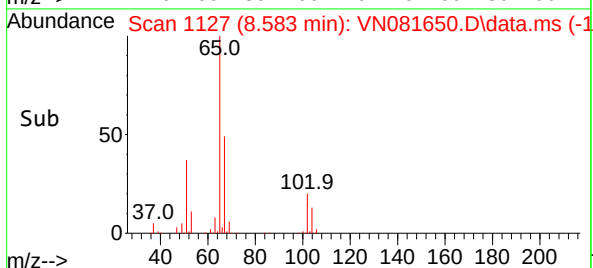
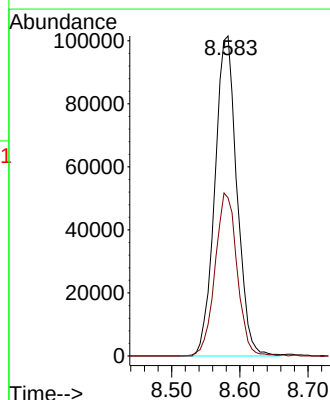
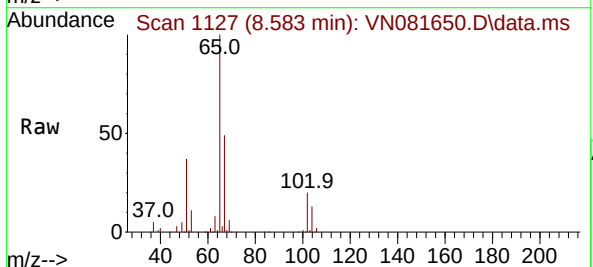
Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

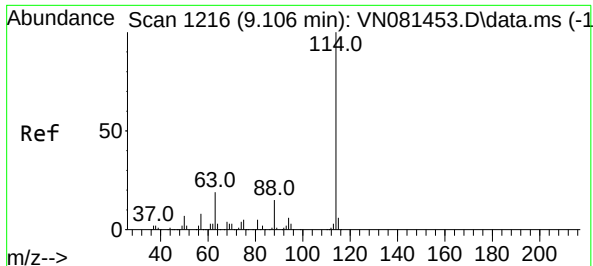
Tgt Ion:168 Resp: 318617
Ion Ratio Lower Upper
168 100
99 63.9 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 56.276 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

Tgt Ion: 65 Resp: 228661
Ion Ratio Lower Upper
65 100
67 50.9 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: VN081650.D

Acq: 02 Apr 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0402WBL01

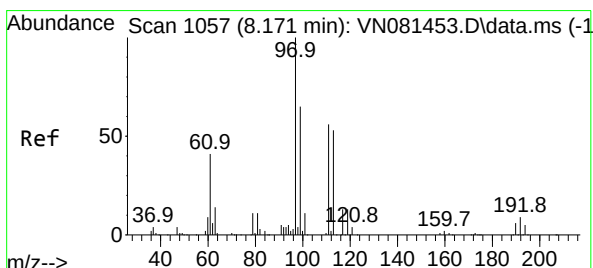
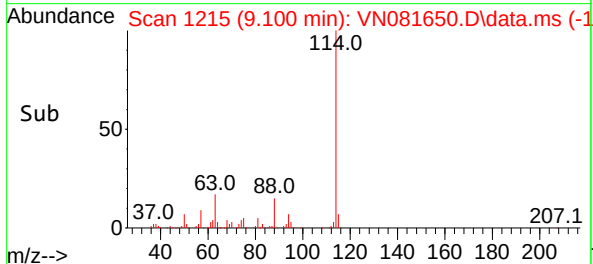
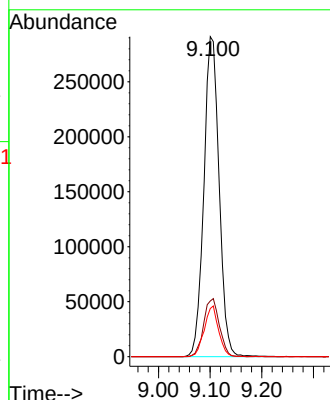
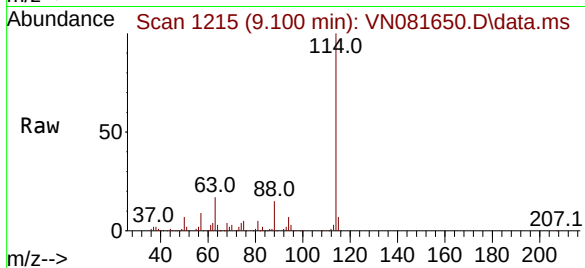
Tgt Ion:114 Resp: 596075

Ion Ratio Lower Upper

114 100

63 17.4 0.0 48.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.221 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081650.D

Acq: 02 Apr 2024 12:26

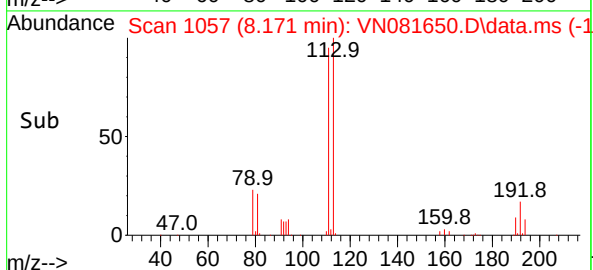
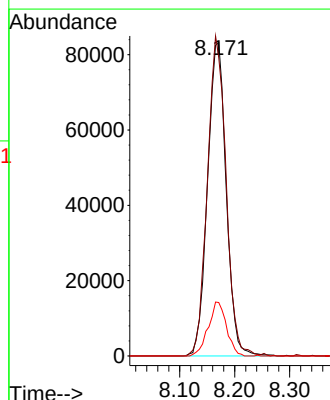
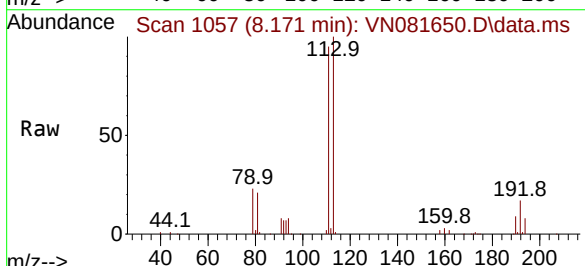
Tgt Ion:113 Resp: 196446

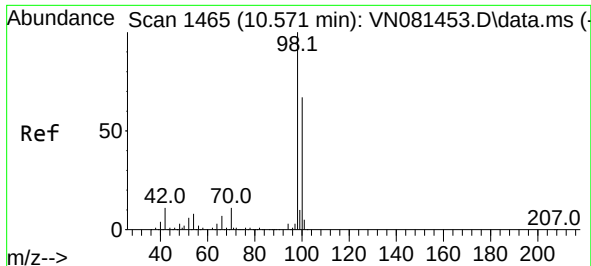
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 16.8 12.5 18.7

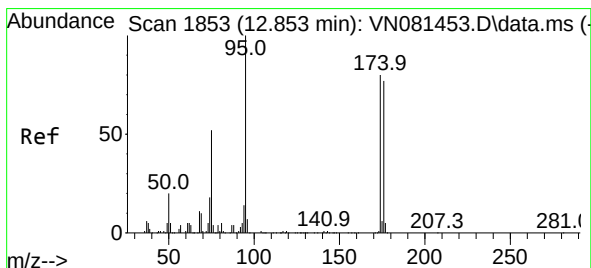
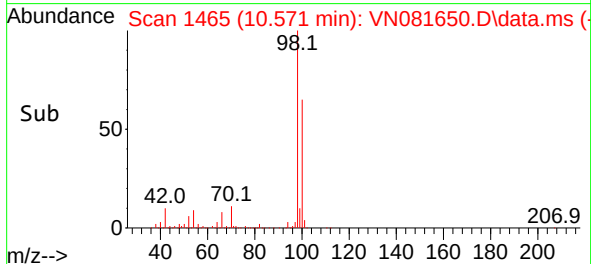
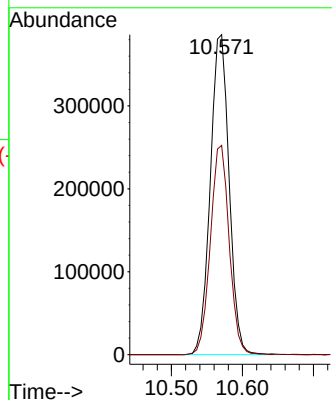
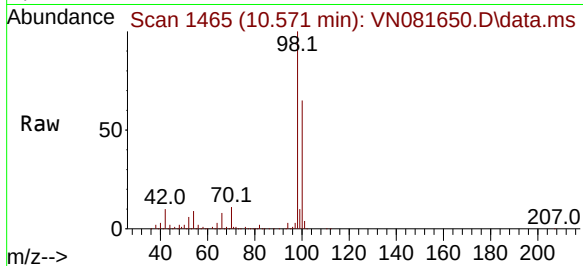




#50
Toluene-d8
Concen: 52.204 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

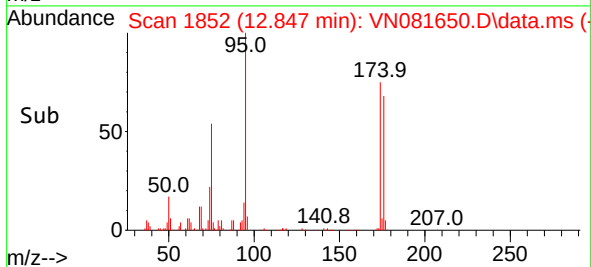
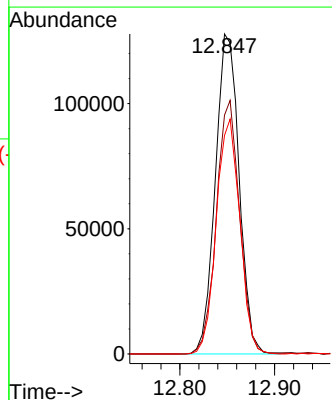
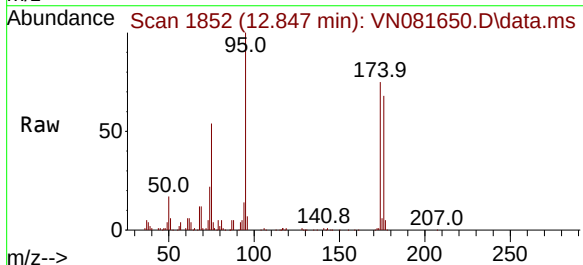
Instrument :
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VN0402WBL01

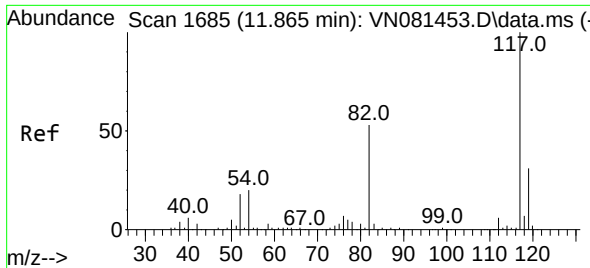
Tgt Ion: 98 Resp: 709907
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.598 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

Tgt Ion: 95 Resp: 223278
Ion Ratio Lower Upper
95 100
174 77.4 0.0 120.4
176 72.8 0.0 121.0

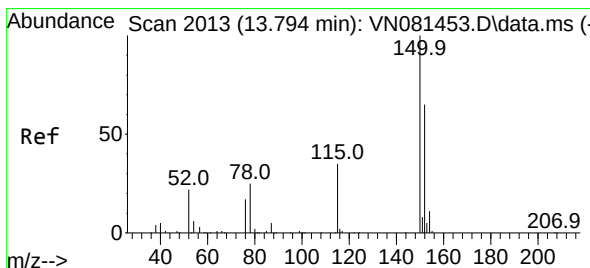
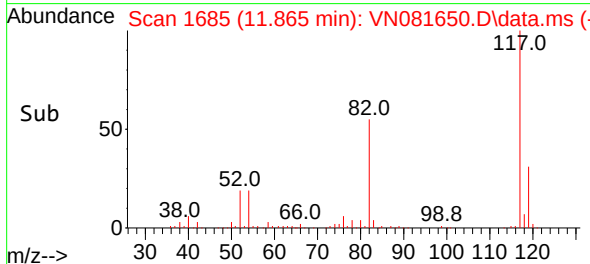
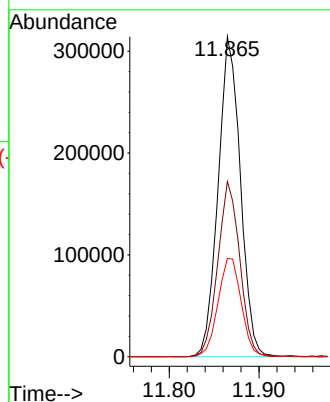
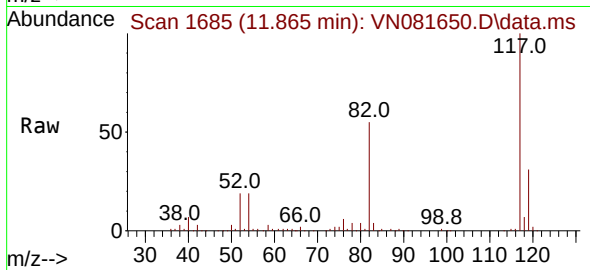




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081650.D
Acq: 02 Apr 2024 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0402WBL01

Tgt Ion:117 Resp: 541101
Ion Ratio Lower Upper
117 100
82 54.7 52.7 79.1
119 30.7 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: VN081650.D
Acq: 02 Apr 2024 12:26

Tgt Ion:152 Resp: 215284
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 159.5 0.0 339.8

