

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081109.D
 Acq On : 21 Feb 2024 10:39
 Operator : JC\MD
 Sample : VN0221WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL01

Quant Time: Feb 22 04:42:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	300144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	527062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	452721	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162149	44.075	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.160%
35) Dibromofluoromethane	8.171	113	138646	46.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.040%
50) Toluene-d8	10.565	98	454948	42.978	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.960%#
62) 4-Bromofluorobenzene	12.847	95	163242	41.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.080%#

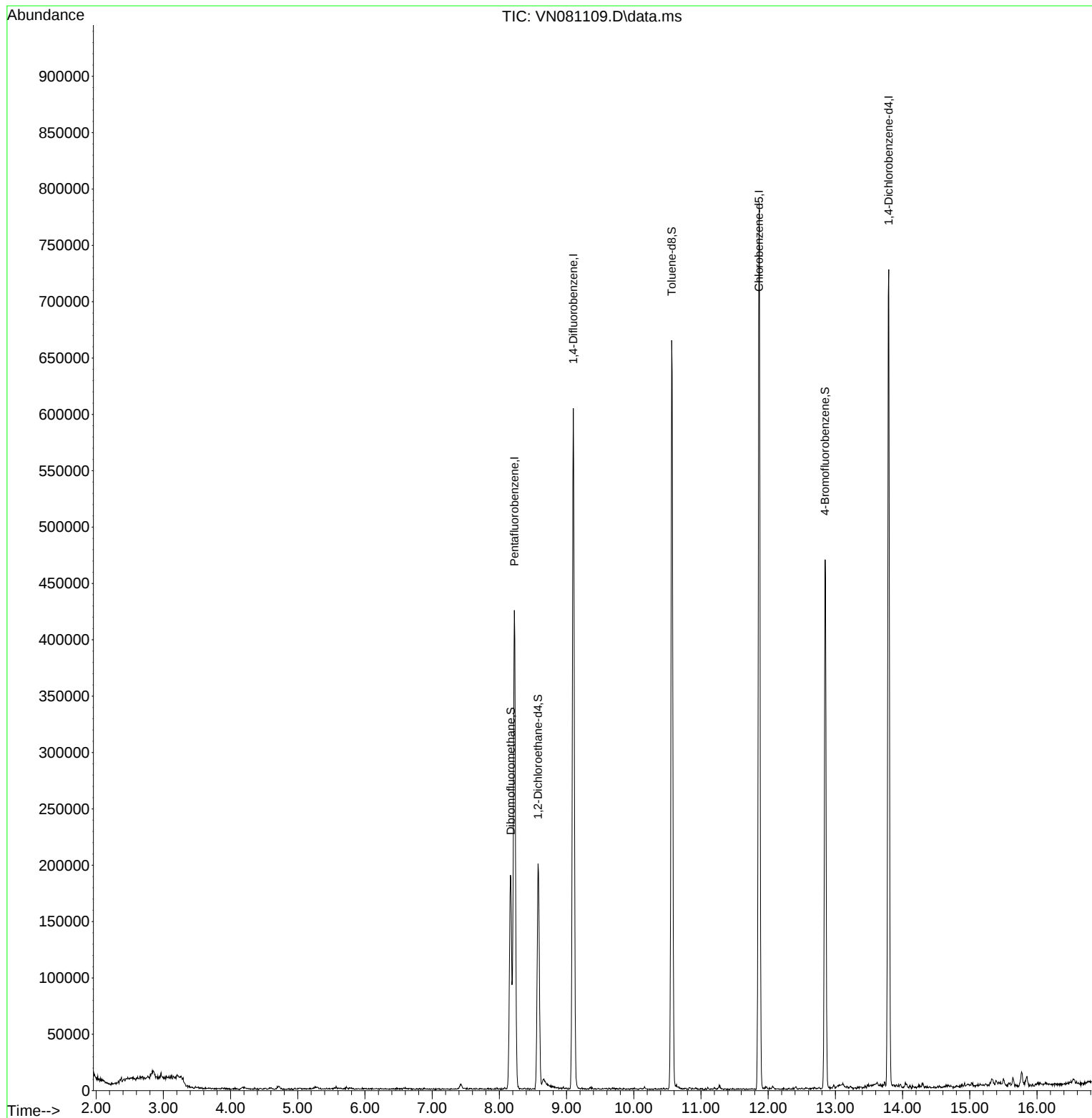
Target Compounds	Qvalue

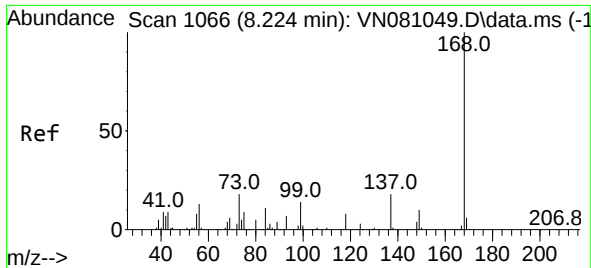
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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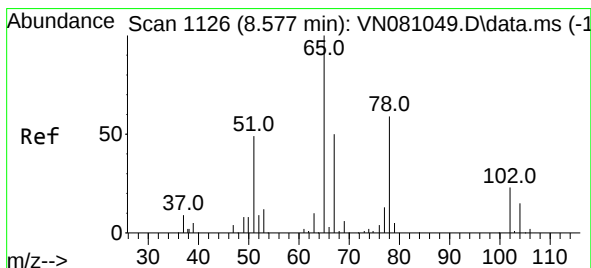
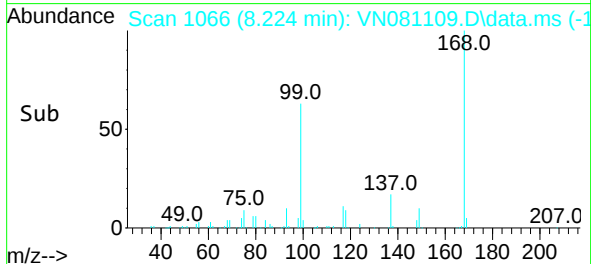
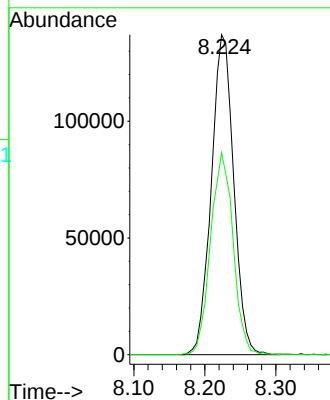
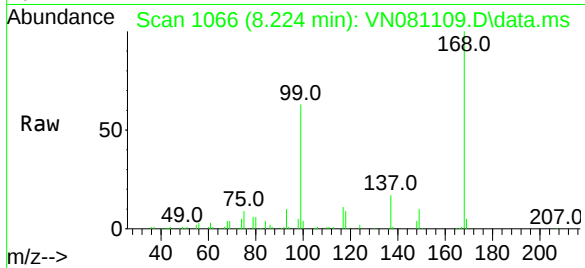




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081109.D
Acq: 21 Feb 2024 10:39

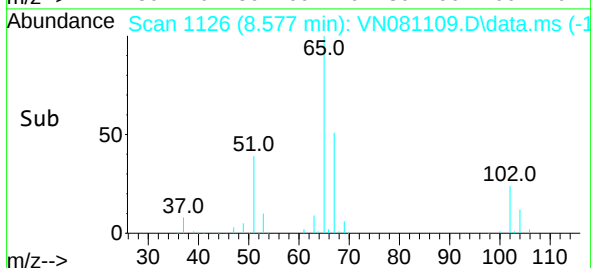
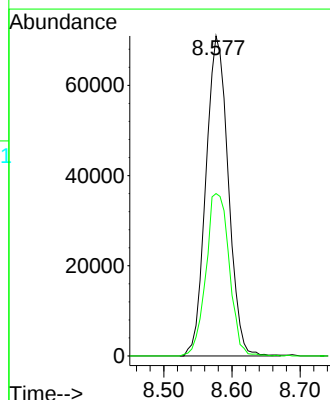
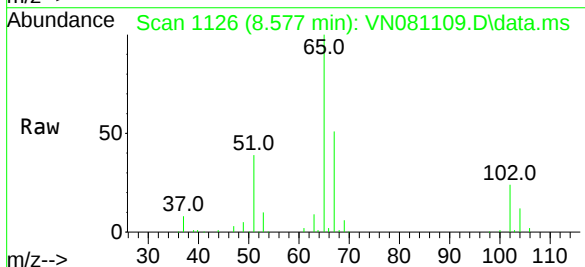
Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL01

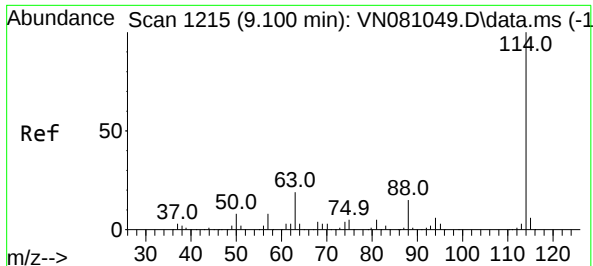
Tgt Ion:168 Resp: 300144
Ion Ratio Lower Upper
168 100
99 63.1 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 44.075 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081109.D
Acq: 21 Feb 2024 10:39

Tgt Ion: 65 Resp: 162149
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081109.D

Acq: 21 Feb 2024 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBL01

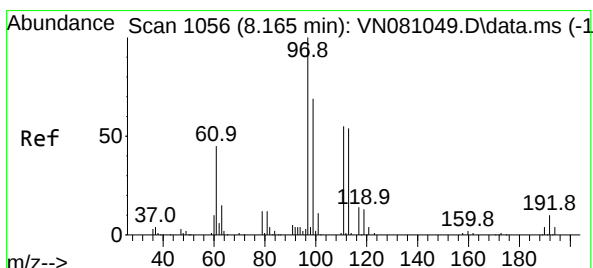
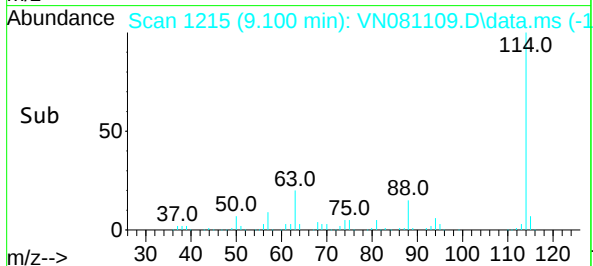
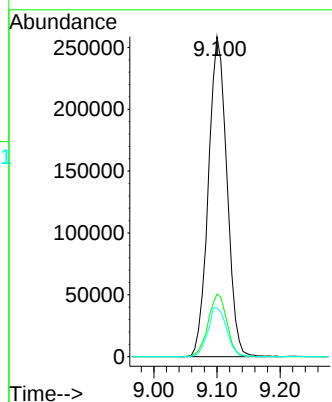
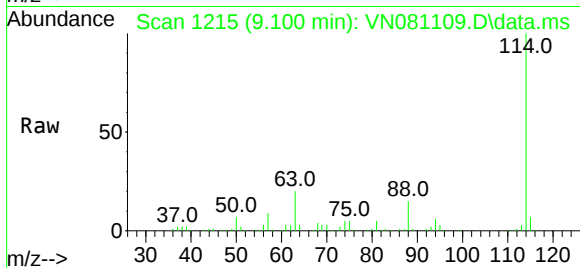
Tgt Ion:114 Resp: 527062

Ion Ratio Lower Upper

114 100

63 19.5 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 46.520 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081109.D

Acq: 21 Feb 2024 10:39

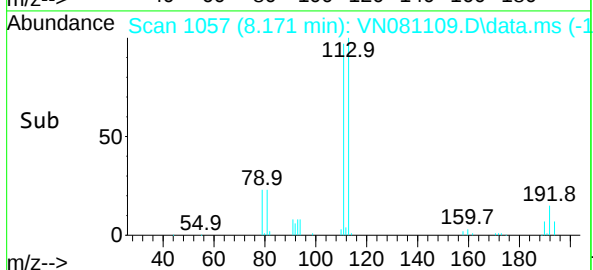
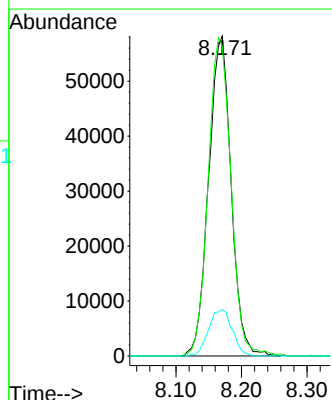
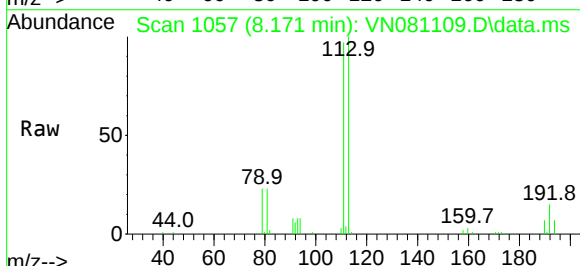
Tgt Ion:113 Resp: 138646

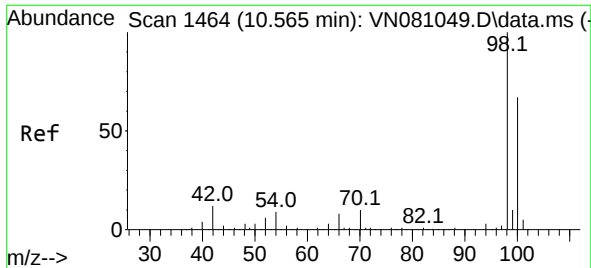
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 15.2 12.5 18.7

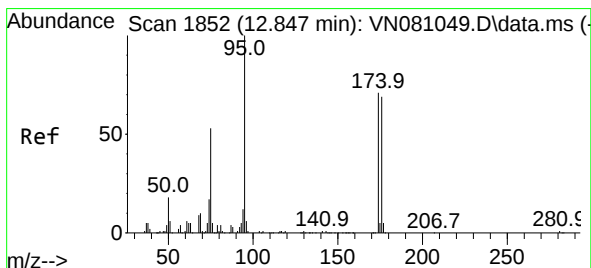
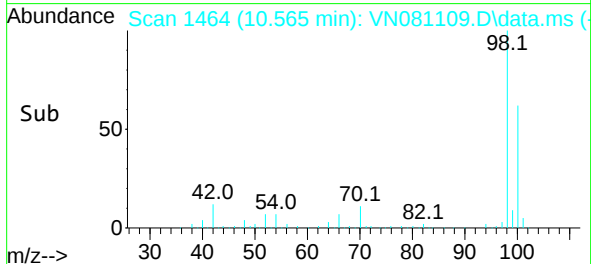
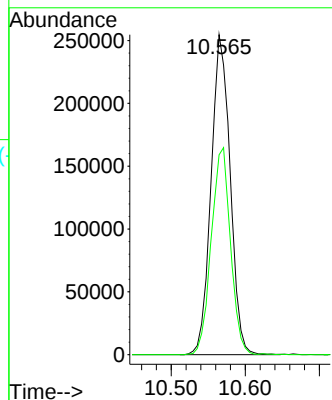
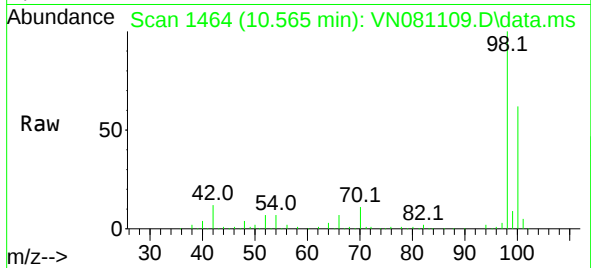




#50
Toluene-d8
Concen: 42.978 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081109.D
Acq: 21 Feb 2024 10:39

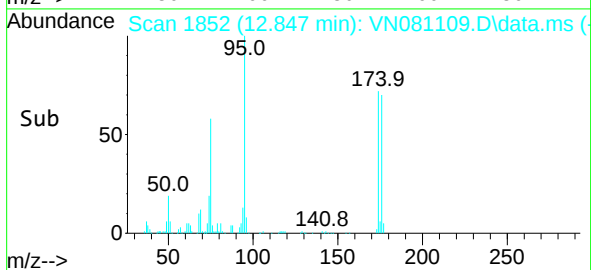
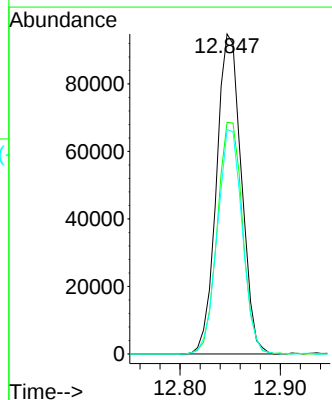
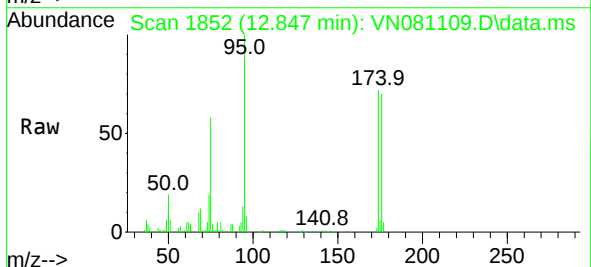
Instrument :
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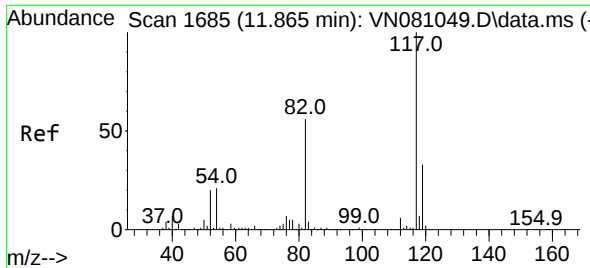
Tgt Ion: 98 Resp: 454948
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.041 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081109.D
Acq: 21 Feb 2024 10:39

Tgt Ion: 95 Resp: 163242
Ion Ratio Lower Upper
95 100
174 73.4 0.0 120.4
176 70.3 0.0 121.0

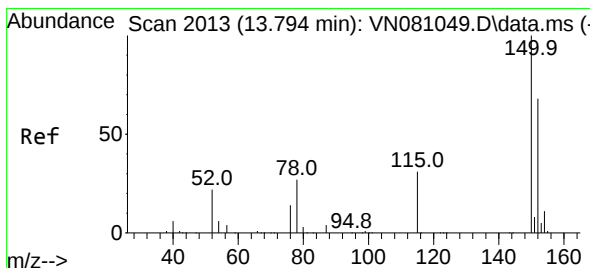
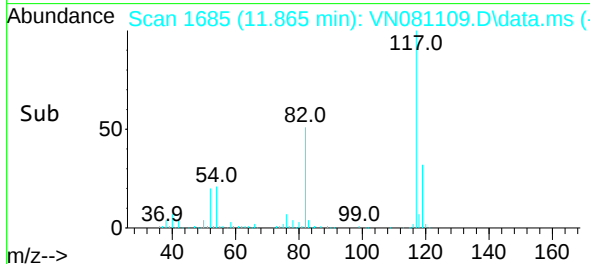
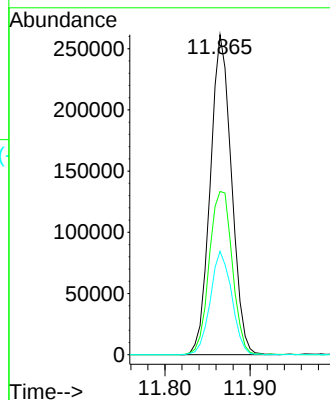
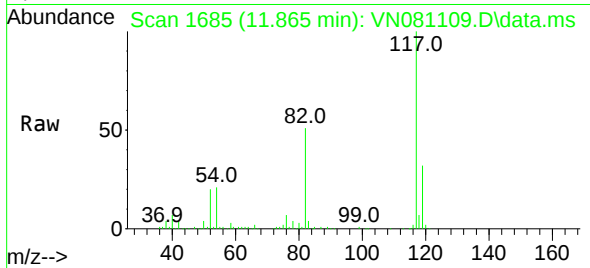




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081109.D
Acq: 21 Feb 2024 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL01

Tgt Ion:117 Resp: 452721
Ion Ratio Lower Upper
117 100
82 51.0 52.7 79.1#
119 32.3 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: VN081109.D
Acq: 21 Feb 2024 10:39

Tgt Ion:152 Resp: 191388
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 157.5 0.0 339.8

