

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081110.D
 Acq On : 21 Feb 2024 11:03
 Operator : JC\MD
 Sample : VN0221WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBL02

Quant Time: Feb 22 04:43:18 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	8.223	168	370832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	672395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	575435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	235590	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	211374	46.503	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.000%
35) Dibromofluoromethane	8.171	113	177088	46.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	10.564	98	595846	44.123	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.240%
62) 4-Bromofluorobenzene	12.847	95	220485	43.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.900%

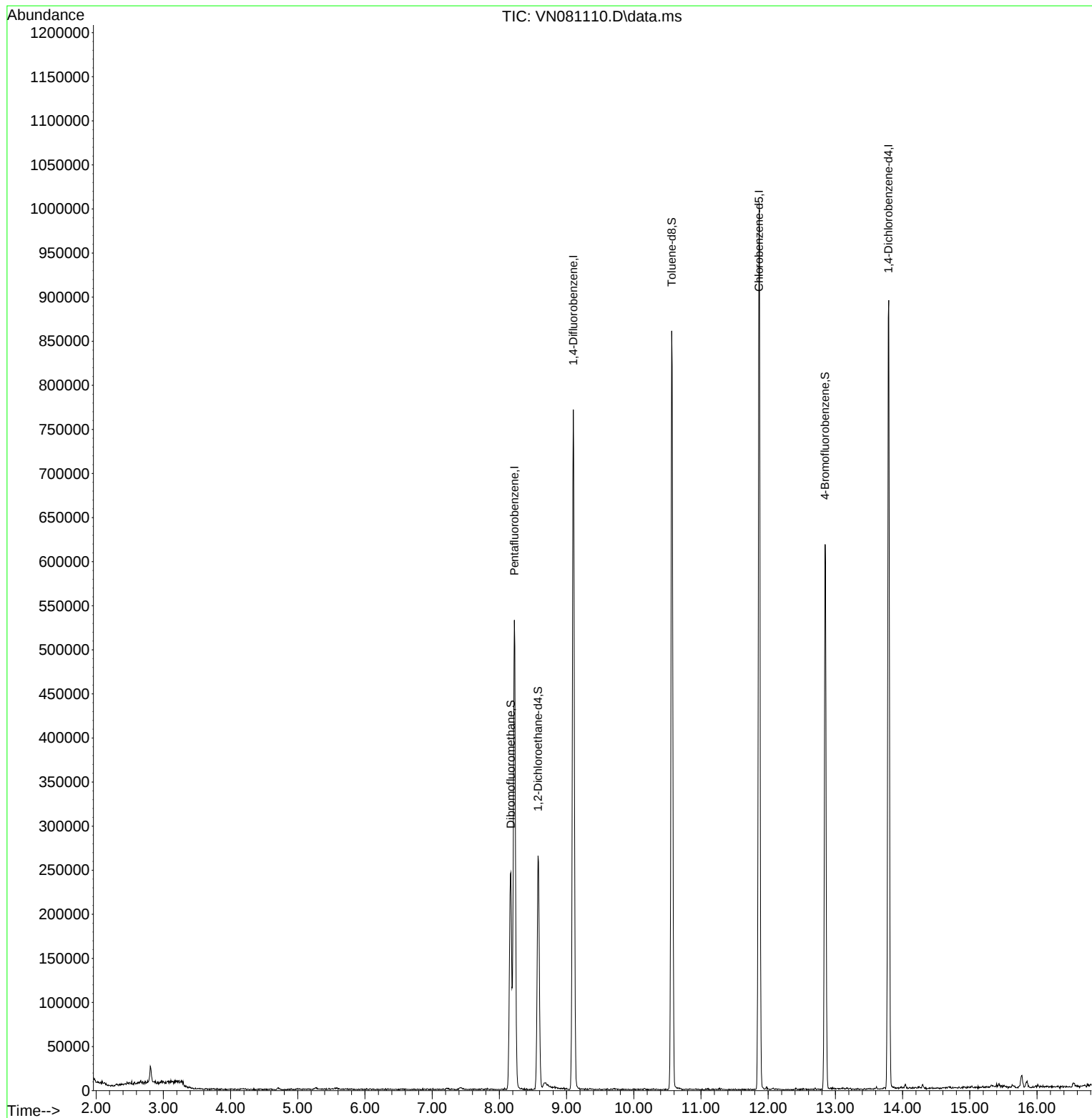
Target Compounds	Qvalue

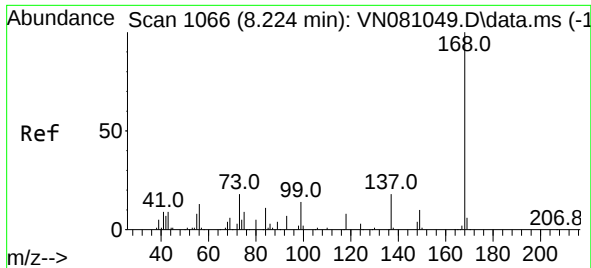
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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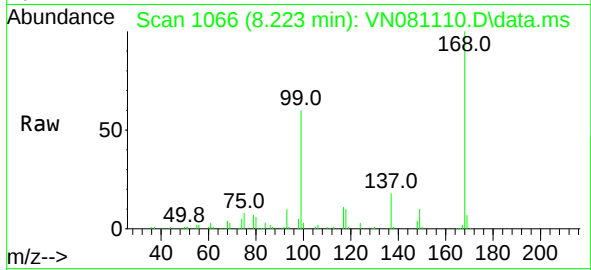
Quant Time: Feb 22 04:43:18 2024
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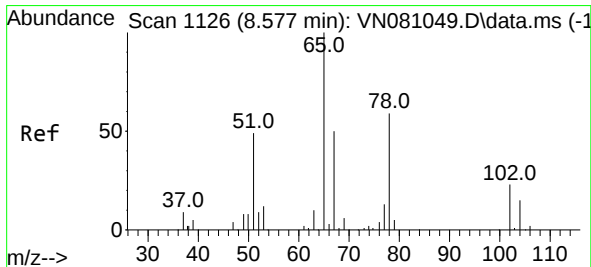
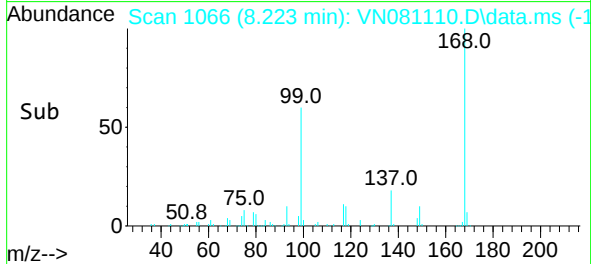
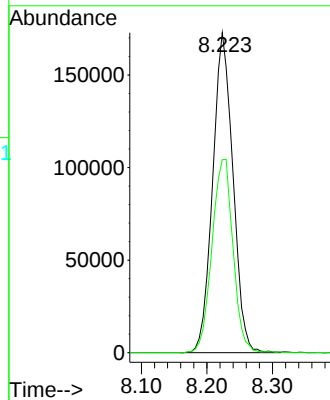


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

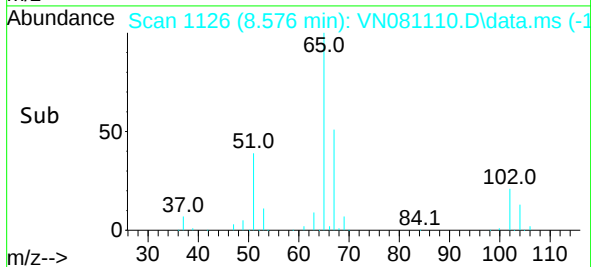
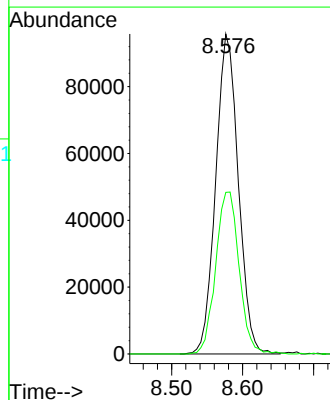
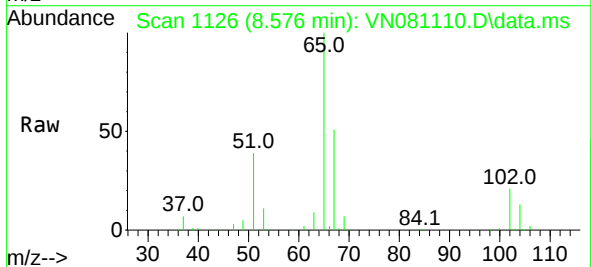


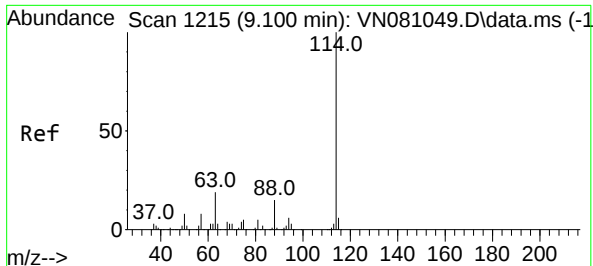
Tgt Ion:168 Resp: 370832
Ion Ratio Lower Upper
168 100
99 60.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 46.503 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Tgt Ion: 65 Resp: 211374
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081110.D

Acq: 21 Feb 2024 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0221WBL02

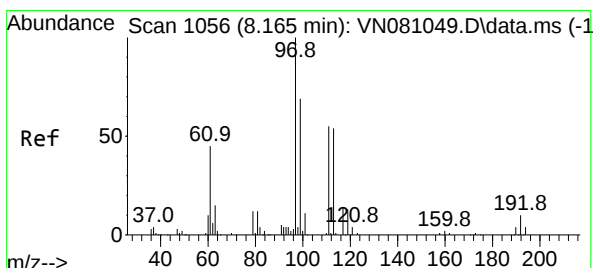
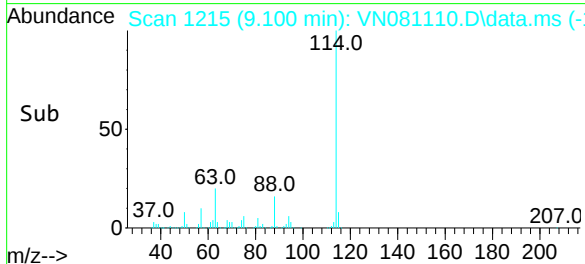
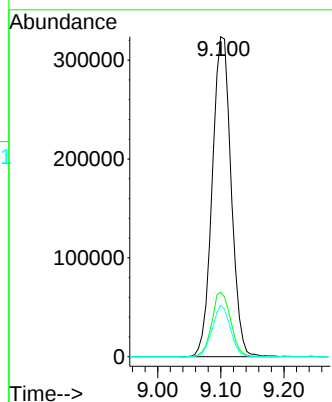
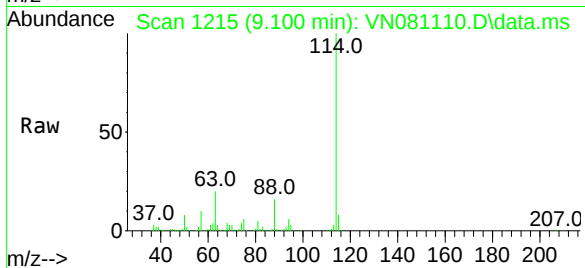
Tgt Ion:114 Resp: 672395

Ion Ratio Lower Upper

114 100

63 20.2 0.0 48.0

88 16.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 46.575 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081110.D

Acq: 21 Feb 2024 11:03

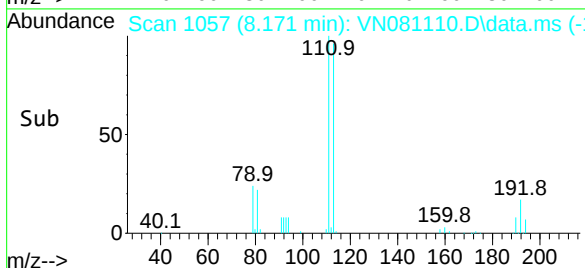
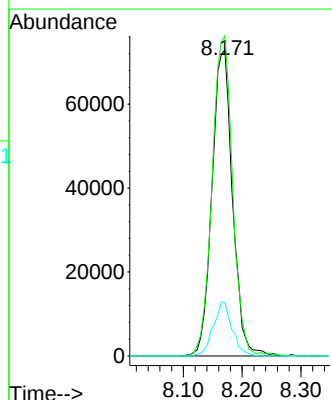
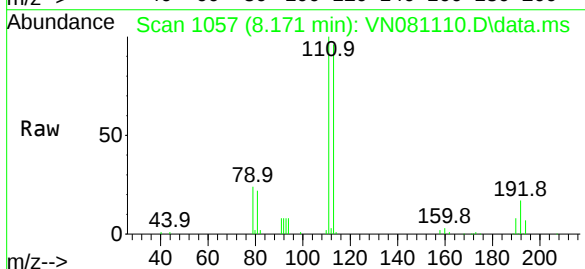
Tgt Ion:113 Resp: 177088

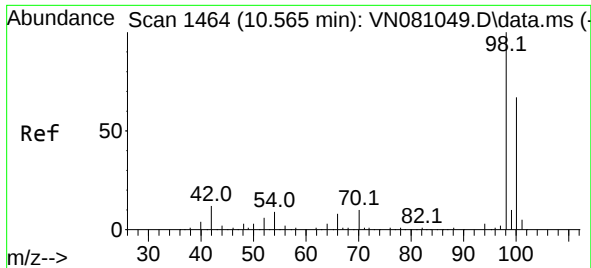
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 16.2 12.5 18.7

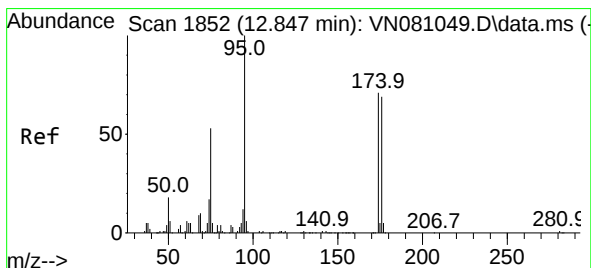
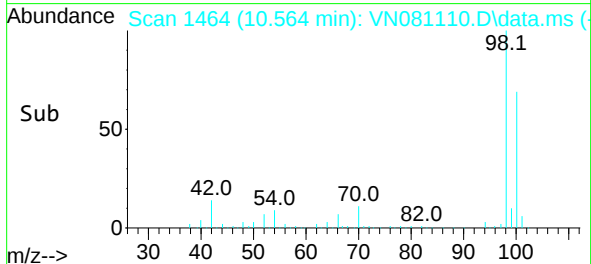
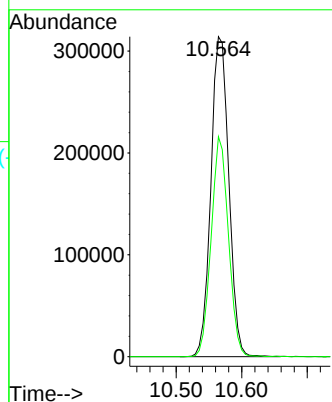
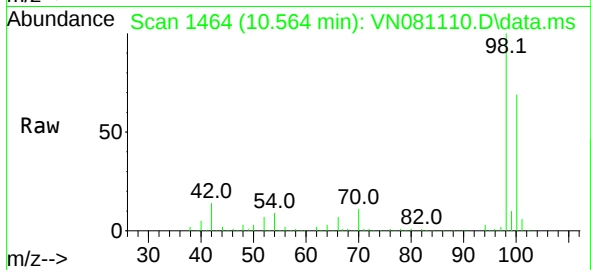




#50
Toluene-d8
Concen: 44.123 ug/l
RT: 10.564 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

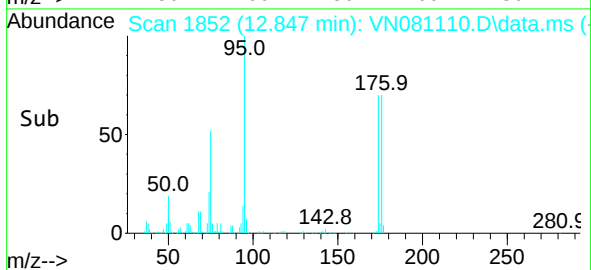
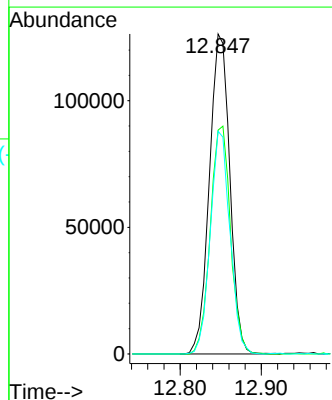
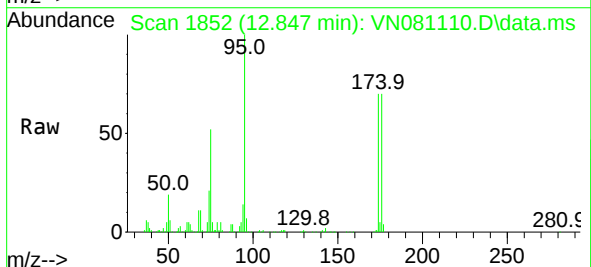
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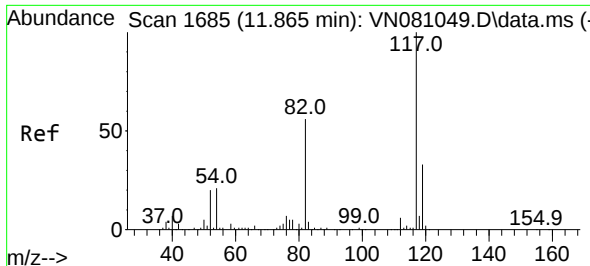
Tgt Ion: 98 Resp: 595846
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.451 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Tgt Ion: 95 Resp: 220485
Ion Ratio Lower Upper
95 100
174 70.6 0.0 120.4
176 67.1 0.0 121.0

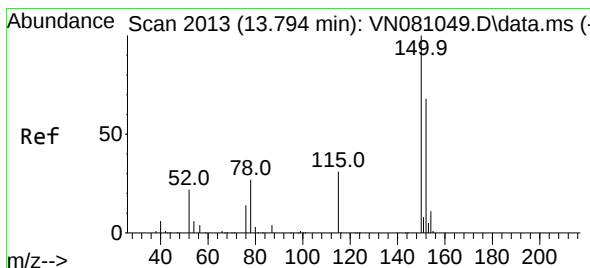
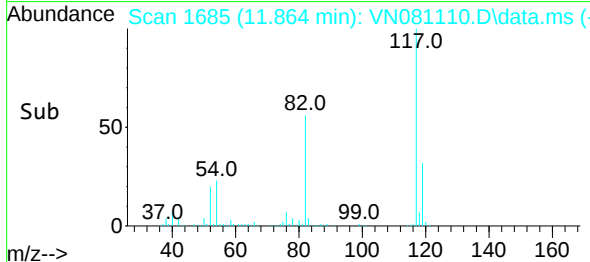
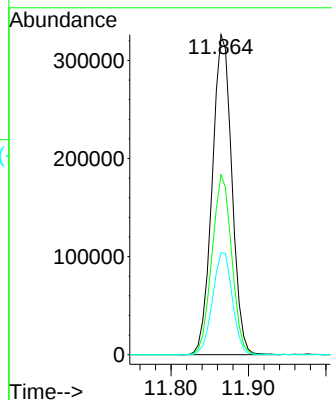
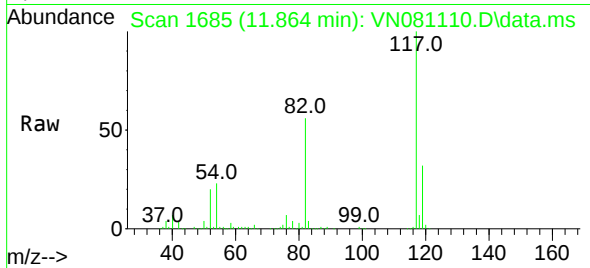




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBL02

Tgt Ion:117 Resp: 575435
Ion Ratio Lower Upper
117 100
82 56.3 52.7 79.1
119 31.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN081110.D
Acq: 21 Feb 2024 11:03

Tgt Ion:152 Resp: 235590
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 158.8 0.0 339.8

