

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080874.D
 Acq On : 02 Feb 2024 15:18
 Operator : JC\MD
 Sample : VN0202WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBL01

Quant Time: Feb 02 23:50:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	82205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	195060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	203421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68268	48.004	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.000%
35) Dibromofluoromethane	8.171	113	54387	45.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	10.570	98	213670	45.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.500%
62) 4-Bromofluorobenzene	12.853	95	83999	51.607	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.220%

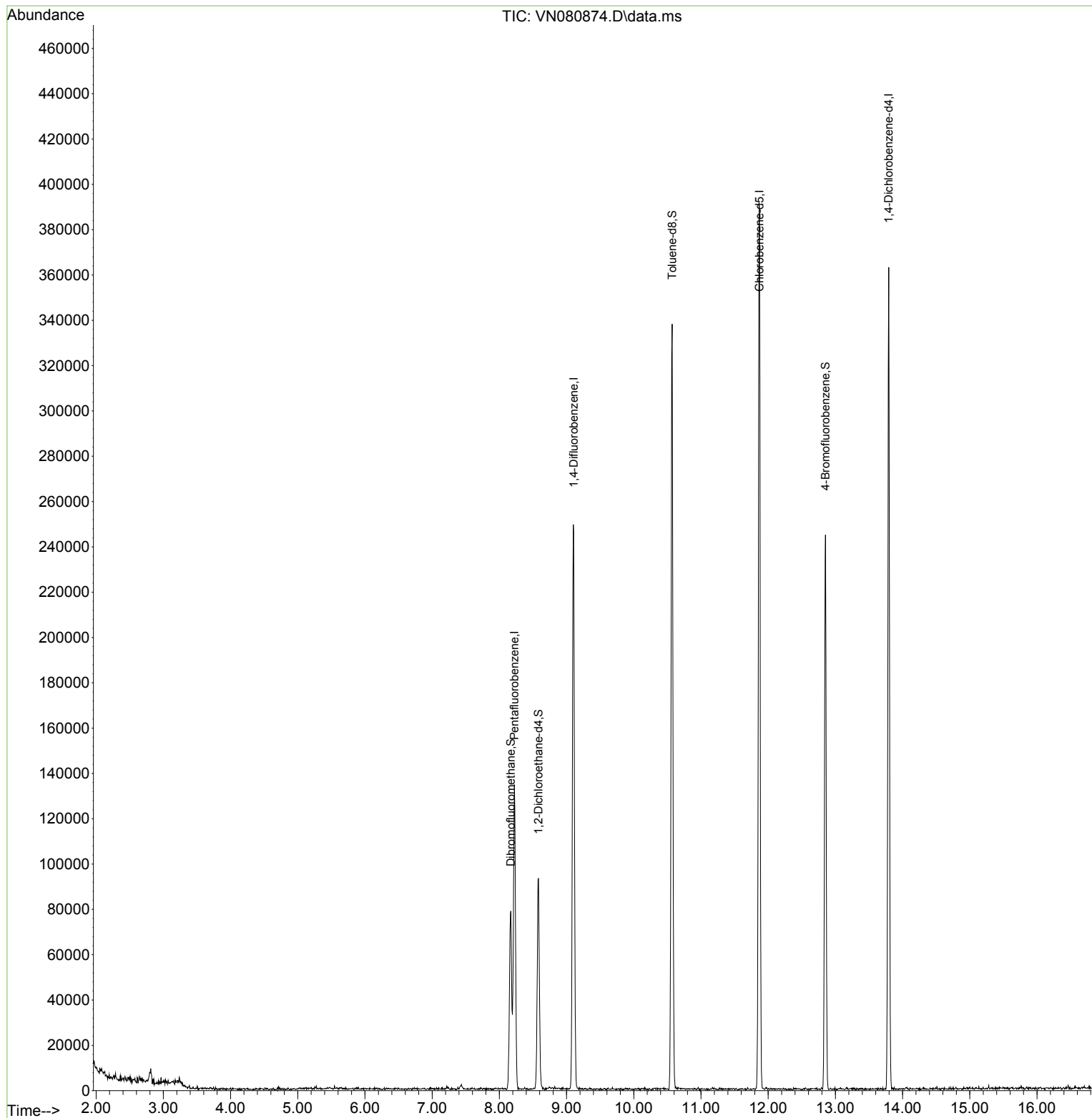
Target Compounds	Qvalue

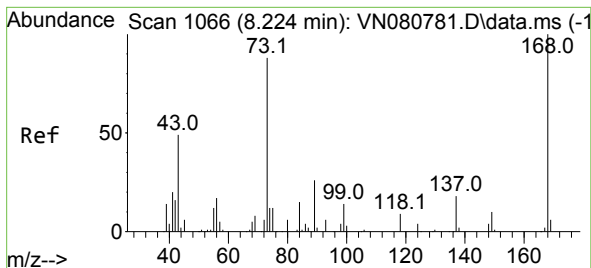
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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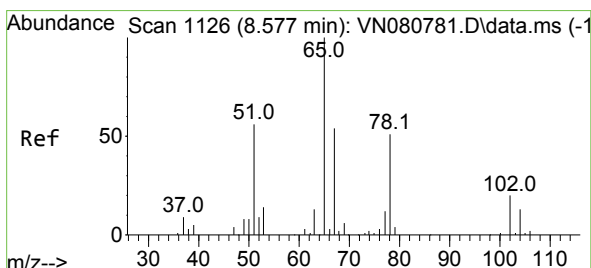
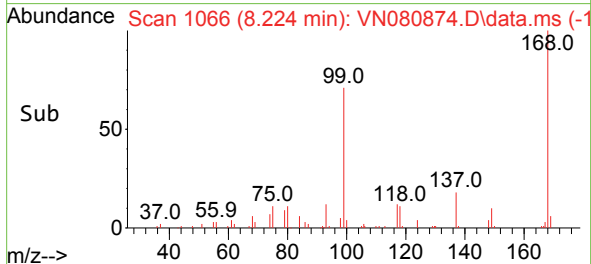
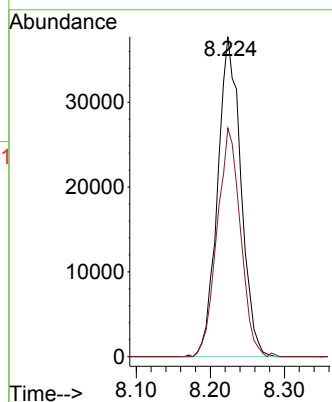
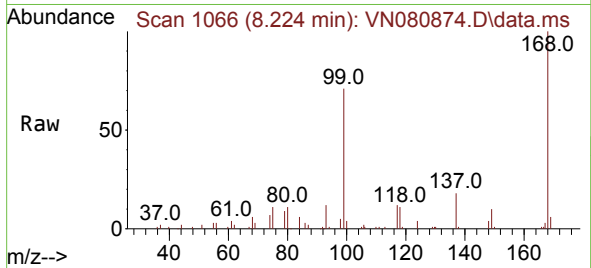




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080874.D
Acq: 02 Feb 2024 15:18

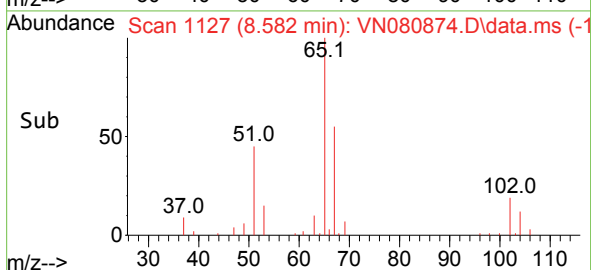
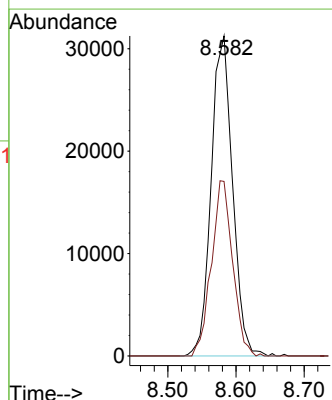
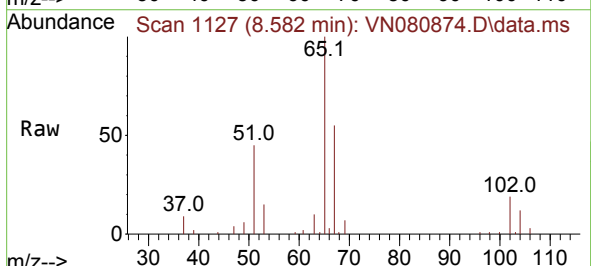
Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

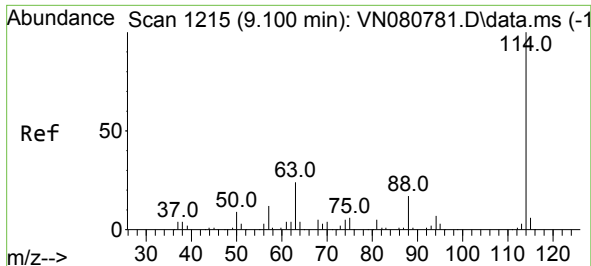
Tgt Ion:168 Resp: 82205
Ion Ratio Lower Upper
168 100
99 71.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 48.004 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080874.D
Acq: 02 Feb 2024 15:18

Tgt Ion: 65 Resp: 68268
Ion Ratio Lower Upper
65 100
67 54.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080874.D

Acq: 02 Feb 2024 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0202WBL01

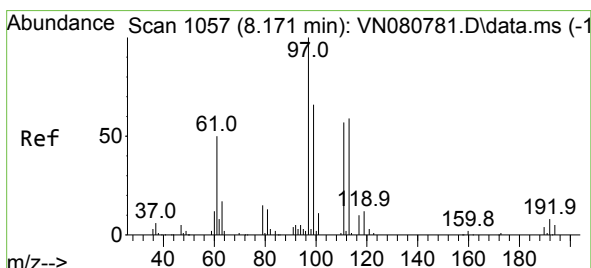
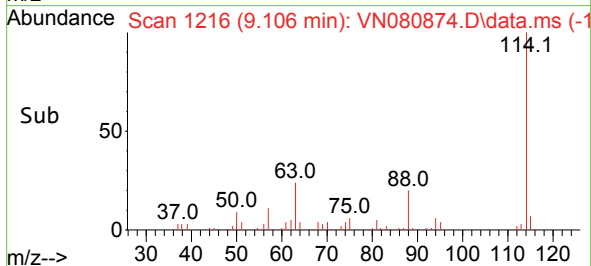
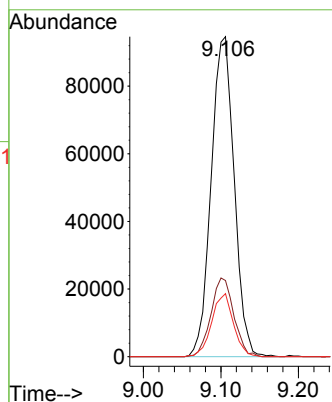
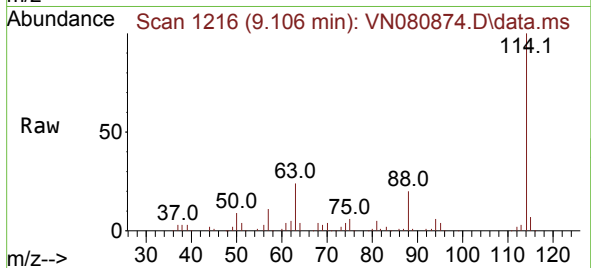
Tgt Ion:114 Resp: 195060

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.0

88 19.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 45.574 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN080874.D

Acq: 02 Feb 2024 15:18

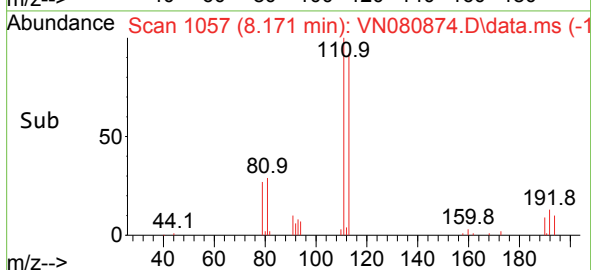
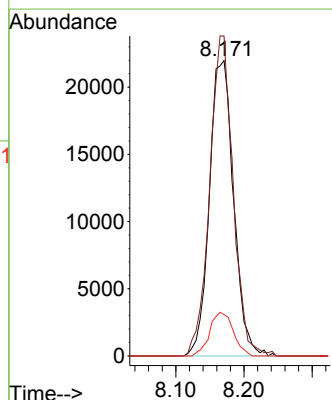
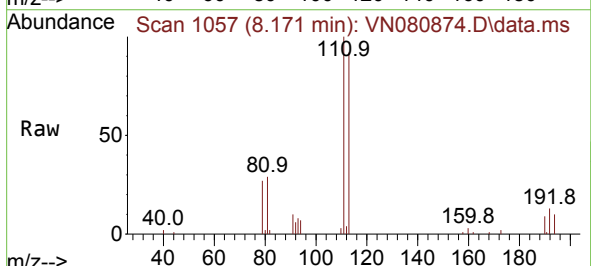
Tgt Ion:113 Resp: 54387

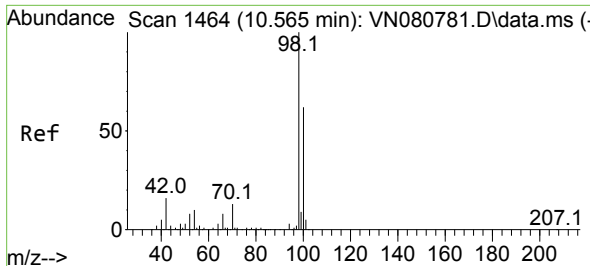
Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 14.4 12.5 18.7

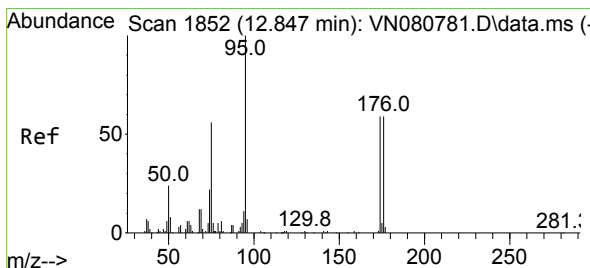
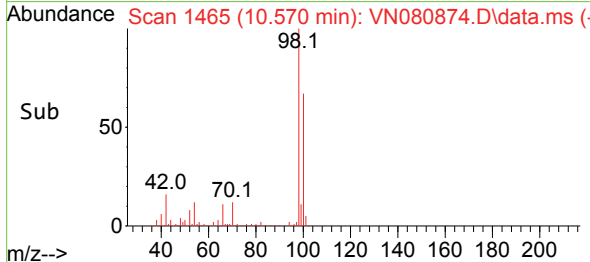
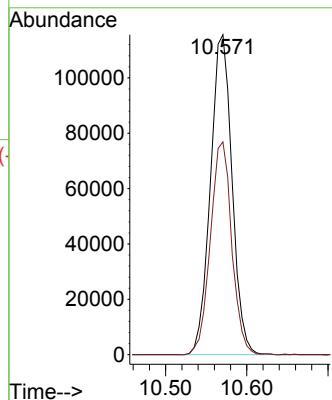
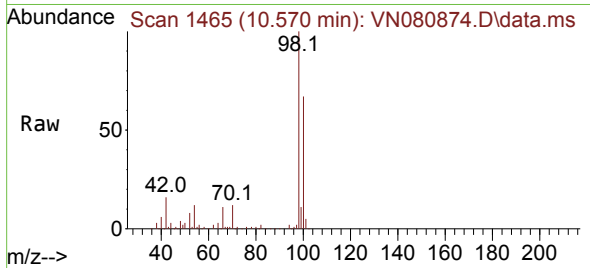




#50
Toluene-d8
Concen: 45.746 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080874.D
Acq: 02 Feb 2024 15:18

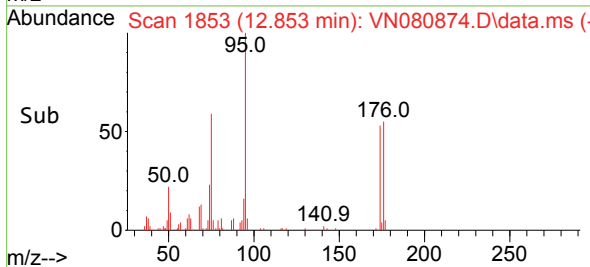
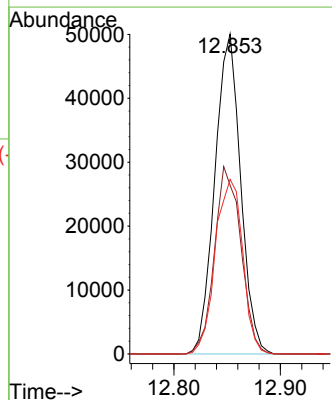
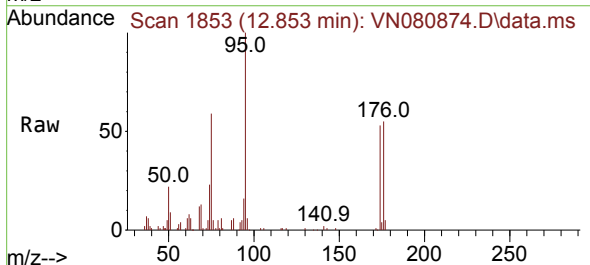
Instrument :
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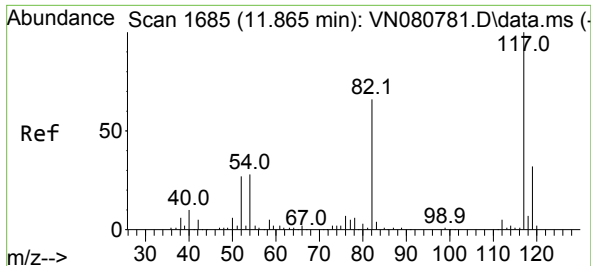
Tgt Ion: 98 Resp: 213670
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.607 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080874.D
Acq: 02 Feb 2024 15:18

Tgt Ion: 95 Resp: 83999
Ion Ratio Lower Upper
95 100
174 60.2 0.0 120.4
176 57.9 0.0 121.0

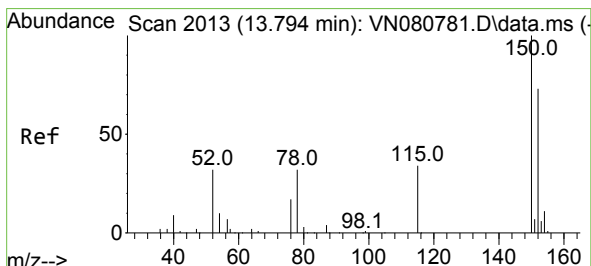
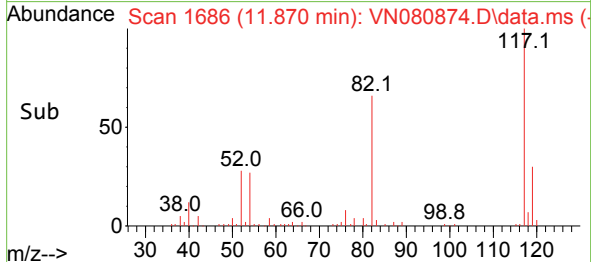
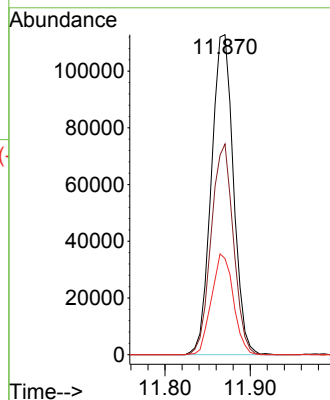
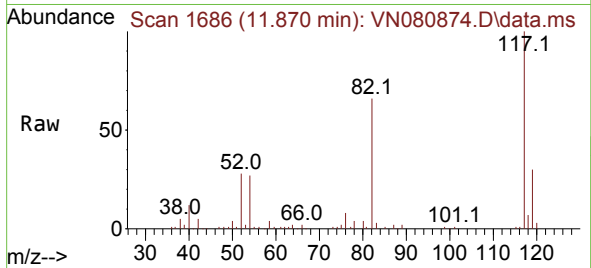




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080874.D
Acq: 02 Feb 2024 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0202WBL01

Tgt Ion:117 Resp: 203421
Ion Ratio Lower Upper
117 100
82 65.9 52.7 79.1
119 30.1 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: VN080874.D
Acq: 02 Feb 2024 15:18

Tgt Ion:152 Resp: 80859
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 153.8 0.0 339.8

