

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080873.D
 Acq On : 02 Feb 2024 14:54
 Operator : JC\MD
 Sample : VN0202MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBL01

Quant Time: Feb 02 23:50:02 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	78935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	203791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	212649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	70760	51.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.640%
35) Dibromofluoromethane	8.171	113	53887	43.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.440%
50) Toluene-d8	10.565	98	227341	46.587	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.847	95	95841	56.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.720%

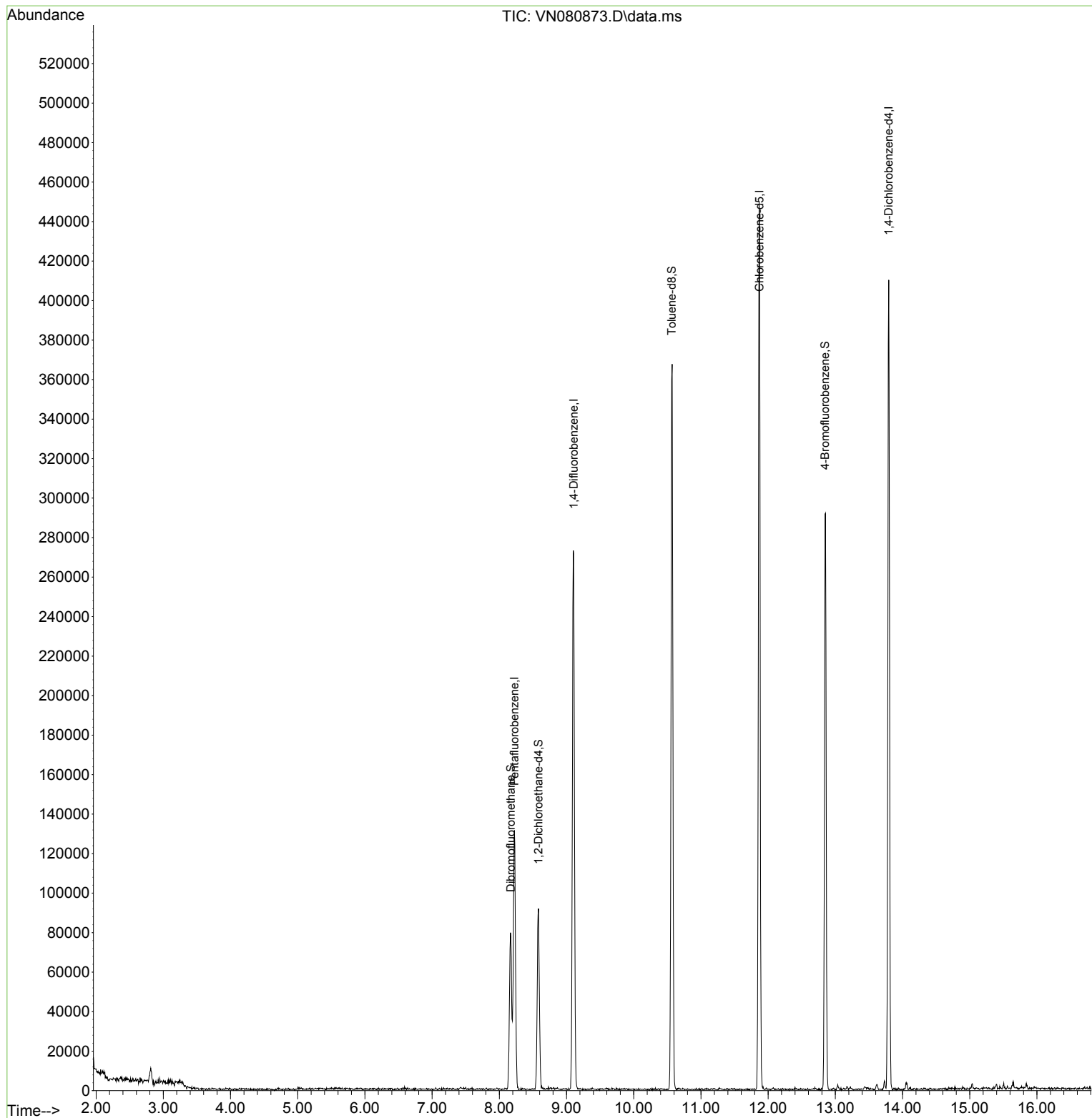
Target Compounds	Qvalue

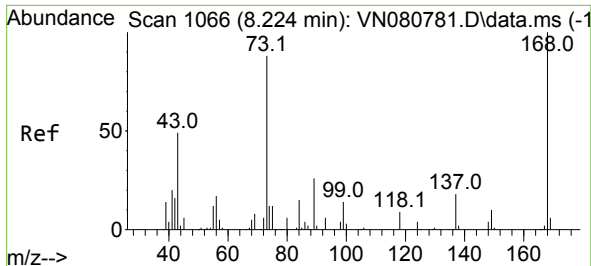
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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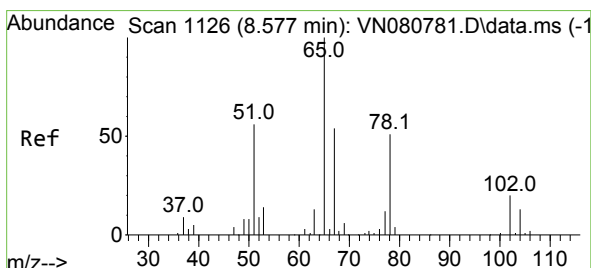
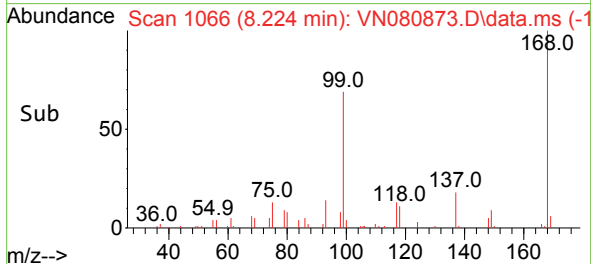
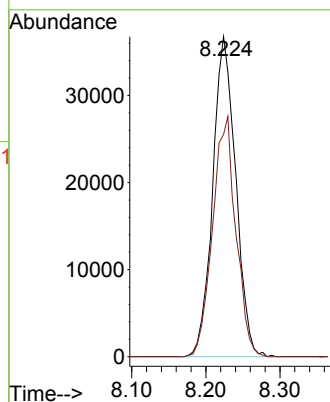
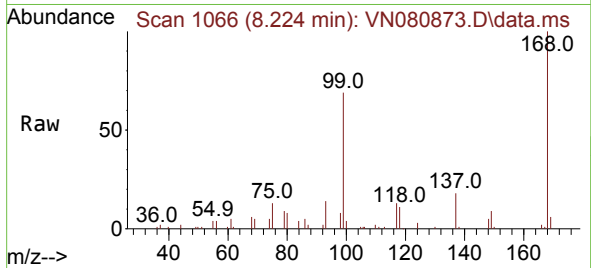




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080873.D
Acq: 02 Feb 2024 14:54

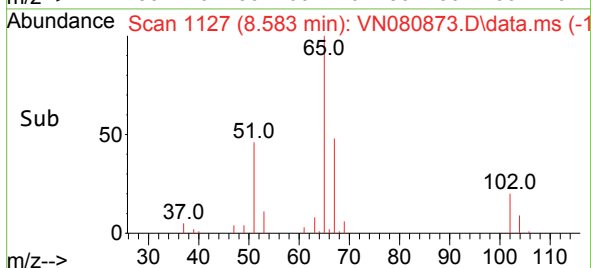
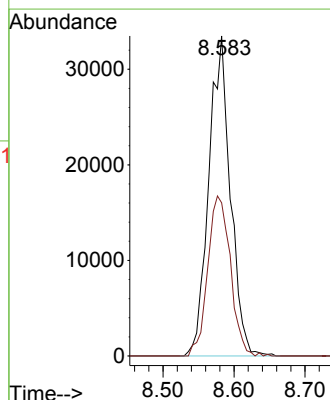
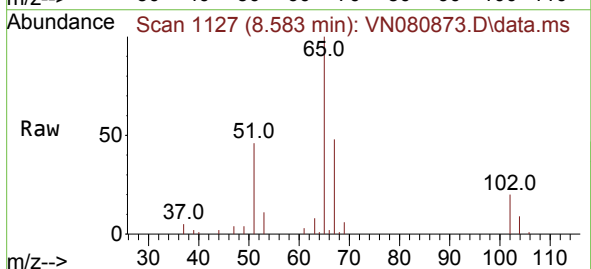
Instrument :
MSVOA_N
ClientSampleId :
VN0202MBL01

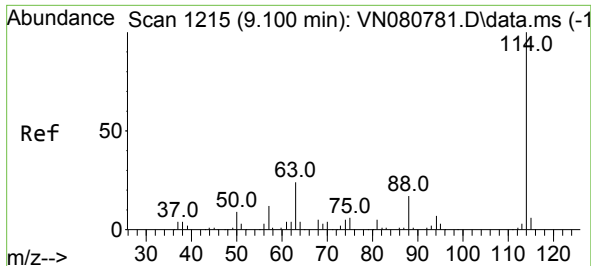
Tgt Ion:168 Resp: 78935
Ion Ratio Lower Upper
168 100
99 69.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.818 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080873.D
Acq: 02 Feb 2024 14:54

Tgt Ion: 65 Resp: 70760
Ion Ratio Lower Upper
65 100
67 52.2 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: VN080873.D

Acq: 02 Feb 2024 14:54

Instrument :

MSVOA_N

ClientSampleId :

VN0202MBL01

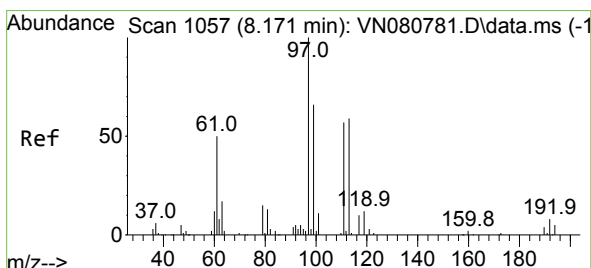
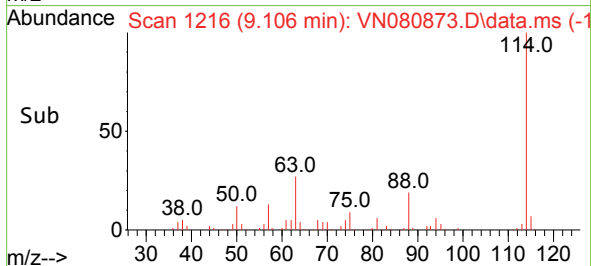
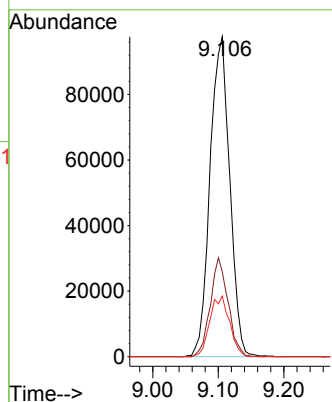
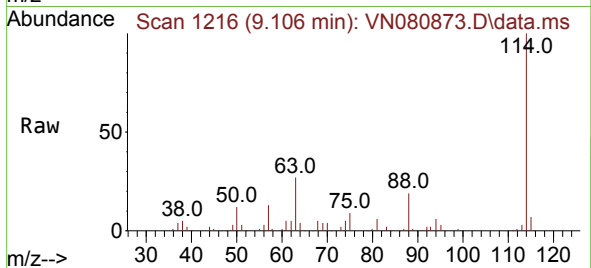
Tgt Ion:114 Resp: 203791

Ion Ratio Lower Upper

114 100

63 26.6 0.0 48.0

88 19.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 43.220 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080873.D

Acq: 02 Feb 2024 14:54

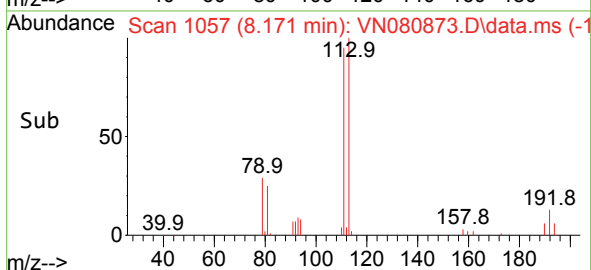
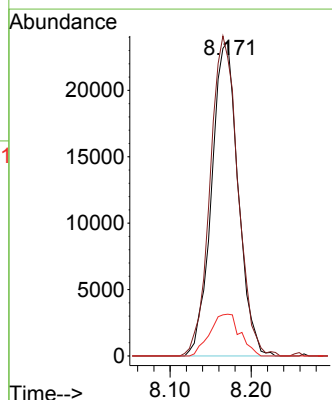
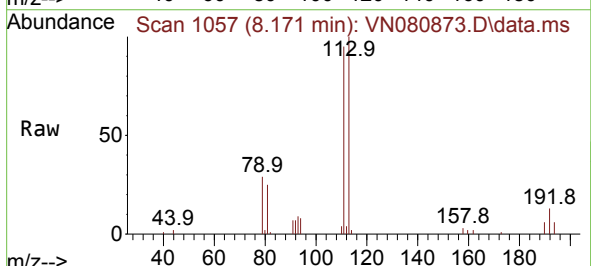
Tgt Ion:113 Resp: 53887

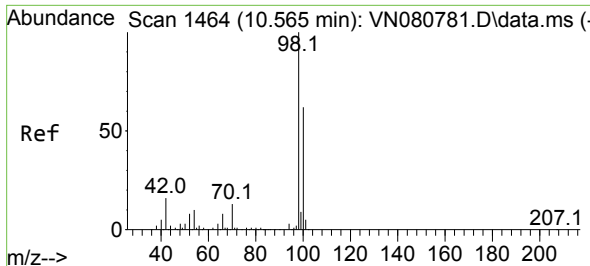
Ion Ratio Lower Upper

113 100

111 106.0 82.2 123.4

192 15.2 12.5 18.7

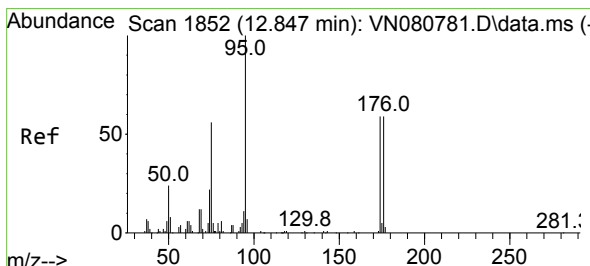
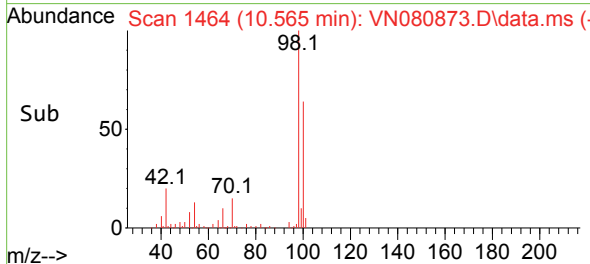
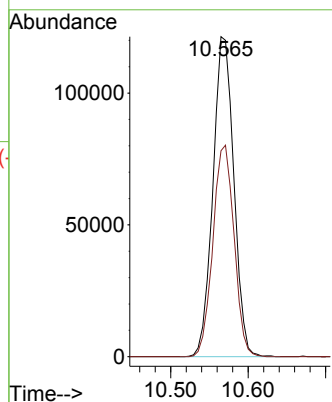
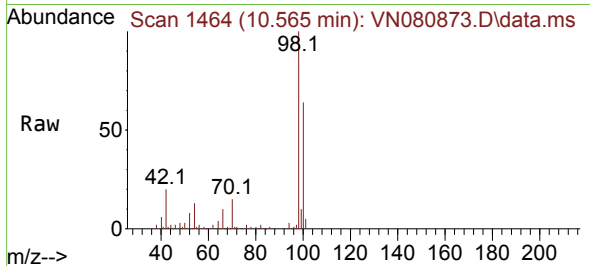




#50
Toluene-d8
Concen: 46.587 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080873.D
Acq: 02 Feb 2024 14:54

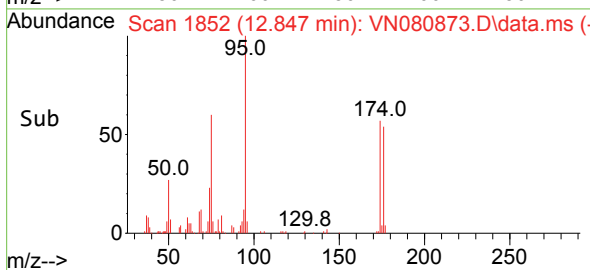
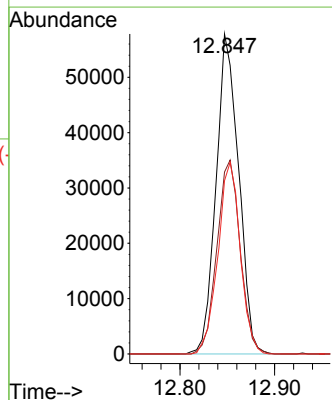
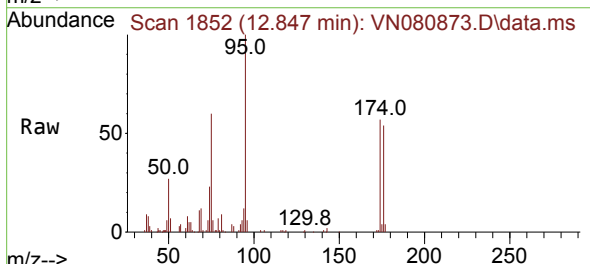
Instrument :
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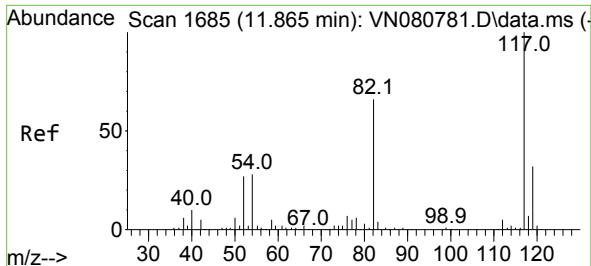
Tgt Ion: 98 Resp: 227341
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 56.360 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080873.D
Acq: 02 Feb 2024 14:54

Tgt Ion: 95 Resp: 95841
Ion Ratio Lower Upper
95 100
174 62.3 0.0 120.4
176 59.2 0.0 121.0

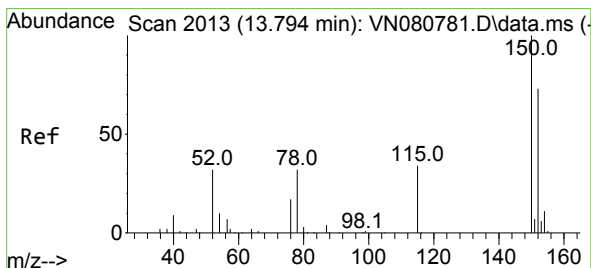
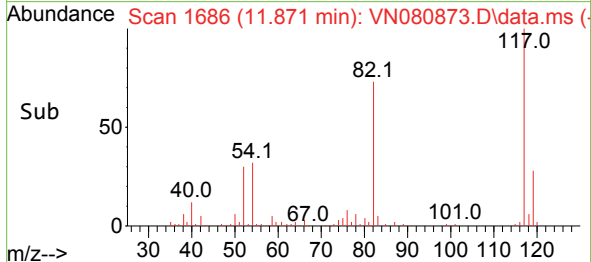
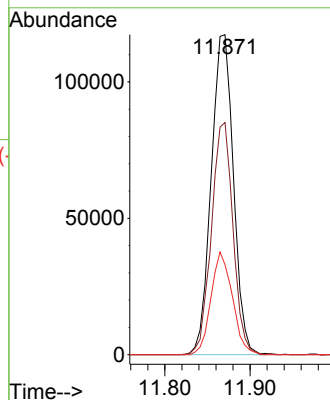
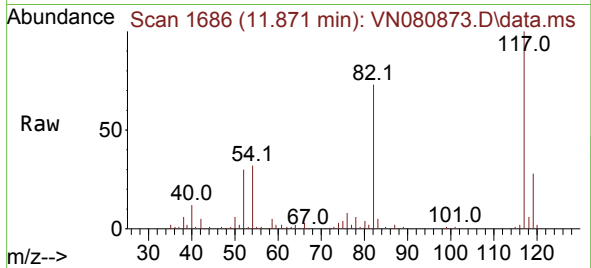




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080873.D
Acq: 02 Feb 2024 14:54

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBL01

Tgt Ion:117 Resp: 212649
Ion Ratio Lower Upper
117 100
82 72.6 52.7 79.1
119 28.1 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: VN080873.D
Acq: 02 Feb 2024 14:54

Tgt Ion:152 Resp: 88002
Ion Ratio Lower Upper
152 100
115 70.4 32.3 96.8
150 160.5 0.0 339.8

