

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081536.D
 Acq On : 22 Mar 2024 10:05
 Operator : JC\MD
 Sample : VN0322MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBL01

Quant Time: Mar 23 00:09:44 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	417805	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	713764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	624180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	261990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	256799	48.197	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.400%
35) Dibromofluoromethane	8.165	113	220699	48.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.565	98	838396	51.487	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.847	95	262529	45.755	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.520%

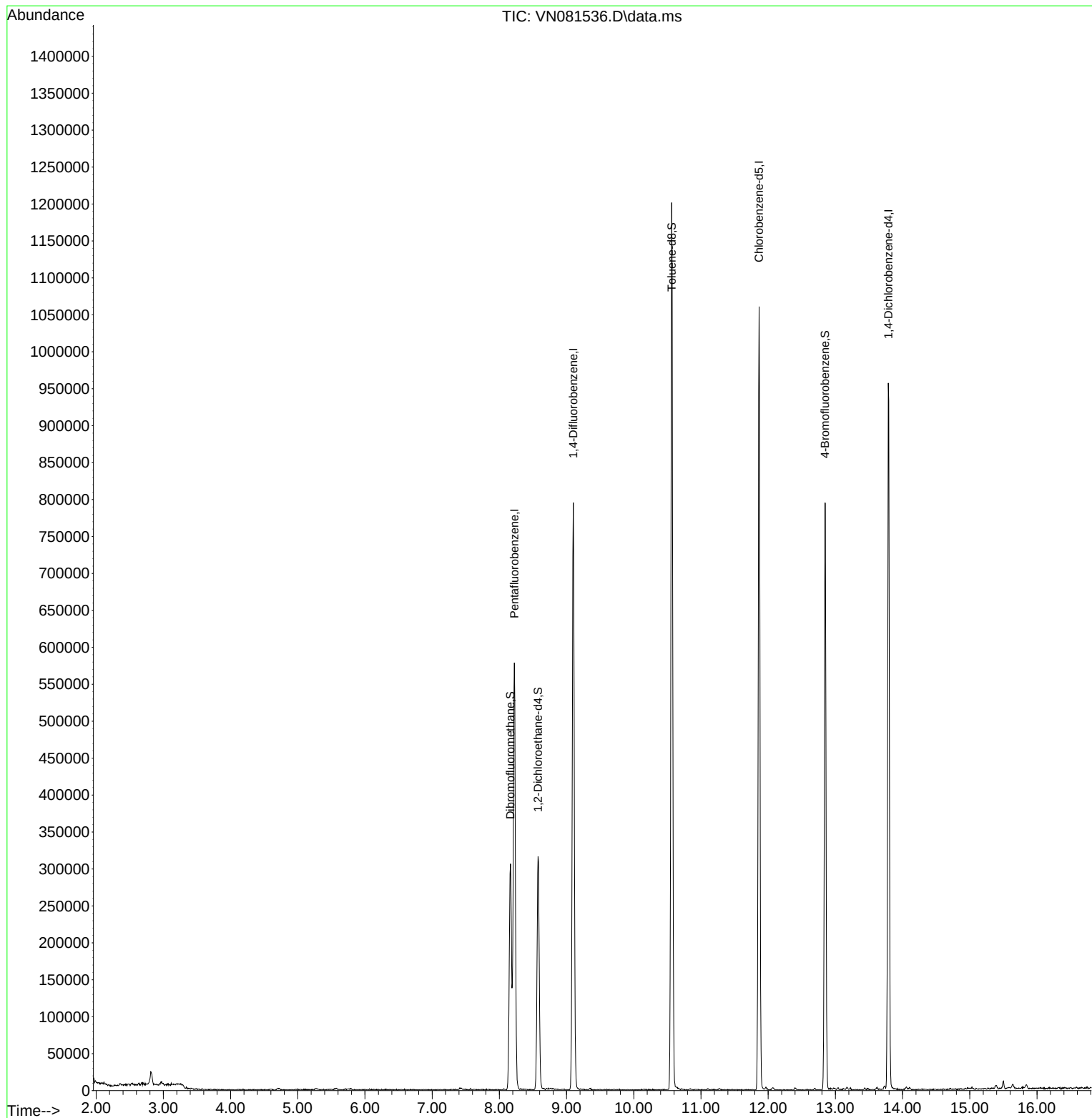
Target Compounds	Qvalue

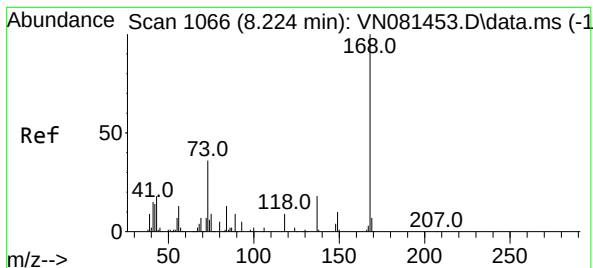
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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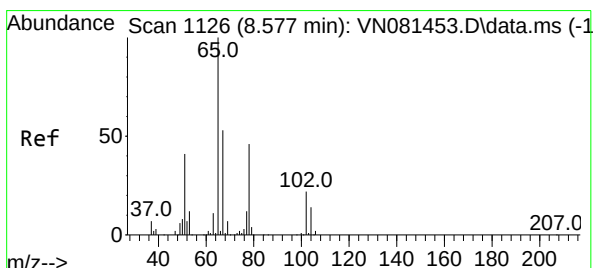
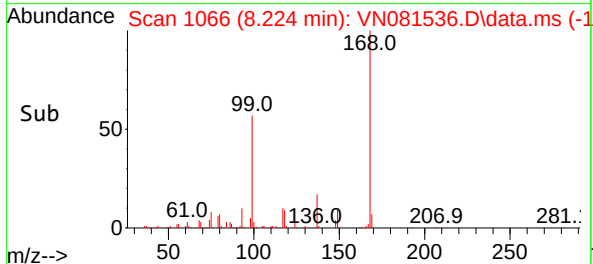
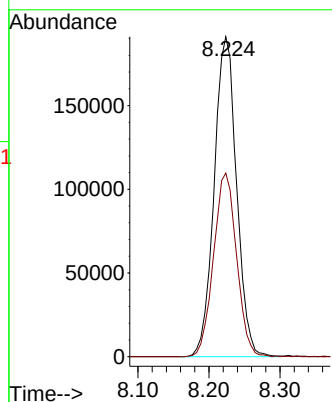
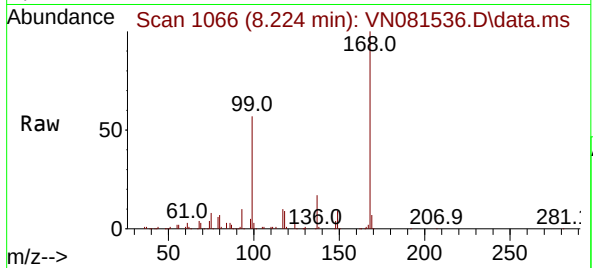




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081536.D
Acq: 22 Mar 2024 10:05

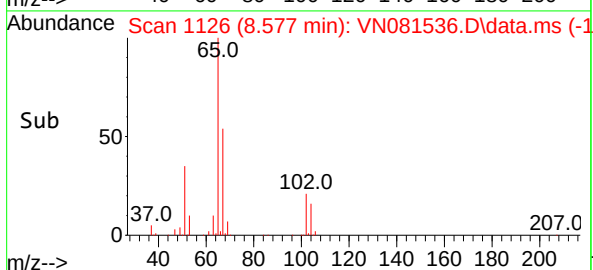
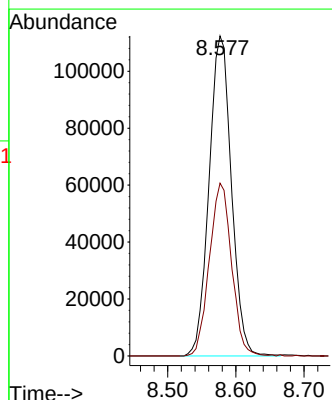
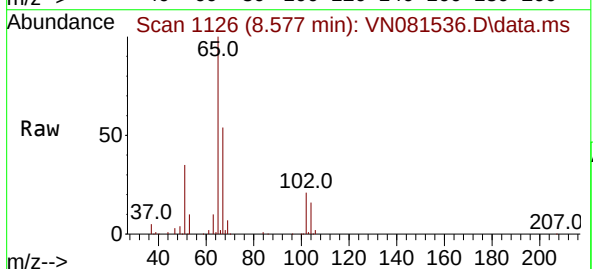
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBL01

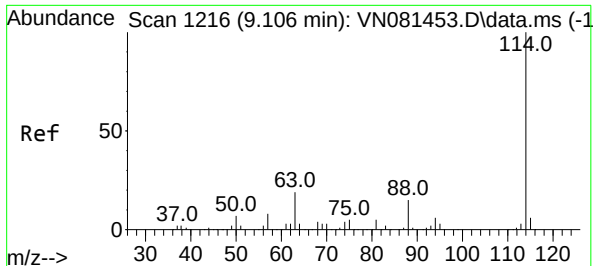
Tgt Ion:168 Resp: 417805
Ion Ratio Lower Upper
168 100
99 57.4 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 48.197 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081536.D
Acq: 22 Mar 2024 10:05

Tgt Ion: 65 Resp: 256799
Ion Ratio Lower Upper
65 100
67 53.6 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: VN081536.D

Acq: 22 Mar 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBL01

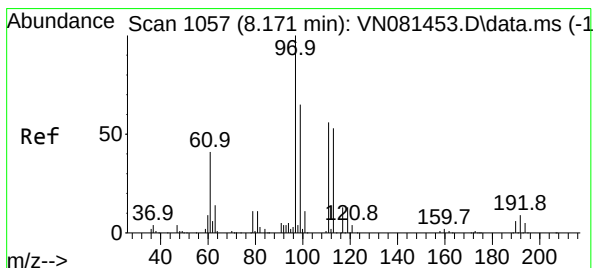
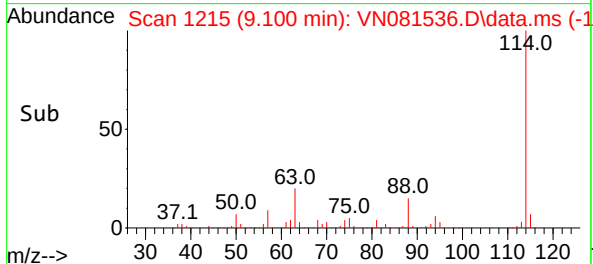
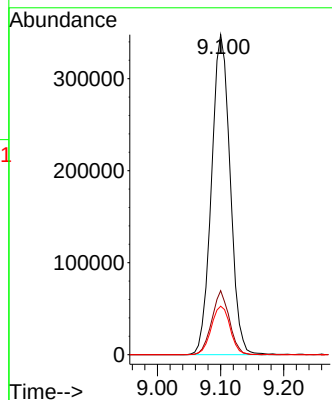
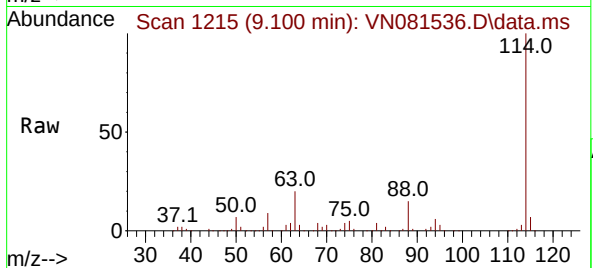
Tgt Ion:114 Resp: 713764

Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.994 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081536.D

Acq: 22 Mar 2024 10:05

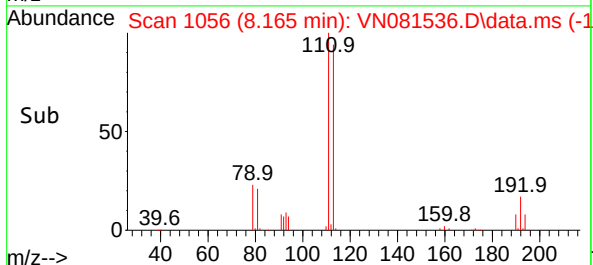
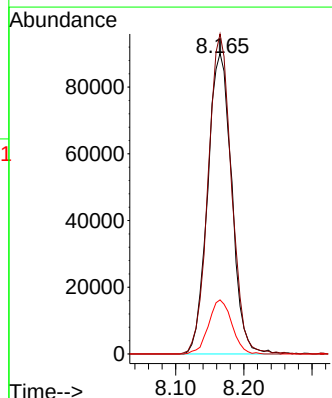
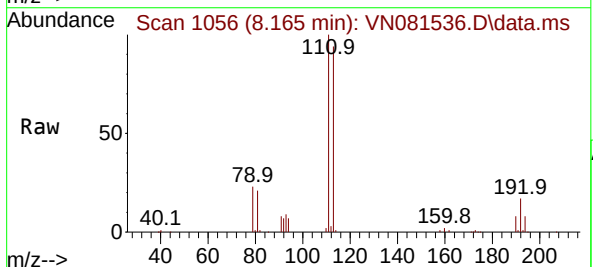
Tgt Ion:113 Resp: 220699

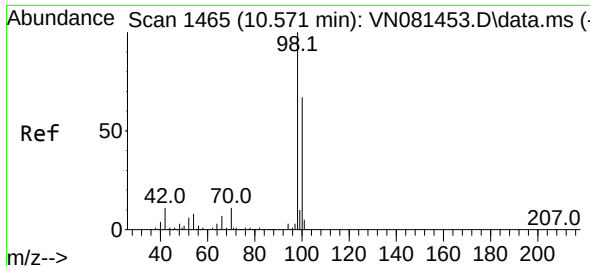
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 17.4 12.5 18.7

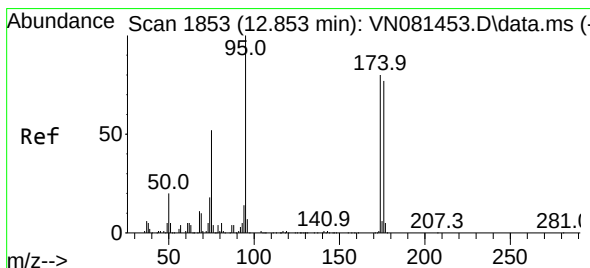
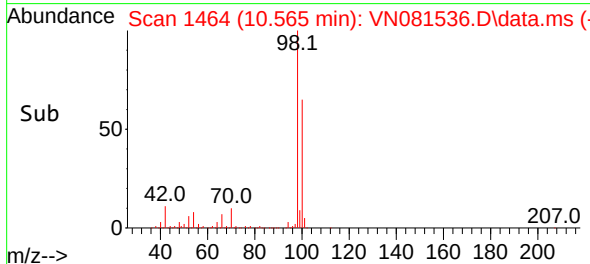
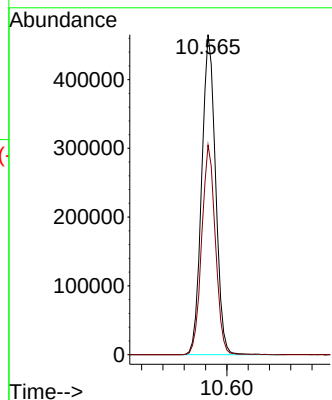
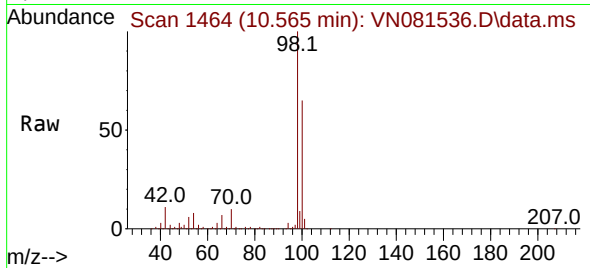




#50
Toluene-d8
Concen: 51.487 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081536.D
Acq: 22 Mar 2024 10:05

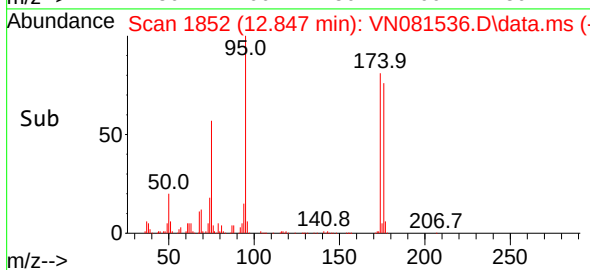
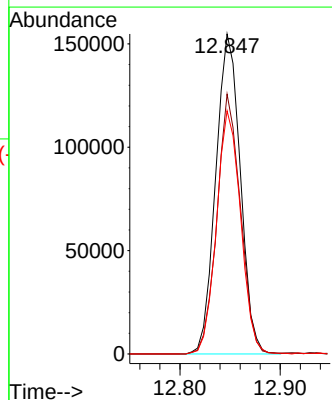
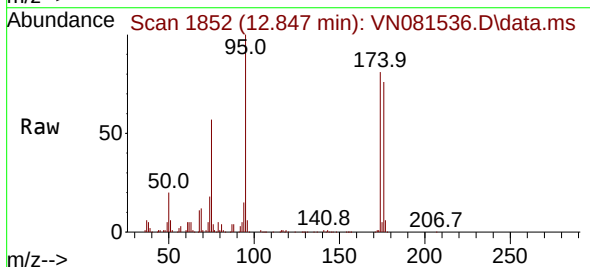
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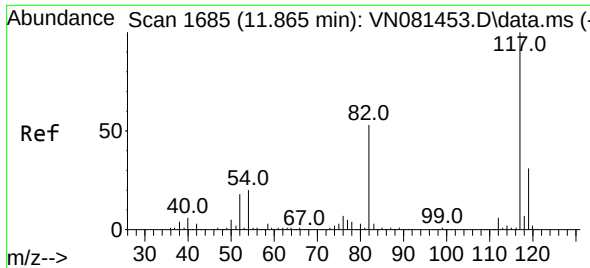
Tgt Ion: 98 Resp: 838396
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.755 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081536.D
Acq: 22 Mar 2024 10:05

Tgt Ion: 95 Resp: 262529
Ion Ratio Lower Upper
95 100
174 77.8 0.0 120.4
176 74.8 0.0 121.0

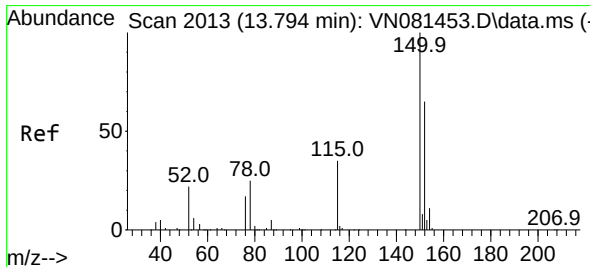
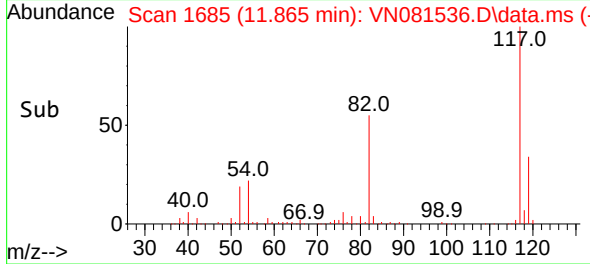
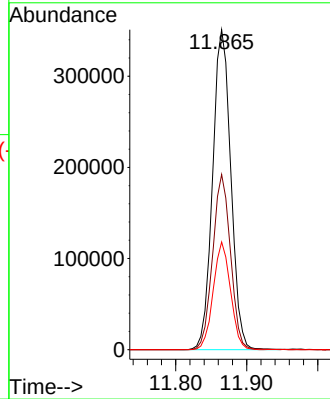
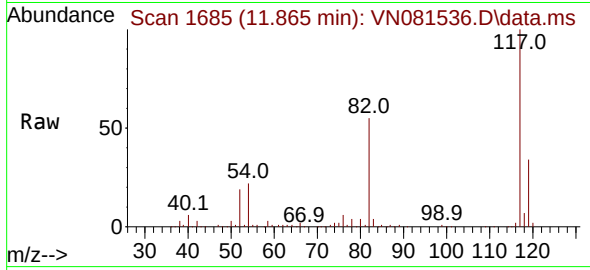




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081536.D
Acq: 22 Mar 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VN0322MBL01

Tgt Ion:117 Resp: 624180
Ion Ratio Lower Upper
117 100
82 54.7 52.7 79.1
119 33.7 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: VN081536.D
Acq: 22 Mar 2024 10:05

Tgt Ion:152 Resp: 261990
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 156.2 0.0 339.8

