

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080544.D
 Acq On : 20 Dec 2023 14:09
 Operator : JC\MD
 Sample : 05932-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1-121923

Quant Time: Dec 21 02:41:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	233996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	442530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	448925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172766	57.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.620%
35) Dibromofluoromethane	8.165	113	146449	52.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.380%
50) Toluene-d8	10.570	98	496208	47.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.847	95	203983	51.335	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.680%

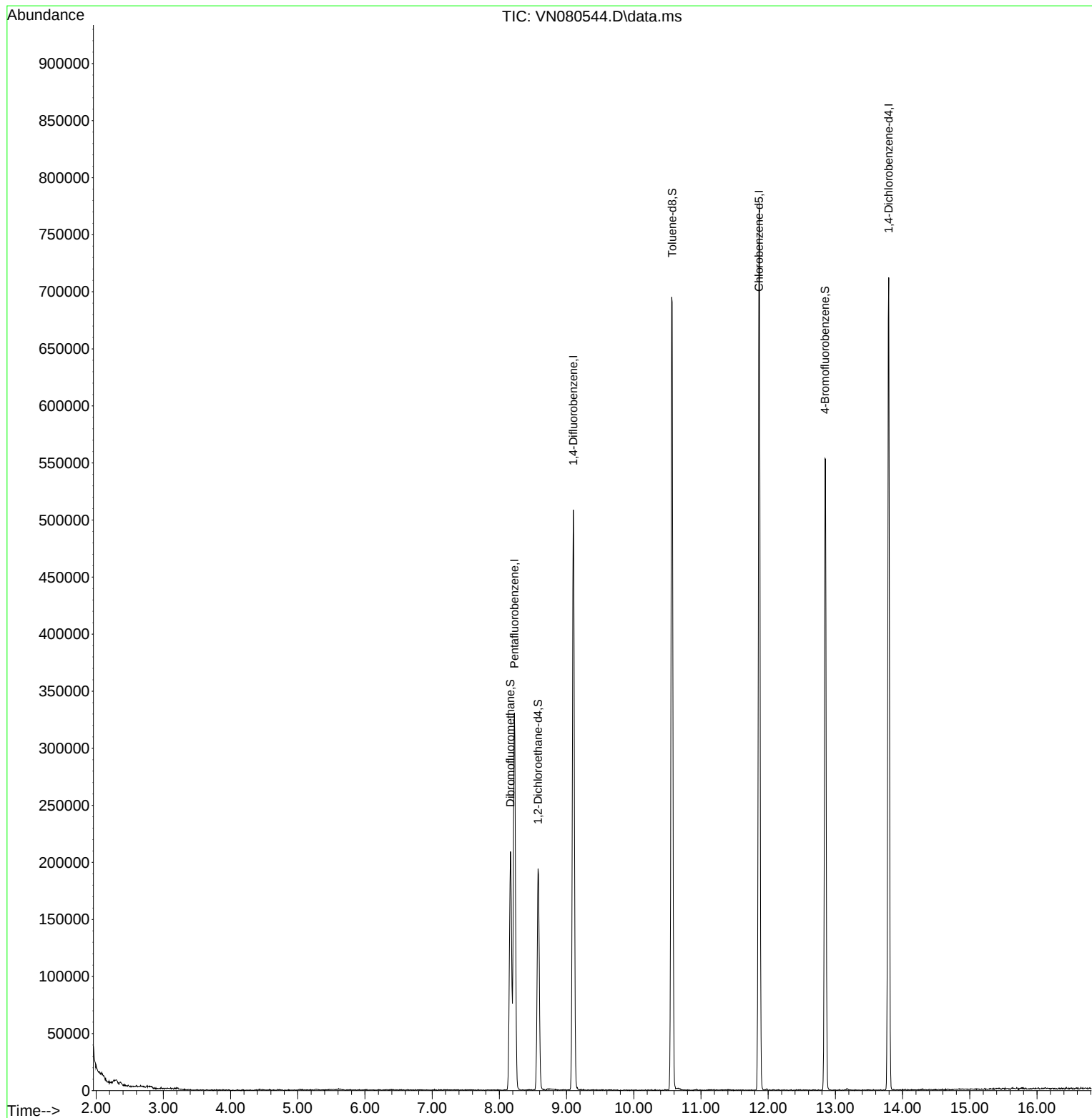
Target Compounds	Qvalue

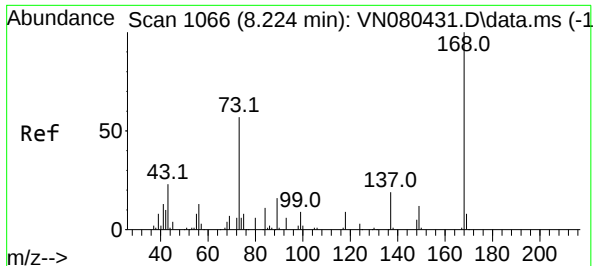
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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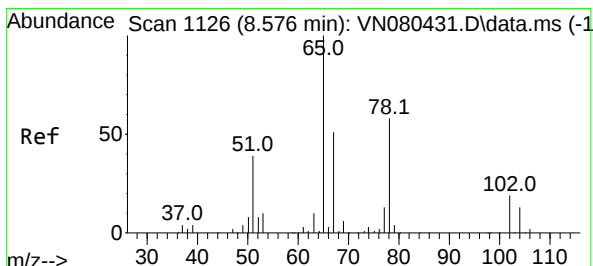
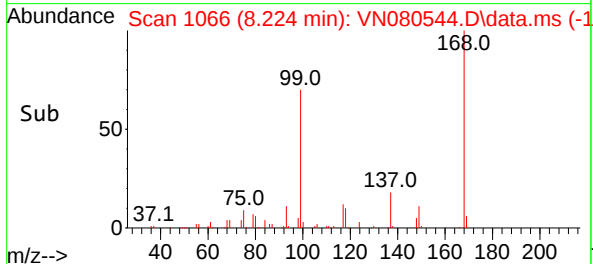
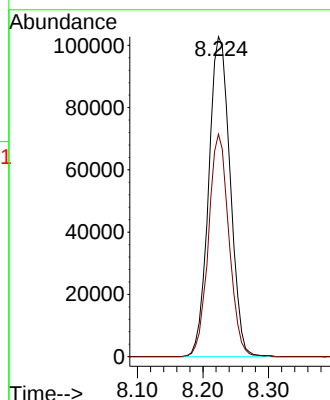
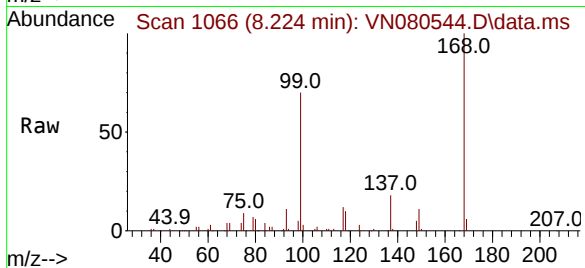




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

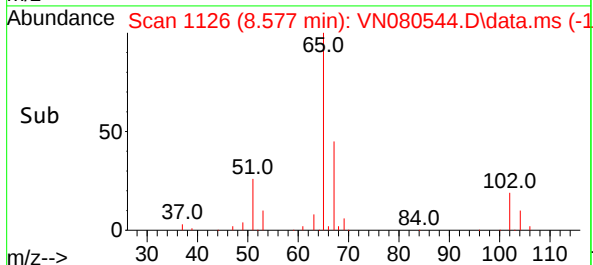
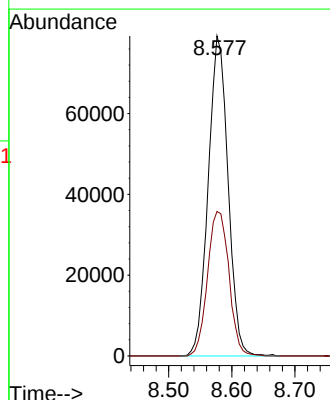
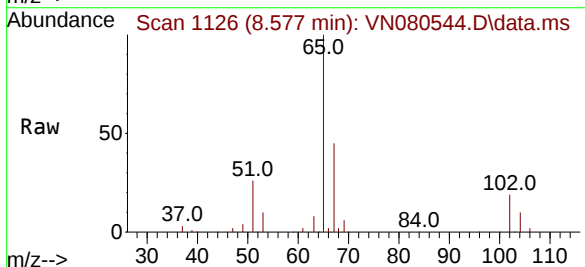
Instrument :
MSVOA_N
ClientSampleId :
MW-1-121923

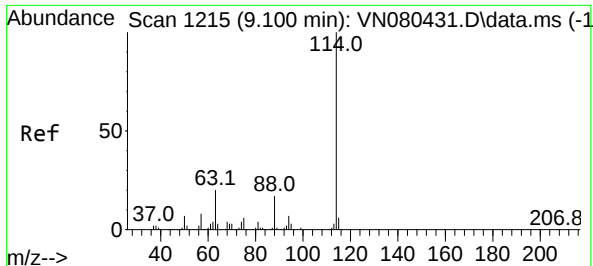
Tgt Ion:168 Resp: 233996
Ion Ratio Lower Upper
168 100
99 69.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.807 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Tgt Ion: 65 Resp: 172766
Ion Ratio Lower Upper
65 100
67 48.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080544.D

Acq: 20 Dec 2023 14:09

Instrument :

MSVOA_N

ClientSampleId :

MW-1-121923

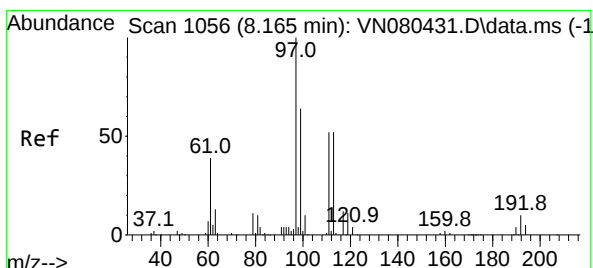
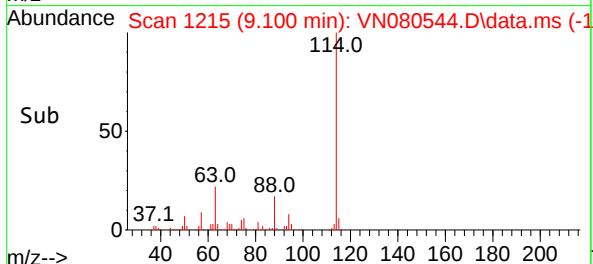
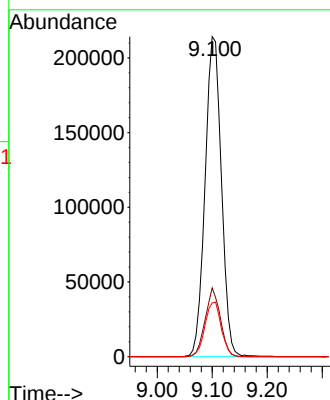
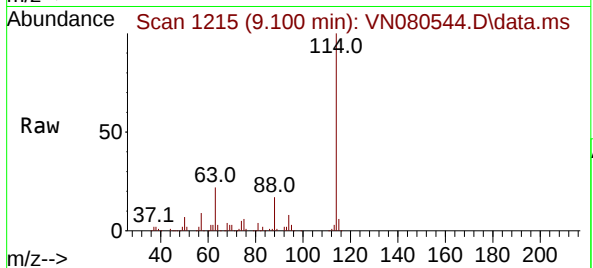
Tgt Ion:114 Resp: 442530

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.195 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080544.D

Acq: 20 Dec 2023 14:09

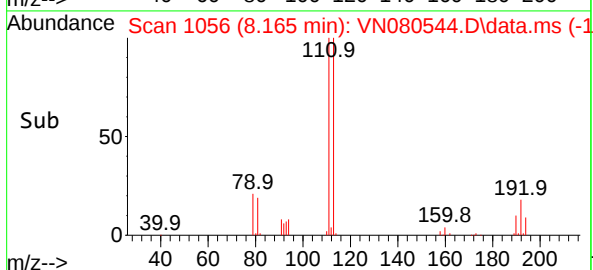
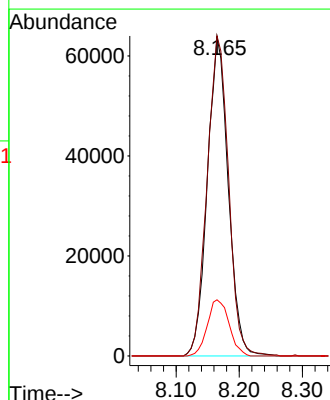
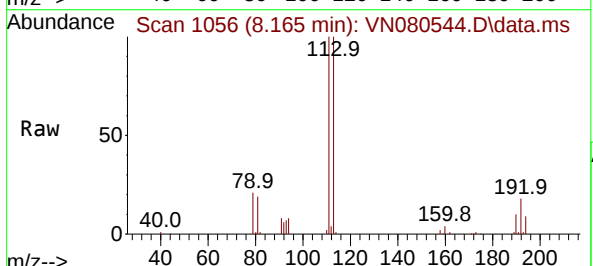
Tgt Ion:113 Resp: 146449

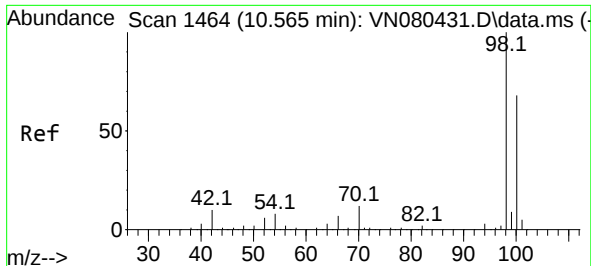
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 18.4 12.7 19.1

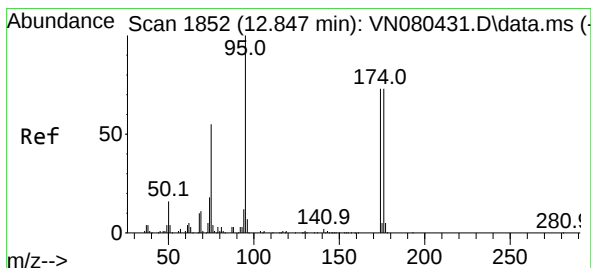
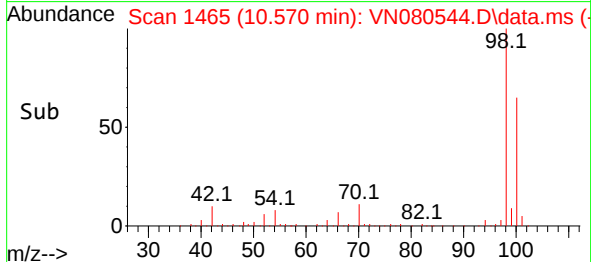
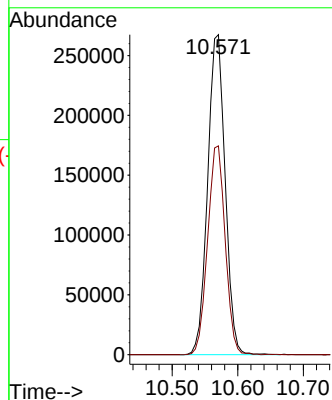
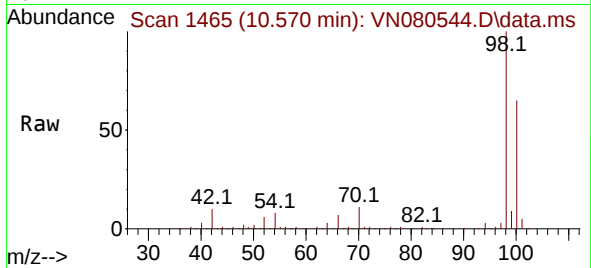




#50
Toluene-d8
Concen: 47.419 ug/l
RT: 10.570 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

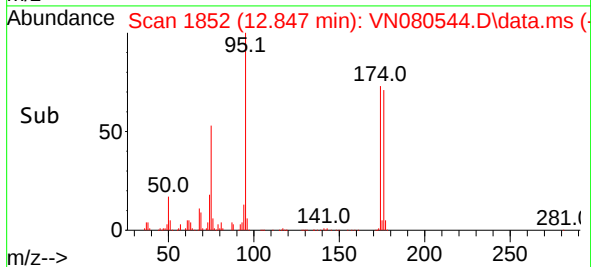
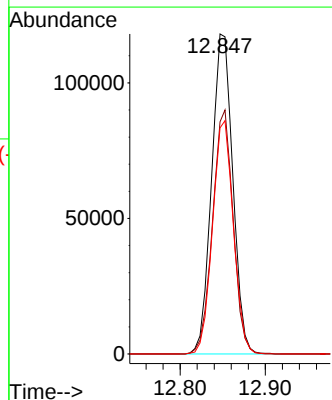
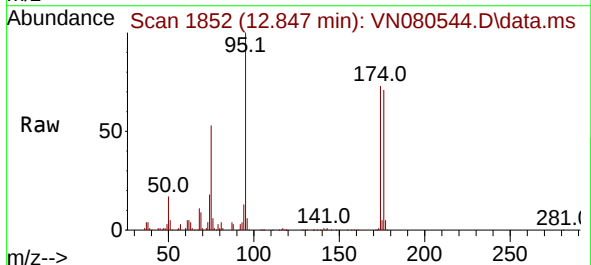
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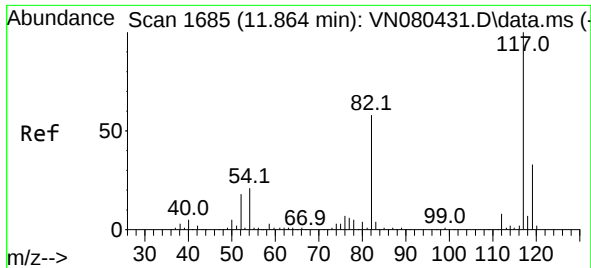
Tgt Ion: 98 Resp: 496208
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.335 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Tgt Ion: 95 Resp: 203983
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.6 0.0 135.8

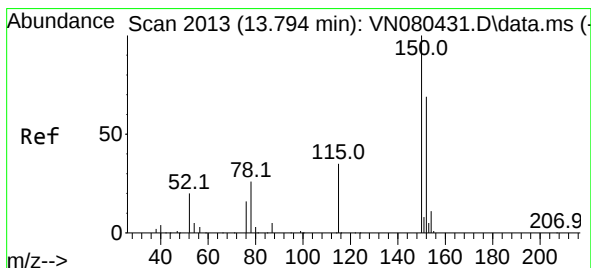
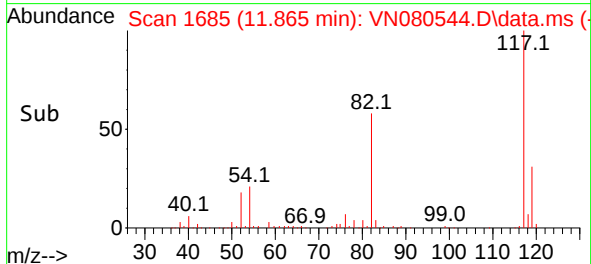
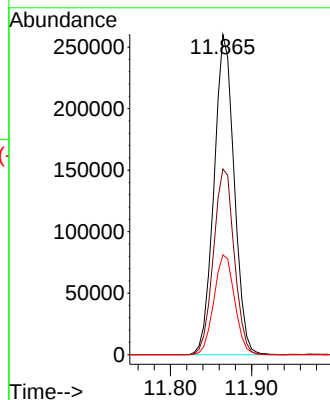
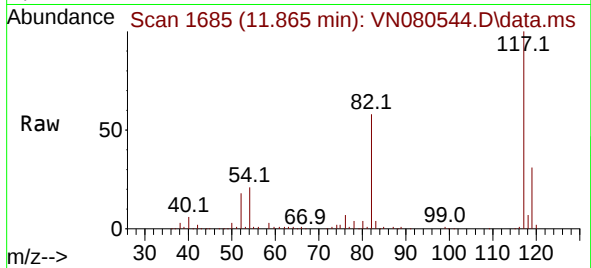




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Instrument :
MSVOA_N
ClientSampleId :
MW-1-121923

Tgt Ion:117 Resp: 448925
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080544.D
Acq: 20 Dec 2023 14:09

Tgt Ion:152 Resp: 194941
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 153.3 0.0 355.8

