

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078406.D
 Acq On : 26 Jun 2023 16:49
 Operator : JC\MD
 Sample : 03376-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-GW-062123

Quant Time: Jun 27 02:18:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	443419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	828258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	754234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	307689	52.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.080%
35) Dibromofluoromethane	8.171	113	296923	56.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.400%
50) Toluene-d8	10.576	98	954017	47.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.500%
62) 4-Bromofluorobenzene	12.859	95	310137	49.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%

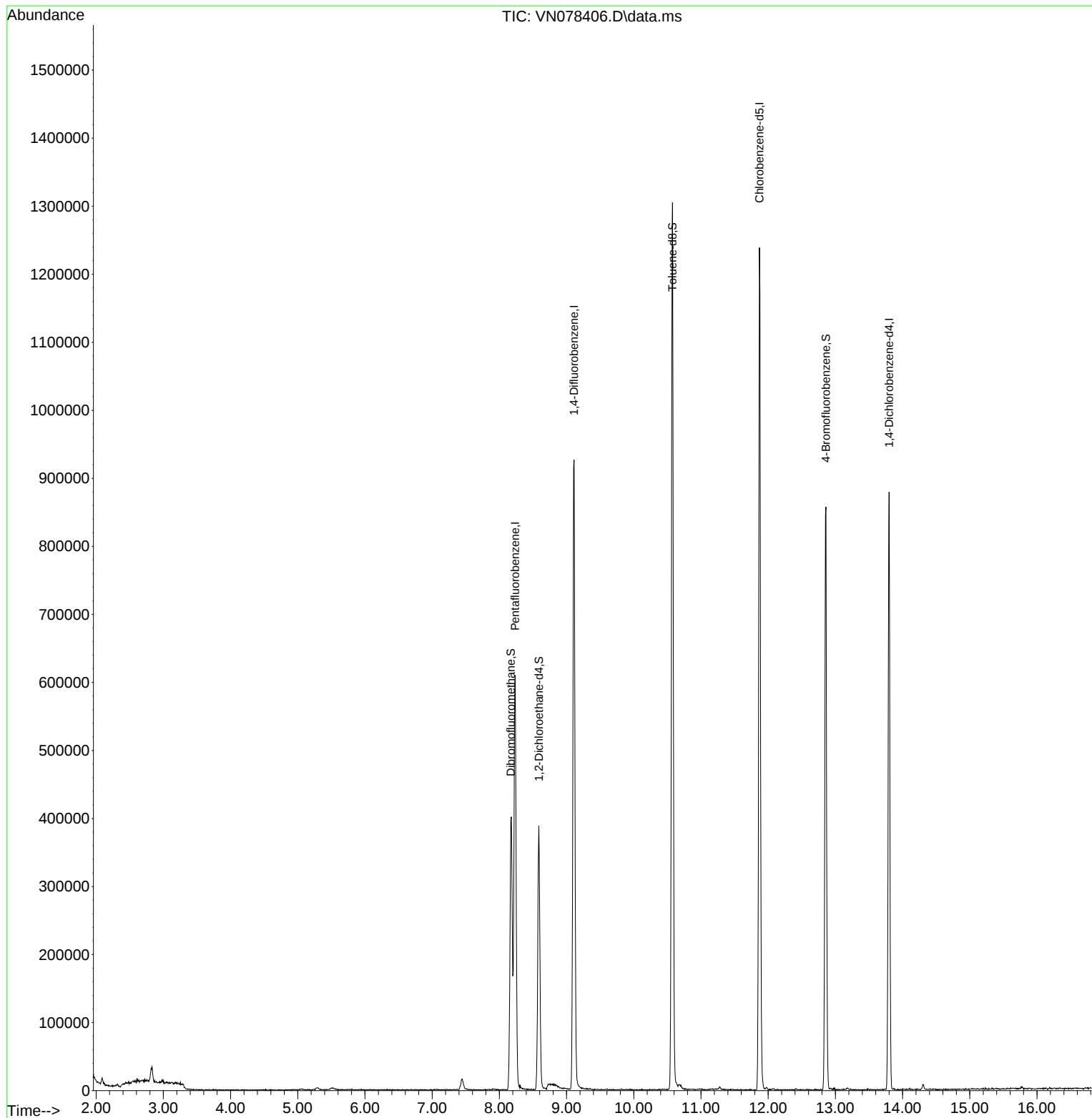
Target Compounds	Qvalue

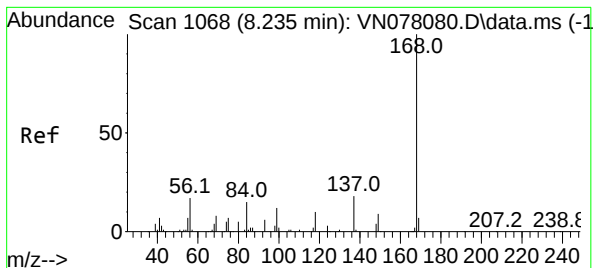
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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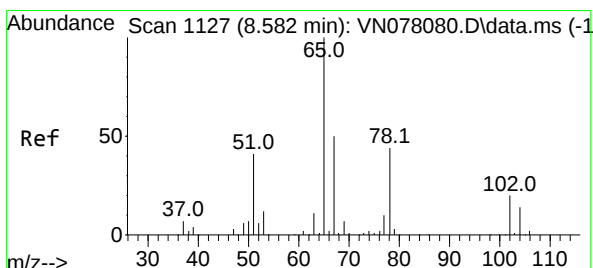
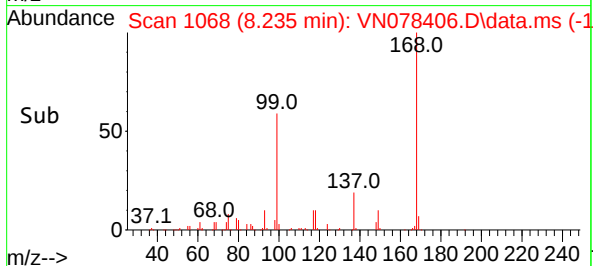
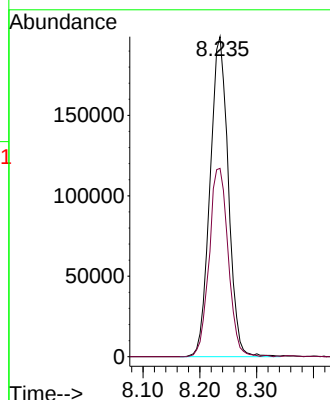
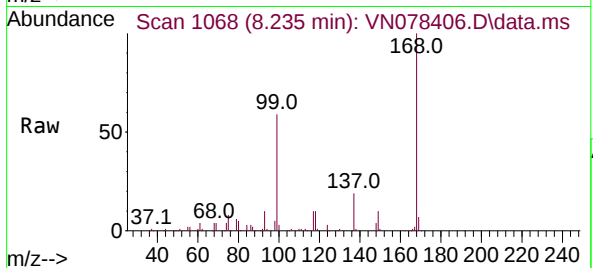




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

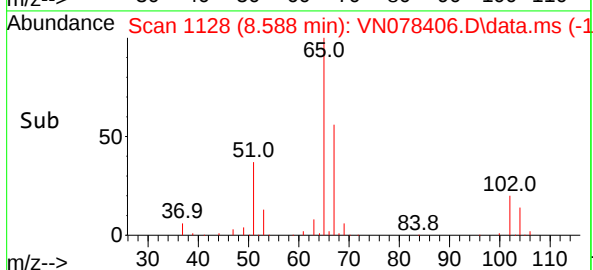
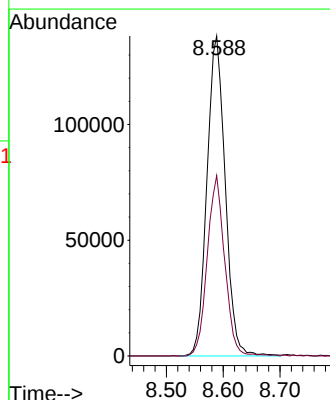
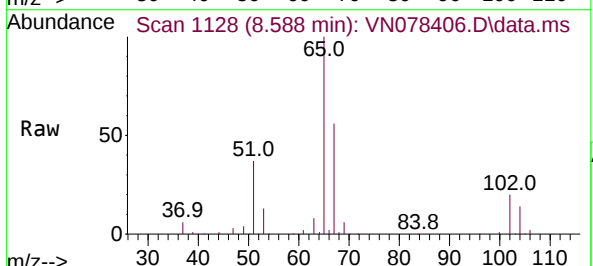
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

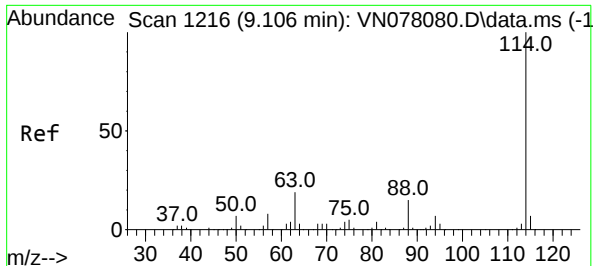
Tgt Ion:168 Resp: 443419
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.044 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion: 65 Resp: 307689
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.6

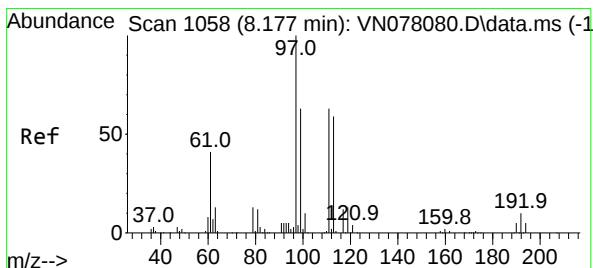
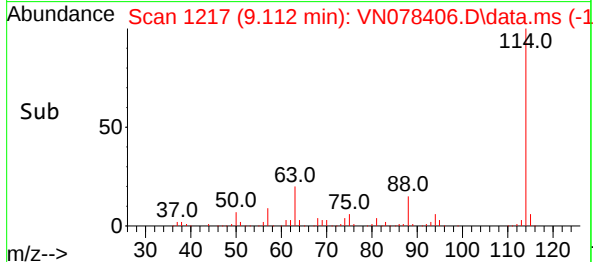
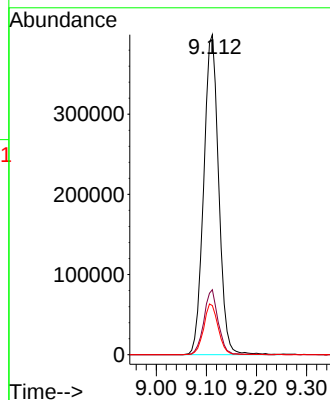
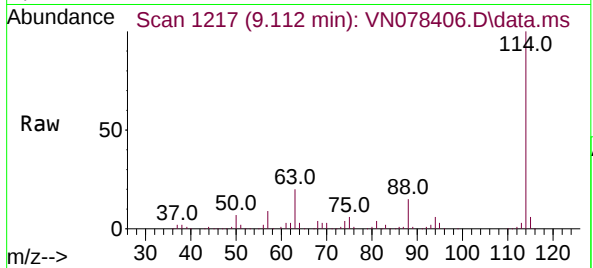




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

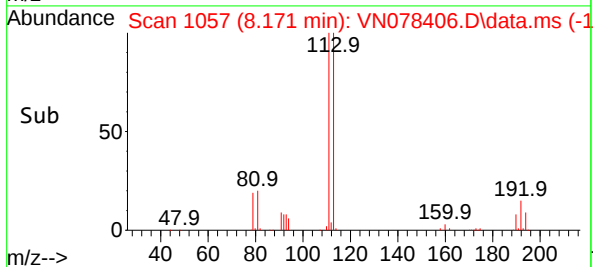
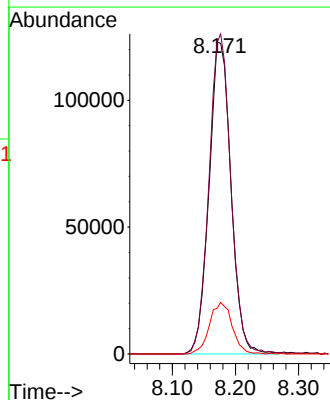
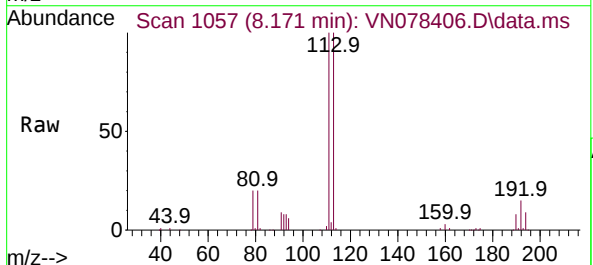
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

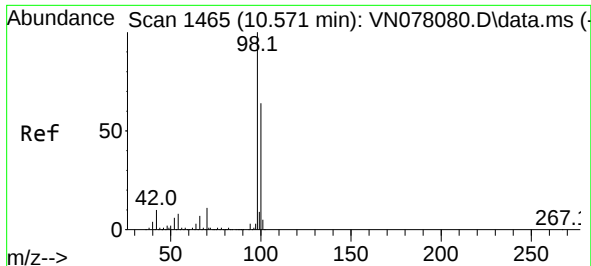
Tgt Ion:114 Resp: 828258
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.698 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion:113 Resp: 296923
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.1 12.7 19.1

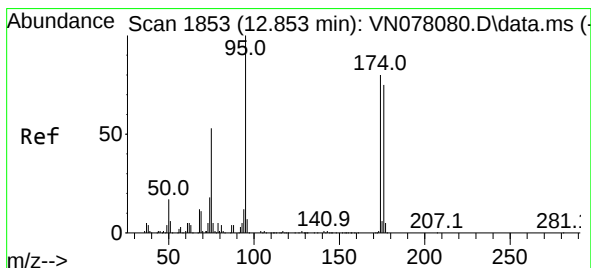
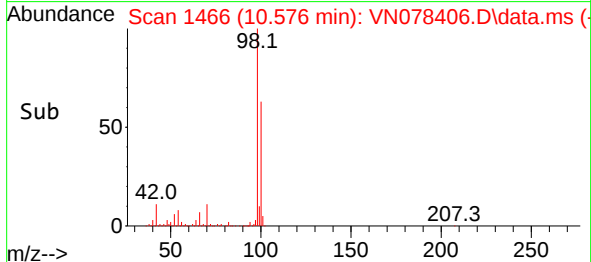
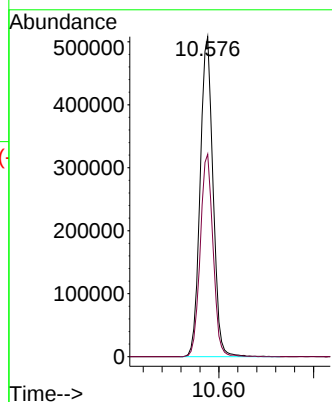
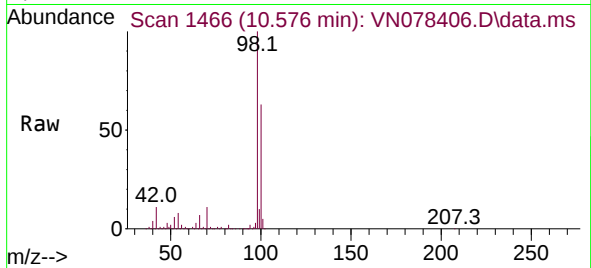




#50
Toluene-d8
Concen: 47.254 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

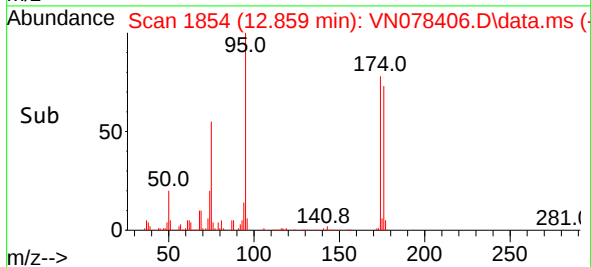
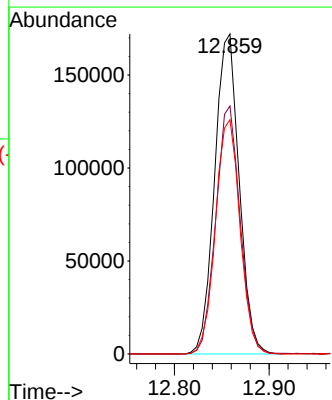
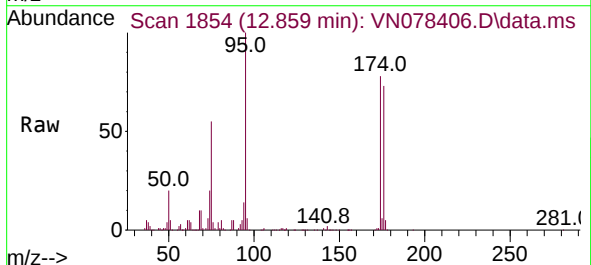
Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

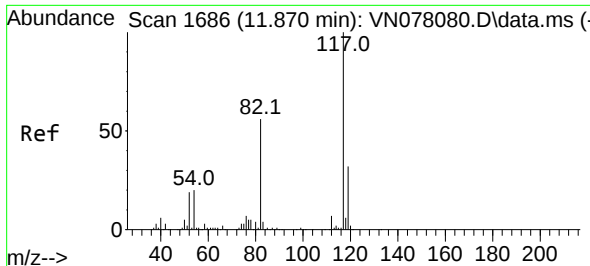
Tgt Ion: 98 Resp: 954017
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.414 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion: 95 Resp: 310137
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 73.2 0.0 135.8

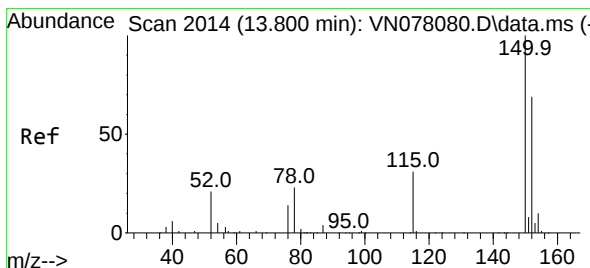
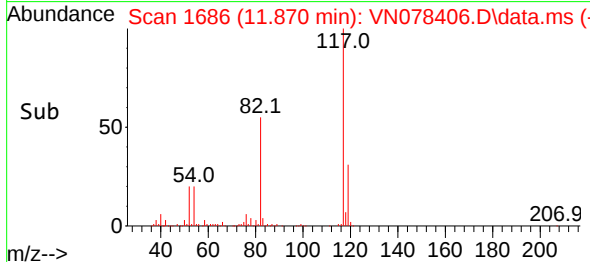
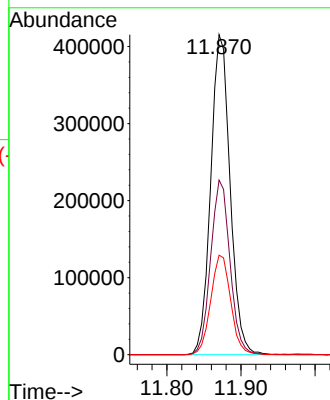
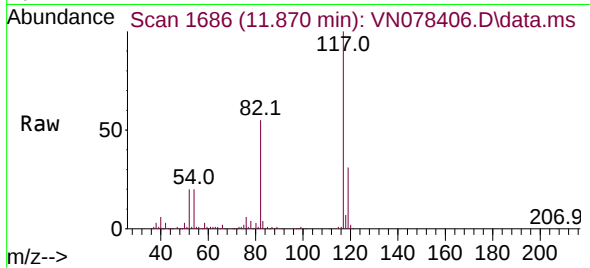




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Instrument :
MSVOA_N
ClientSampleId :
FB-GW-062123

Tgt Ion:117 Resp: 754234
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078406.D
Acq: 26 Jun 2023 16:49

Tgt Ion:152 Resp: 235103
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 159.4 0.0 355.8

