

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078535.D
 Acq On : 17 Jul 2023 11:32
 Operator : JC\MD
 Sample : VN0717WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBL01

Quant Time: Jul 18 04:19:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	437069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	779919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	711675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	248261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	290169	49.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.040%
35) Dibromofluoromethane	8.177	113	292814	55.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.620%
50) Toluene-d8	10.576	98	905037	45.251	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.500%
62) 4-Bromofluorobenzene	12.853	95	306008	49.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.340%

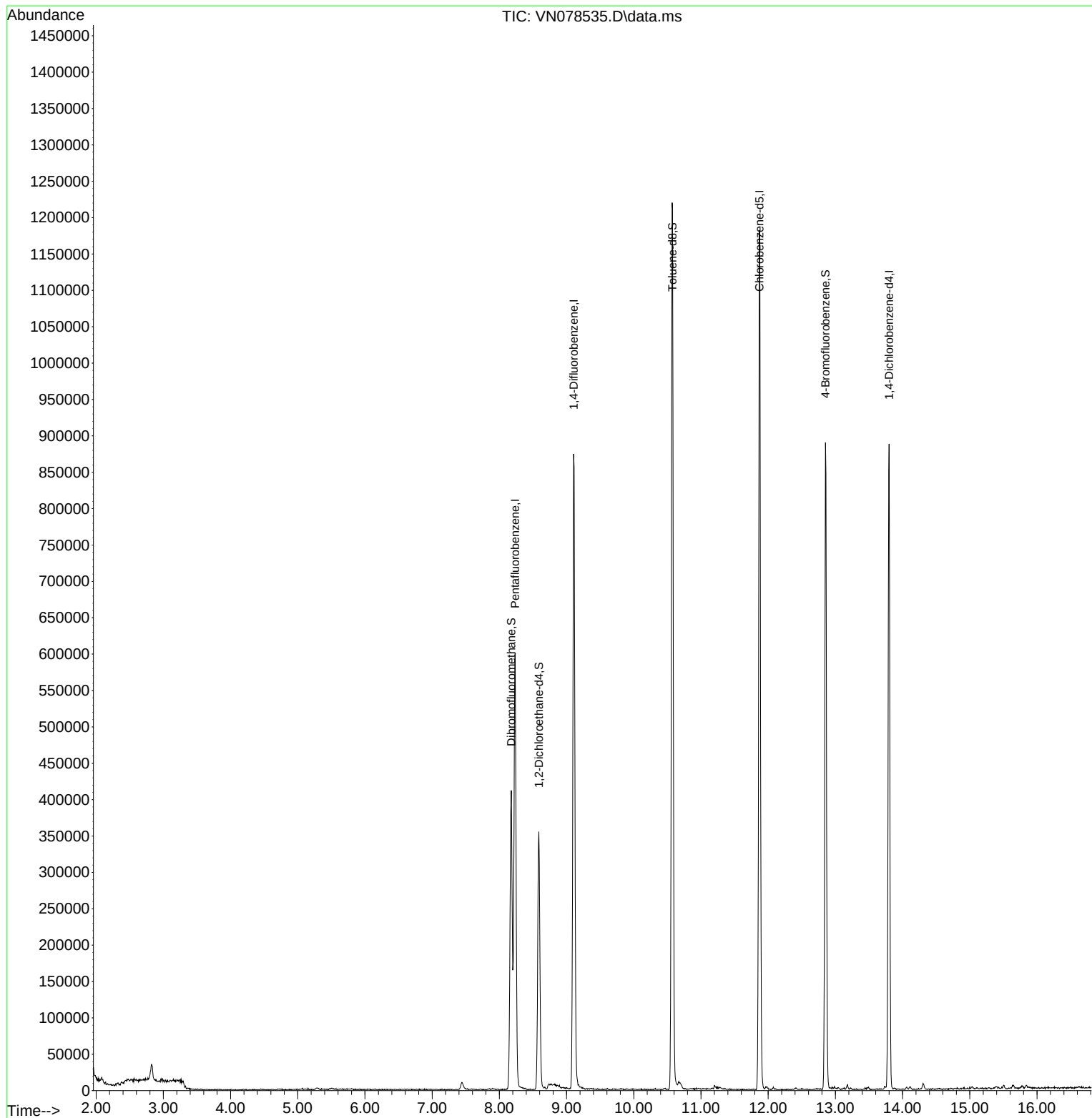
Target Compounds	Qvalue

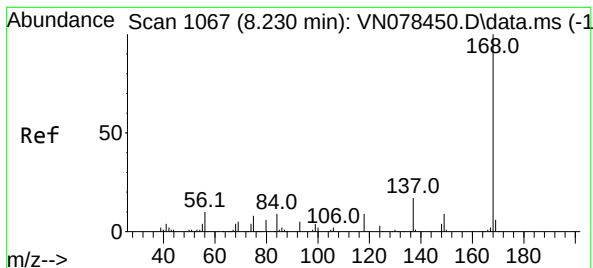
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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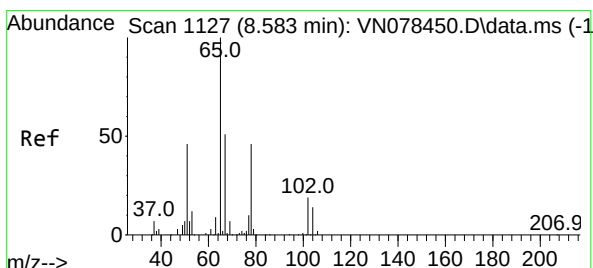
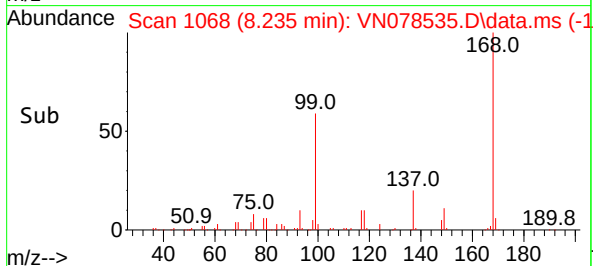
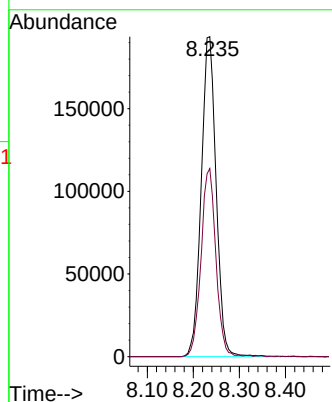
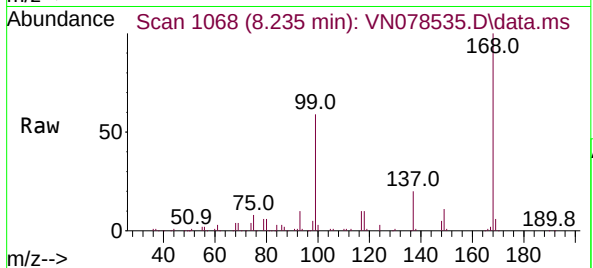




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1106
Delta R.T. 0.005 min
Lab File: VN078535.D
Acq: 17 Jul 2023 11:32

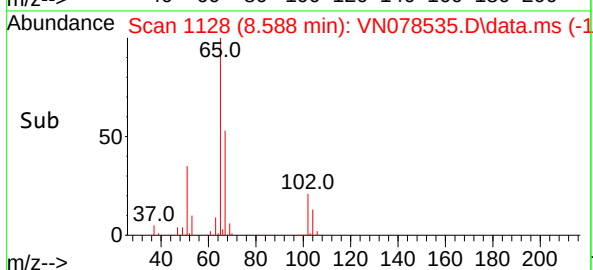
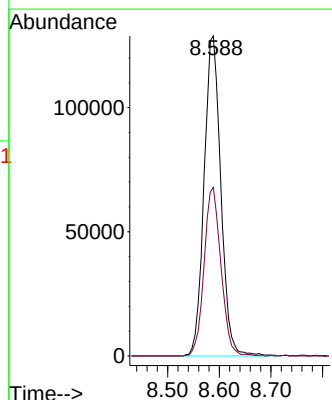
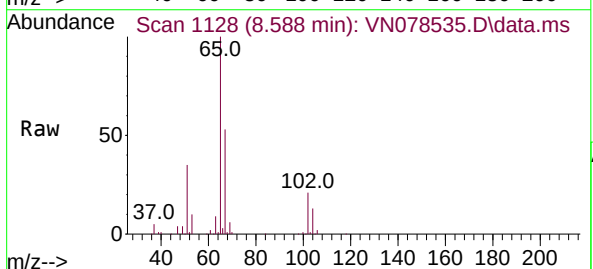
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBL01

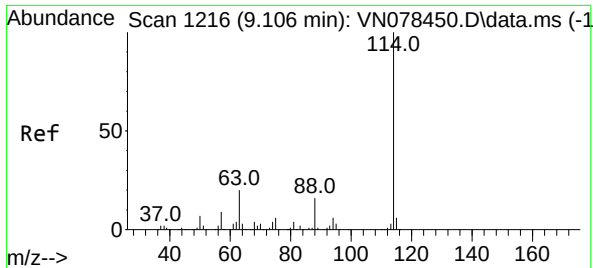
Tgt Ion:168 Resp: 437069
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.522 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078535.D
Acq: 17 Jul 2023 11:32

Tgt Ion: 65 Resp: 290169
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

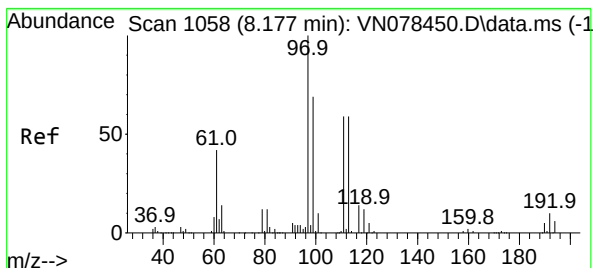
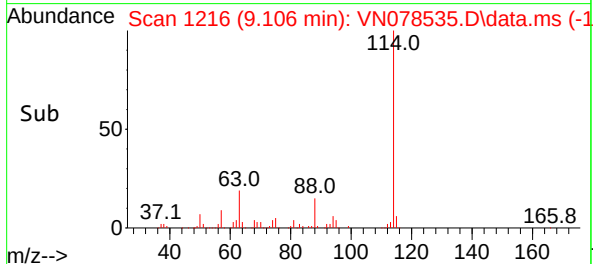
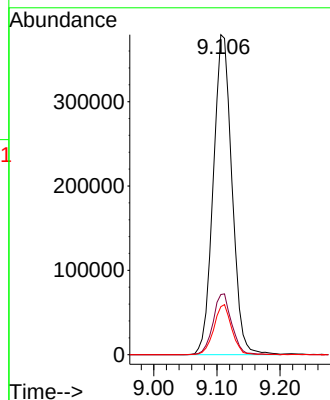
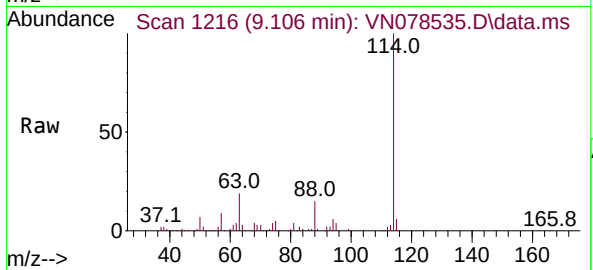




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078535.D
Acq: 17 Jul 2023 11:32

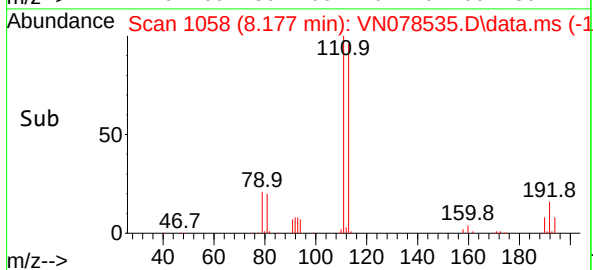
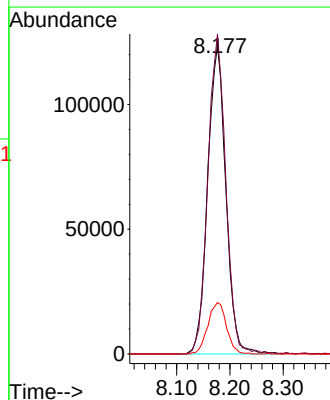
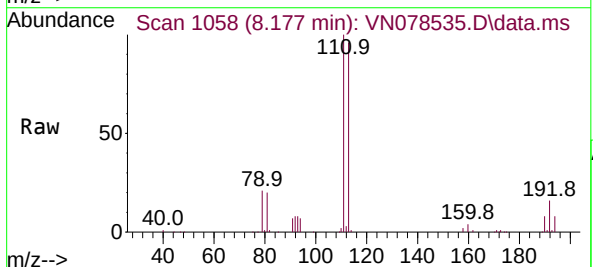
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBL01

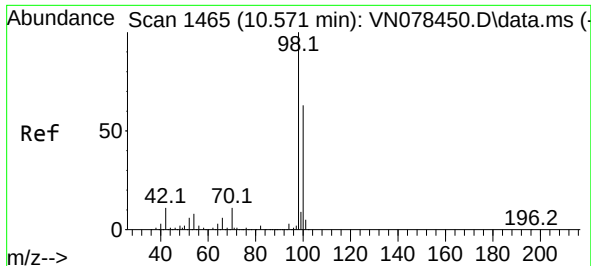
Tgt Ion:	114	Resp:	779919
Ion Ratio	Lower	Upper	
114	100		
63	18.8	0.0	36.4
88	15.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 55.307 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078535.D
Acq: 17 Jul 2023 11:32

Tgt Ion:	113	Resp:	292814
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.6	123.8
192	17.1	12.7	19.1

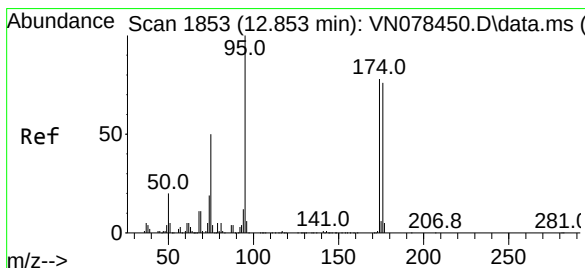
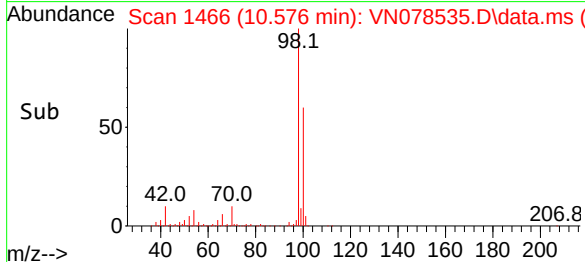
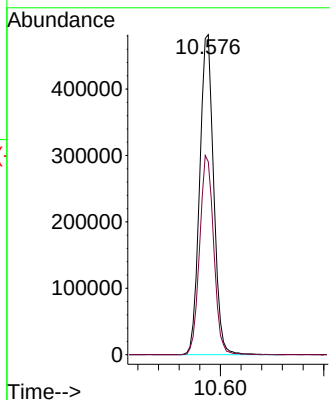
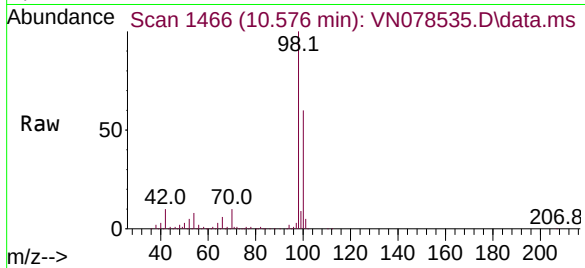




#50
Toluene-d8
Concen: 45.251 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078535.D
Acq: 17 Jul 2023 11:32

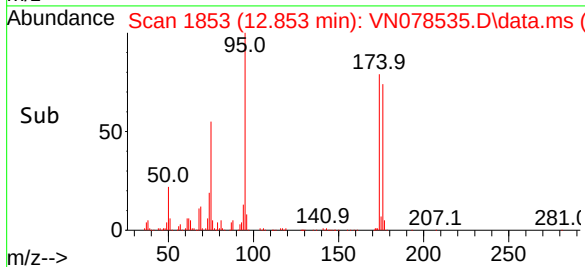
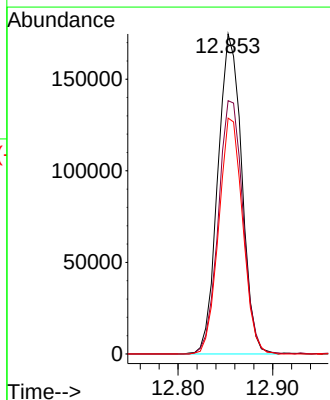
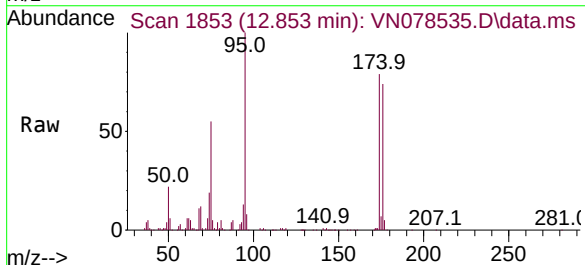
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBL01

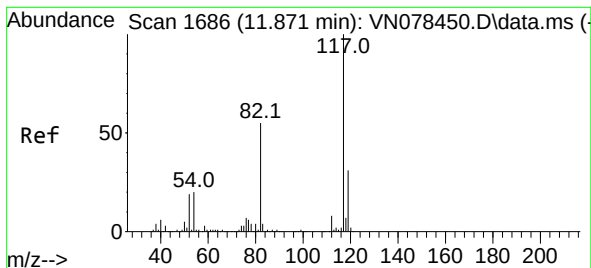
Tgt Ion: 98 Resp: 905037
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.672 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078535.D
Acq: 17 Jul 2023 11:32

Tgt Ion: 95 Resp: 306008
Ion Ratio Lower Upper
95 100
174 81.7 0.0 143.8
176 74.0 0.0 135.8

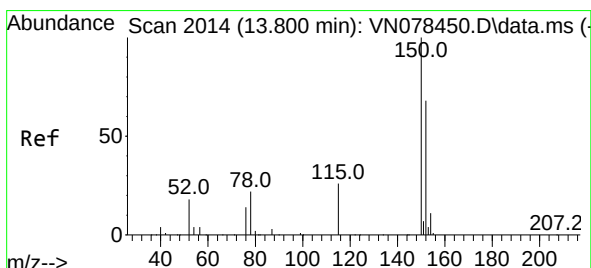
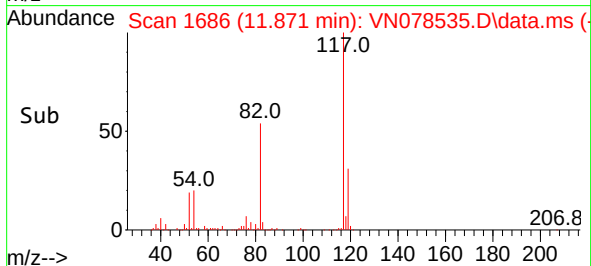
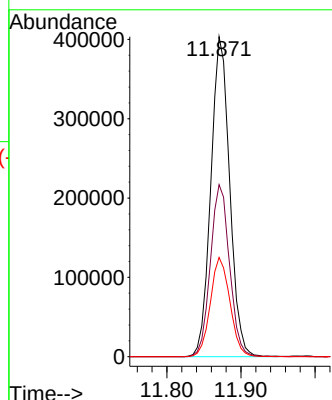
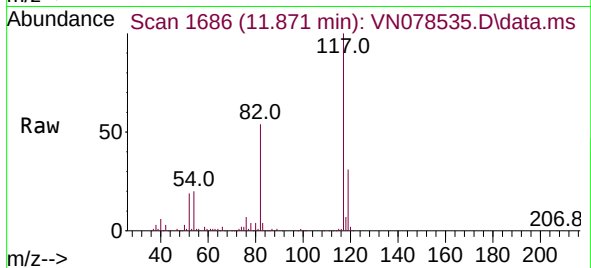




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078535.D
Acq: 17 Jul 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBL01

Tgt Ion:117 Resp: 711675
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 31.0 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: VN078535.D
Acq: 17 Jul 2023 11:32

Tgt Ion:152 Resp: 248261
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 156.0 0.0 355.8

