

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078793.D
 Acq On : 08 Aug 2023 11:16
 Operator : JC\MD
 Sample : VN0808WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Quant Time: Aug 09 02:47:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	179044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	288458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	74680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	136388	50.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	8.177	113	112375	49.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	10.571	98	410011	49.214	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.853	95	109447	43.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.920%

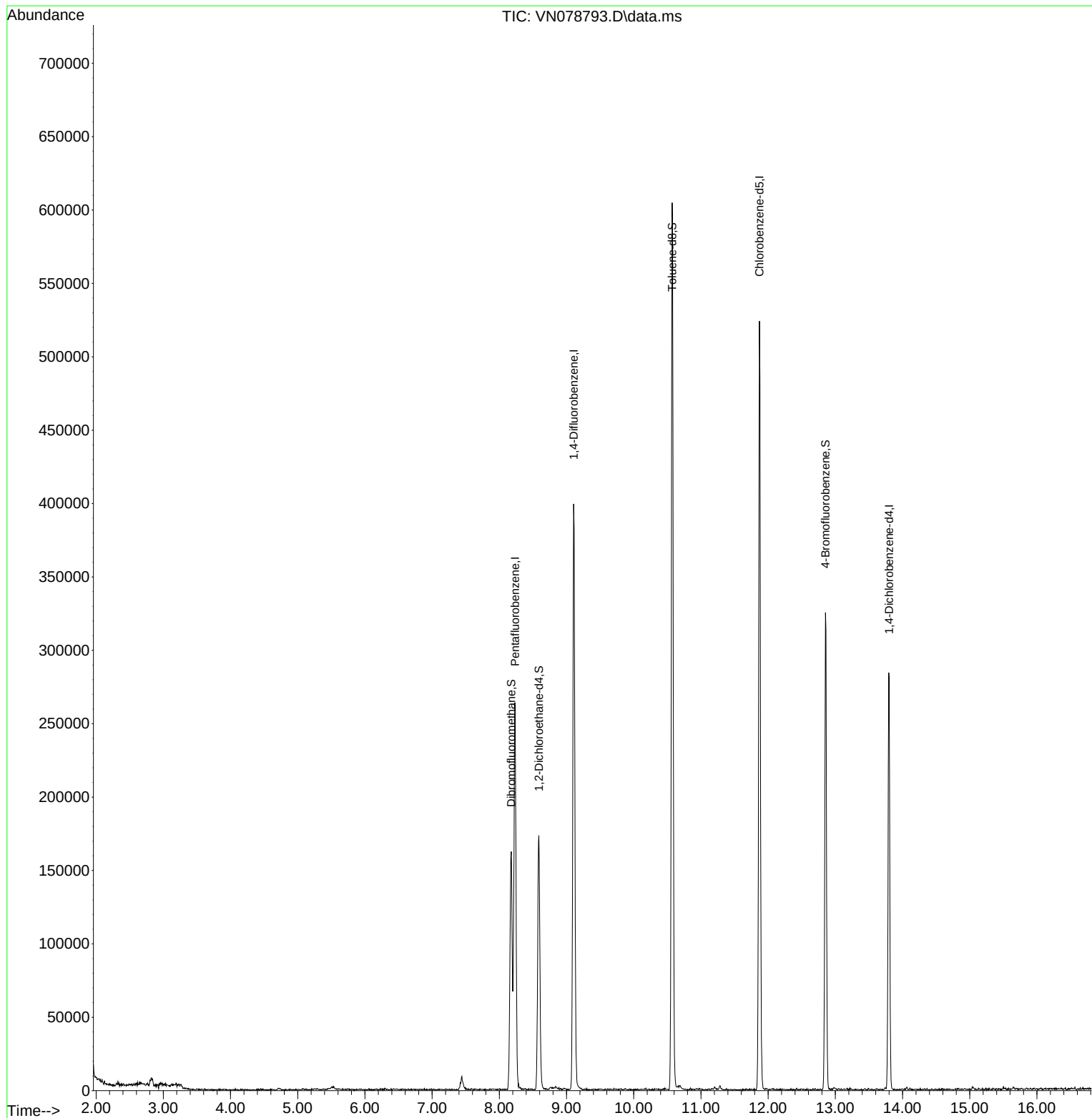
Target Compounds	Qvalue

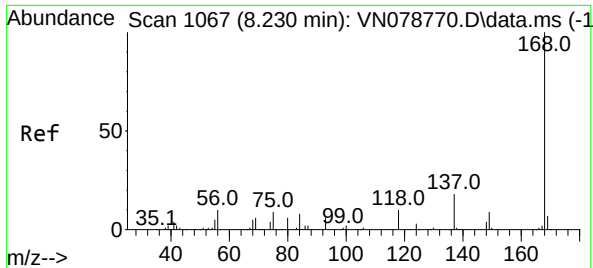
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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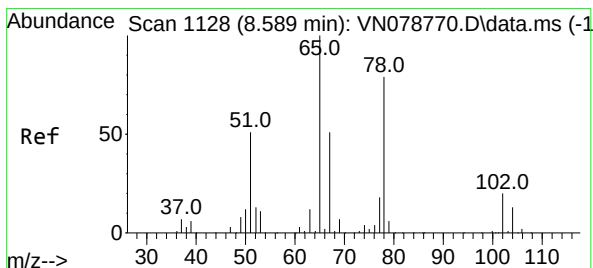
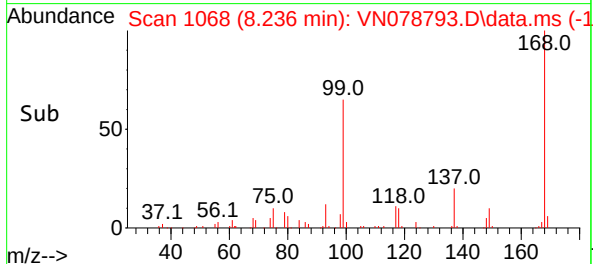
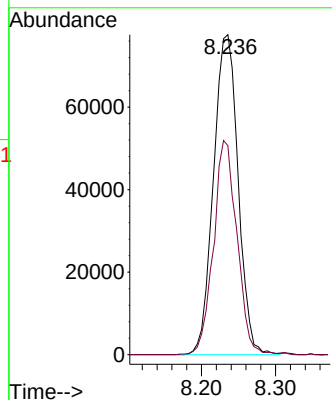
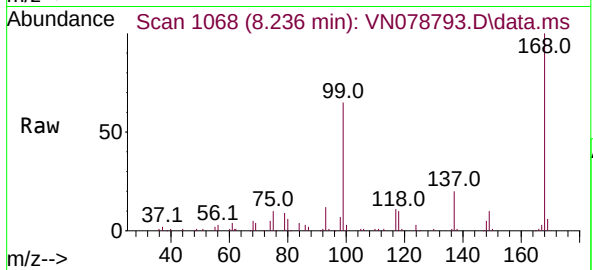




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

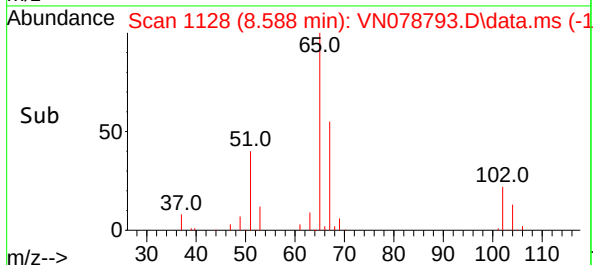
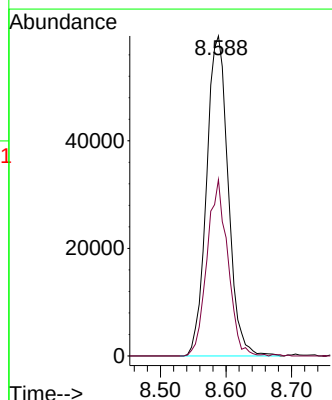
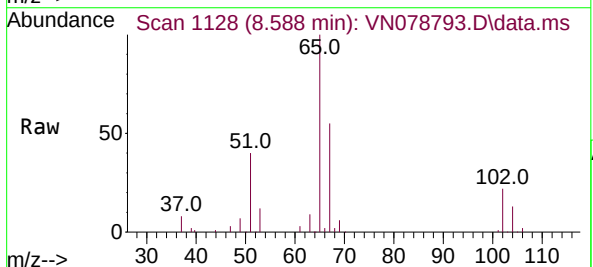
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

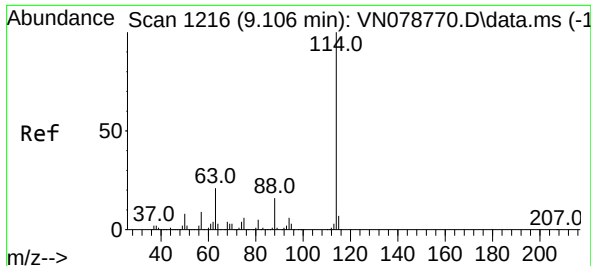
Tgt Ion:168 Resp: 179044
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.813 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 65 Resp: 136388
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6

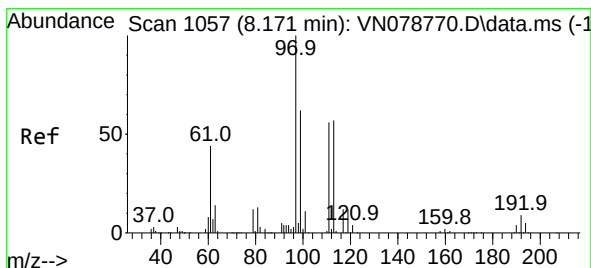
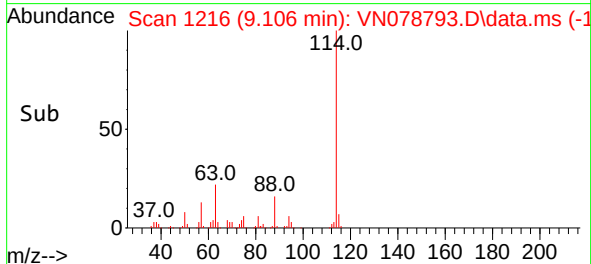
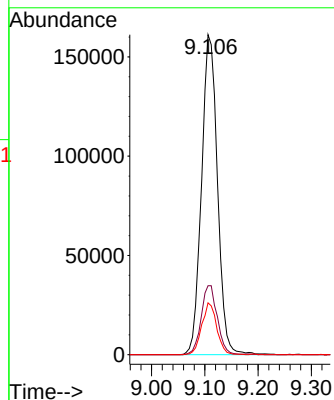
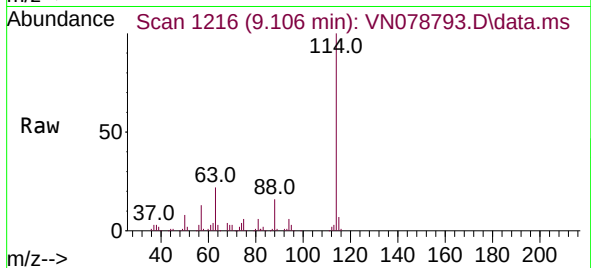




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

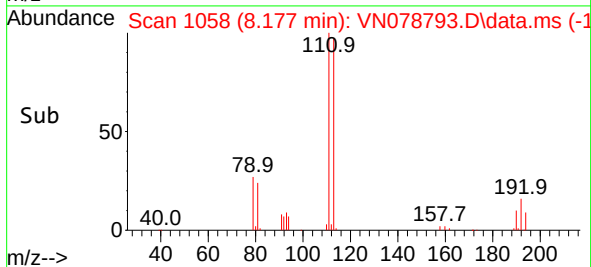
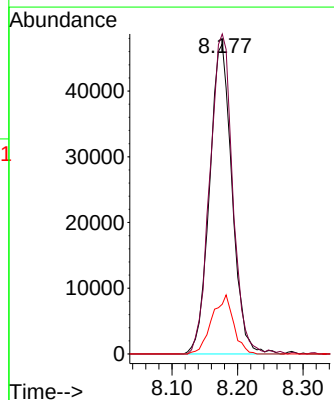
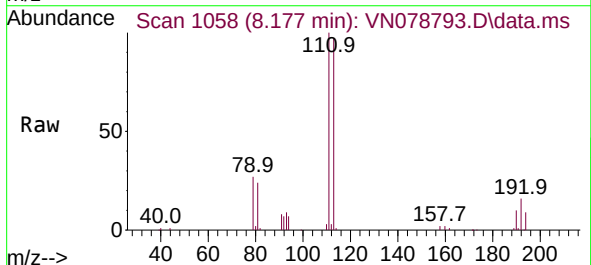
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

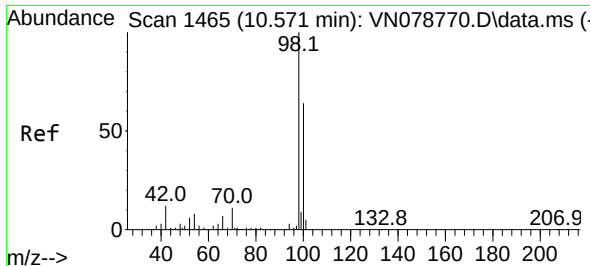
Tgt Ion:114 Resp: 335243
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.637 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion:113 Resp: 112375
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 18.2 12.7 19.1

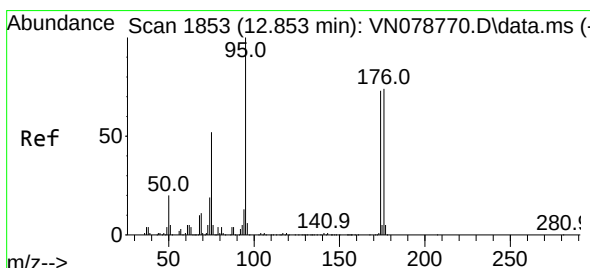
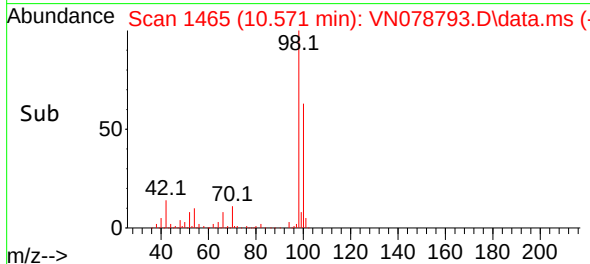
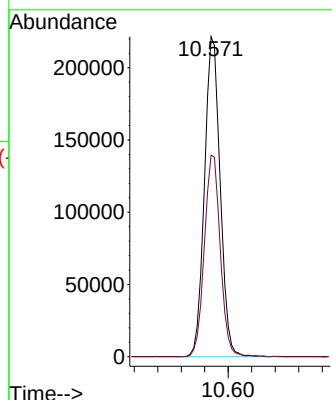
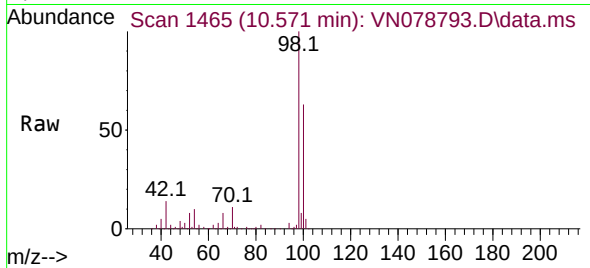




#50
Toluene-d8
Concen: 49.214 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

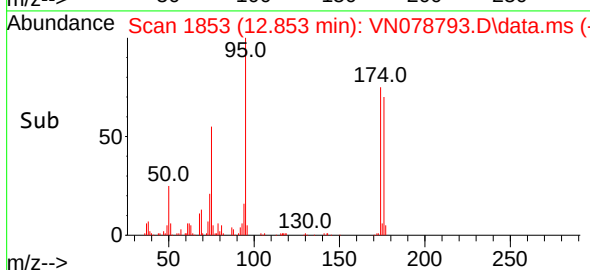
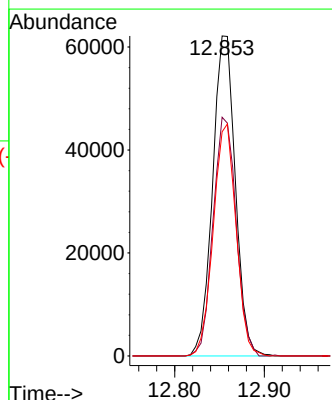
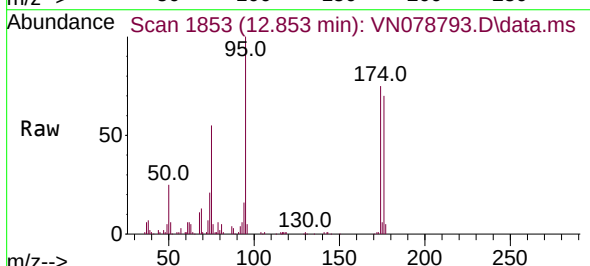
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

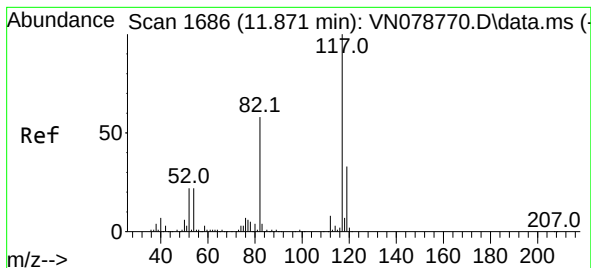
Tgt Ion: 98 Resp: 410011
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.957 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion: 95 Resp: 109447
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 72.5 0.0 135.8

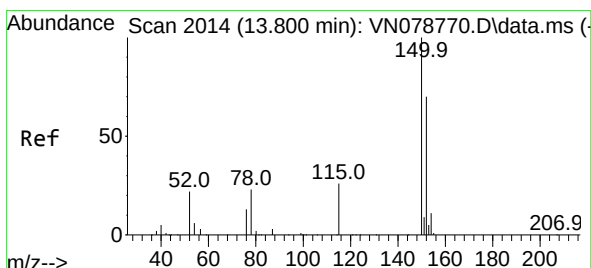
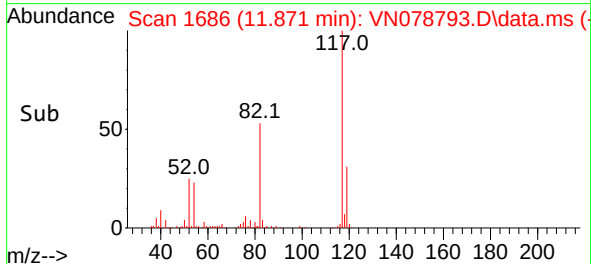
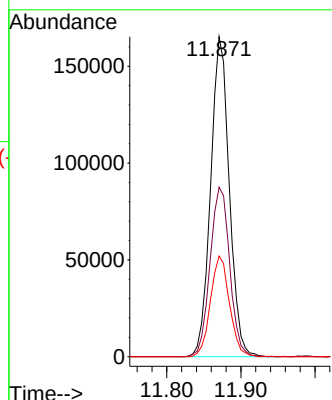
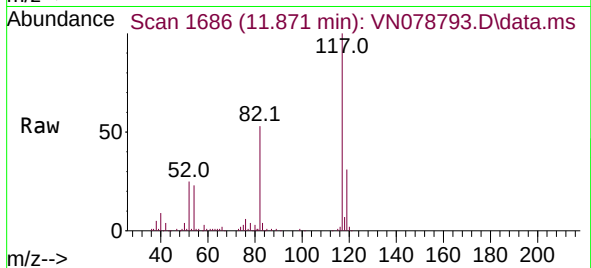




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078793.D
Acq: 08 Aug 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Tgt Ion:117 Resp: 288458
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 31.5 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: VN078793.D
Acq: 08 Aug 2023 11:16

Tgt Ion:152 Resp: 74680
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 155.7 0.0 355.8

