

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078135.D
 Acq On : 09 Jun 2023 10:26
 Operator : JC\MD
 Sample : VN0609WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBL01

Quant Time: Jun 09 23:03:49 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	8.236	168	351936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	637022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	163389	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	240932	51.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.700%
35) Dibromofluoromethane	8.177	113	208007	51.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.280%
50) Toluene-d8	10.571	98	790722	50.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.853	95	230074	47.662	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.320%

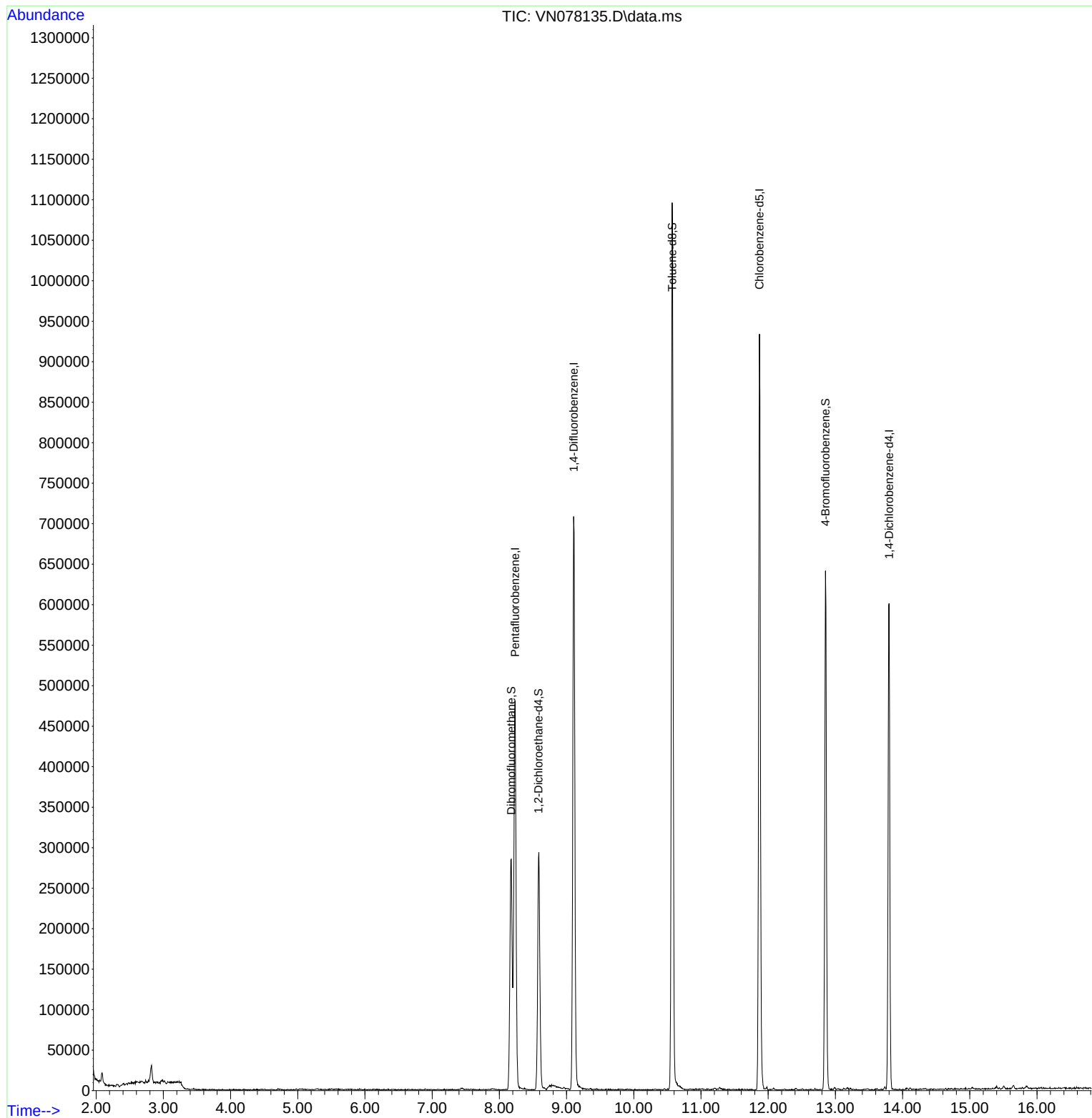
Target Compounds	Qvalue

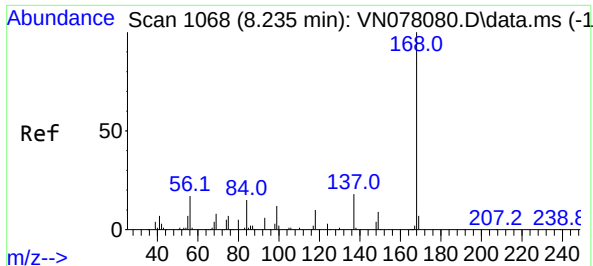
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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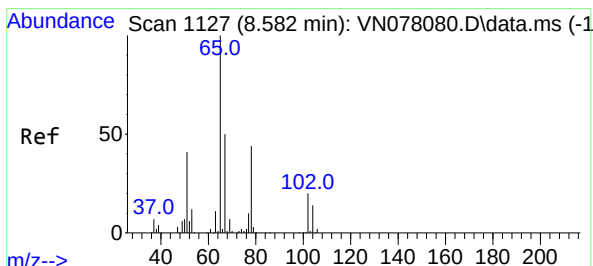
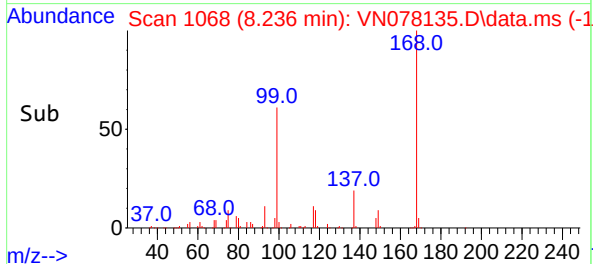
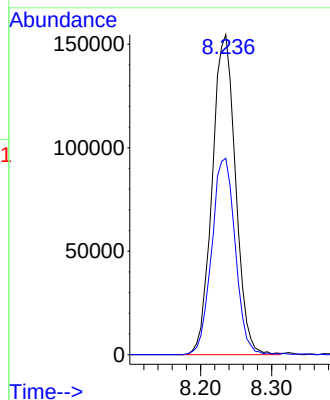
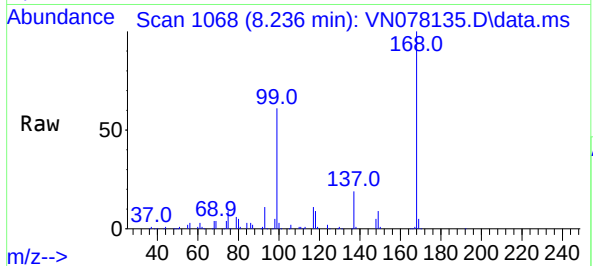




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078135.D
Acq: 09 Jun 2023 10:26

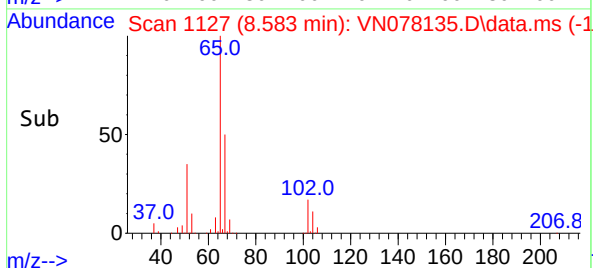
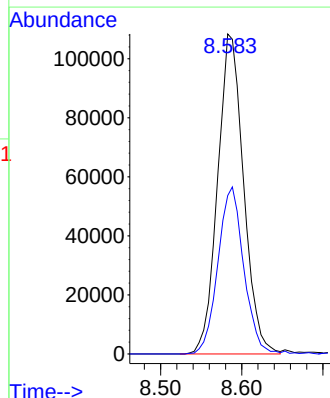
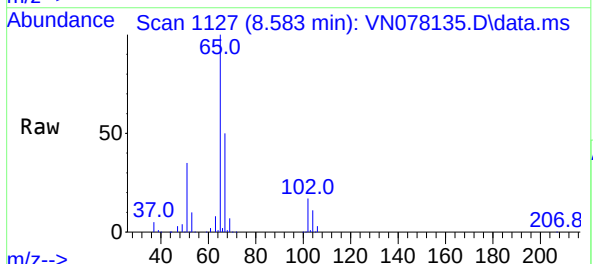
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL01

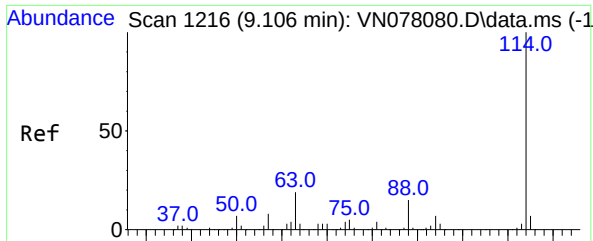
Tgt Ion:168 Resp: 351936
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.345 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078135.D
Acq: 09 Jun 2023 10:26

Tgt Ion: 65 Resp: 240932
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

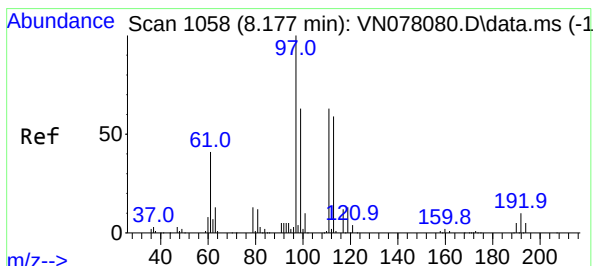
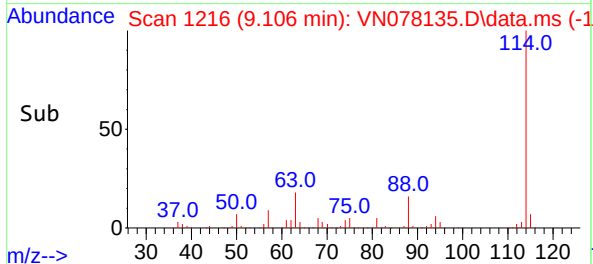
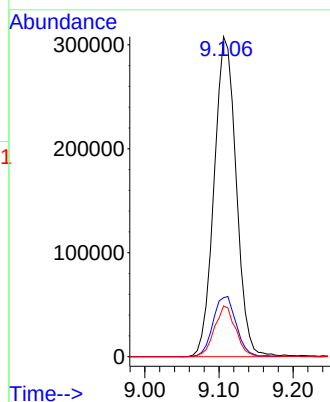
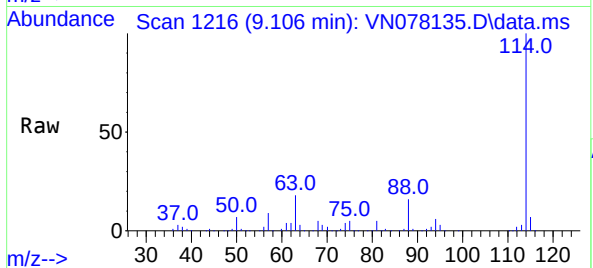




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078135.D
Acq: 09 Jun 2023 10:26

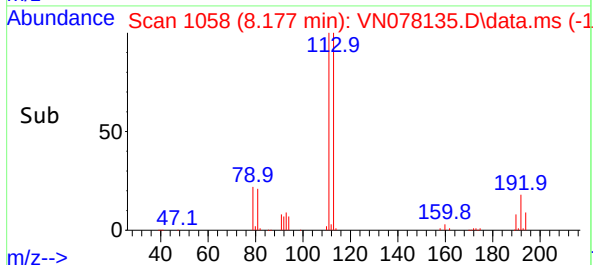
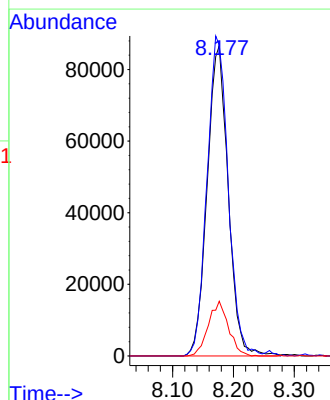
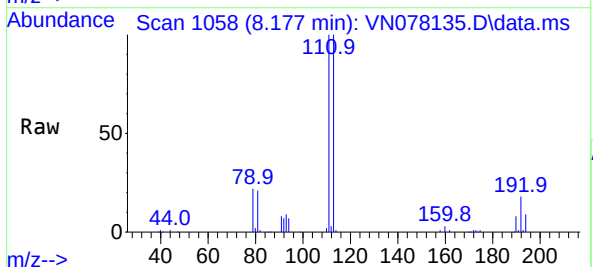
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL01

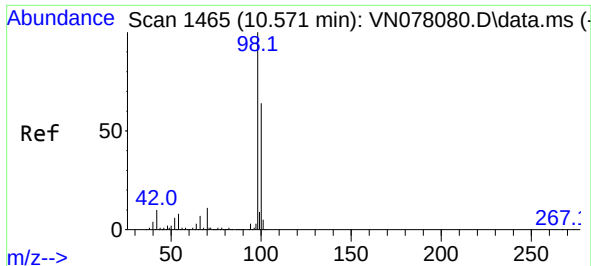
Tgt Ion:114 Resp: 637022
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.643 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078135.D
Acq: 09 Jun 2023 10:26

Tgt Ion:113 Resp: 208007
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.9 12.7 19.1

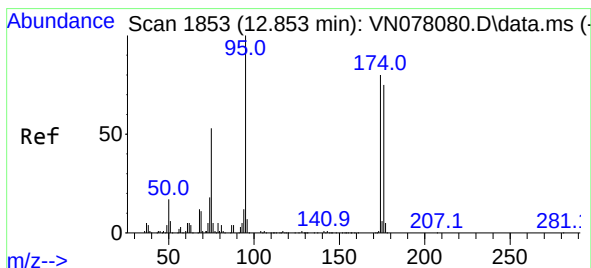
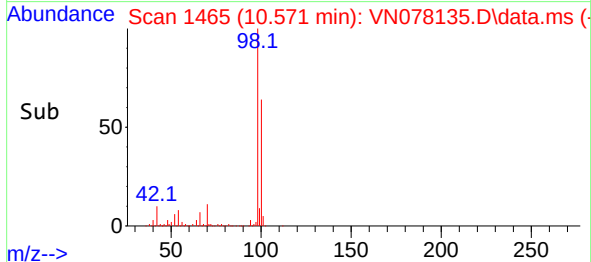
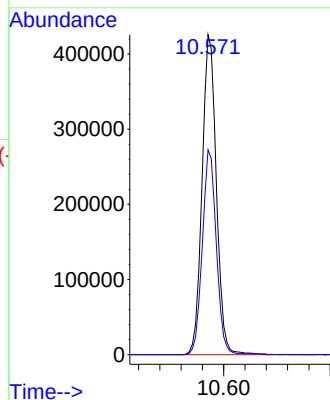
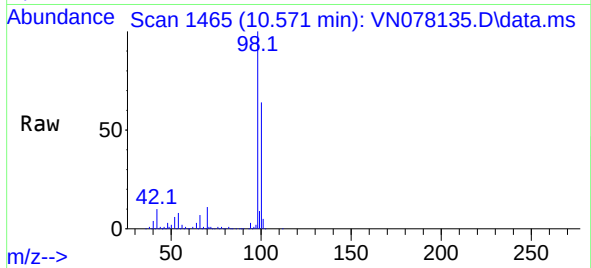




#50
Toluene-d8
Concen: 50.924 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078135.D
Acq: 09 Jun 2023 10:26

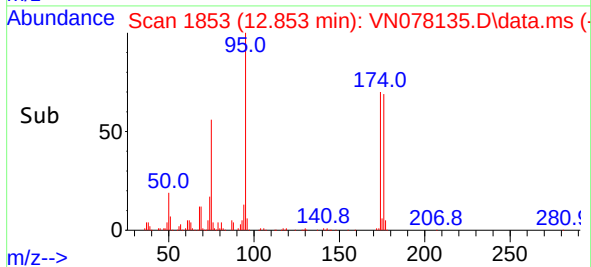
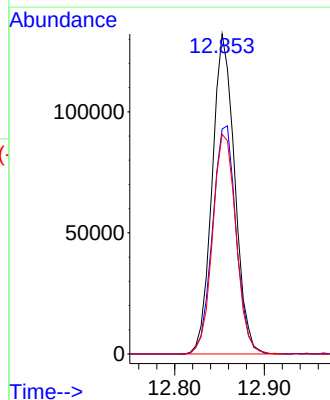
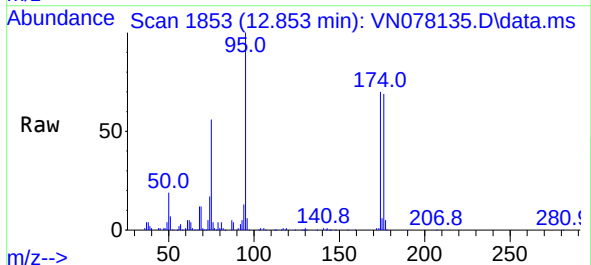
Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL01

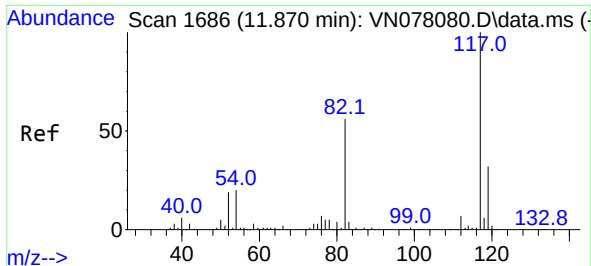
Tgt Ion: 98 Resp: 790722
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.662 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078135.D
Acq: 09 Jun 2023 10:26

Tgt Ion: 95 Resp: 230074
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 71.3 0.0 135.8

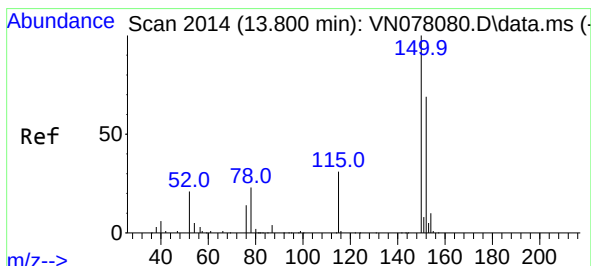
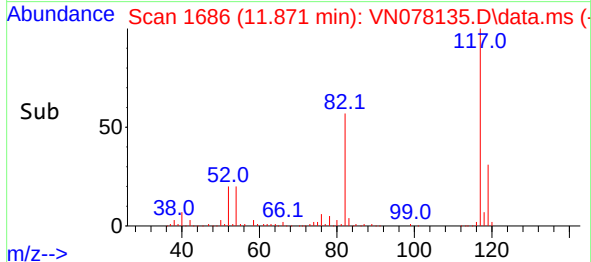
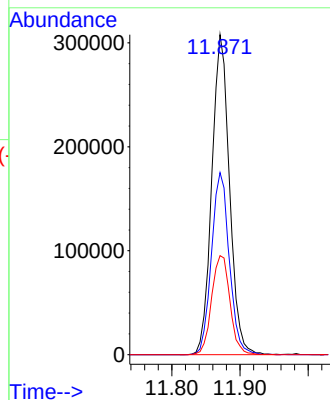
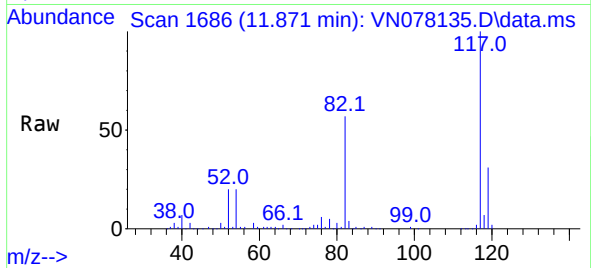




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078135.D
Acq: 09 Jun 2023 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN0609WBL01

Tgt Ion:117 Resp: 556059
Ion Ratio Lower Upper
117 100
82 56.9 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: VN078135.D
Acq: 09 Jun 2023 10:26

Tgt Ion:152 Resp: 163389
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 158.9 0.0 355.8

