

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072023\
 Data File : VN078586.D
 Acq On : 20 Jul 2023 11:33
 Operator : JC\MD
 Sample : VN0720WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

Quant Time: Jul 21 06:08:34 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	8.236	168	419782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	762315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	692233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	232541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281161	49.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	8.177	113	280310	54.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.340%
50) Toluene-d8	10.571	98	912936	46.700	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.853	95	303522	50.406	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.820%

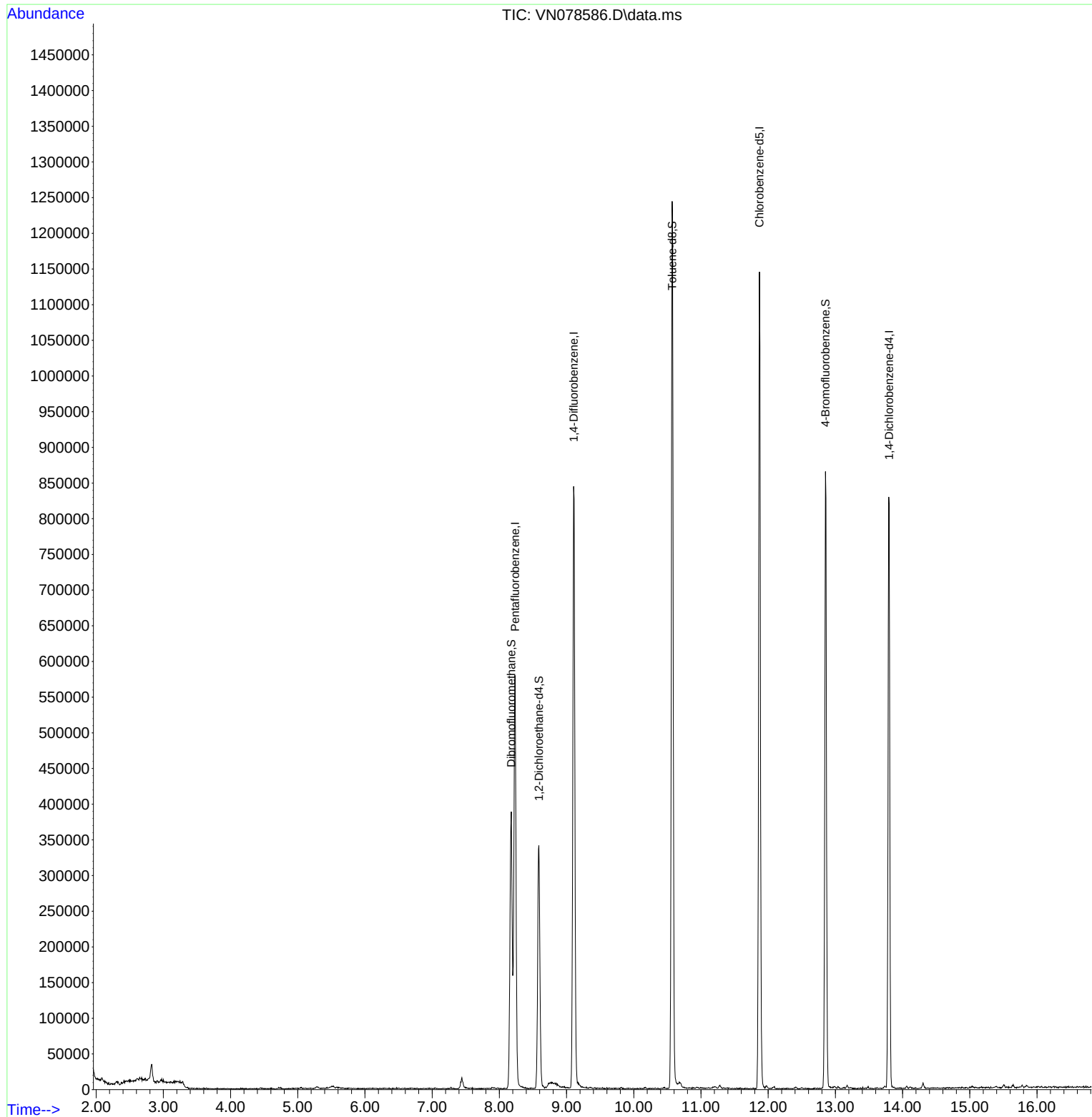
Target Compounds	Qvalue

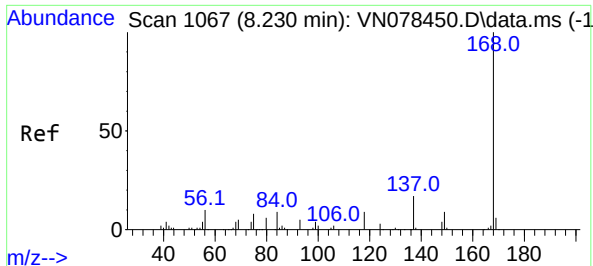
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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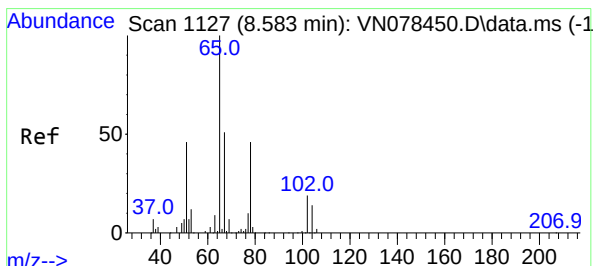
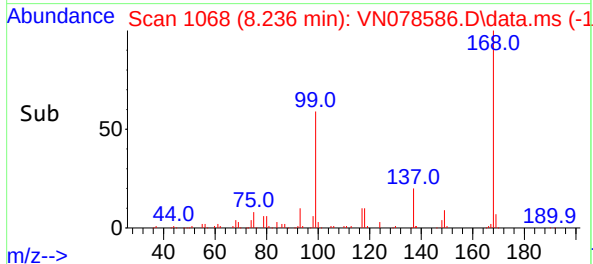
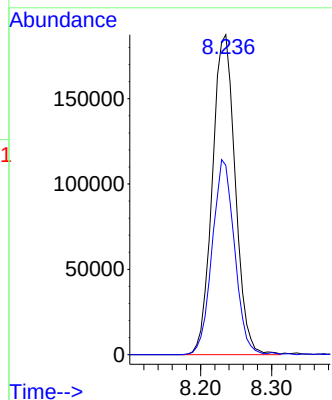
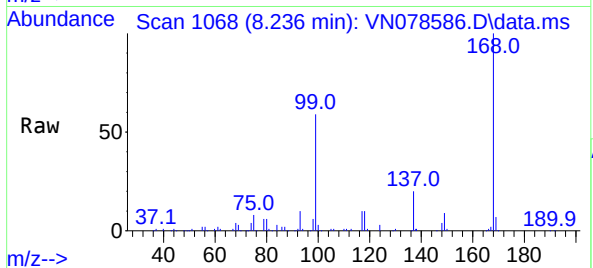




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078586.D
Acq: 20 Jul 2023 11:33

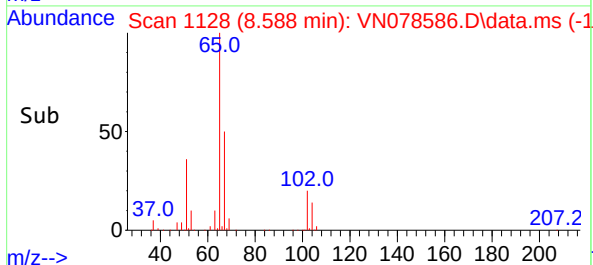
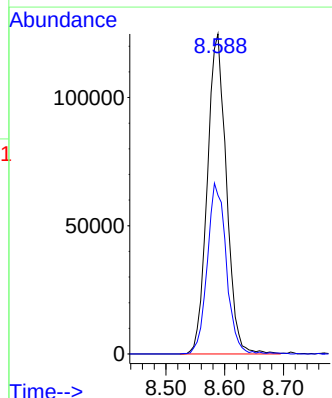
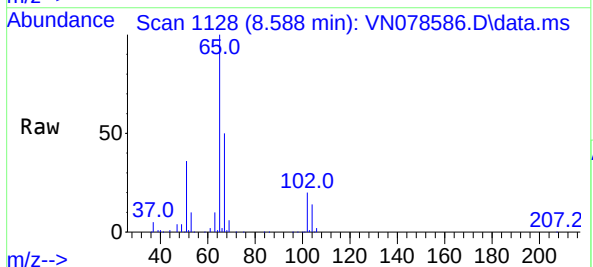
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

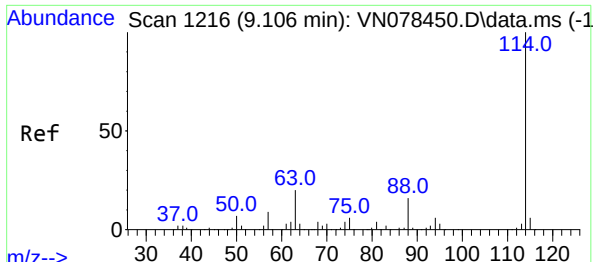
Tgt Ion:168 Resp: 419782
Ion Ratio Lower Upper
168 100
99 59.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.961 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078586.D
Acq: 20 Jul 2023 11:33

Tgt Ion: 65 Resp: 281161
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.6

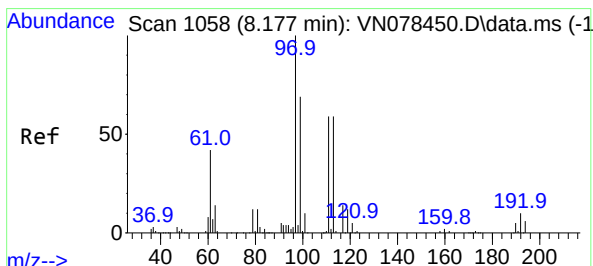
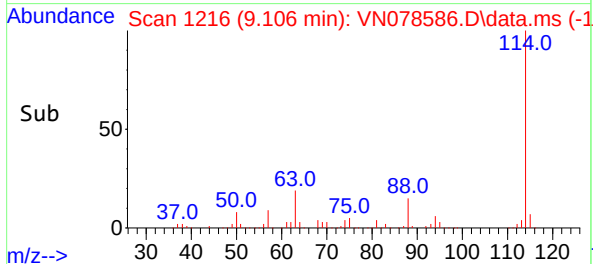
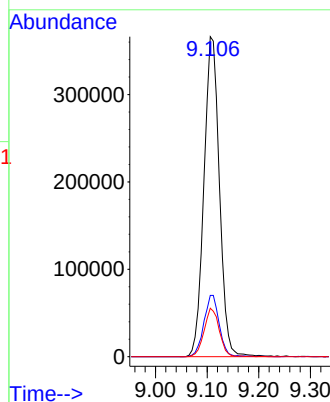
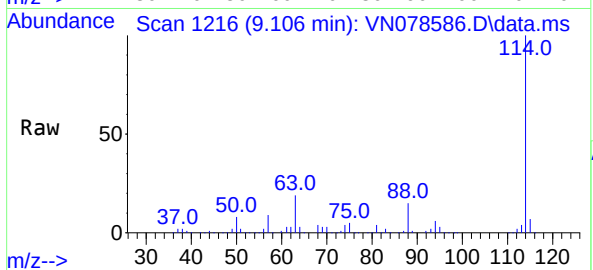




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078586.D
Acq: 20 Jul 2023 11:33

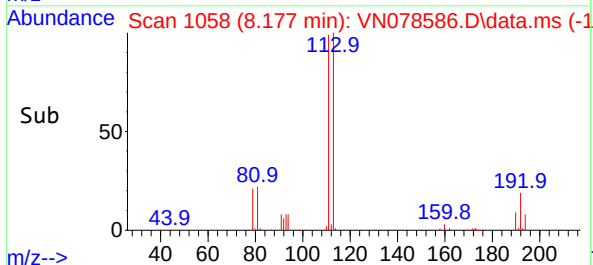
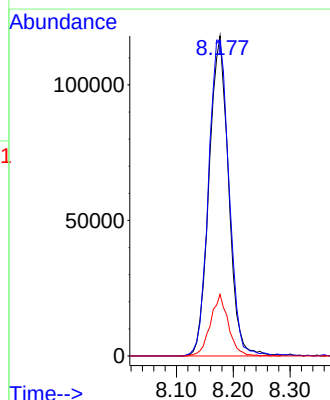
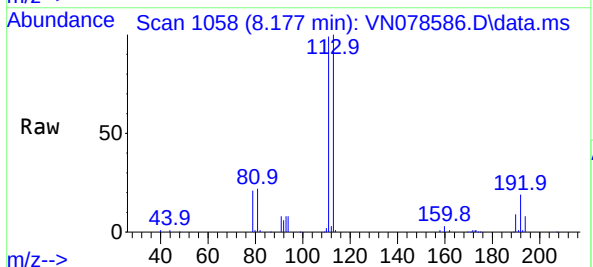
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

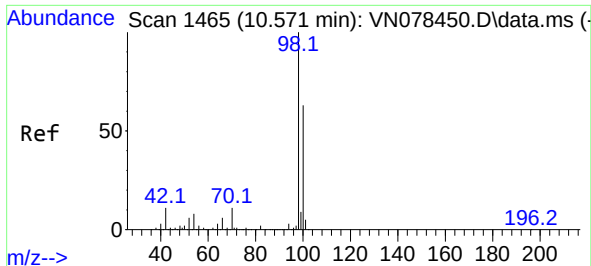
Tgt Ion:114 Resp: 762315
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.168 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078586.D
Acq: 20 Jul 2023 11:33

Tgt Ion:113 Resp: 280310
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 17.7 12.7 19.1

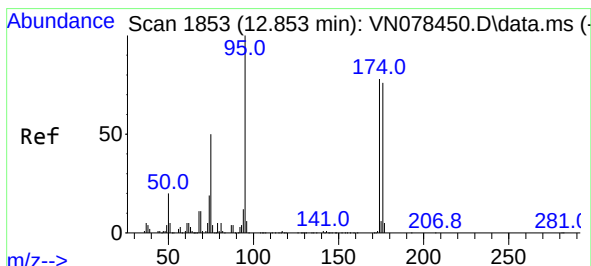
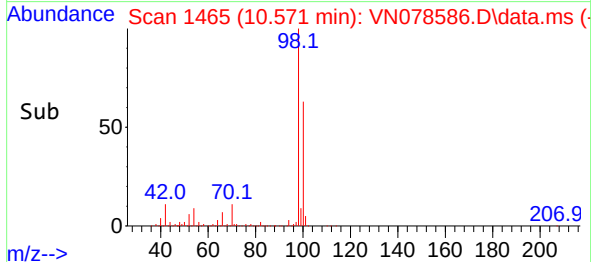
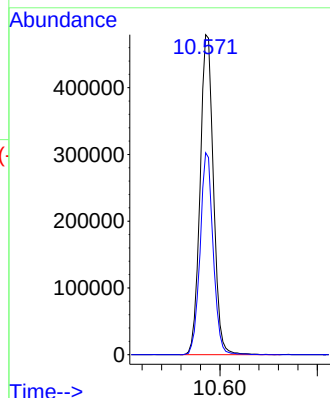
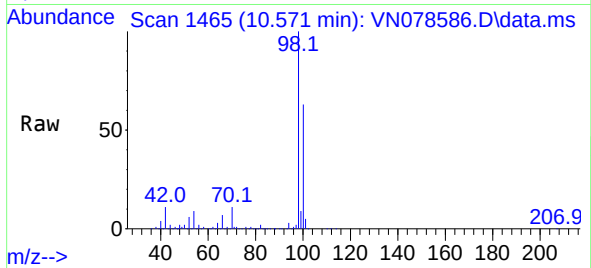




#50
Toluene-d8
Concen: 46.700 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078586.D
Acq: 20 Jul 2023 11:33

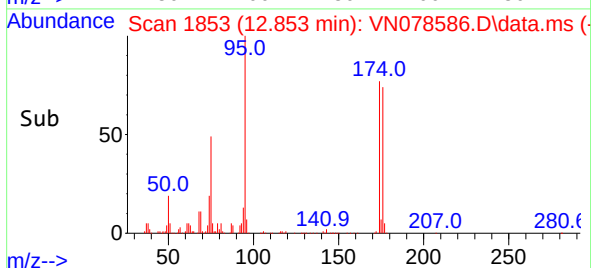
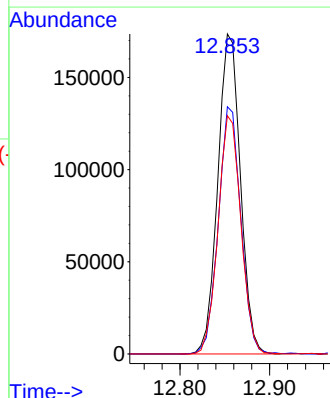
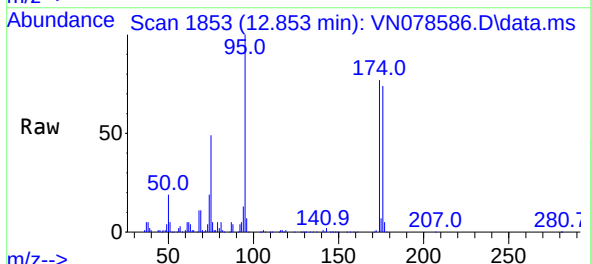
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

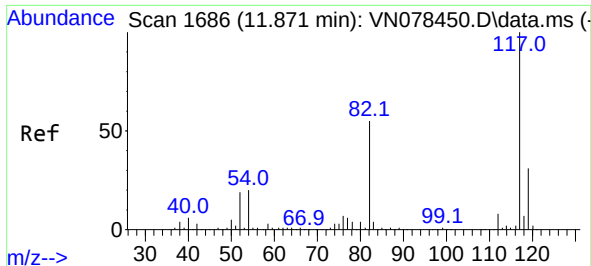
Tgt Ion: 98 Resp: 912936
Ion Ratio Lower Upper
98 100
100 61.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.406 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078586.D
Acq: 20 Jul 2023 11:33

Tgt Ion: 95 Resp: 303522
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 75.1 0.0 135.8

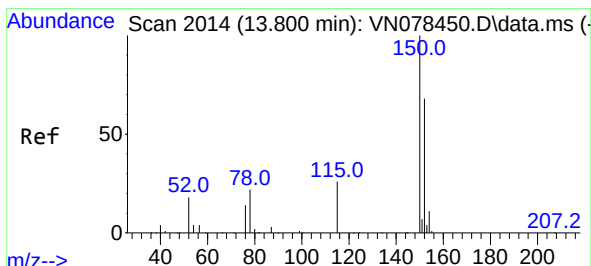
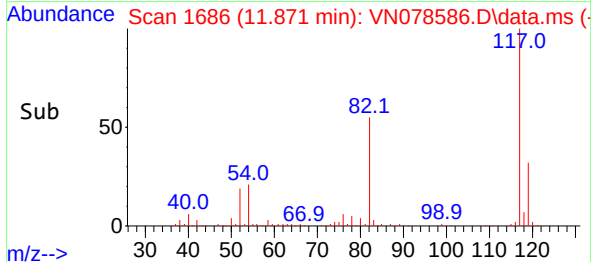
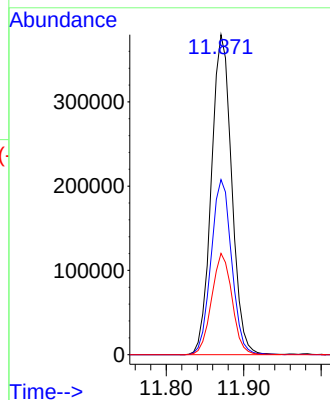
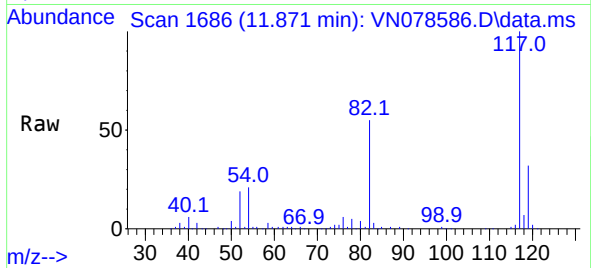




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078586.D
Acq: 20 Jul 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

Tgt Ion:117 Resp: 692233
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 31.6 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: VN078586.D
Acq: 20 Jul 2023 11:33

Tgt Ion:152 Resp: 232541
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 158.1 0.0 355.8

