

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078572.D
 Acq On : 19 Jul 2023 11:03
 Operator : JC\MD
 Sample : VN0719MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719MBL01

Quant Time: Jul 20 01:29:24 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	395184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	706289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	723740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	260632	49.196	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.400%
35) Dibromofluoromethane	8.177	113	258873	53.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.980%
50) Toluene-d8	10.571	98	837831	46.258	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.520%
62) 4-Bromofluorobenzene	12.853	95	276190	49.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.020%

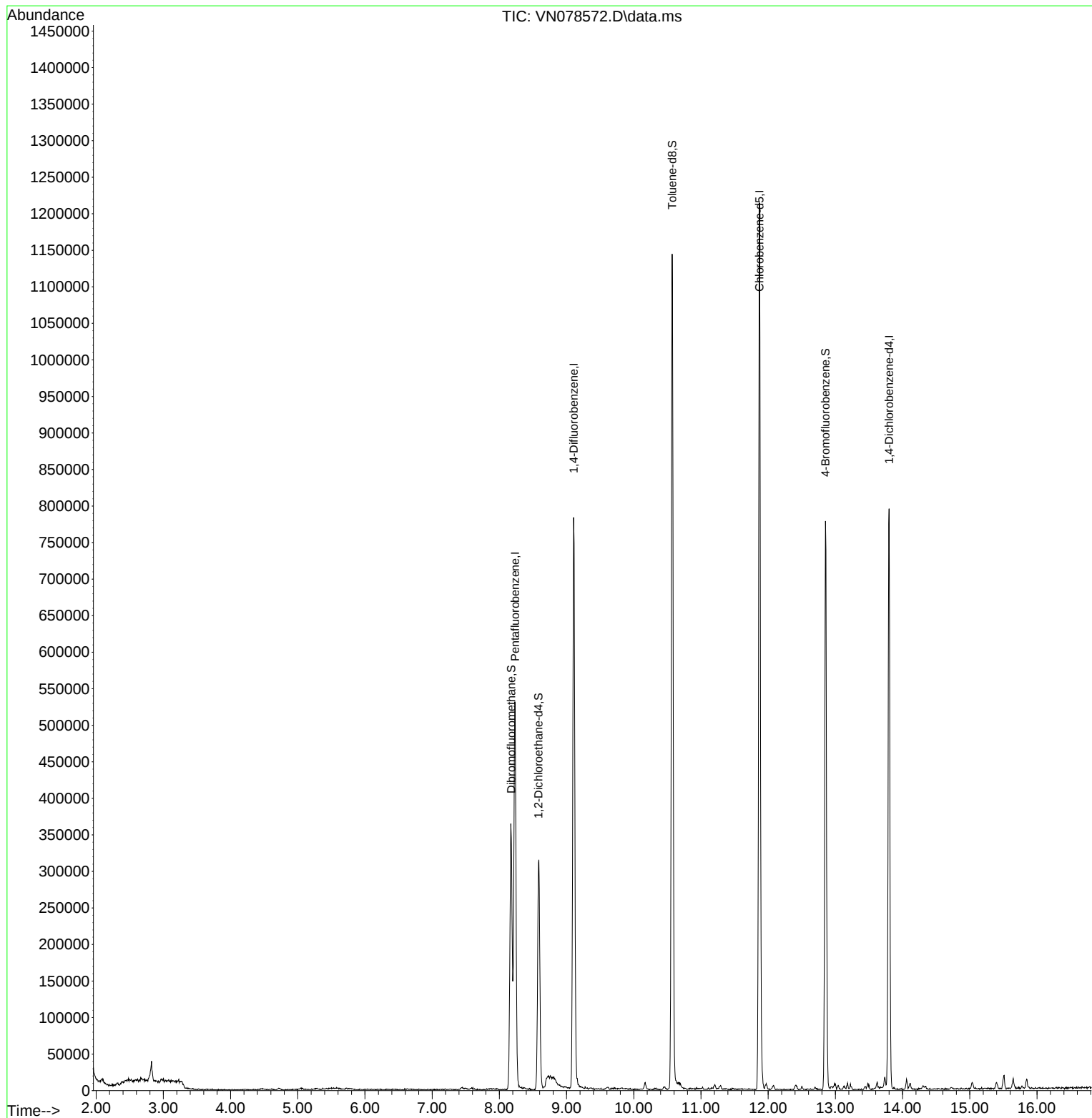
Target Compounds	Qvalue

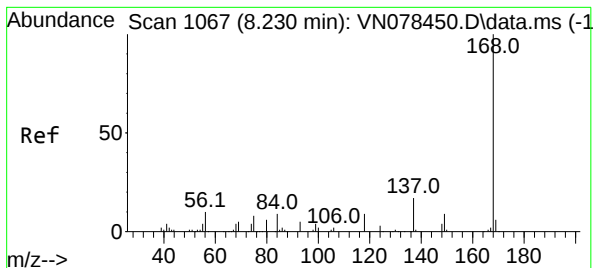
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1067

Delta R.T. 0.005 min

Lab File: VN078572.D

Acq: 19 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

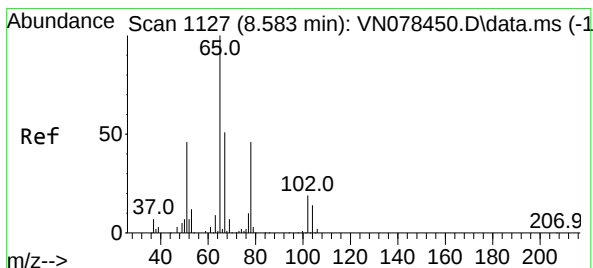
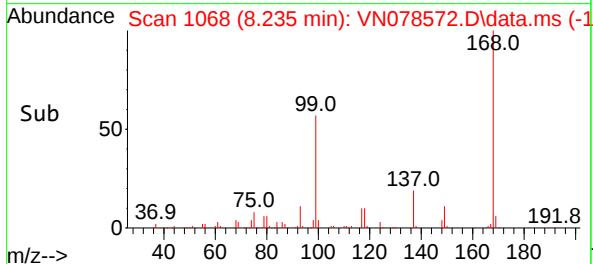
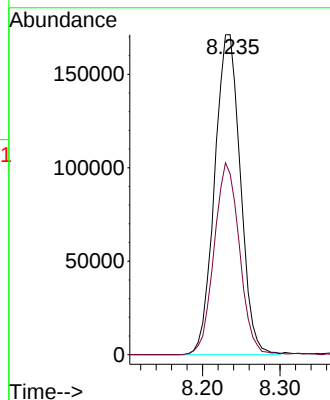
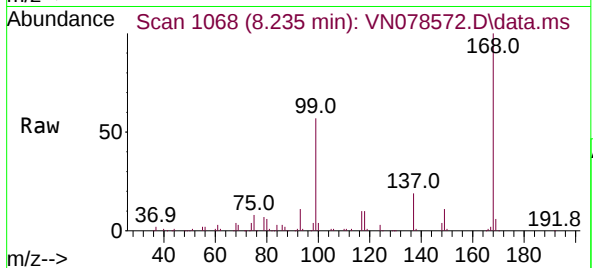
VN0719MBL01

Tgt Ion:168 Resp: 395184

Ion Ratio Lower Upper

168 100

99 56.5 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 49.196 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078572.D

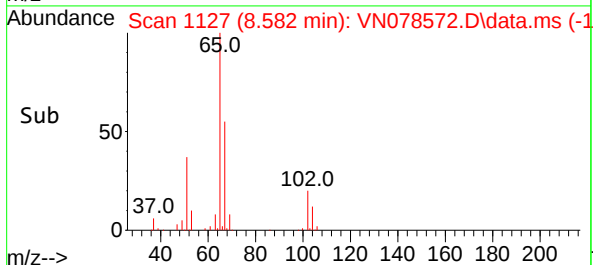
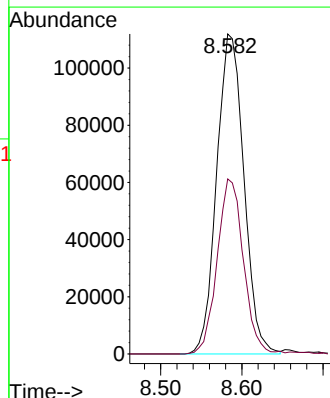
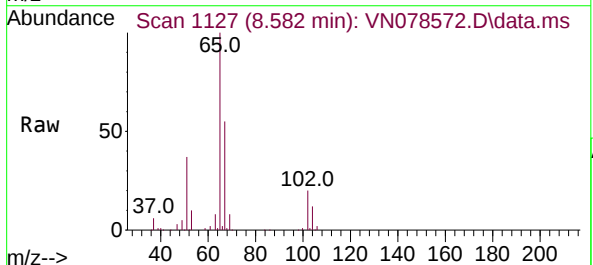
Acq: 19 Jul 2023 11:03

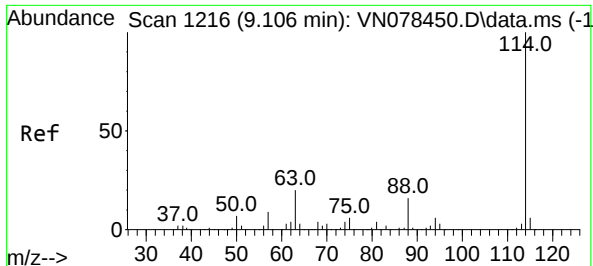
Tgt Ion: 65 Resp: 260632

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6

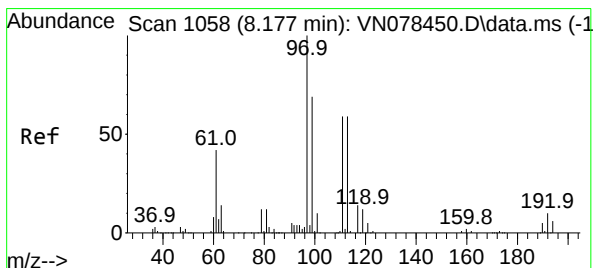
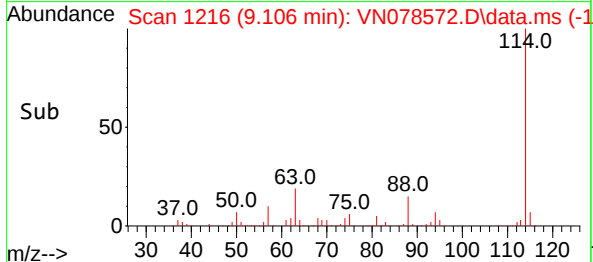
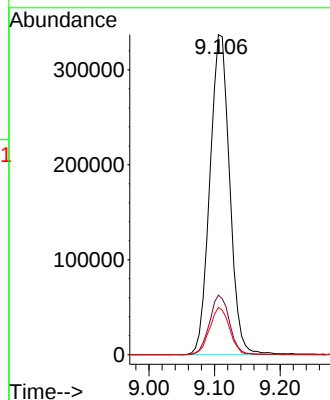
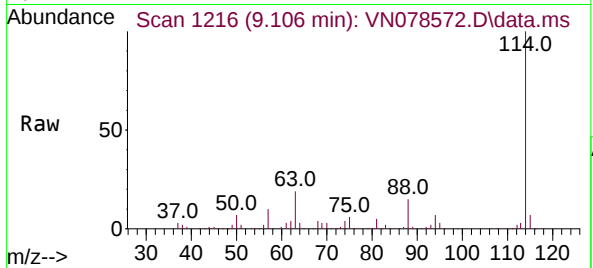




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

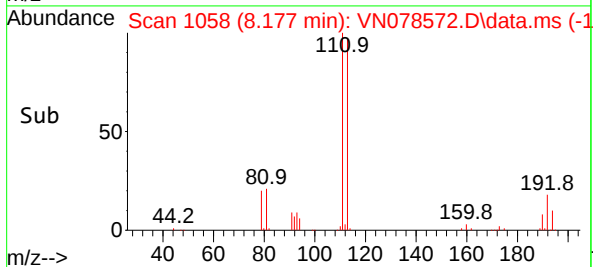
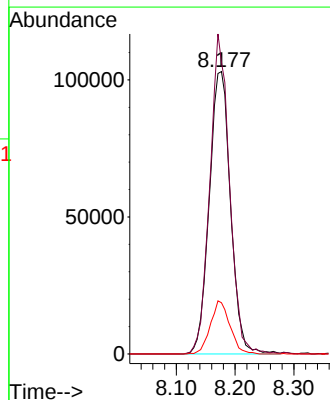
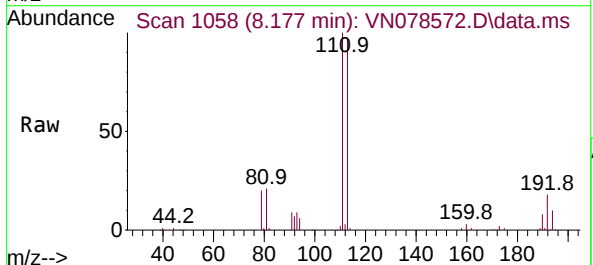
Instrument :
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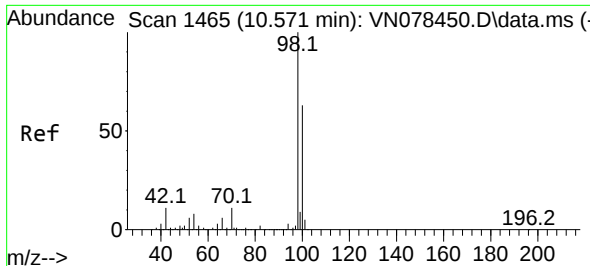
Tgt Ion:114 Resp: 706289
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.994 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion:113 Resp: 258873
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 17.3 12.7 19.1

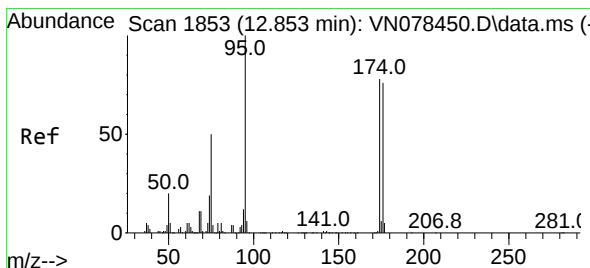
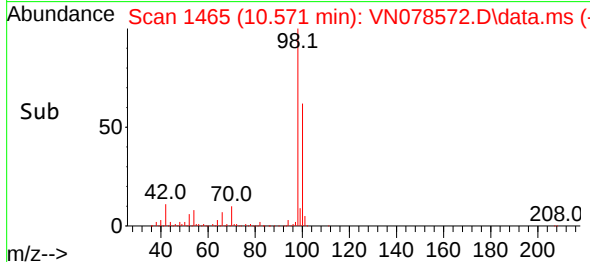
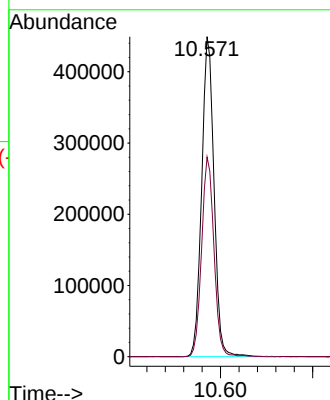
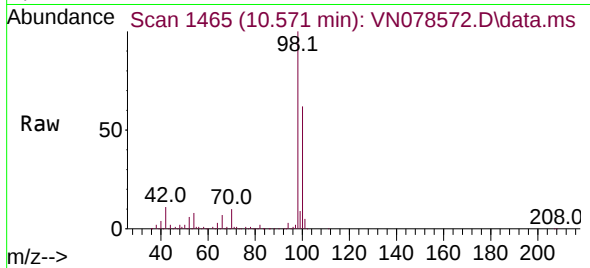




#50
Toluene-d8
Concen: 46.258 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

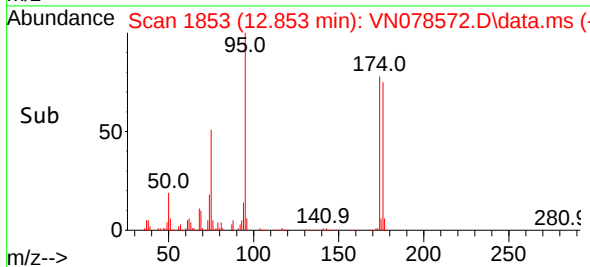
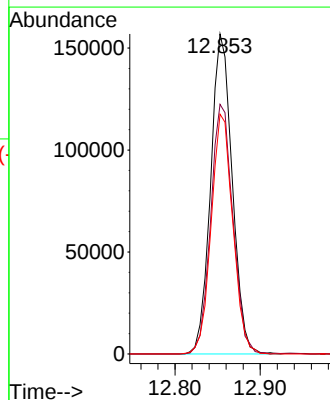
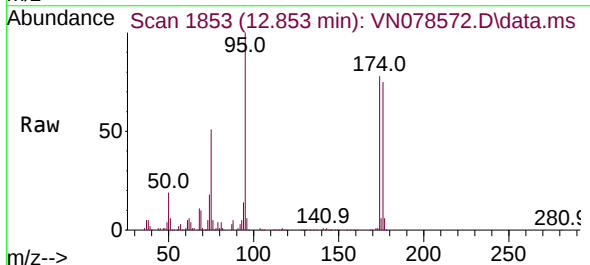
Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

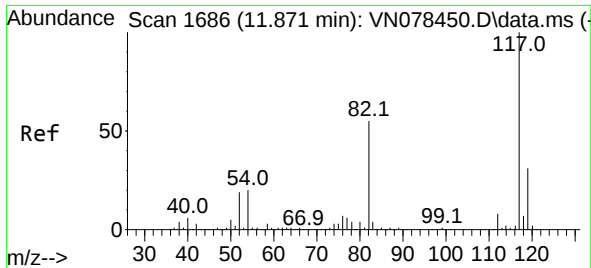
Tgt Ion: 98 Resp: 837831
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion: 95 Resp: 276190
Ion Ratio Lower Upper
95 100
174 80.3 0.0 143.8
176 75.2 0.0 135.8

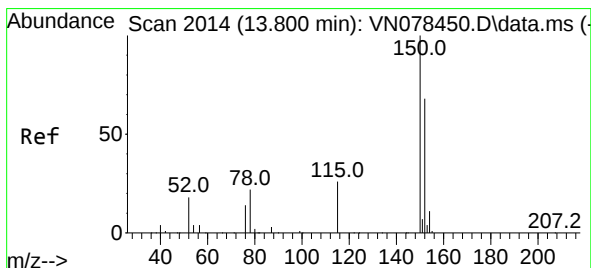
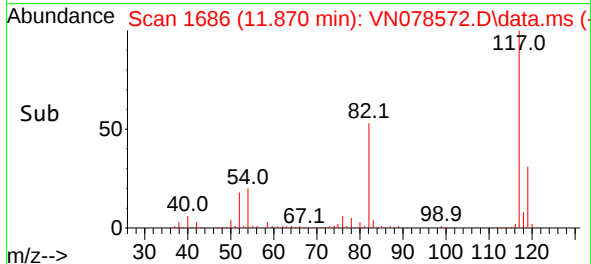
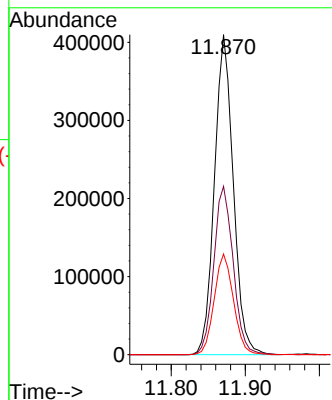
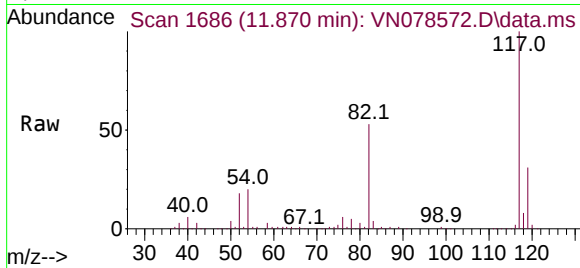




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078572.D
Acq: 19 Jul 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0719MBL01

Tgt Ion:117 Resp: 723740
Ion Ratio Lower Upper
117 100
82 52.6 44.0 66.0
119 31.4 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: VN078572.D
Acq: 19 Jul 2023 11:03

Tgt Ion:152 Resp: 223170
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 159.8 0.0 355.8

