

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078258.D
 Acq On : 16 Jun 2023 14:29
 Operator : JC\MD
 Sample : 03317-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-061623

Quant Time: Jun 17 02:23:31 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	8.230	168	436155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	799220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	694567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	204953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	312987	53.821	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.640%
35) Dibromofluoromethane	8.177	113	274282	54.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.560%
50) Toluene-d8	10.571	98	932679	47.876	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.853	95	280659	46.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.680%

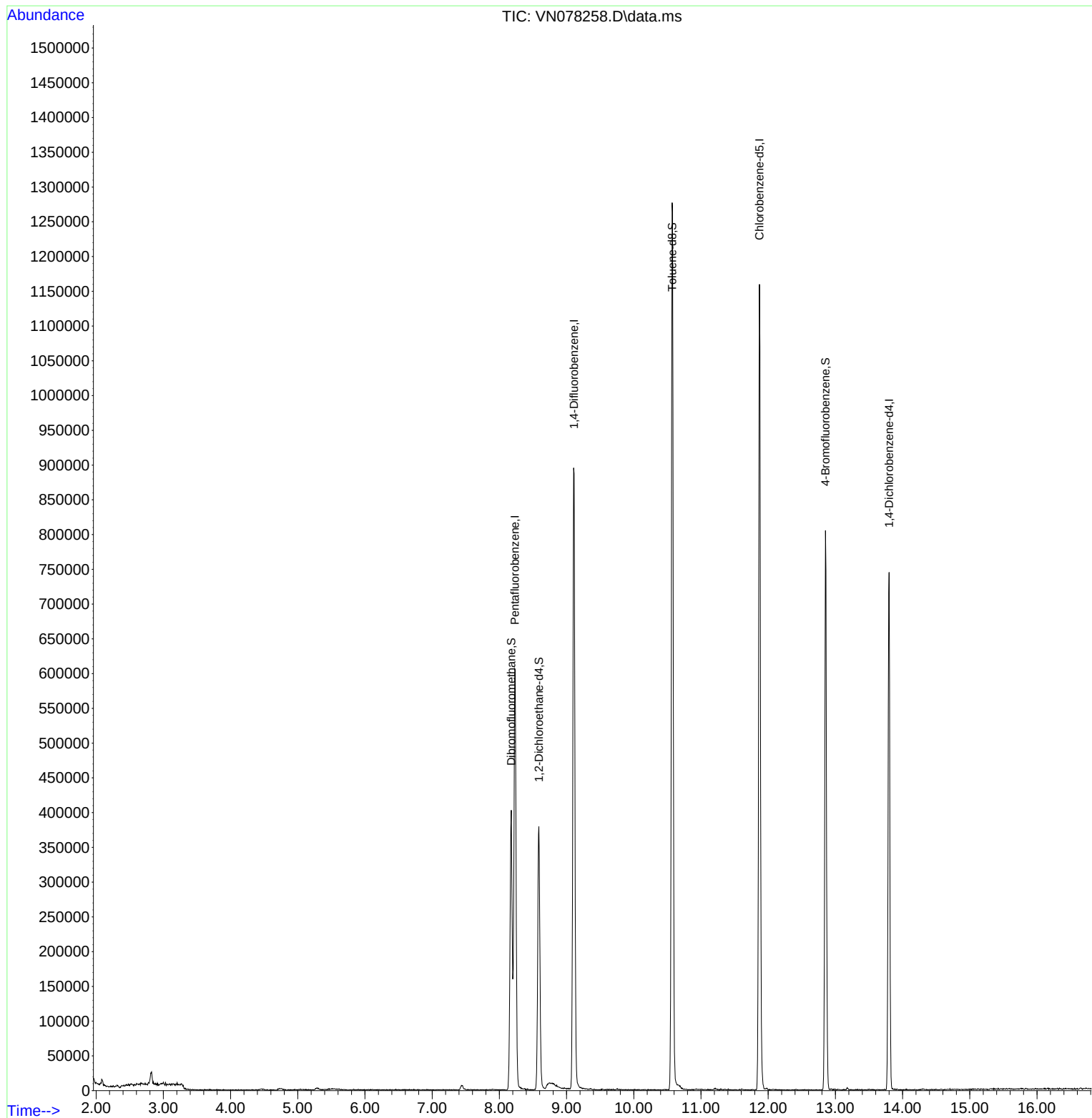
Target Compounds	Qvalue

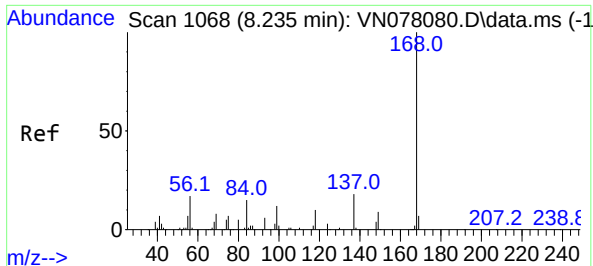
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.005 min

Lab File: VN078258.D

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Instrument :

MSVOA_N

ClientSampleId :

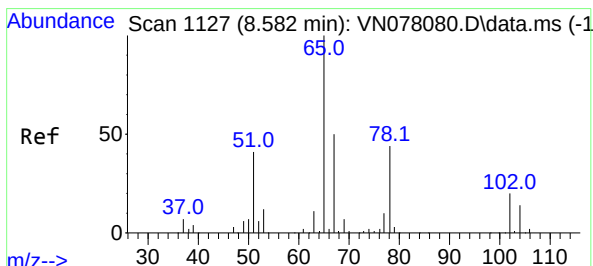
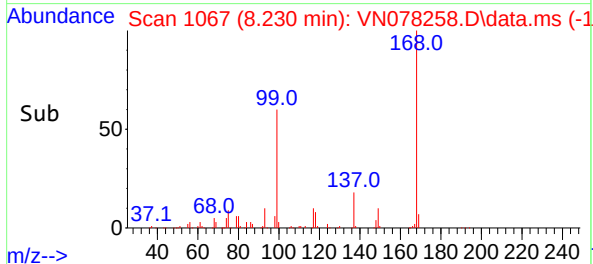
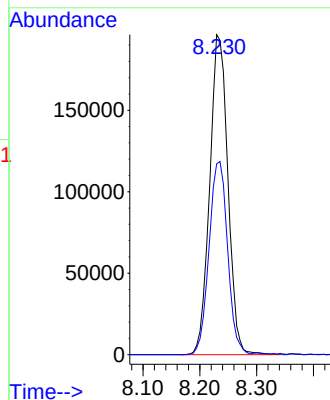
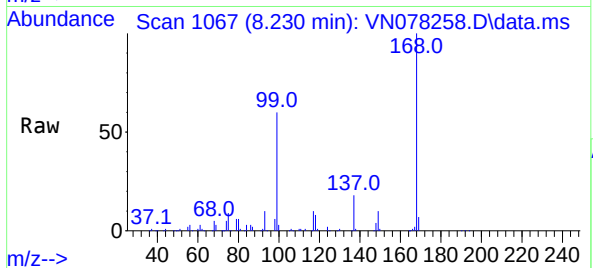
TB-01-061623

Tgt Ion:168 Resp: 436155

Ion Ratio Lower Upper

168 100

99 59.6 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 53.821 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078258.D

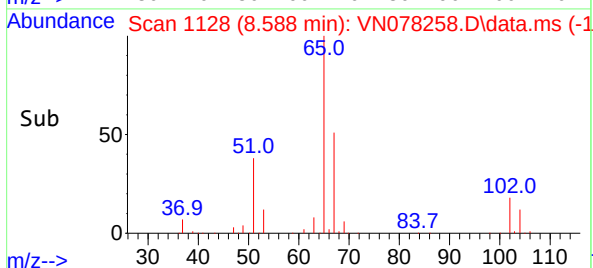
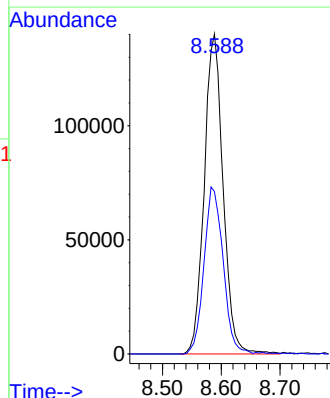
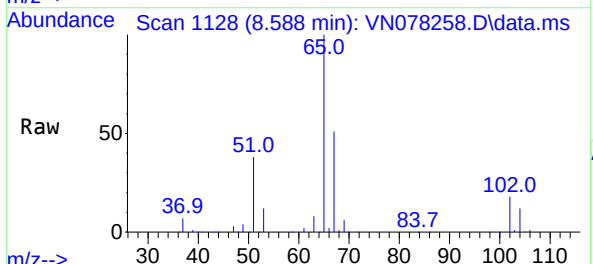
Acq: 16 Jun 2023 14:29

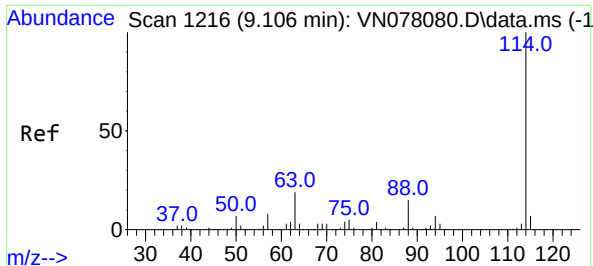
Tgt Ion: 65 Resp: 312987

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6

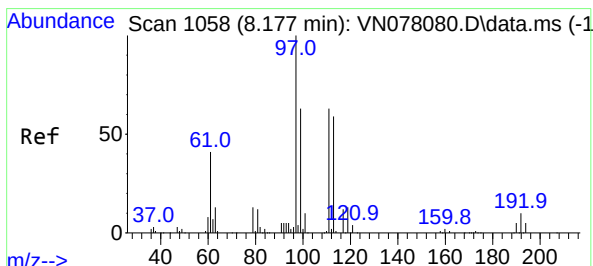
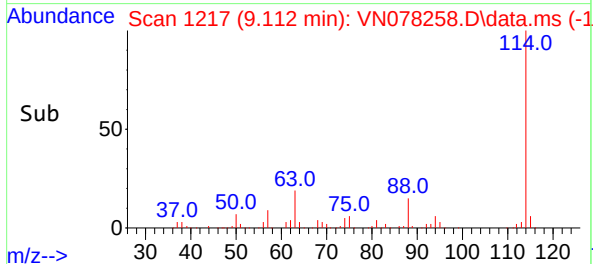
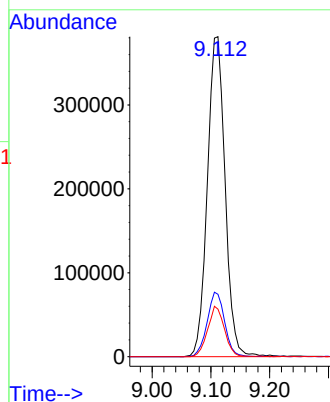
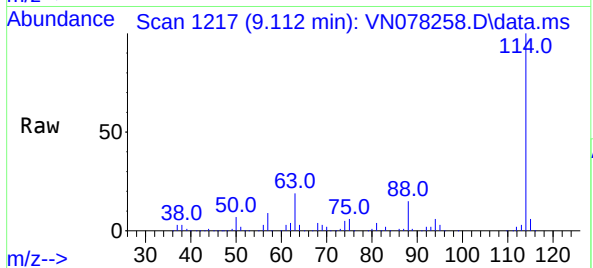




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078258.D
Acq: 16 Jun 2023 14:29

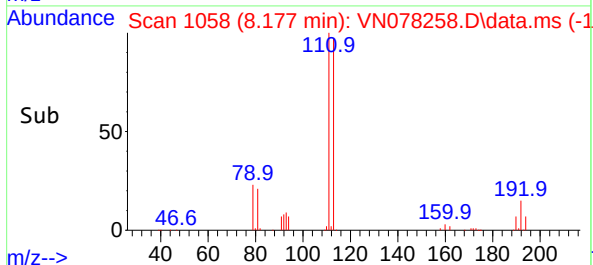
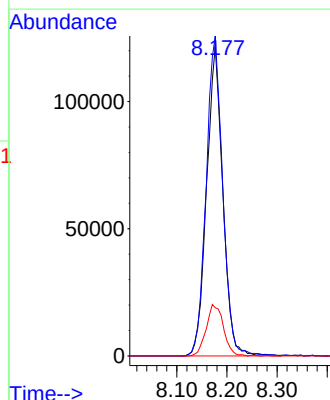
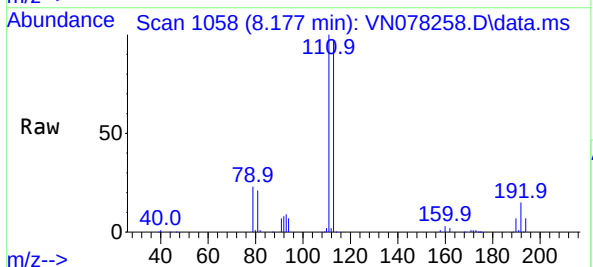
Instrument :
MSVOA_N
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TB-01-061623

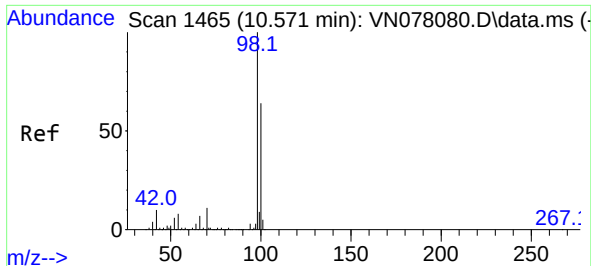
Tgt Ion:114 Resp: 799220
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.277 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078258.D
Acq: 16 Jun 2023 14:29

Tgt Ion:113 Resp: 274282
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 17.6 12.7 19.1

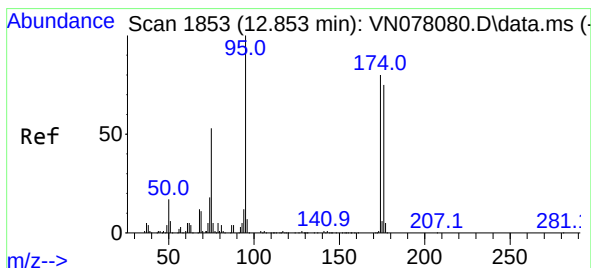
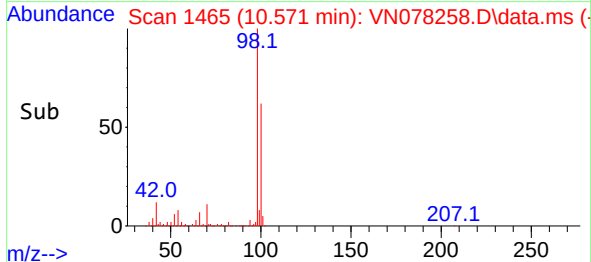
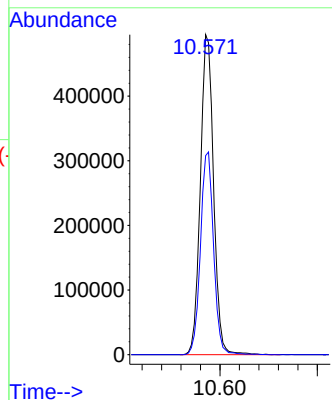
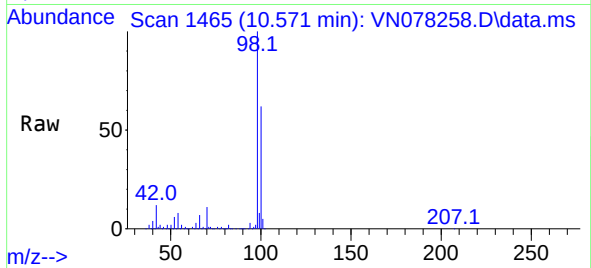




#50
Toluene-d8
Concen: 47.876 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078258.D
Acq: 16 Jun 2023 14:29

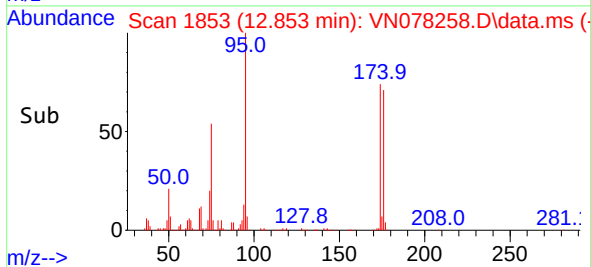
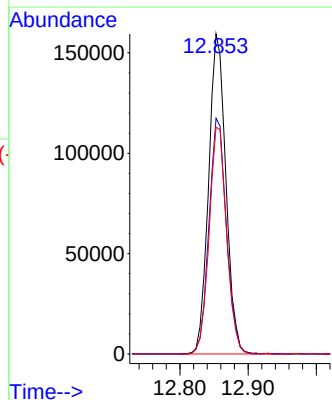
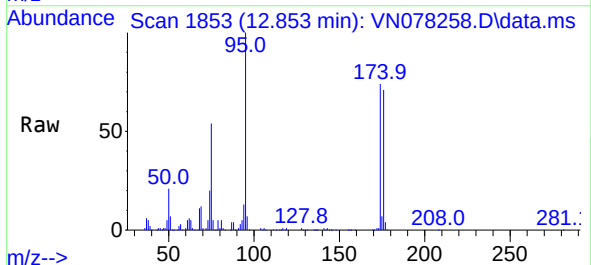
Instrument :
MSVOA_N
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TB-01-061623

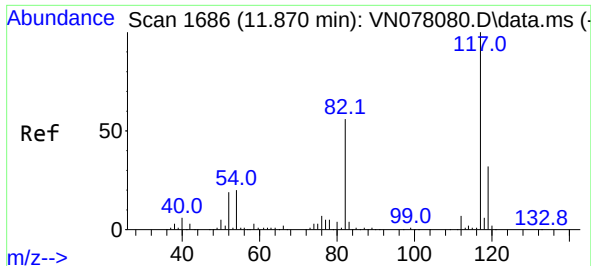
Tgt Ion: 98 Resp: 932679
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.342 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078258.D
Acq: 16 Jun 2023 14:29

Tgt Ion: 95 Resp: 280659
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 71.2 0.0 135.8

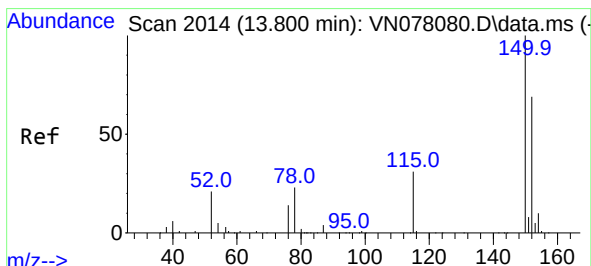
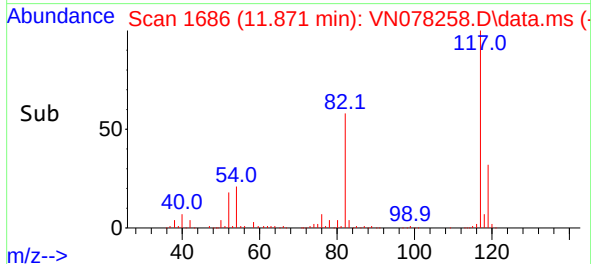
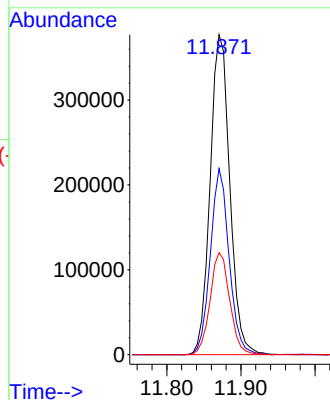
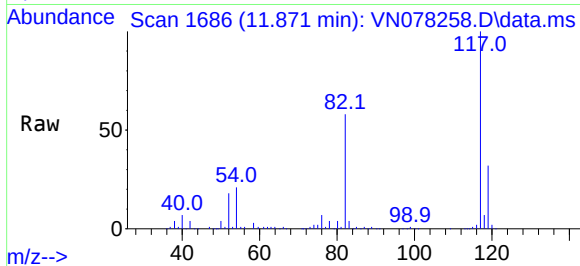




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078258.D
Acq: 16 Jun 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
TB-01-061623

Tgt Ion:117 Resp: 694567
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.9 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: VN078258.D
Acq: 16 Jun 2023 14:29

Tgt Ion:152 Resp: 204953
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 156.7 0.0 355.8

