

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078260.D
 Acq On : 16 Jun 2023 15:17
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 17 02:24:19 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	311821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	140539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	223369	53.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.460%
35) Dibromofluoromethane	8.177	113	194512	52.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.520%
50) Toluene-d8	10.571	98	707536	49.786	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.853	95	194689	44.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.140%

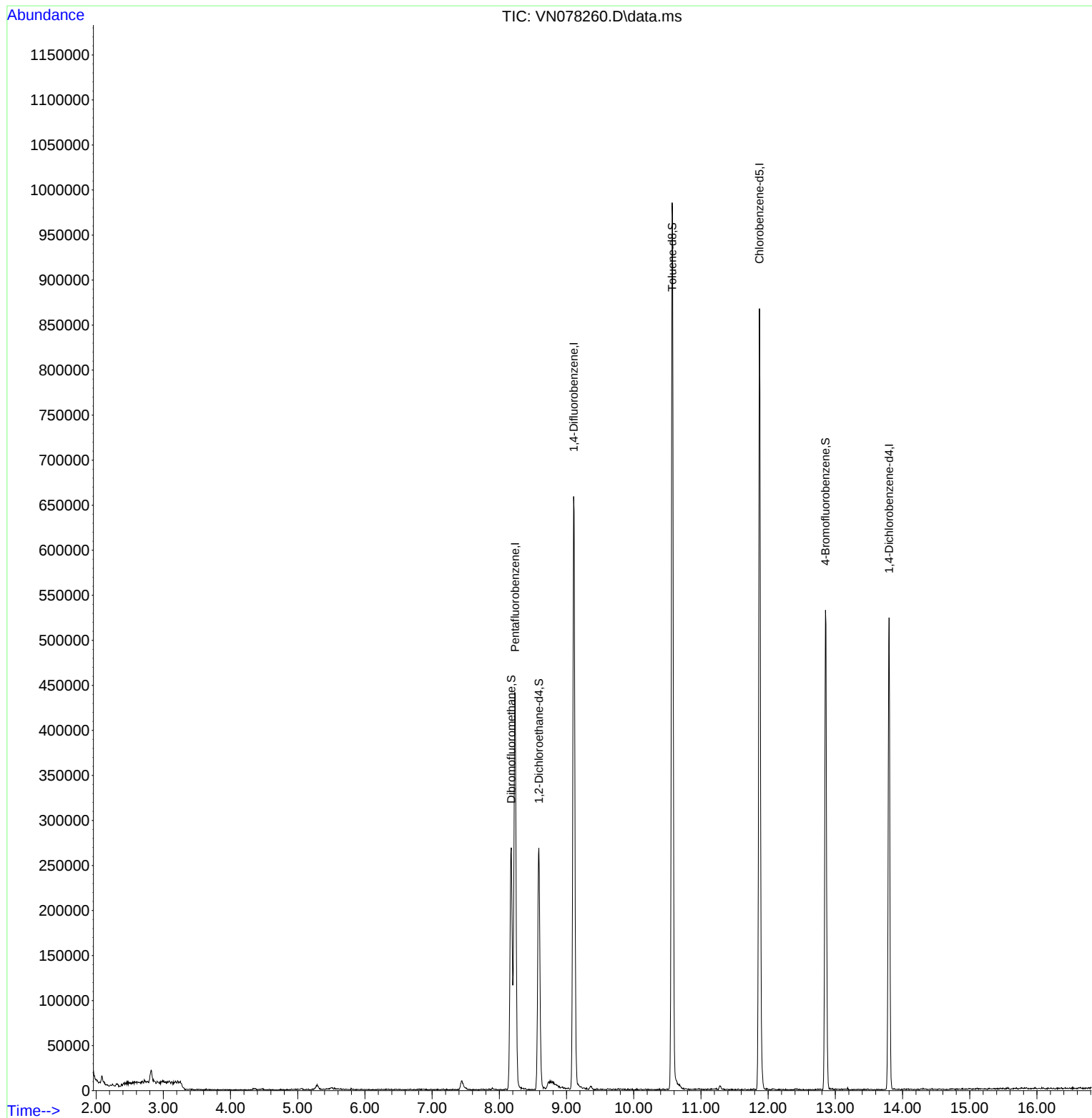
Target Compounds	Qvalue

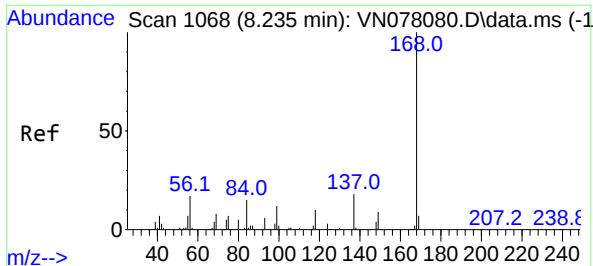
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.001 min

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MSVOA_N

ClientSampleId :

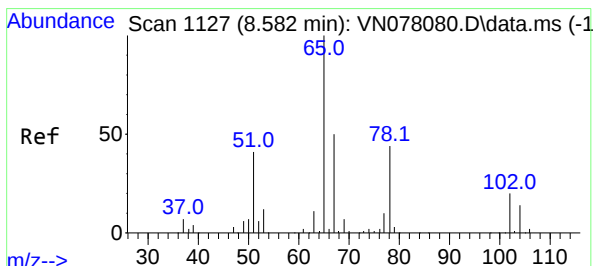
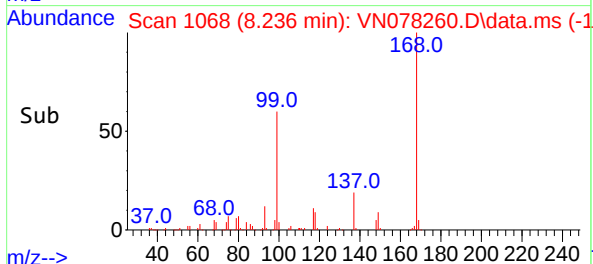
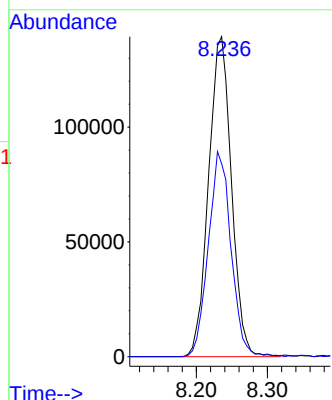
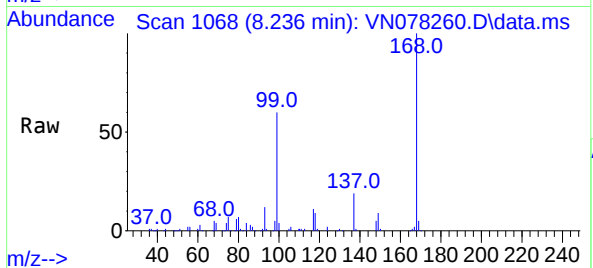
IBLK

Tgt Ion:168 Resp: 311821

Ion Ratio Lower Upper

168 100

99 60.3 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 53.726 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078260.D

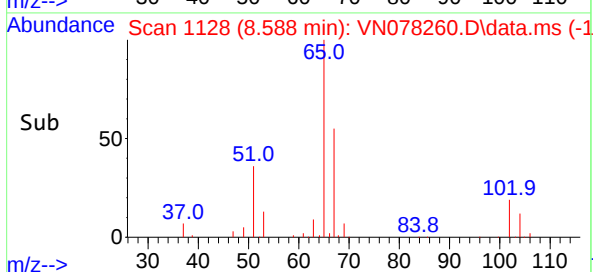
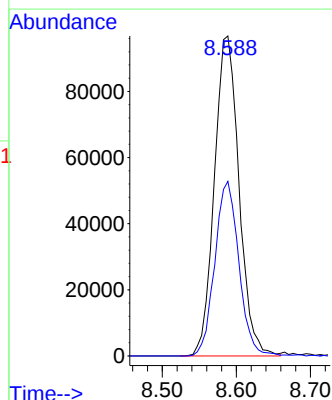
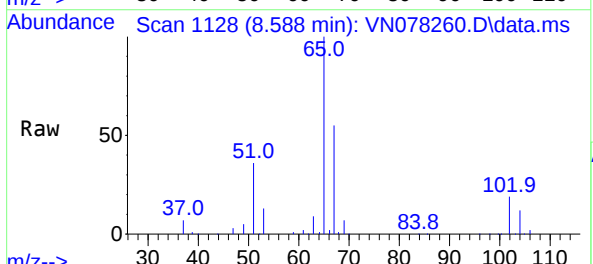
Acq: 16 Jun 2023 15:17

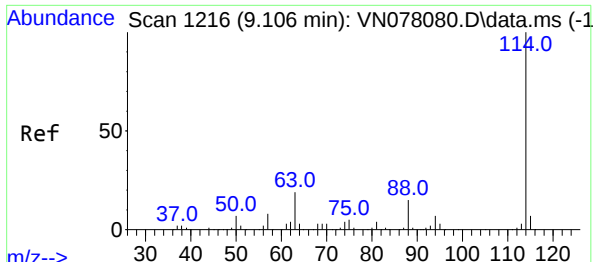
Tgt Ion: 65 Resp: 223369

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6

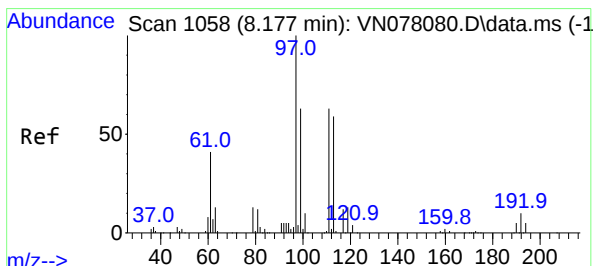
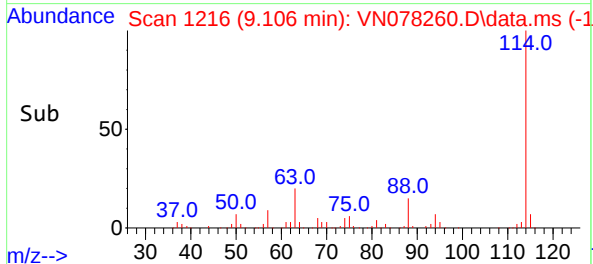
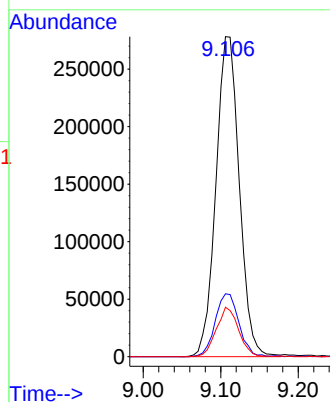
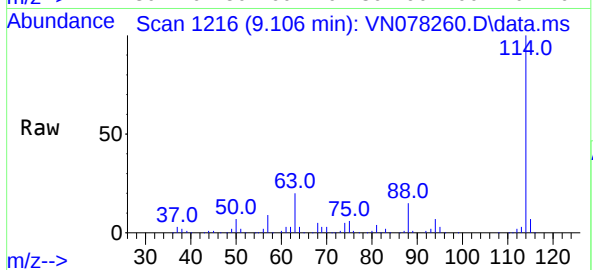




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078260.D
Acq: 16 Jun 2023 15:17

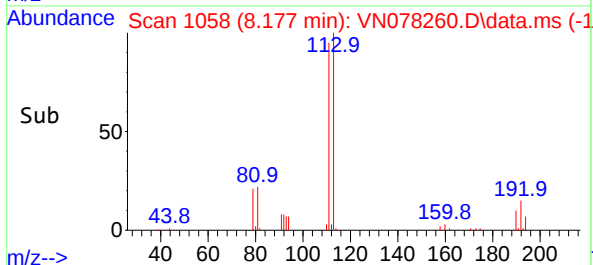
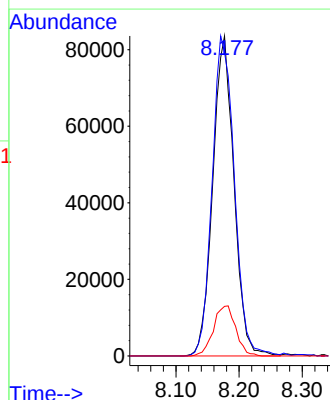
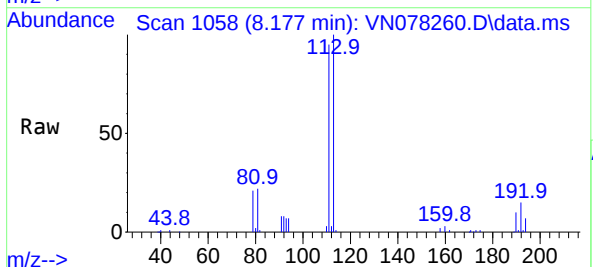
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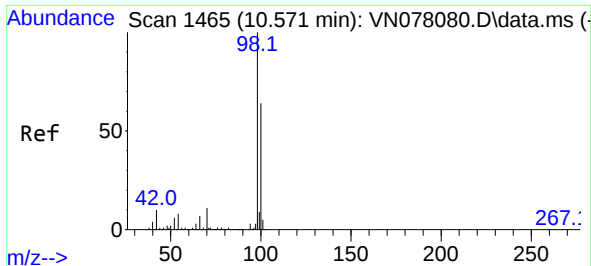
Tgt Ion:114 Resp: 583035
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.764 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078260.D
Acq: 16 Jun 2023 15:17

Tgt Ion:113 Resp: 194512
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 16.4 12.7 19.1

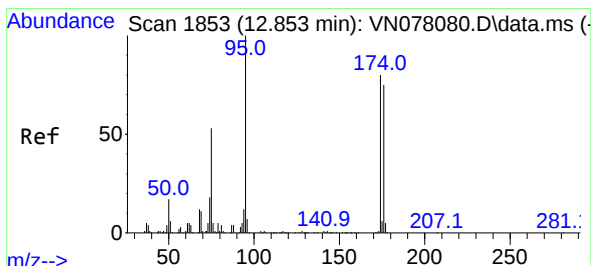
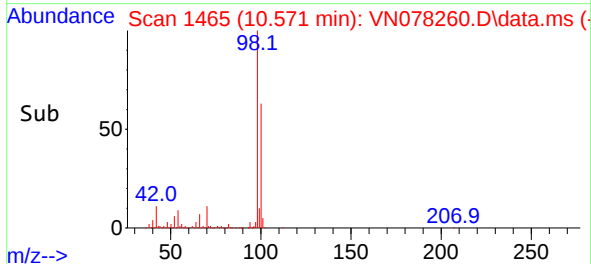
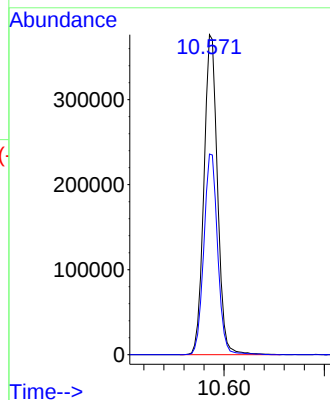
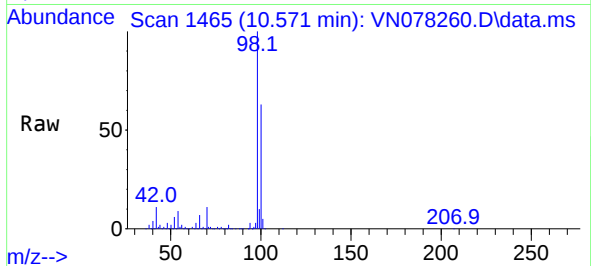




#50
Toluene-d8
Concen: 49.786 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078260.D
Acq: 16 Jun 2023 15:17

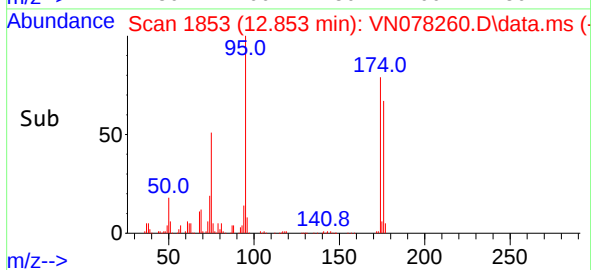
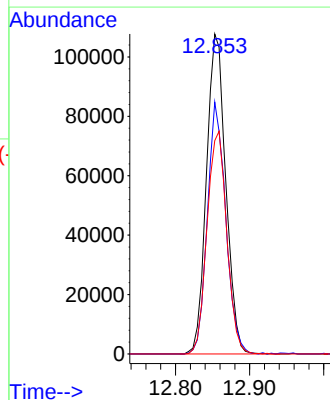
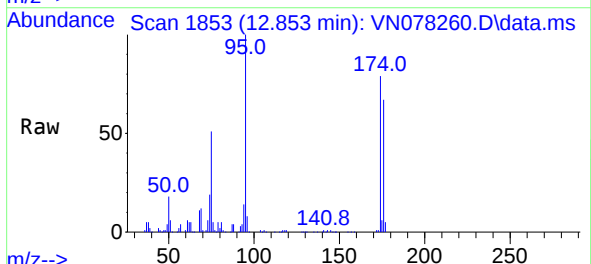
Instrument :
MSVOA_N
ClientSampleId :
IBLK

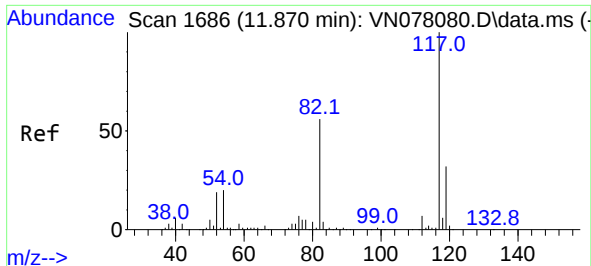
Tgt Ion: 98 Resp: 707536
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.067 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078260.D
Acq: 16 Jun 2023 15:17

Tgt Ion: 95 Resp: 194689
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.1 0.0 135.8

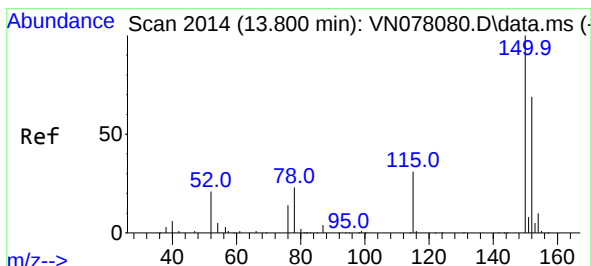
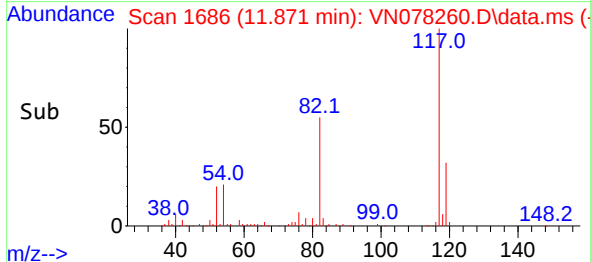
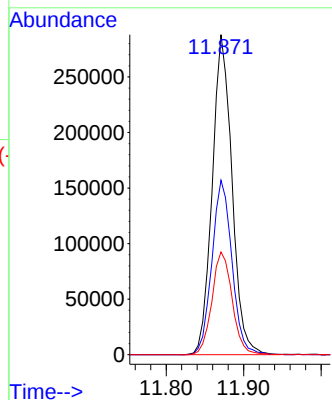
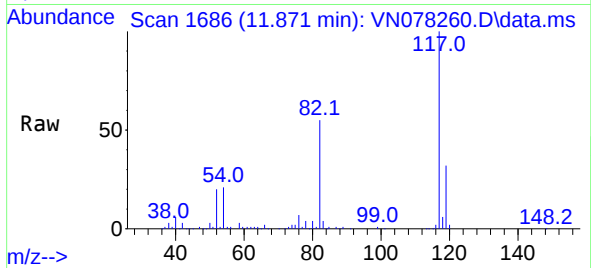




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078260.D
Acq: 16 Jun 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 510206
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 32.1 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: VN078260.D
Acq: 16 Jun 2023 15:17

Tgt Ion:152 Resp: 140539
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 157.9 0.0 355.8

