

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078257.D
 Acq On : 16 Jun 2023 14:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 17 02:23:11 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	322334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	589890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	534171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	145740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232650	54.134	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.260%
35) Dibromofluoromethane	8.177	113	200499	53.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.520%
50) Toluene-d8	10.571	98	741267	51.553	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.853	95	202050	45.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%

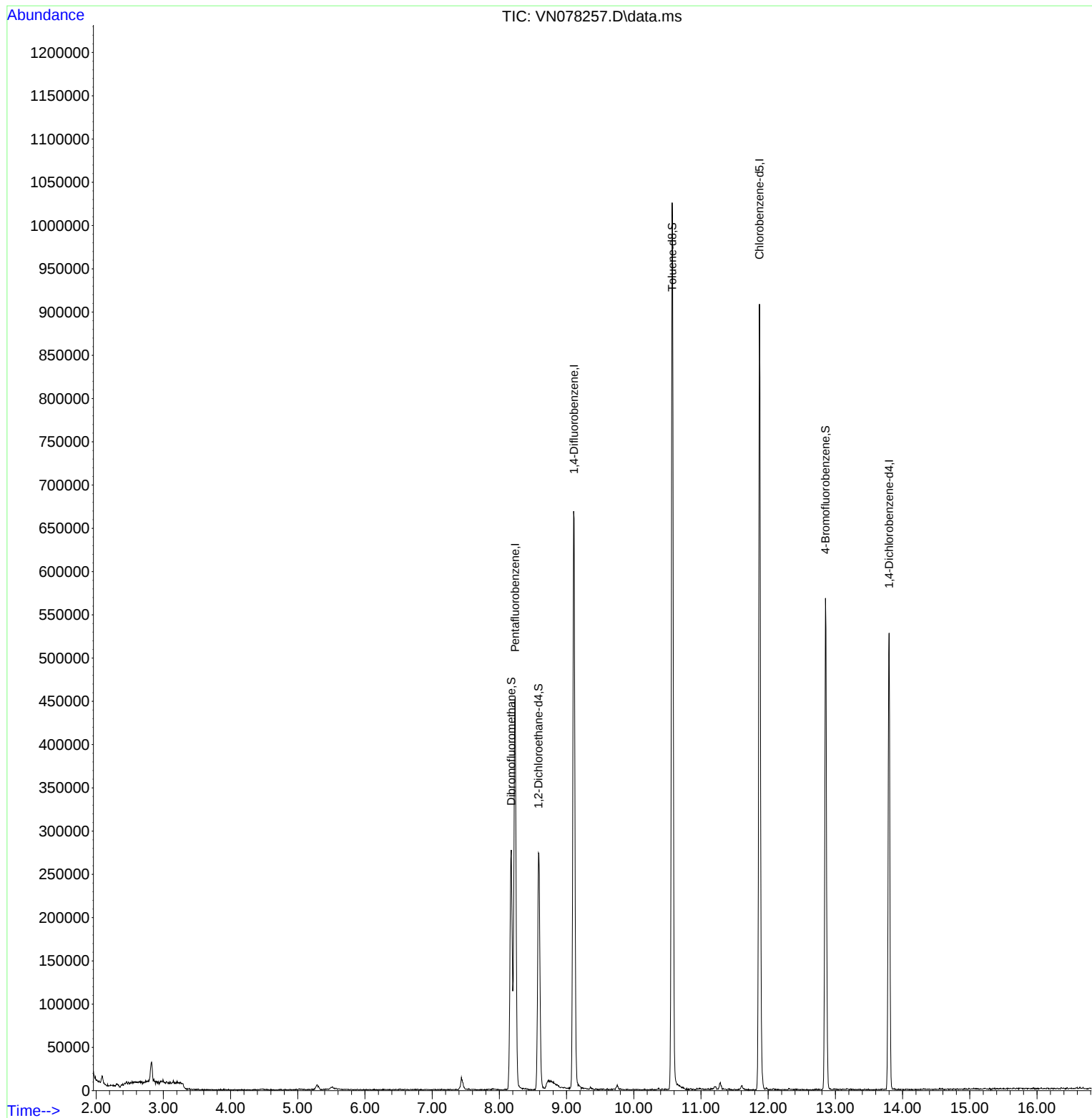
Target Compounds	Qvalue

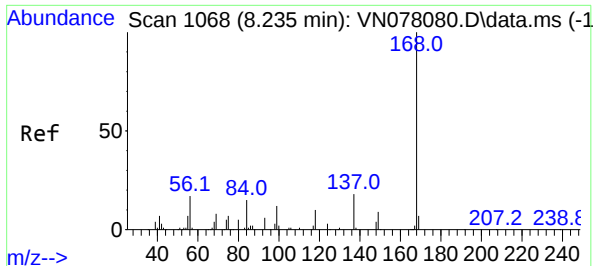
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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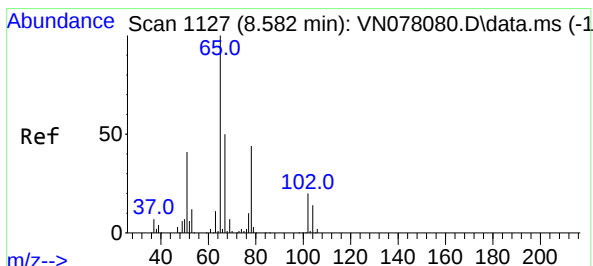
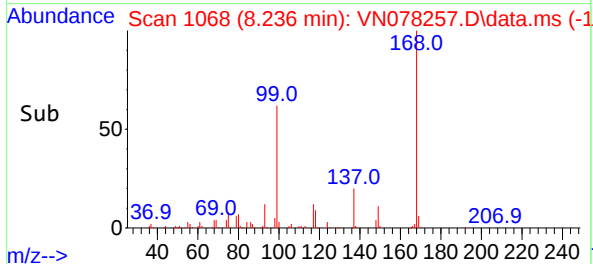
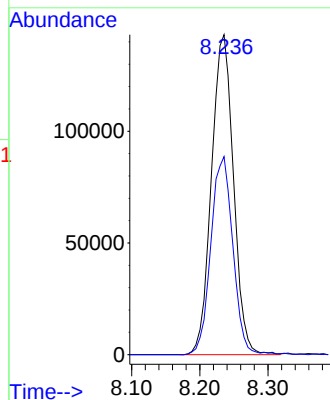
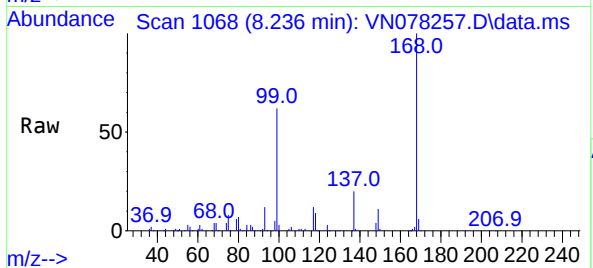




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

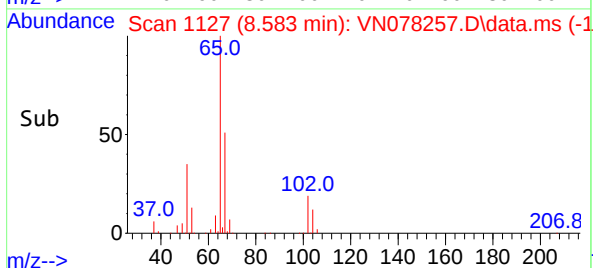
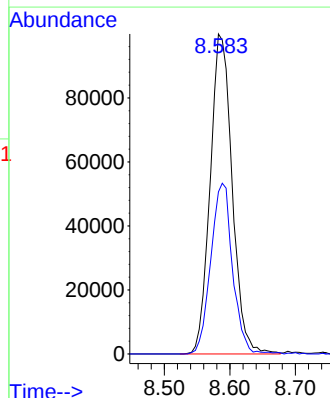
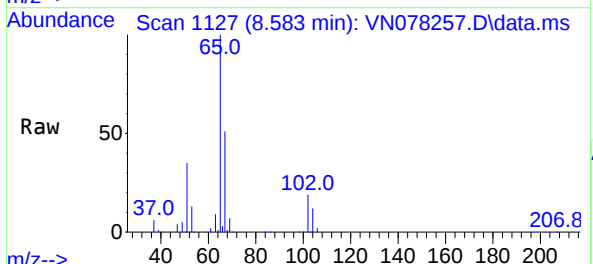
Instrument :
MSVOA_N
ClientSampleId :
IBLK

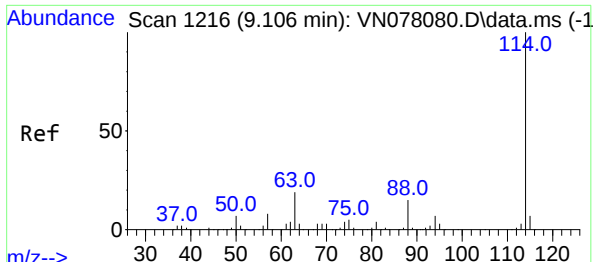
Tgt Ion:168 Resp: 322334
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.134 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Tgt Ion: 65 Resp: 232650
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6

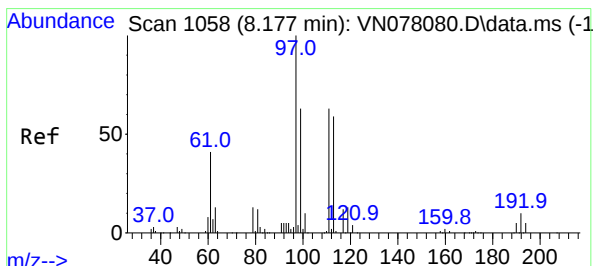
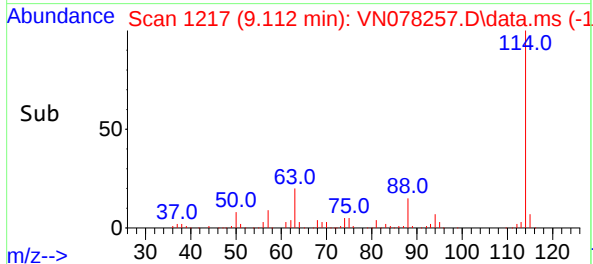
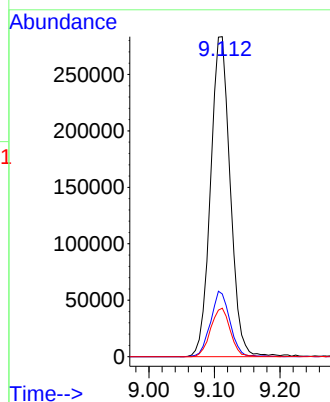
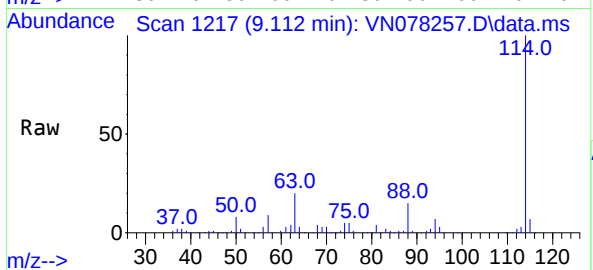




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

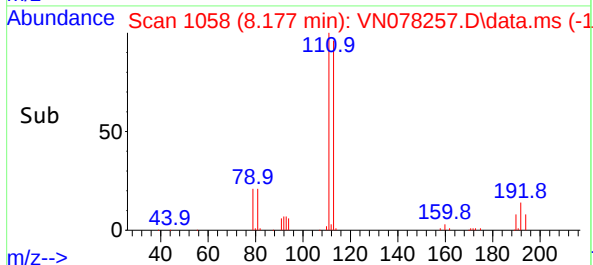
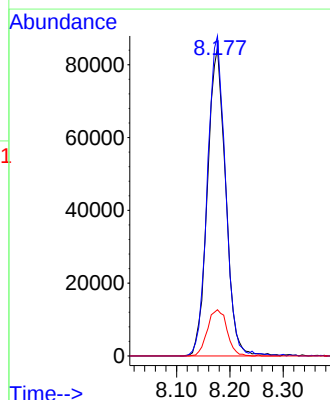
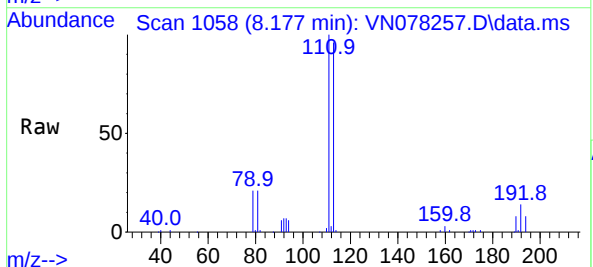
Instrument :
MSVOA_N
ClientSampleId :
IBLK

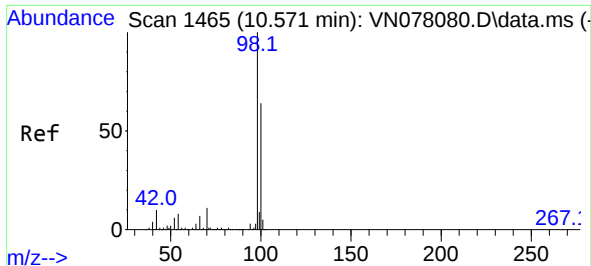
Tgt Ion:114 Resp: 589890
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.756 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Tgt Ion:113 Resp: 200499
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.1 12.7 19.1

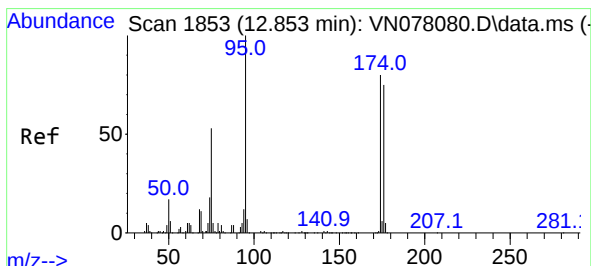
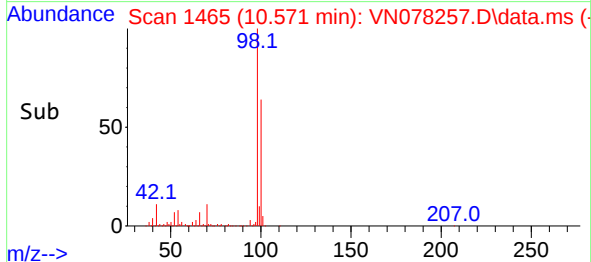
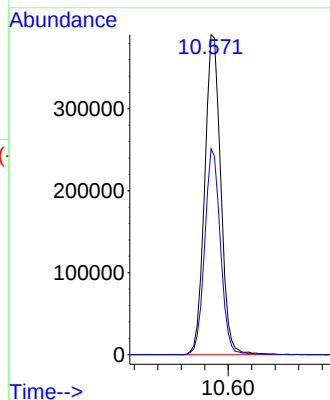
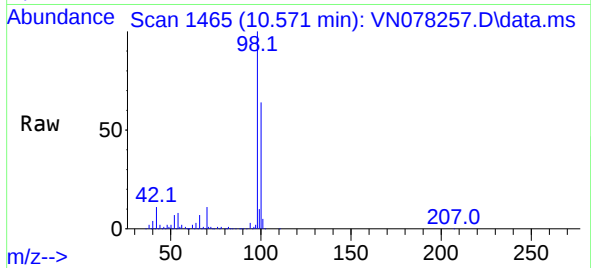




#50
Toluene-d8
Concen: 51.553 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

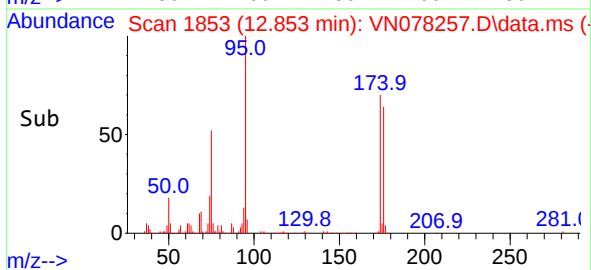
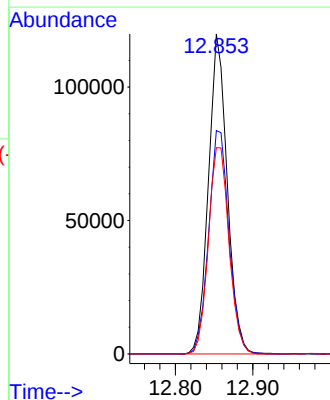
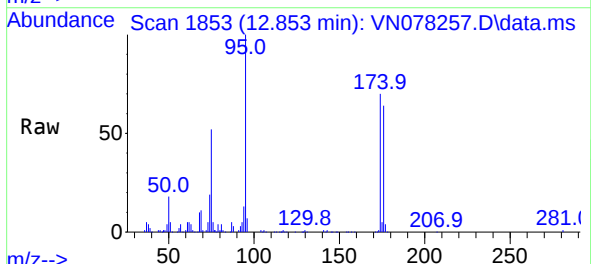
Instrument :
MSVOA_N
ClientSampleId :
IBLK

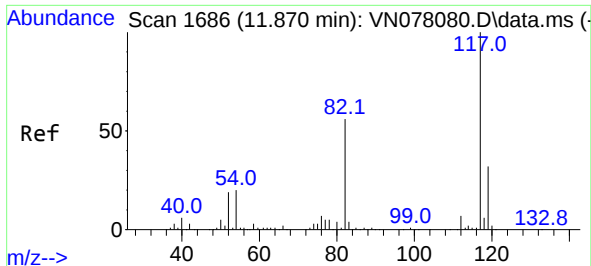
Tgt Ion: 98 Resp: 741267
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.201 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Tgt Ion: 95 Resp: 202050
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 70.8 0.0 135.8

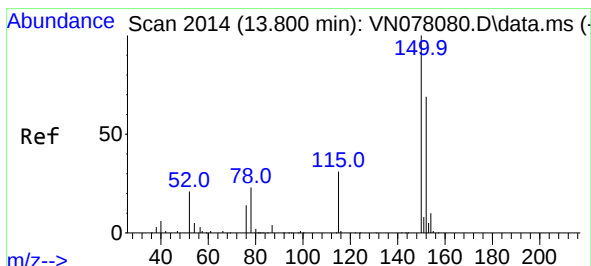
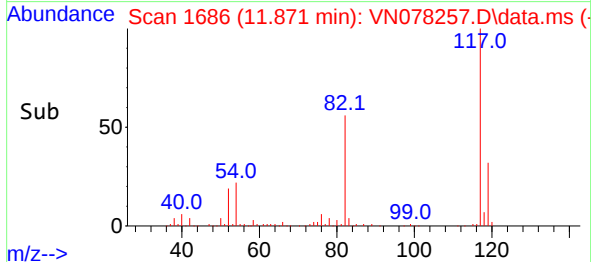
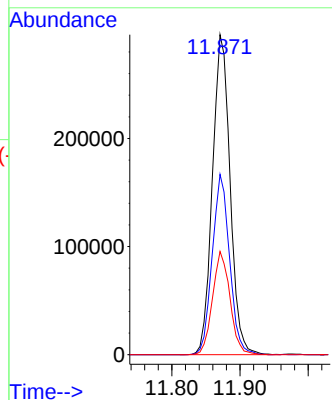
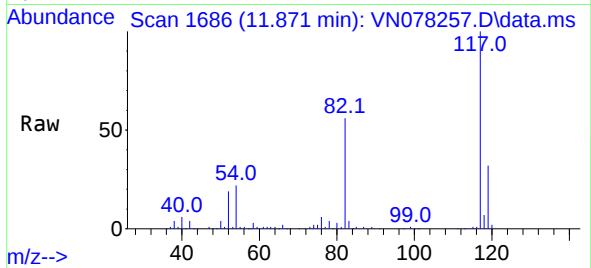




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078257.D
Acq: 16 Jun 2023 14:05

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 534171
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.3 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: VN078257.D
Acq: 16 Jun 2023 14:05

Tgt Ion:152 Resp: 145740
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 155.7 0.0 355.8

