

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076879.D
 Acq On : 08 Mar 2023 12:20
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 09 03:21:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	529180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	903237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	776548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	286226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	353535	47.651	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.300%
35) Dibromofluoromethane	8.172	113	277716	49.149	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.572	98	1080135	49.617	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.854	95	338245	44.840	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.680%

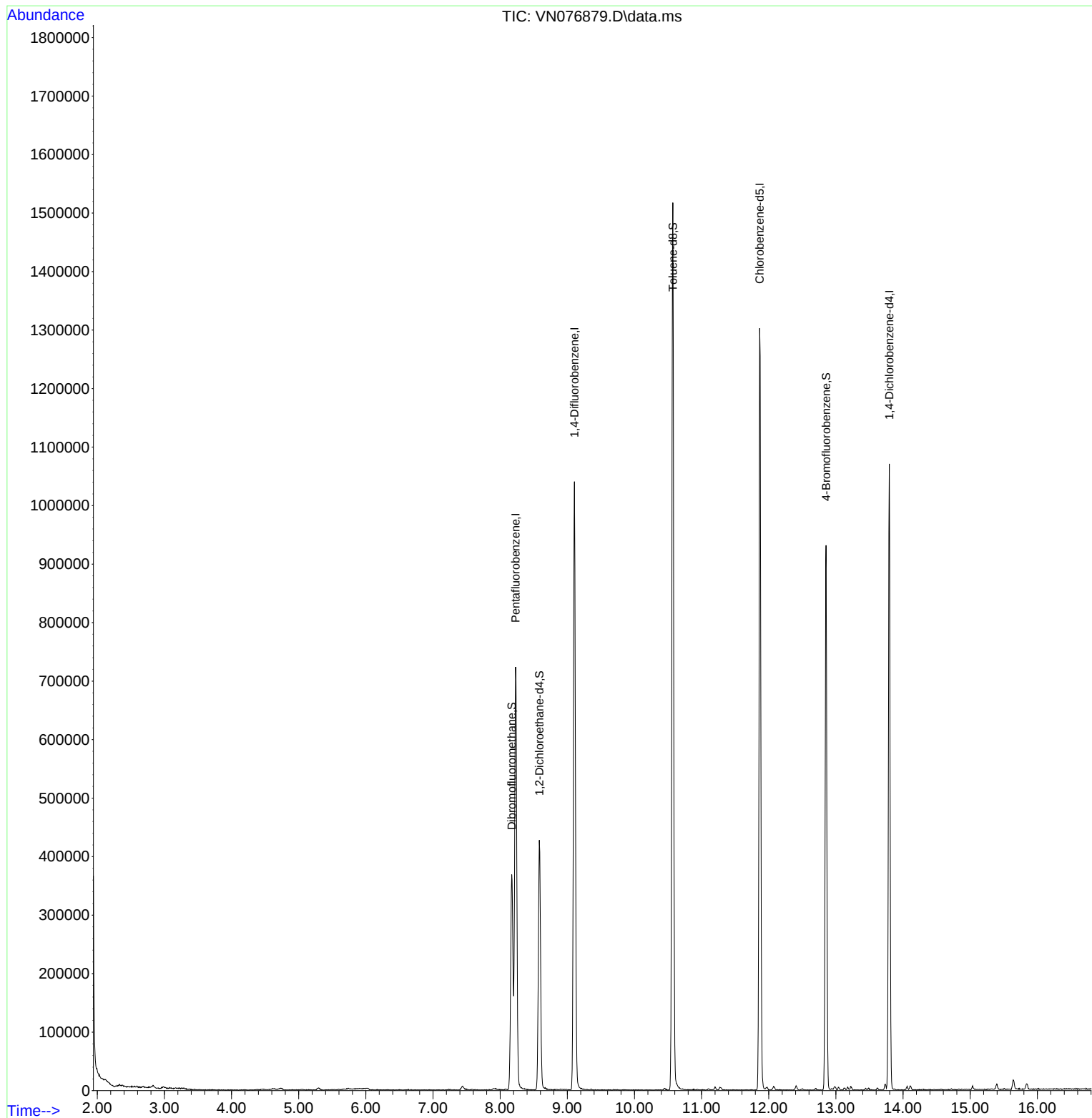
Target Compounds	Qvalue

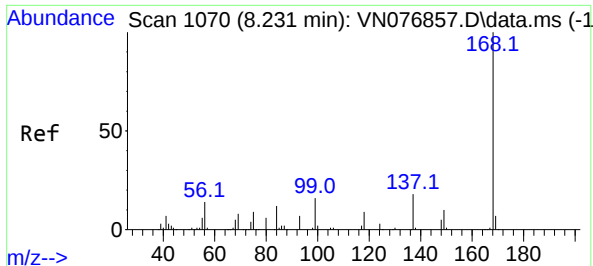
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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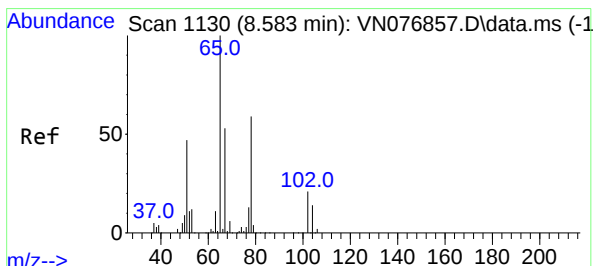
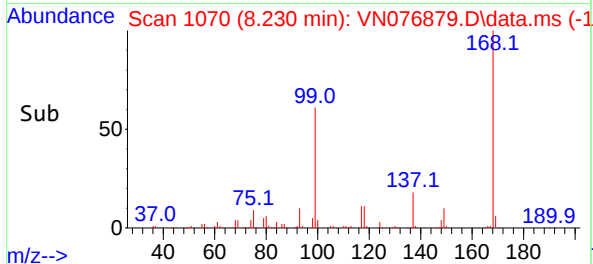
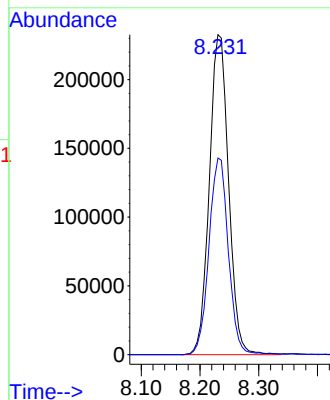
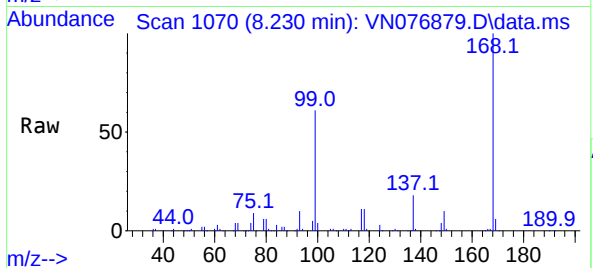




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076879.D
Acq: 08 Mar 2023 12:20

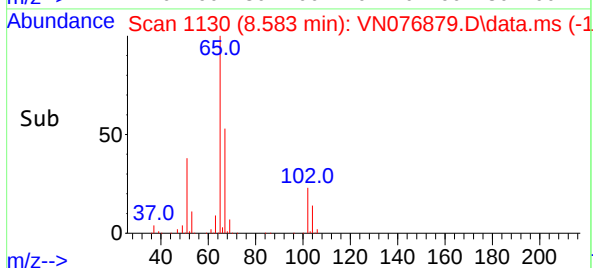
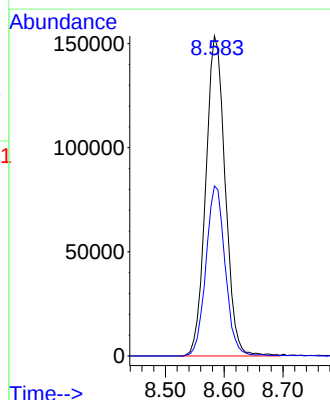
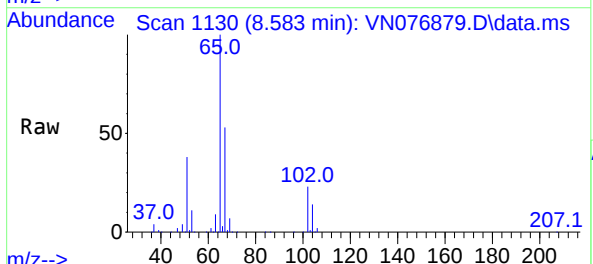
Instrument :
MSVOA_N
ClientSampleId :
IBLK

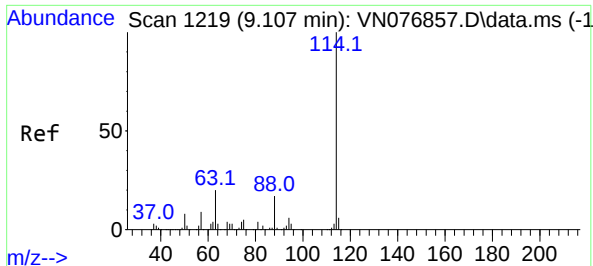
Tgt Ion:168 Resp: 529180
Ion Ratio Lower Upper
168 100
99 61.5 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 47.651 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076879.D
Acq: 08 Mar 2023 12:20

Tgt Ion: 65 Resp: 353535
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076879.D

Acq: 08 Mar 2023 12:20

Instrument :

MSVOA_N

ClientSampleId :

IBLK

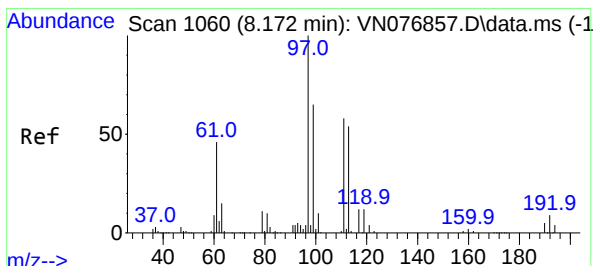
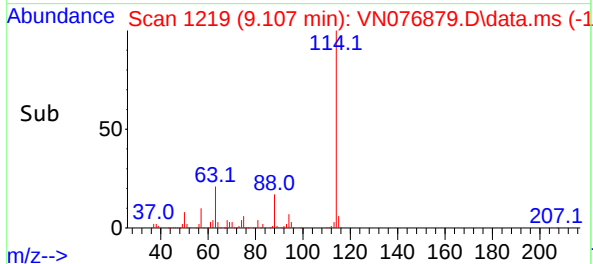
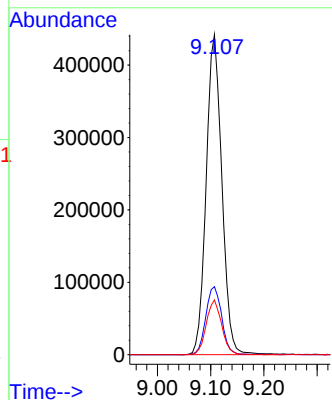
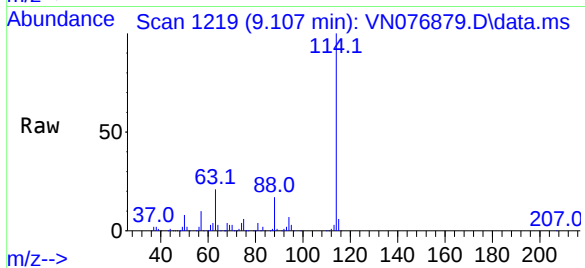
Tgt Ion:114 Resp: 903237

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 17.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 49.149 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076879.D

Acq: 08 Mar 2023 12:20

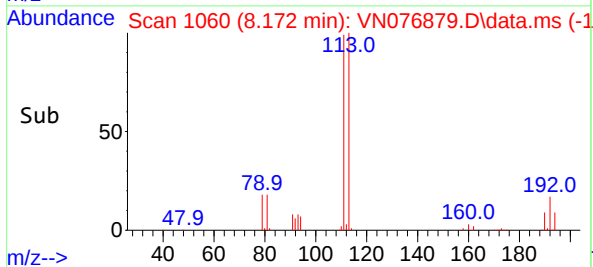
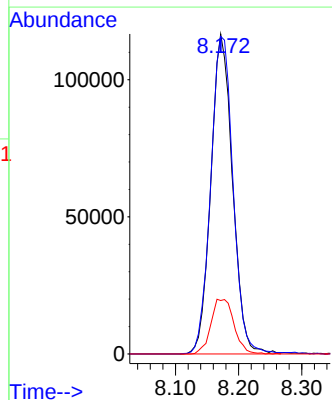
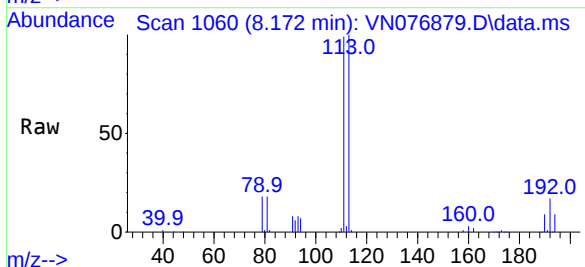
Tgt Ion:113 Resp: 277716

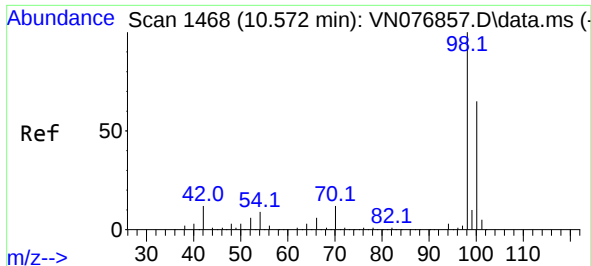
Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 18.2 13.9 20.9

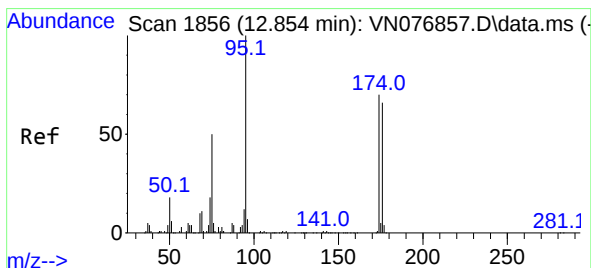
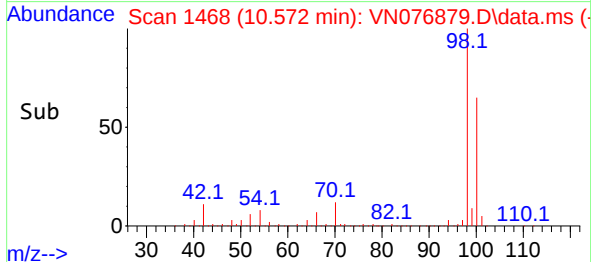
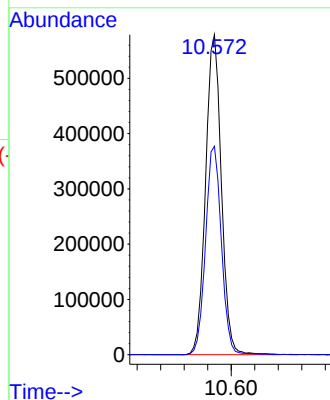
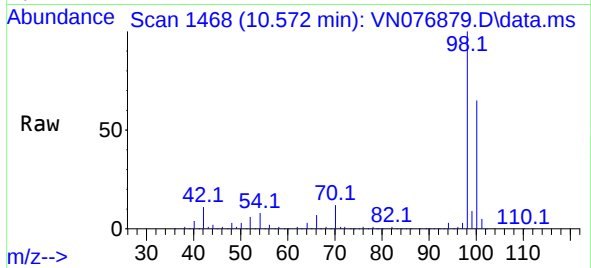




#50
Toluene-d8
Concen: 49.617 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076879.D
Acq: 08 Mar 2023 12:20

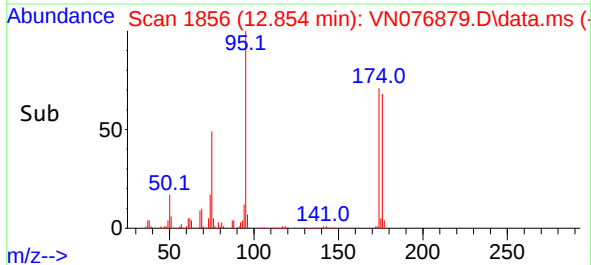
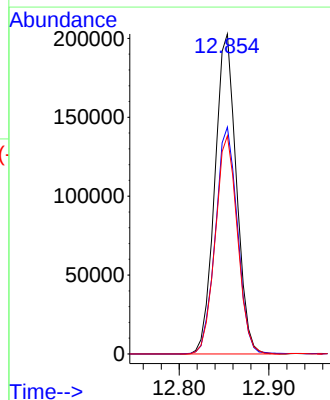
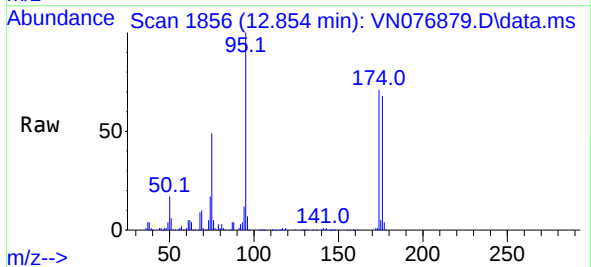
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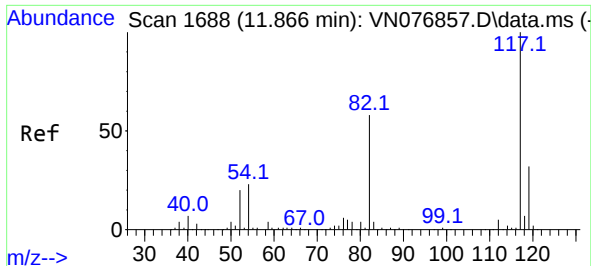
Tgt Ion: 98 Resp: 1080135
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.840 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076879.D
Acq: 08 Mar 2023 12:20

Tgt Ion: 95 Resp: 338245
Ion Ratio Lower Upper
95 100
174 72.6 0.0 162.4
176 69.8 0.0 157.4

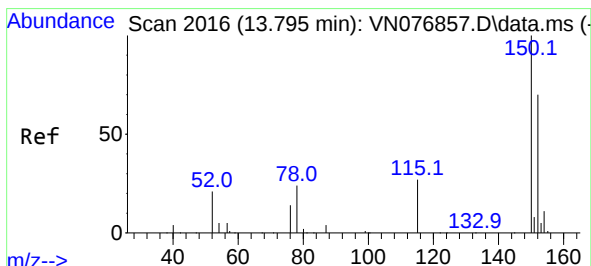
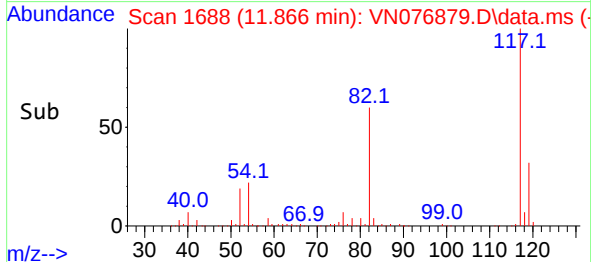
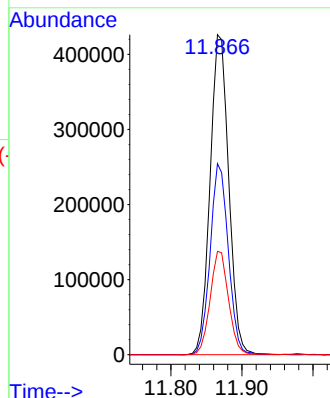
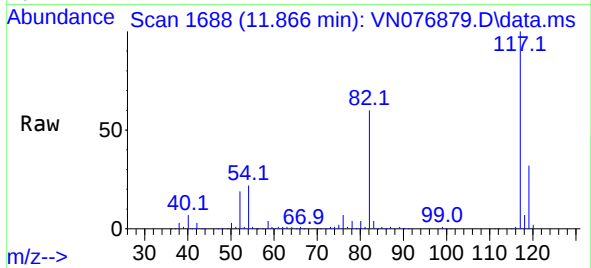




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076879.D
Acq: 08 Mar 2023 12:20

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 776548
Ion Ratio Lower Upper
117 100
82 59.7 43.5 65.3
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076879.D
Acq: 08 Mar 2023 12:20

Tgt Ion:152 Resp: 286226
Ion Ratio Lower Upper
152 100
115 63.3 30.3 90.9
150 158.8 0.0 353.6

