

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080135.D
 Acq On : 16 Nov 2023 14:21
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 17 01:22:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	156838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	293872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140625	54.303	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.600%	
35) Dibromofluoromethane	8.171	113	109762	52.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.560%	
50) Toluene-d8	10.571	98	377009	49.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.853	95	141719	49.573	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.140%	

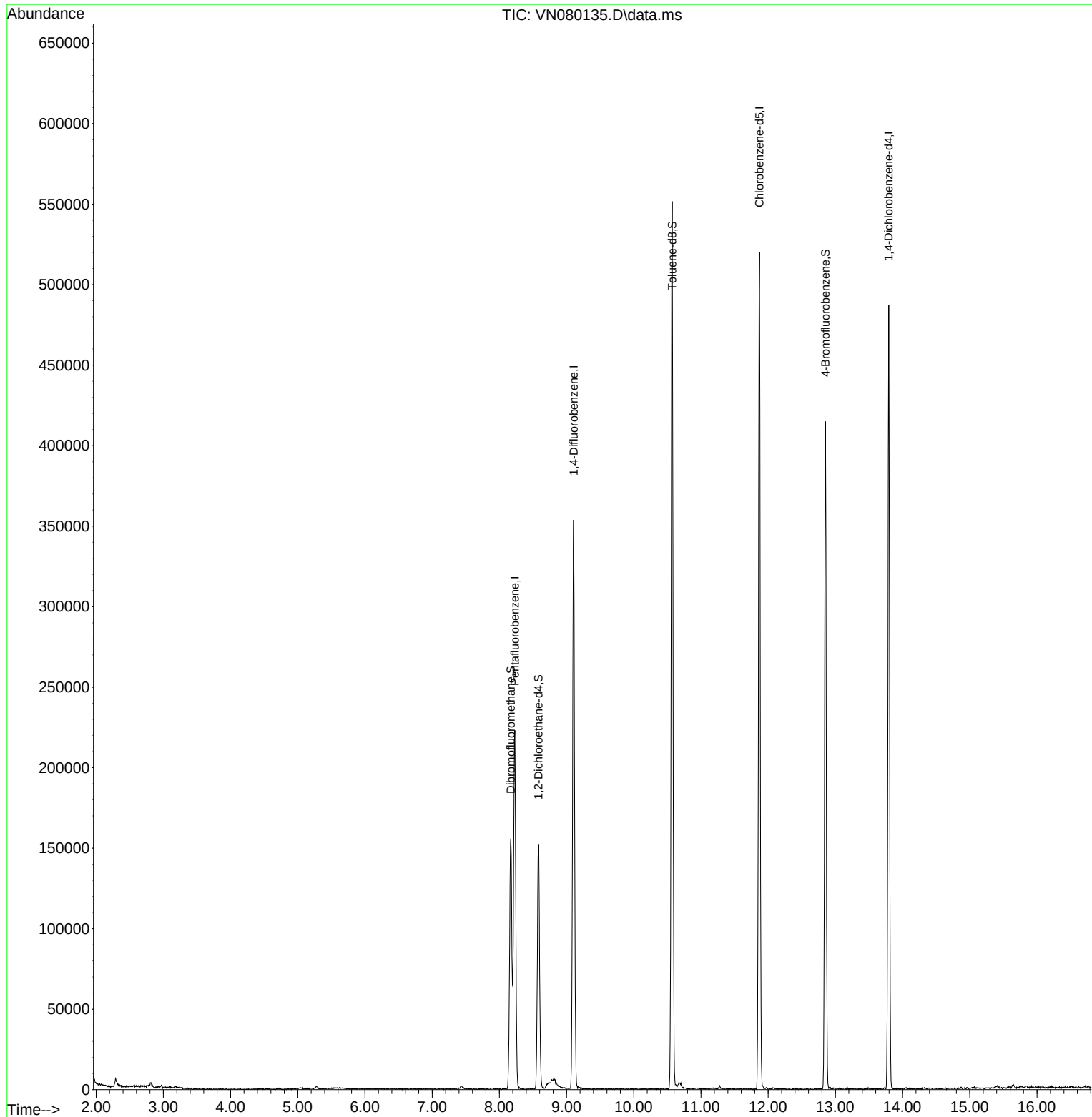
Target Compounds	Qvalue

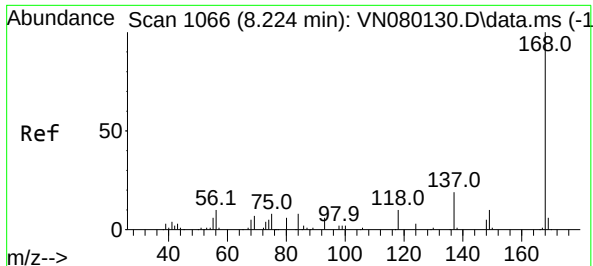
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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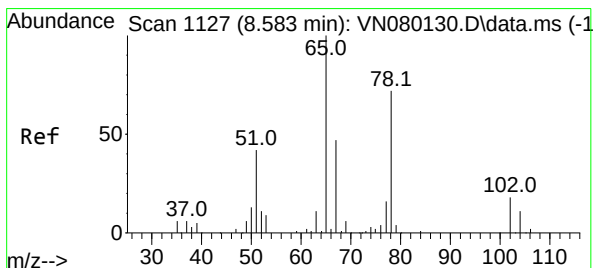
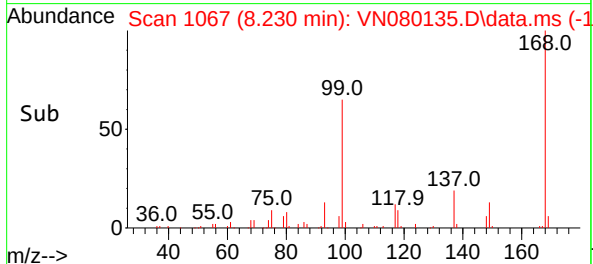
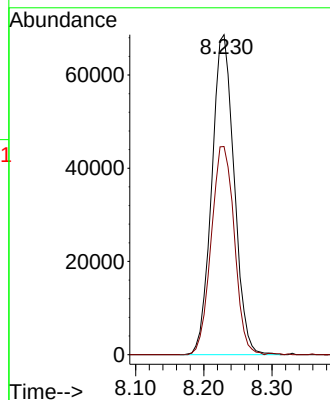
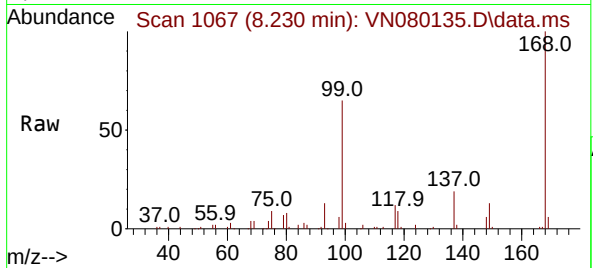




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080135.D
Acq: 16 Nov 2023 14:21

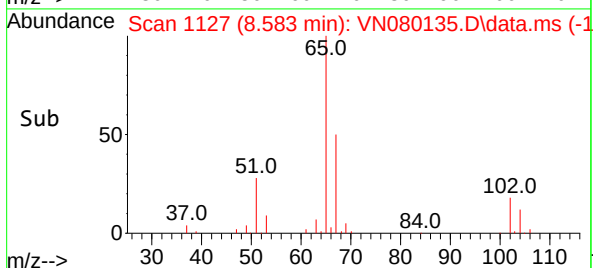
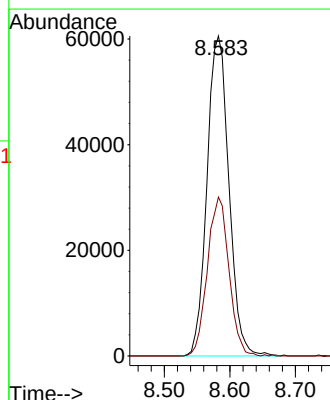
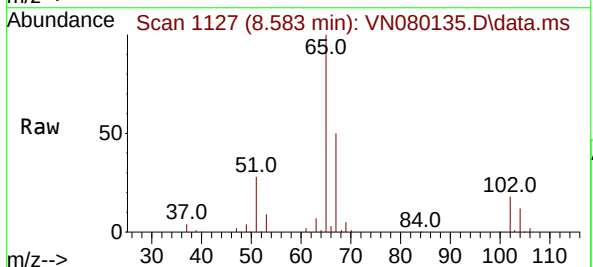
Instrument :
MSVOA_N
ClientSampleId :
IBLK

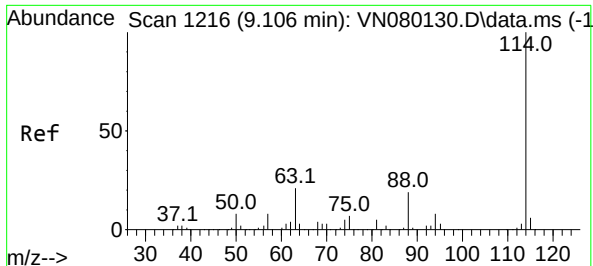
Tgt Ion:168 Resp: 156838
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.303 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080135.D
Acq: 16 Nov 2023 14:21

Tgt Ion: 65 Resp: 140625
Ion Ratio Lower Upper
65 100
67 48.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080135.D

Acq: 16 Nov 2023 14:21

Instrument :

MSVOA_N

ClientSampleId :

IBLK

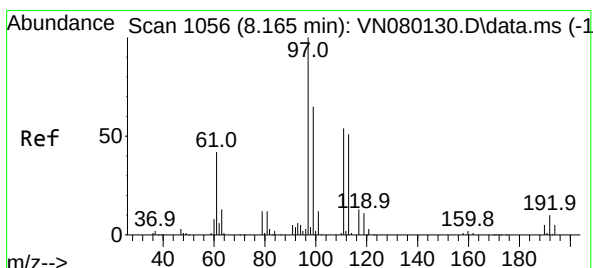
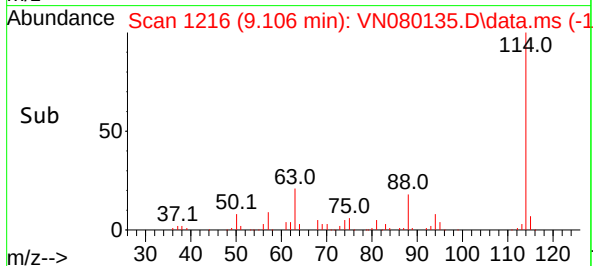
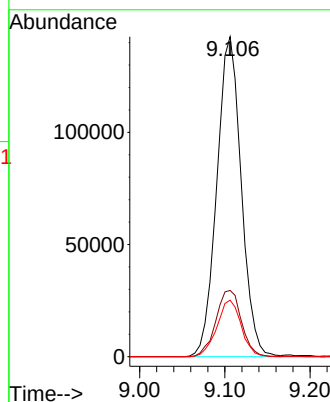
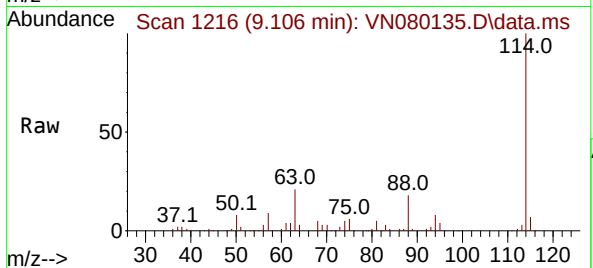
Tgt Ion:114 Resp: 284546

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.278 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080135.D

Acq: 16 Nov 2023 14:21

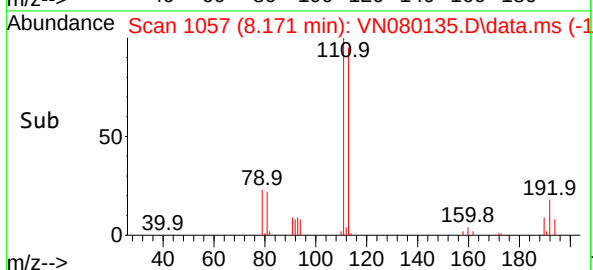
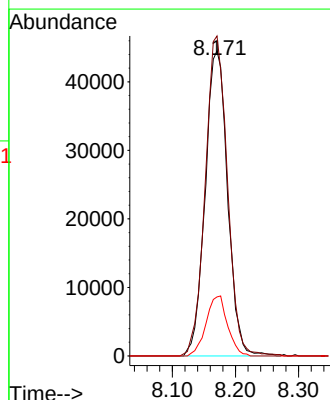
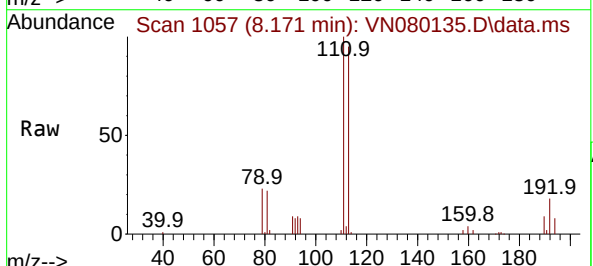
Tgt Ion:113 Resp: 109762

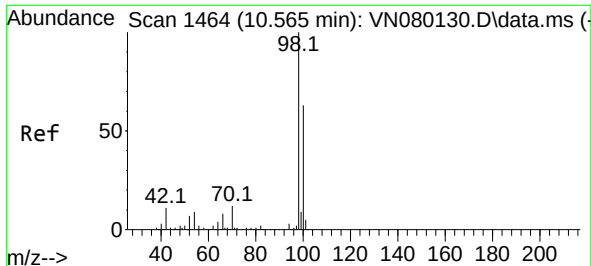
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 18.8 12.7 19.1

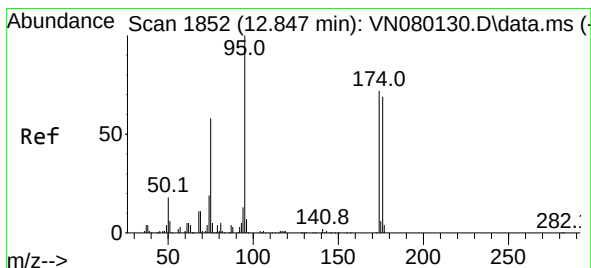
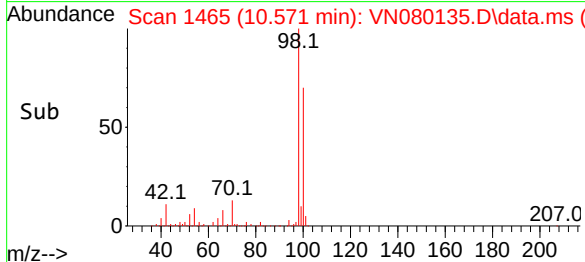
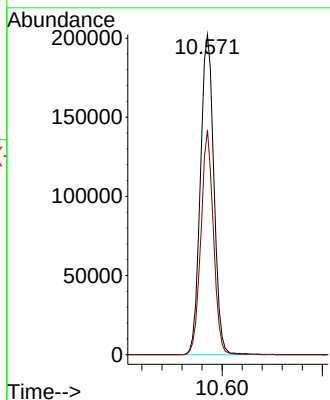
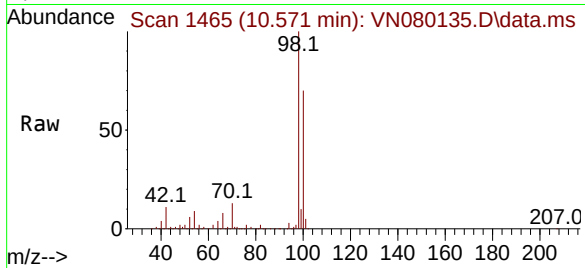




#50
Toluene-d8
Concen: 49.813 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080135.D
Acq: 16 Nov 2023 14:21

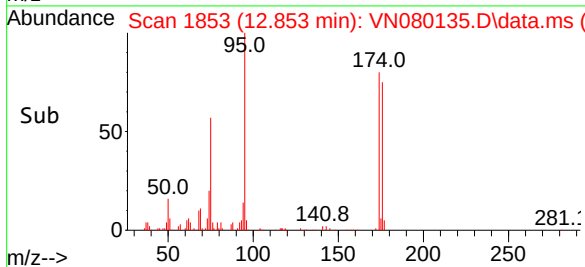
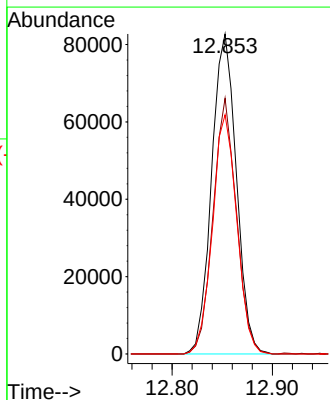
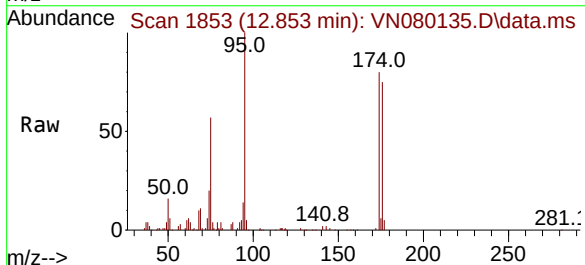
Instrument :
MSVOA_N
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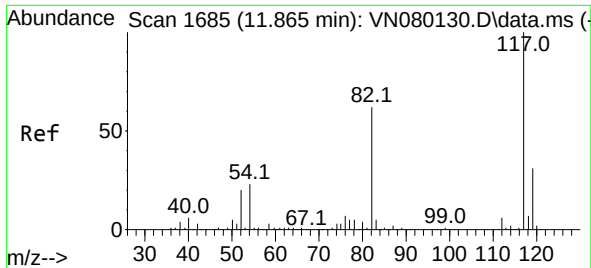
Tgt Ion: 98 Resp: 377009
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.573 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080135.D
Acq: 16 Nov 2023 14:21

Tgt Ion: 95 Resp: 141719
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 73.5 0.0 135.8

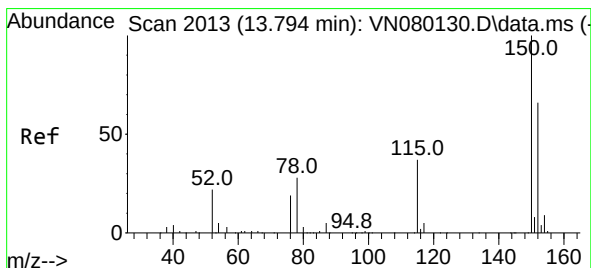
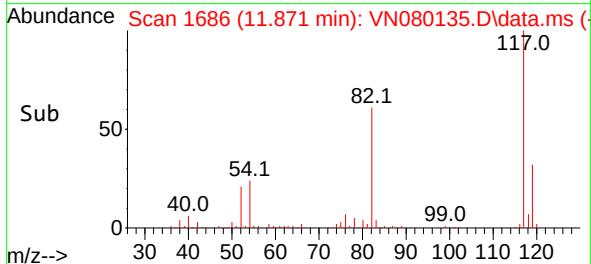
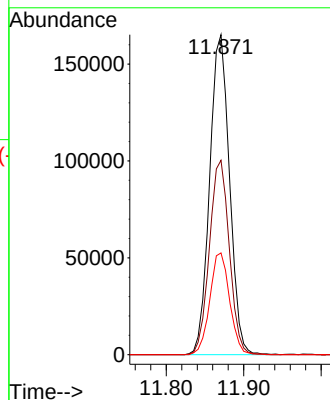
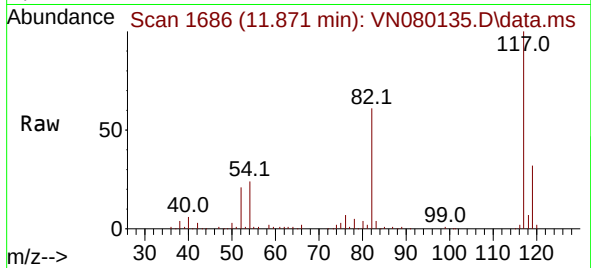




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080135.D
Acq: 16 Nov 2023 14:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 293872
Ion Ratio Lower Upper
117 100
82 60.7 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080135.D
Acq: 16 Nov 2023 14:21

Tgt Ion:152 Resp: 124957
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 158.6 0.0 355.8

