

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082653.D
 Acq On : 19 Jun 2024 20:07
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 20 03:06:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	127270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	237241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117301	57.474	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.940%
35) Dibromofluoromethane	8.171	113	87436	54.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.120%
50) Toluene-d8	10.571	98	310131	50.703	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.853	95	100365	47.594	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.180%

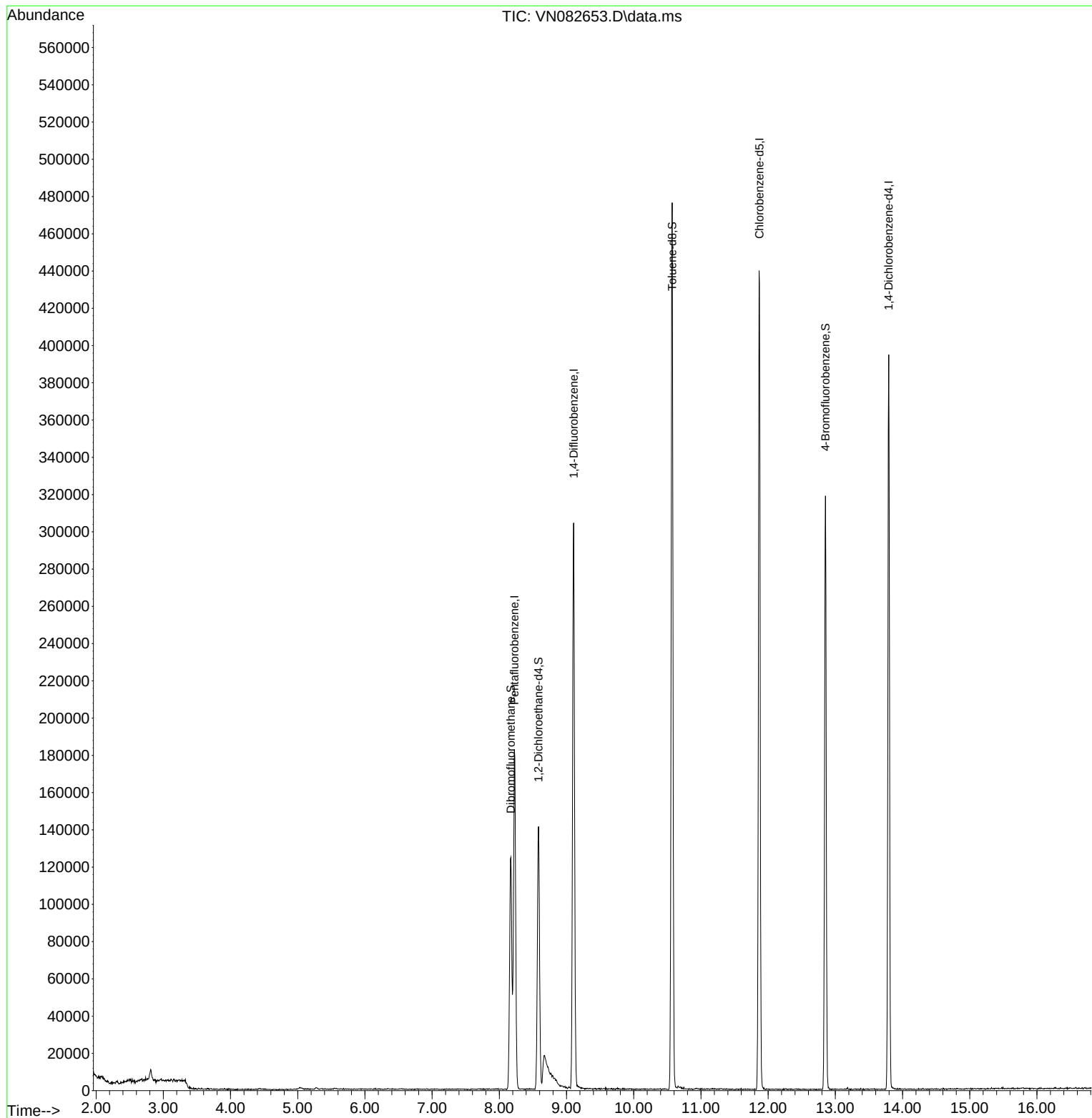
Target Compounds	Qvalue

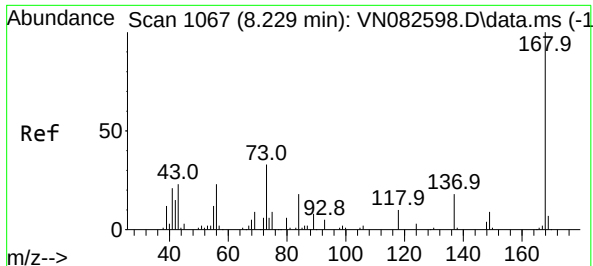
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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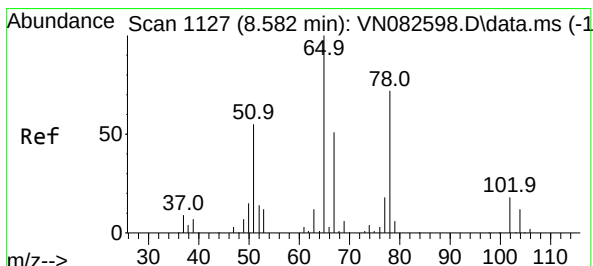
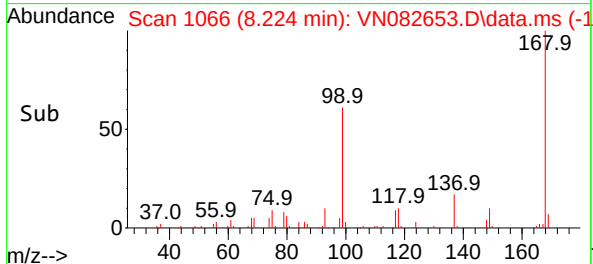
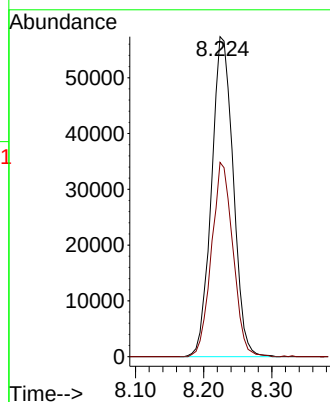
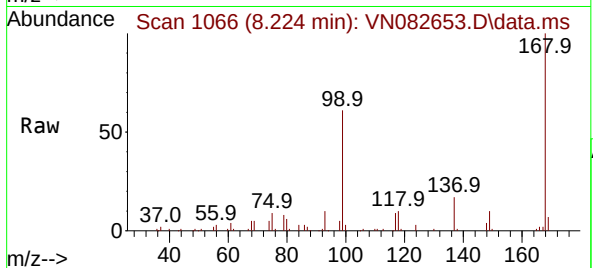




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082653.D
Acq: 19 Jun 2024 20:07

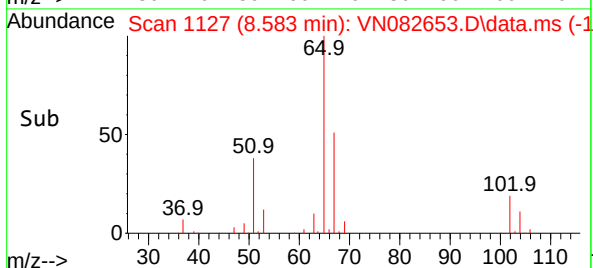
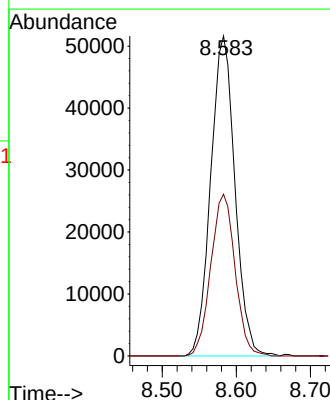
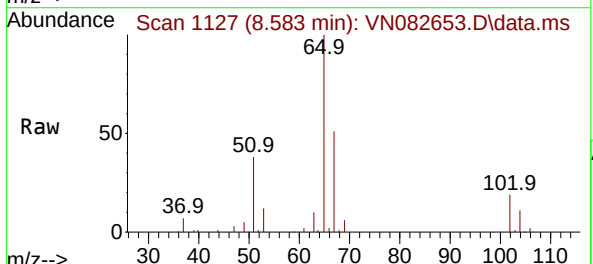
Instrument :
MSVOA_N
ClientSampleId :
IBLK

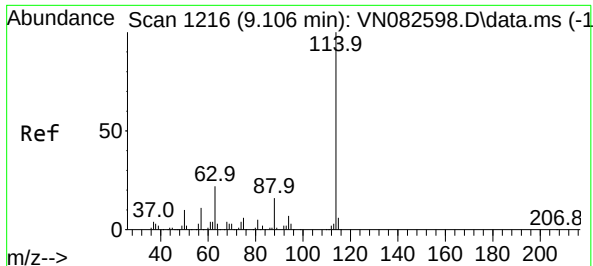
Tgt Ion:168 Resp: 127270
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.474 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082653.D
Acq: 19 Jun 2024 20:07

Tgt Ion: 65 Resp: 117301
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082653.D

Acq: 19 Jun 2024 20:07

Instrument :

MSVOA_N

ClientSampleId :

IBLK

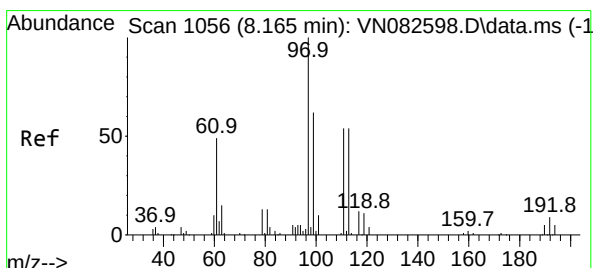
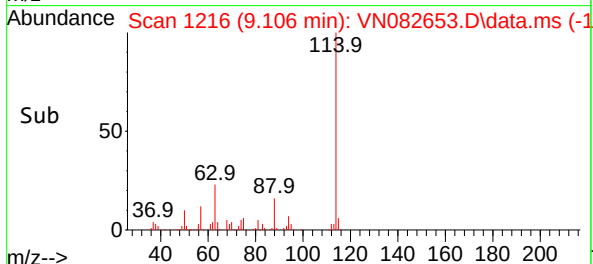
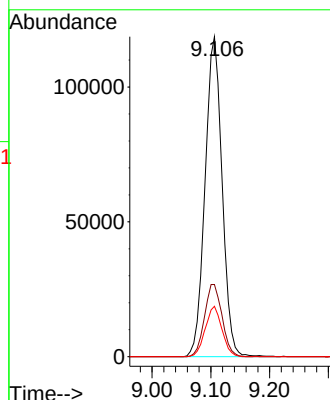
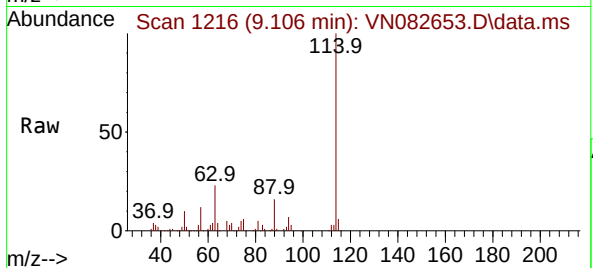
Tgt Ion:114 Resp: 238423

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.058 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082653.D

Acq: 19 Jun 2024 20:07

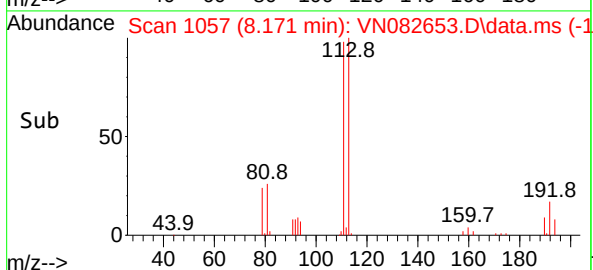
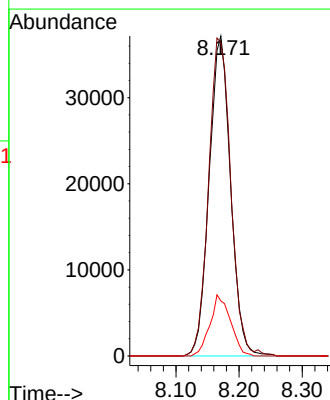
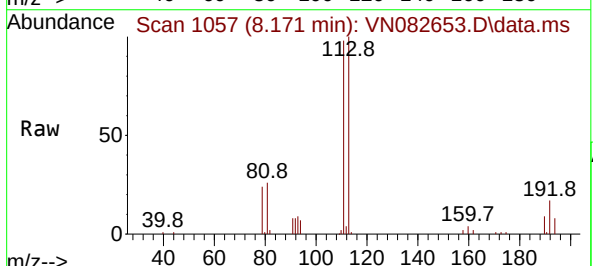
Tgt Ion:113 Resp: 87436

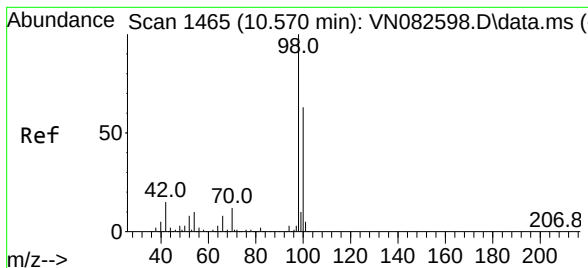
Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 18.3 14.9 22.3

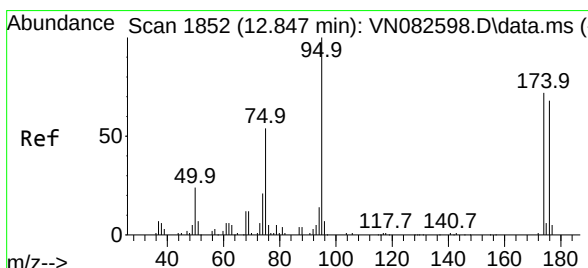
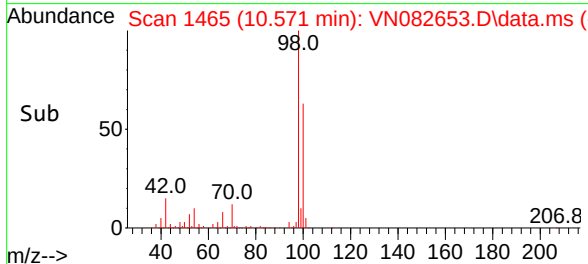
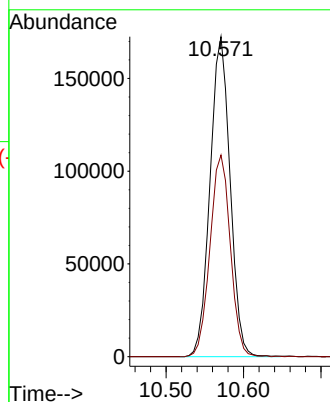
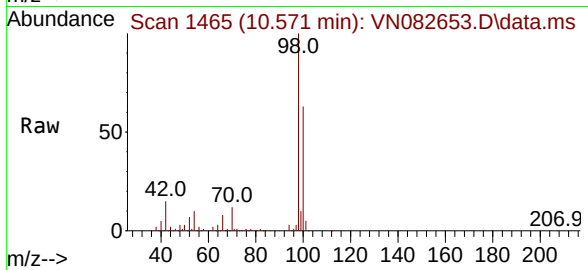




#50
Toluene-d8
Concen: 50.703 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082653.D
Acq: 19 Jun 2024 20:07

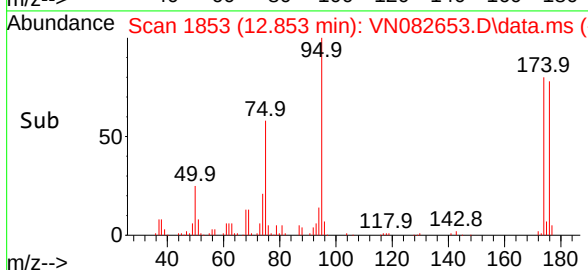
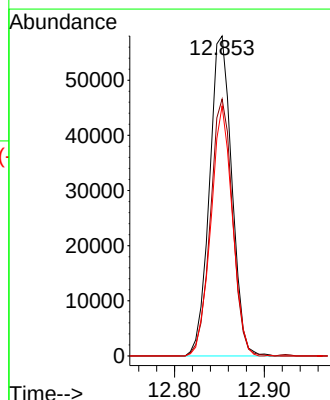
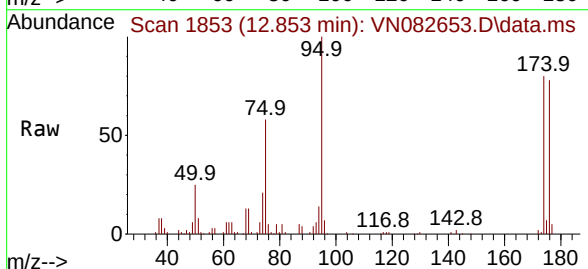
Instrument :
MSVOA_N
ClientSampleId :
IBLK

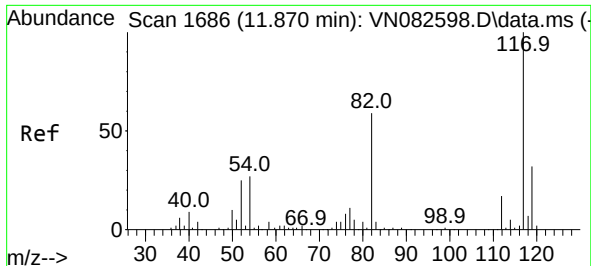
Tgt Ion: 98 Resp: 310131
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.594 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082653.D
Acq: 19 Jun 2024 20:07

Tgt Ion: 95 Resp: 100365
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.2
176 75.2 0.0 147.6

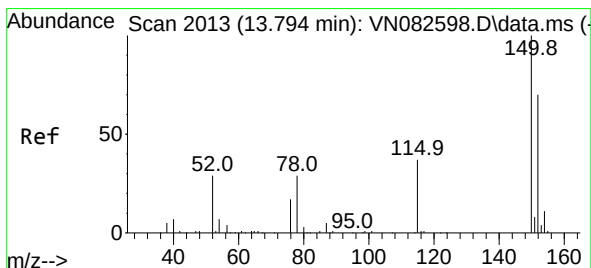
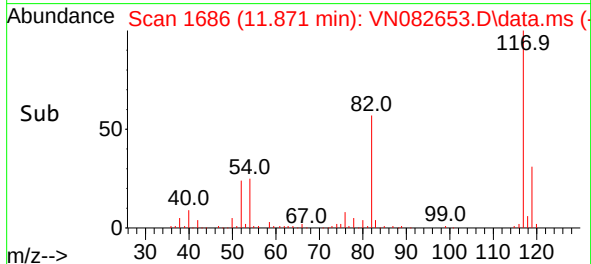
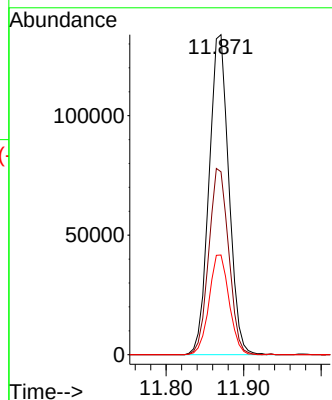
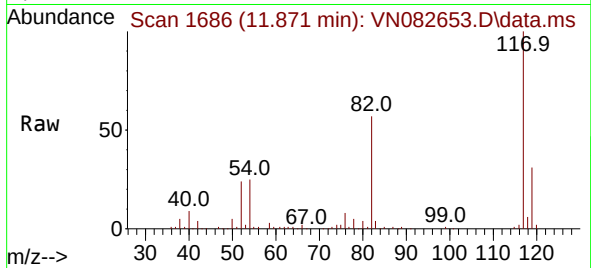




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082653.D
Acq: 19 Jun 2024 20:07

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 237241
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 31.1 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: VN082653.D
Acq: 19 Jun 2024 20:07

Tgt Ion:152 Resp: 101813
Ion Ratio Lower Upper
152 100
115 58.4 30.6 91.6
150 154.4 0.0 348.6

