

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082603.D
 Acq On : 17 Jun 2024 12:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 18 04:53:42 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	8.230	168	121513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	208918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106418	54.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.220%
35) Dibromofluoromethane	8.171	113	77652	52.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.780%
50) Toluene-d8	10.571	98	280389	50.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.853	95	88270	46.118	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.240%

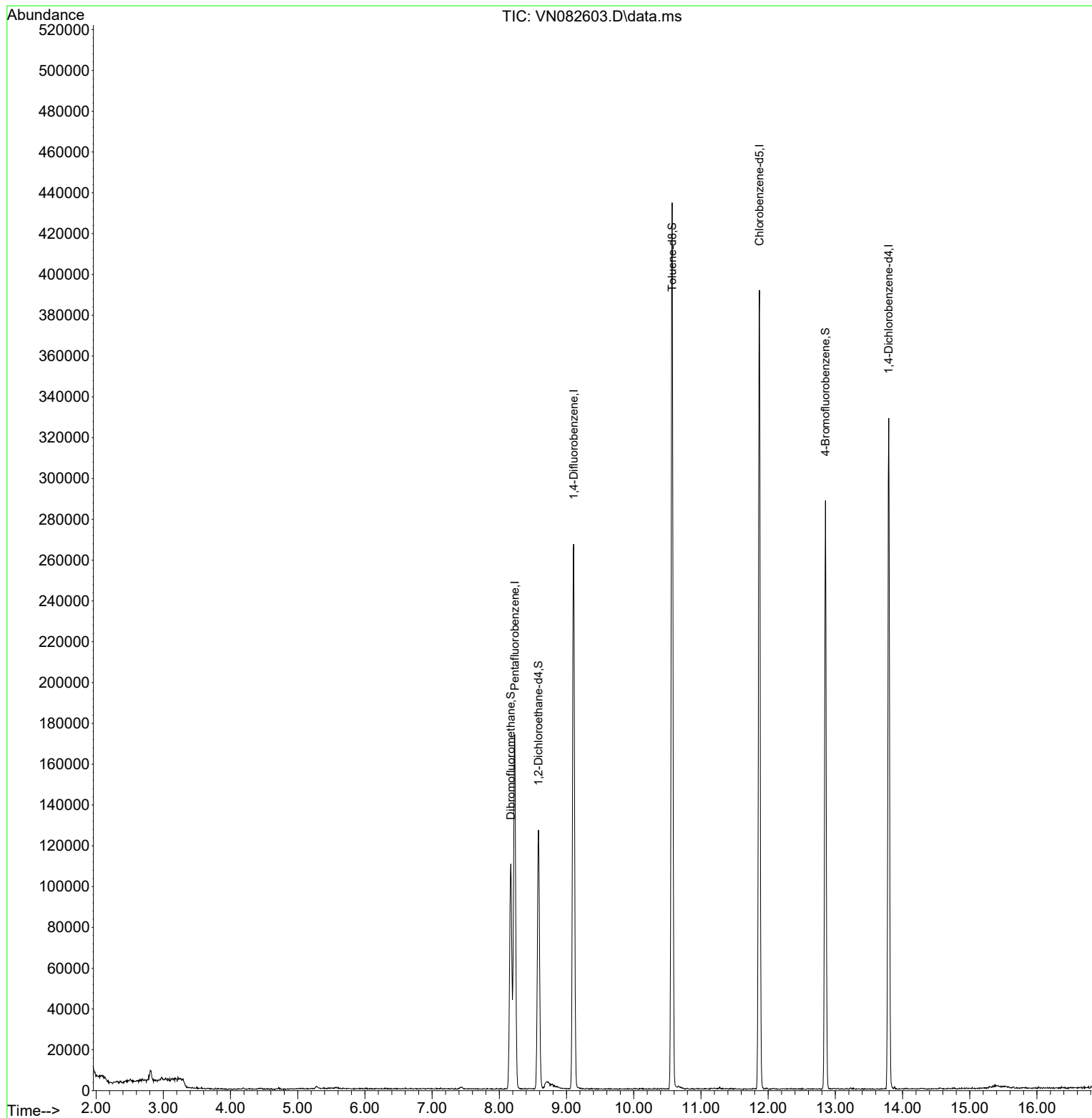
Target Compounds	Qvalue

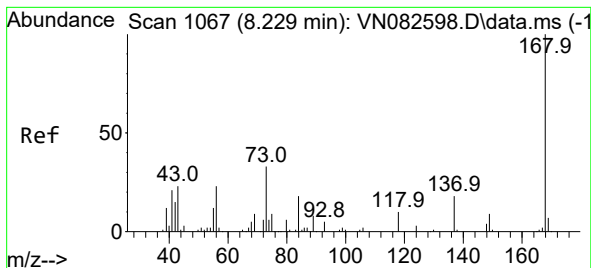
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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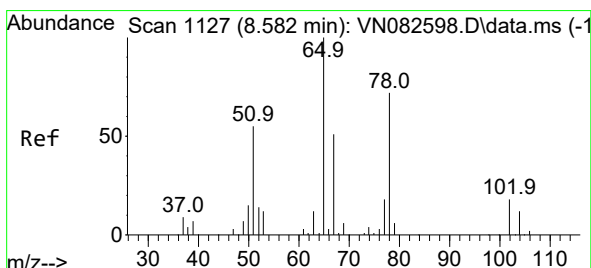
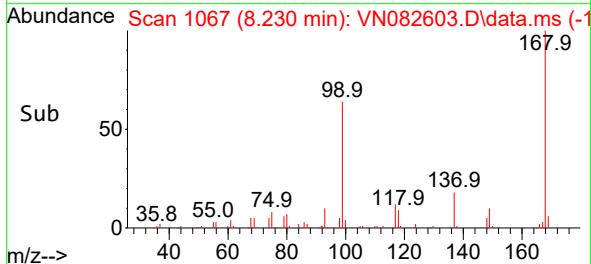
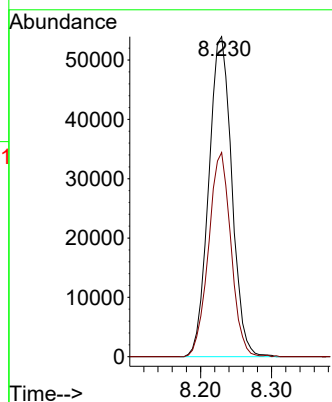
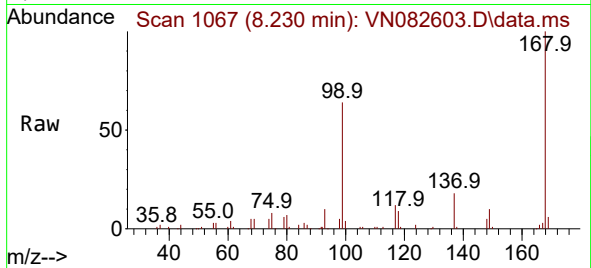




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082603.D
Acq: 17 Jun 2024 12:05

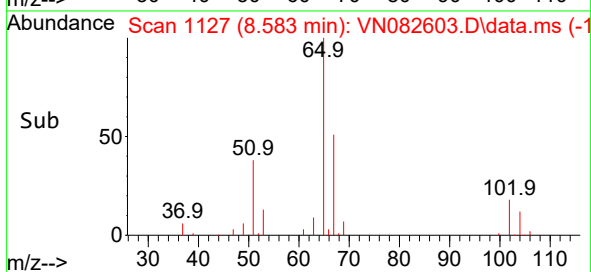
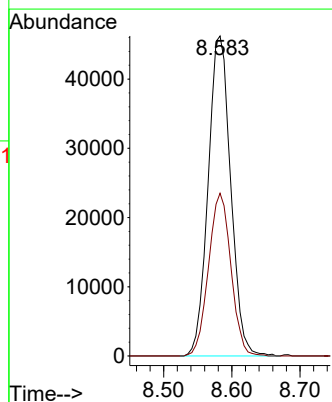
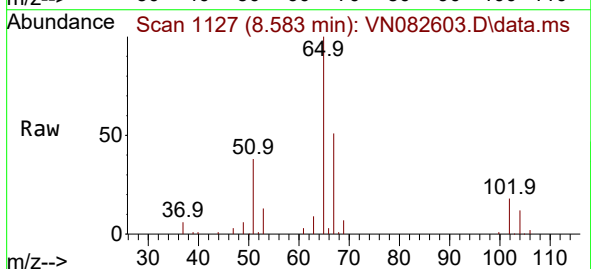
Instrument :
MSVOA_N
ClientSampleId :
IBLK

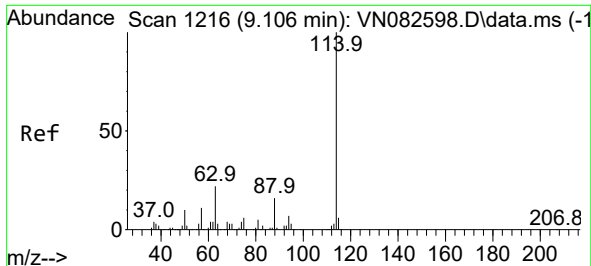
Tgt Ion:168 Resp: 121513
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.612 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082603.D
Acq: 17 Jun 2024 12:05

Tgt Ion: 65 Resp: 106418
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082603.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

IBLK

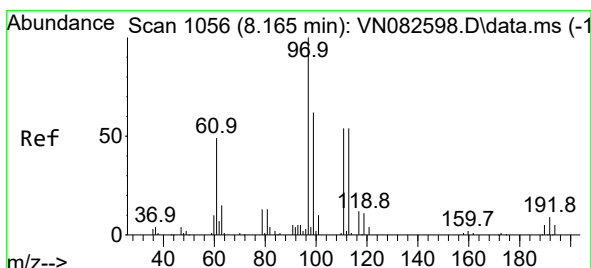
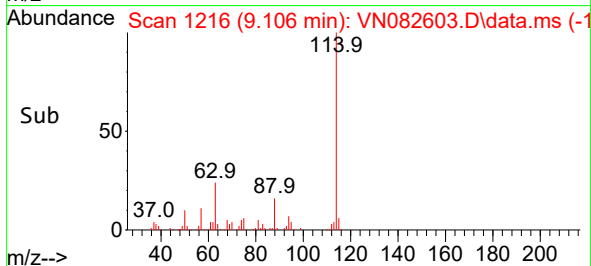
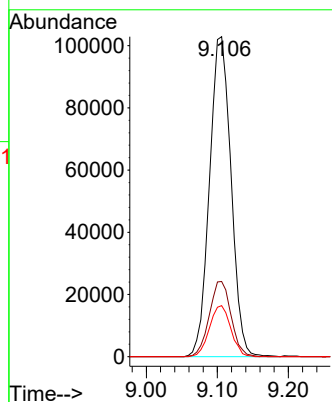
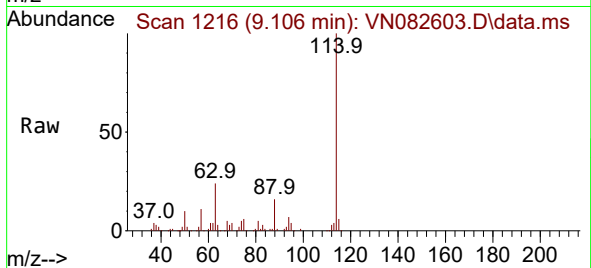
Tgt Ion:114 Resp: 216402

Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.895 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082603.D

Acq: 17 Jun 2024 12:05

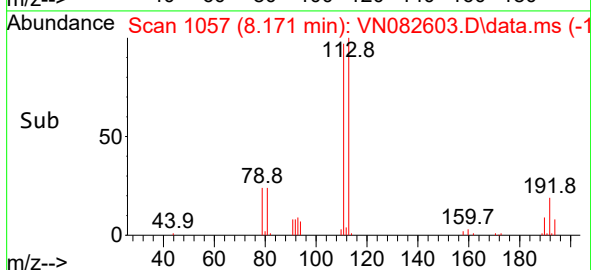
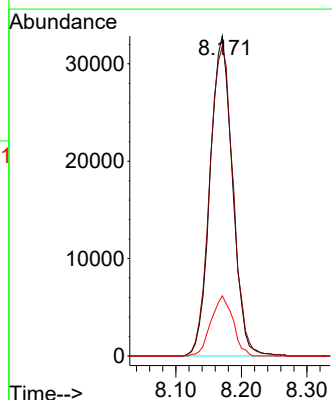
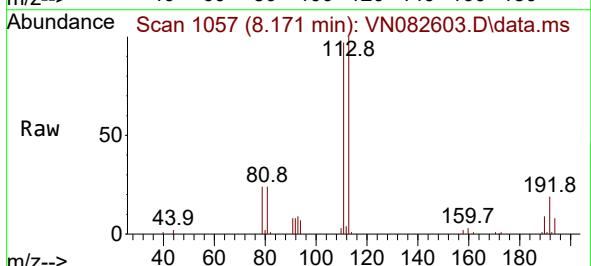
Tgt Ion:113 Resp: 77652

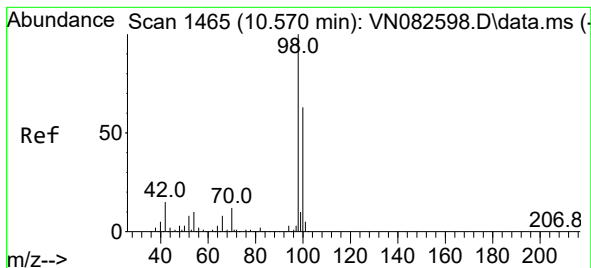
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 18.5 14.9 22.3





#50

Toluene-d8

Concen: 50.506 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082603.D

Acq: 17 Jun 2024 12:05

Instrument :

MSVOA_N

ClientSampleId :

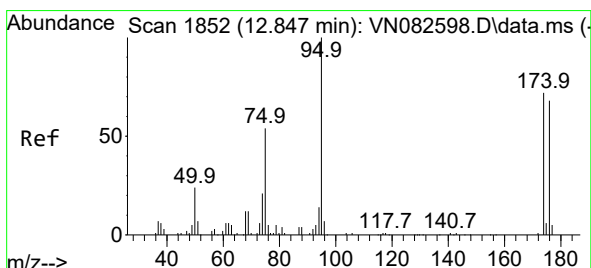
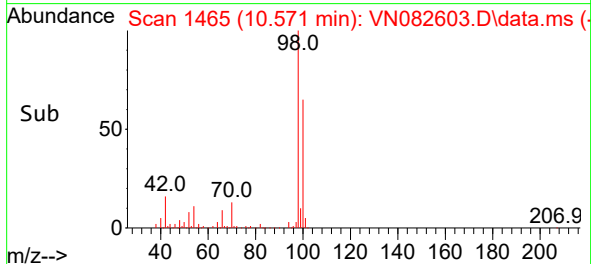
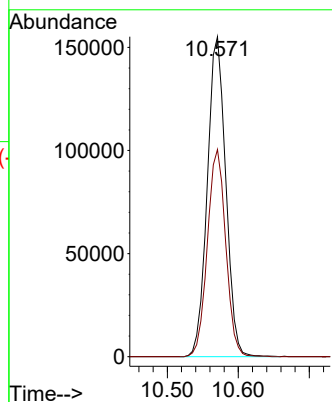
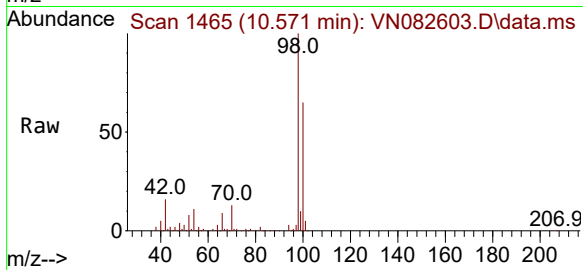
IBLK

Tgt Ion: 98 Resp: 280389

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.118 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082603.D

Acq: 17 Jun 2024 12:05

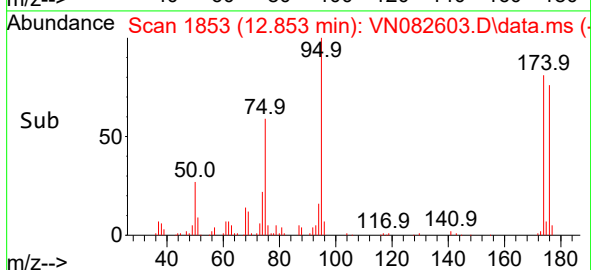
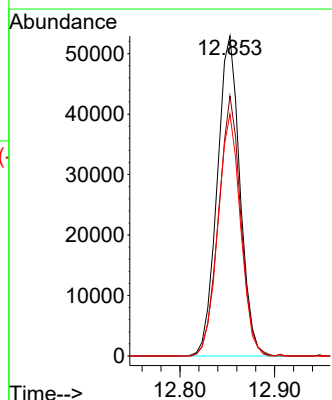
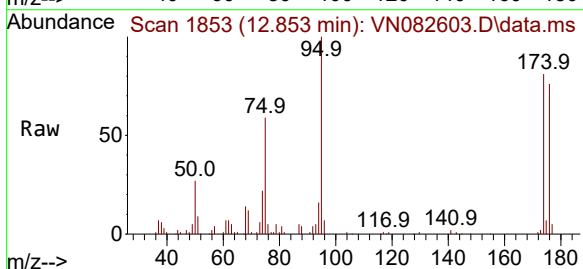
Tgt Ion: 95 Resp: 88270

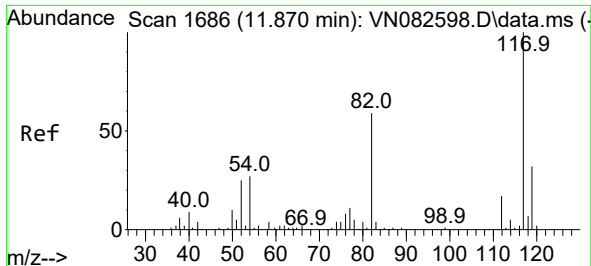
Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.2

176 75.0 0.0 147.6

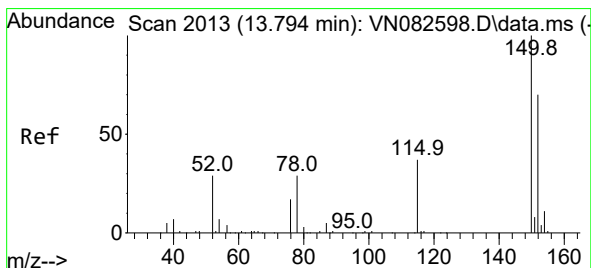
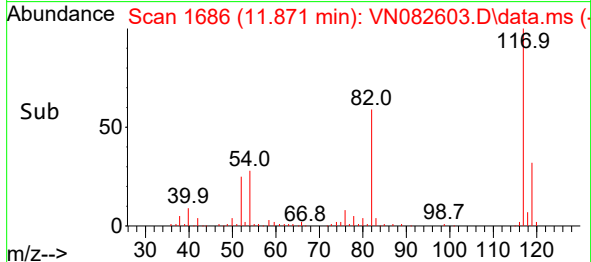
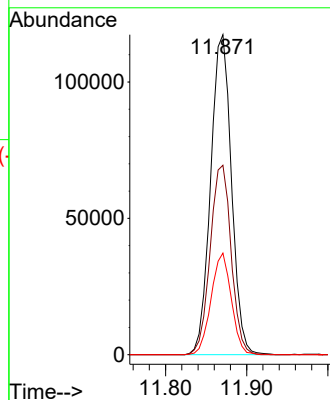
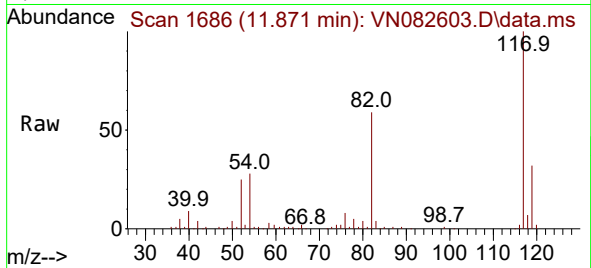




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082603.D
Acq: 17 Jun 2024 12:05

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 208918
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 31.7 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: VN082603.D
Acq: 17 Jun 2024 12:05

Tgt Ion:152 Resp: 84395
Ion Ratio Lower Upper
152 100
115 59.8 30.6 91.6
150 156.9 0.0 348.6

