

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082701.D
 Acq On : 24 Jun 2024 14:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 25 02:29:51 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	140232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	253082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	246687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102009	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122501	54.474	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.940%
35) Dibromofluoromethane	8.171	113	90950	52.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.940%
50) Toluene-d8	10.571	98	332324	51.185	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.360%
62) 4-Bromofluorobenzene	12.847	95	104806	46.821	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.640%

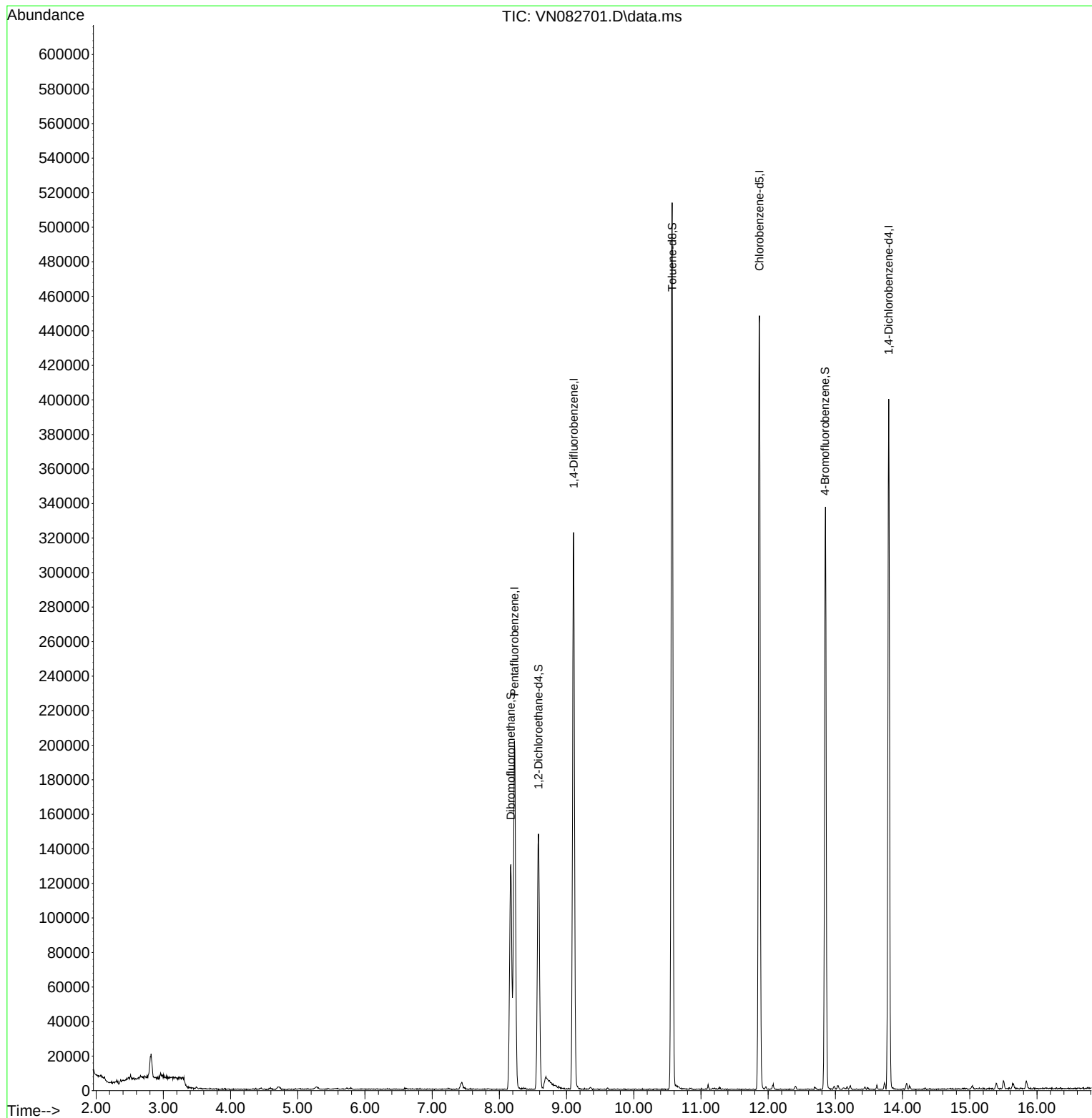
Target Compounds	Qvalue

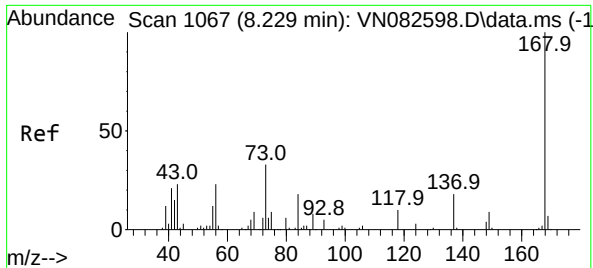
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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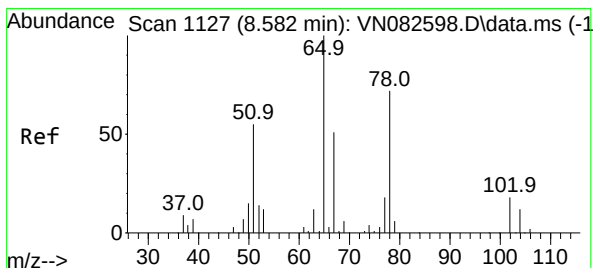
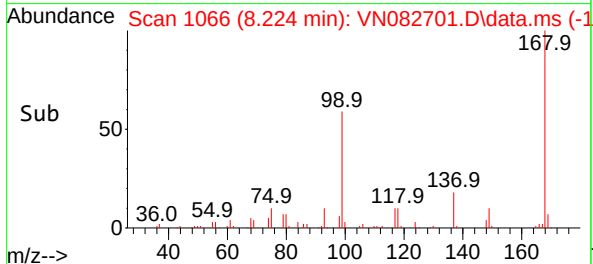
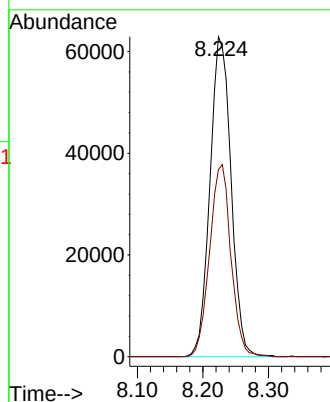
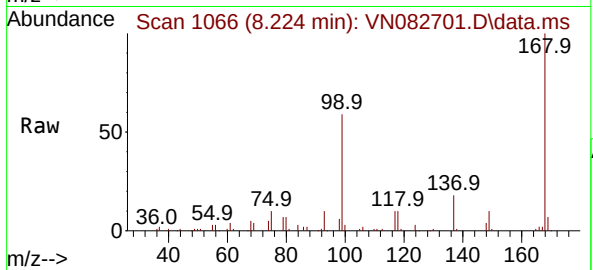




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082701.D
Acq: 24 Jun 2024 14:56

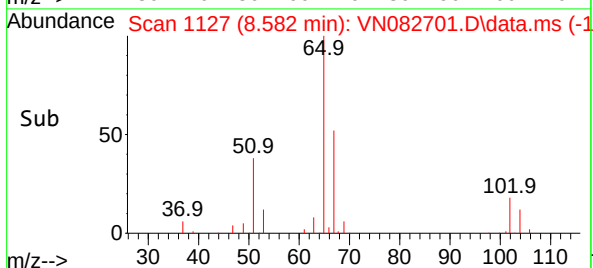
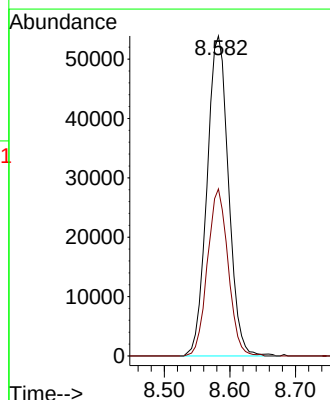
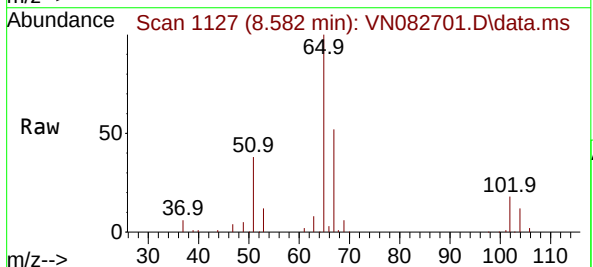
Instrument :
MSVOA_N
ClientSampleId :
IBLK

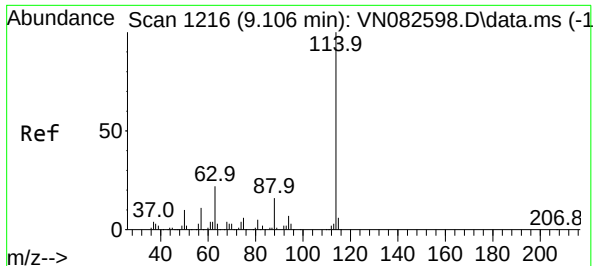
Tgt Ion:168 Resp: 140232
Ion Ratio Lower Upper
168 100
99 58.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.474 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082701.D
Acq: 24 Jun 2024 14:56

Tgt Ion: 65 Resp: 122501
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4

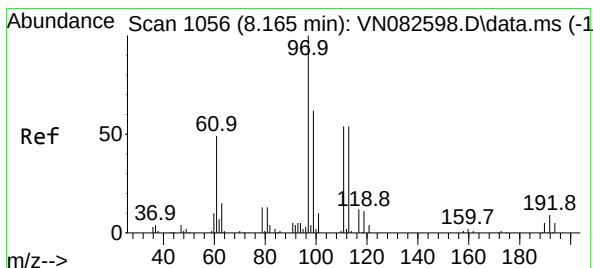
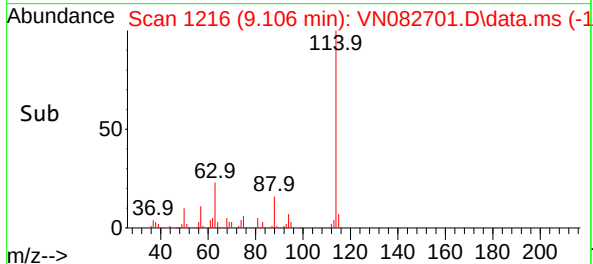
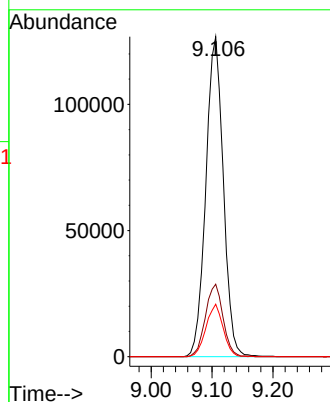
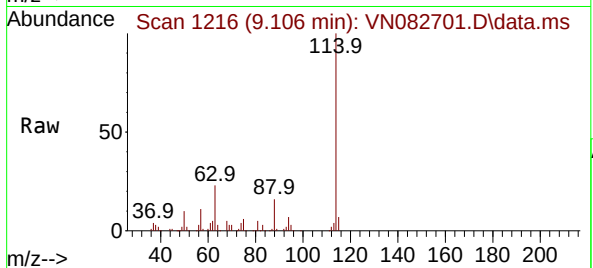




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082701.D
Acq: 24 Jun 2024 14:56

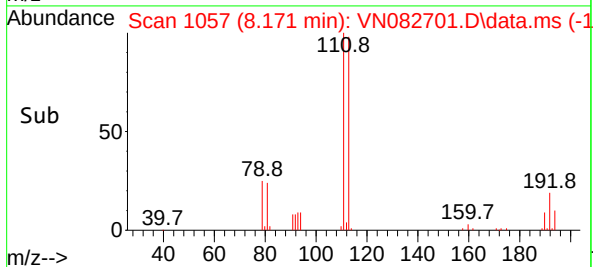
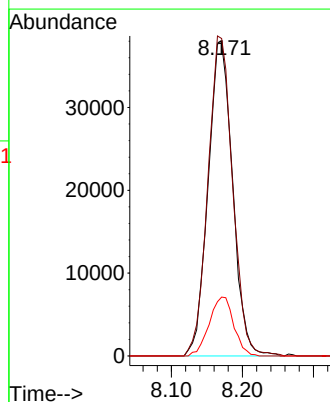
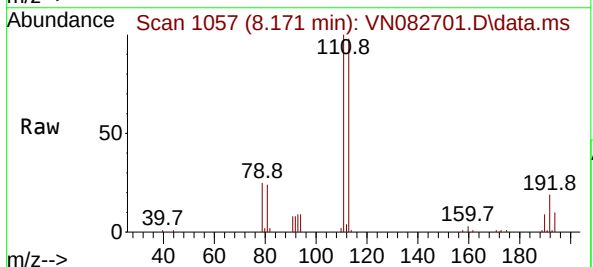
Instrument :
MSVOA_N
ClientSampleId :
IBLK

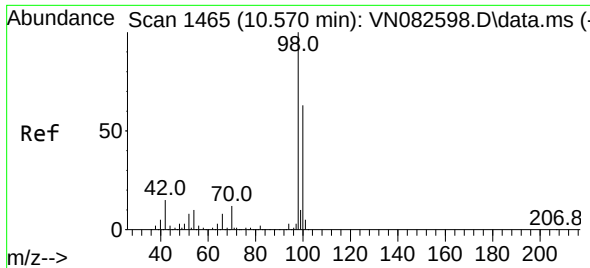
Tgt Ion:114 Resp: 253082
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 16.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.974 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082701.D
Acq: 24 Jun 2024 14:56

Tgt Ion:113 Resp: 90950
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.7 14.9 22.3

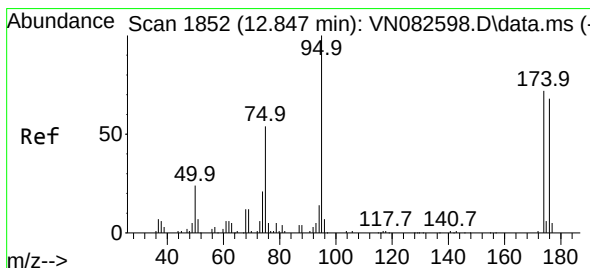
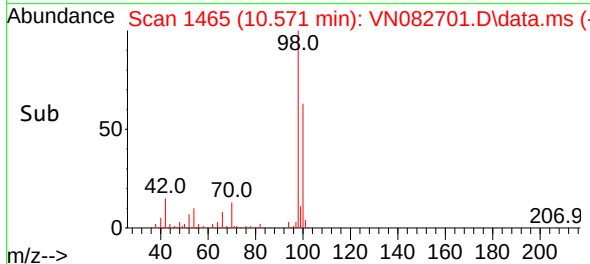
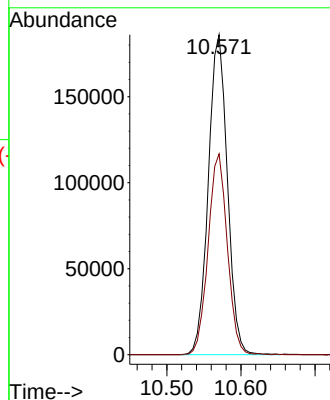
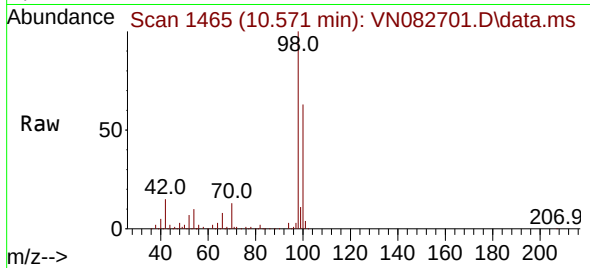




#50
Toluene-d8
Concen: 51.185 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082701.D
Acq: 24 Jun 2024 14:56

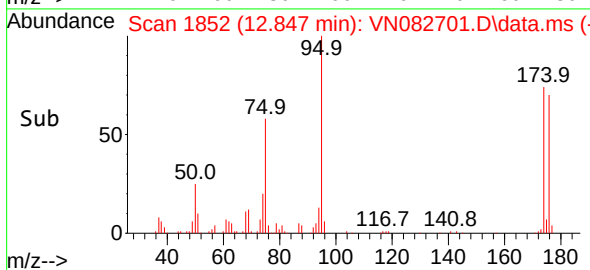
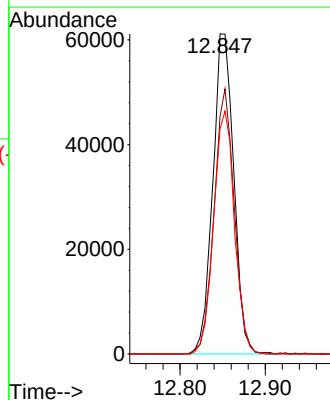
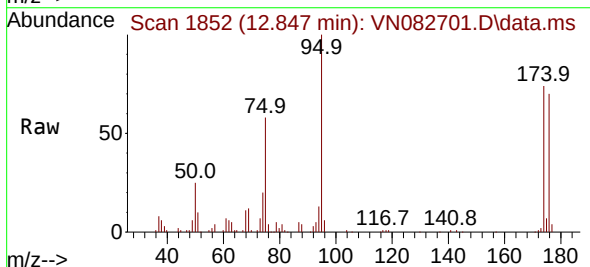
Instrument :
MSVOA_N
ClientSampleId :
IBLK

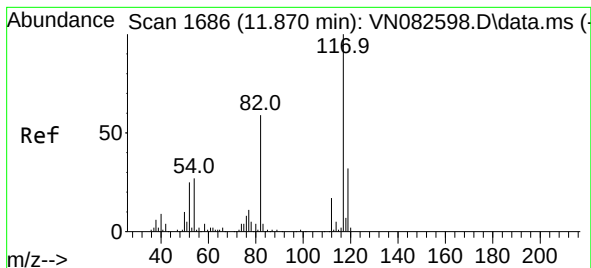
Tgt Ion: 98 Resp: 332324
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.821 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082701.D
Acq: 24 Jun 2024 14:56

Tgt Ion: 95 Resp: 104806
Ion Ratio Lower Upper
95 100
174 80.1 0.0 159.2
176 75.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082701.D

Acq: 24 Jun 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

IBLK

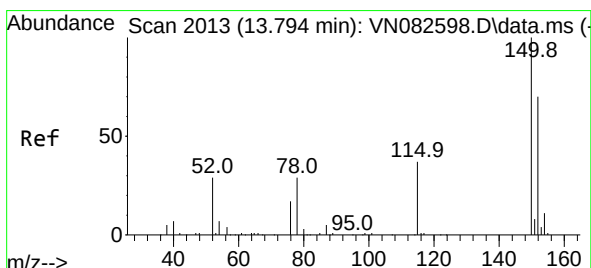
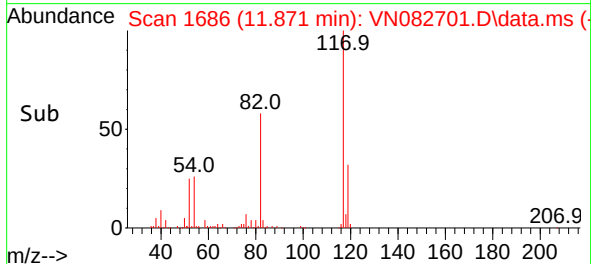
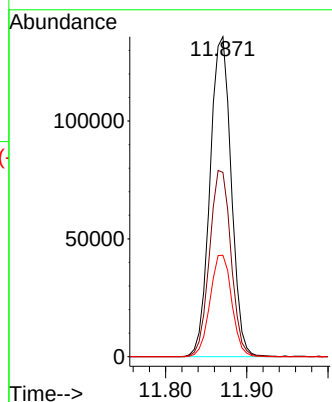
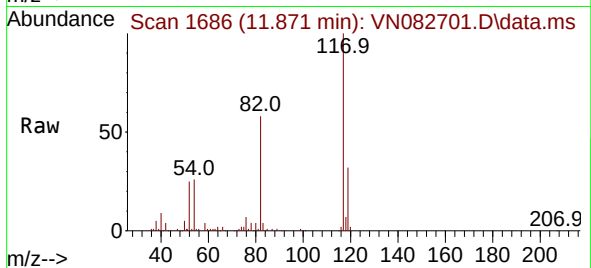
Tgt Ion:117 Resp: 246687

Ion Ratio Lower Upper

117 100

82 57.6 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: VN082701.D

Acq: 24 Jun 2024 14:56

Tgt Ion:152 Resp: 102009

Ion Ratio Lower Upper

152 100

115 59.7 30.6 91.6

150 155.7 0.0 348.6

