

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082972.D
 Acq On : 18 Jul 2024 13:02
 Operator : JC\MD
 Sample : VN0718MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718MBL01

Quant Time: Jul 19 00:42:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	62068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	122571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	119328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	46371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	54248	62.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.700%
35) Dibromofluoromethane	8.165	113	45294	57.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.180%
50) Toluene-d8	10.571	98	156861	53.998	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.000%
62) 4-Bromofluorobenzene	12.853	95	46991	45.033	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.060%

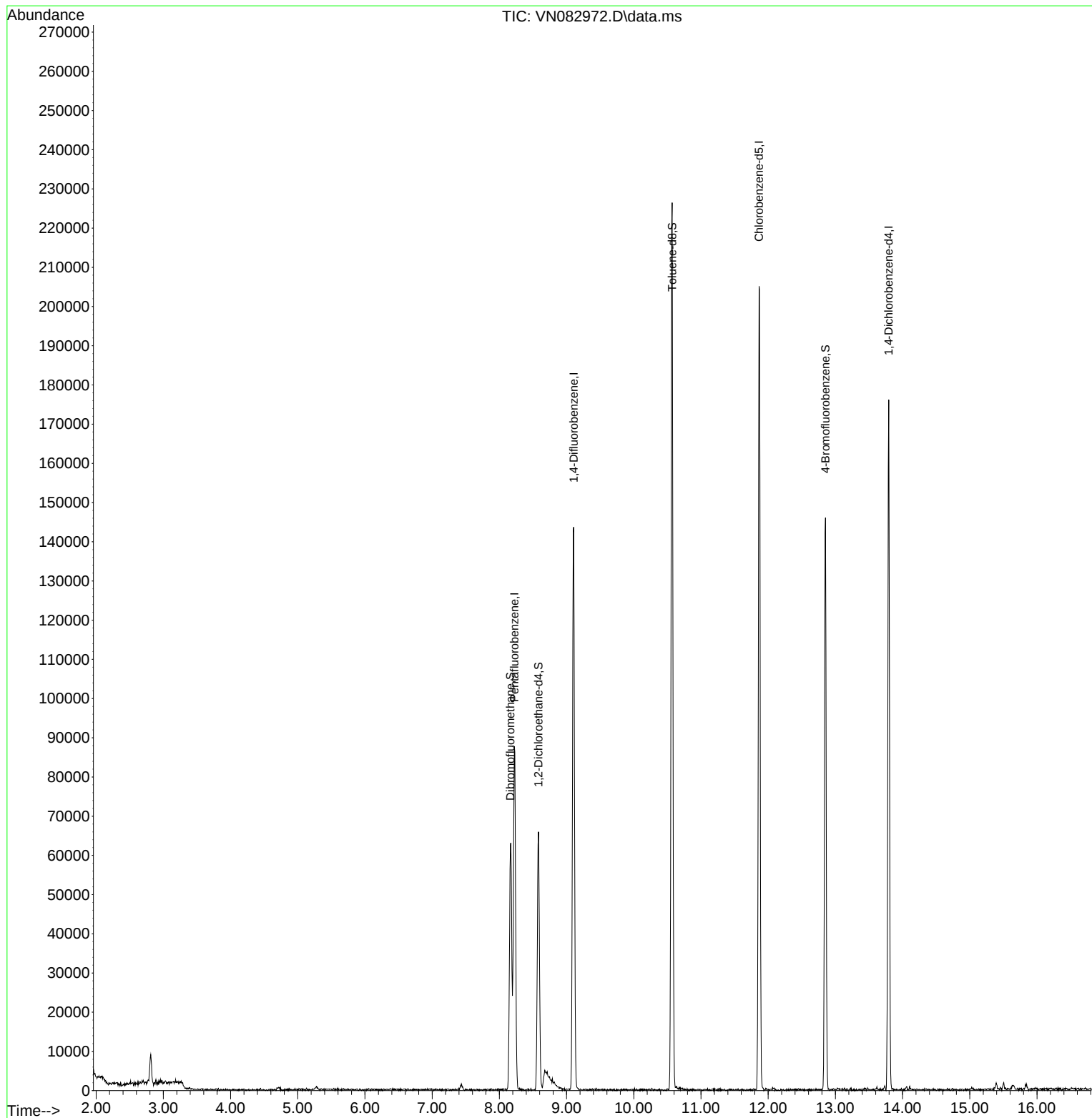
Target Compounds	Qvalue

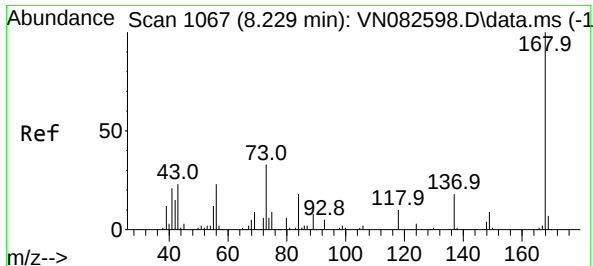
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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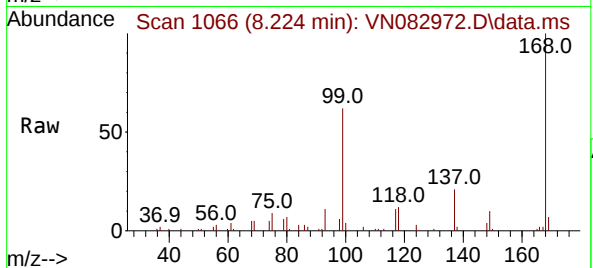
Quant Time: Jul 19 00:42:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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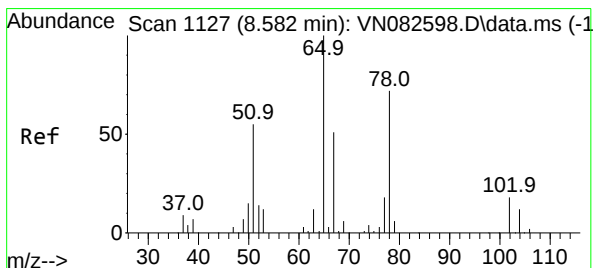
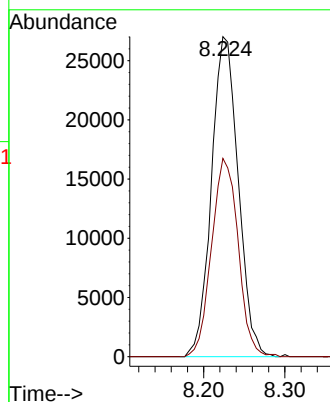
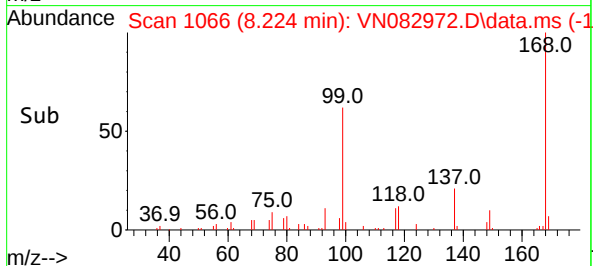


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

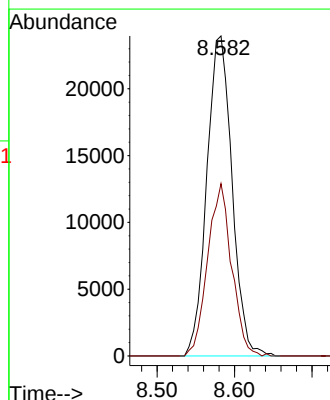
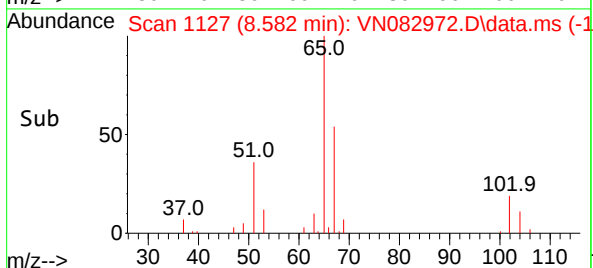
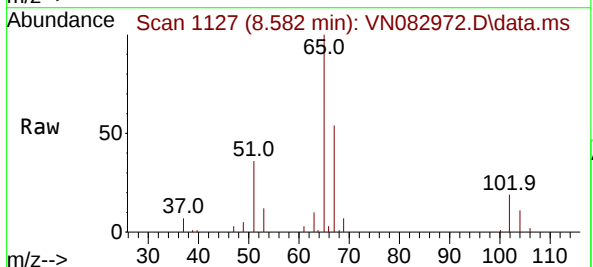


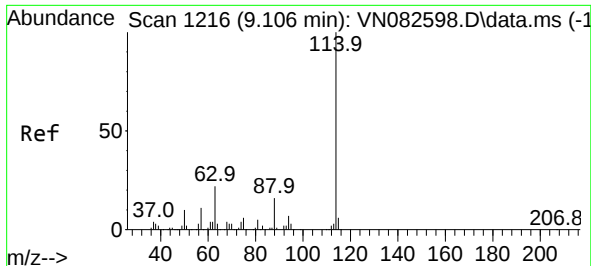
Tgt Ion:168 Resp: 62068
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 62.349 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Tgt Ion: 65 Resp: 54248
Ion Ratio Lower Upper
65 100
67 51.2 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: VN082972.D

Acq: 18 Jul 2024 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0718MBL01

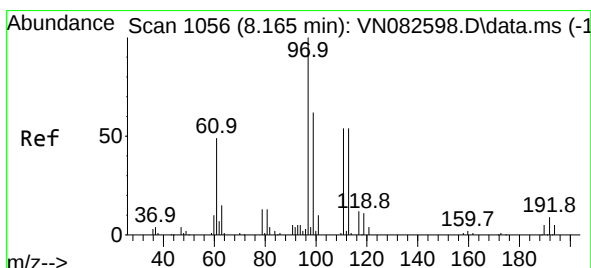
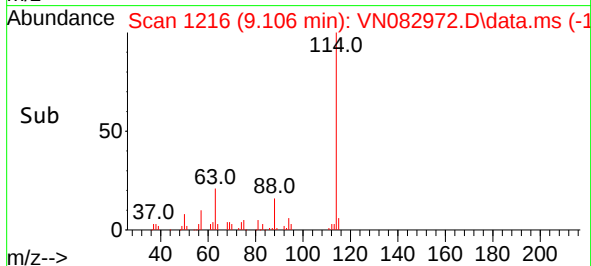
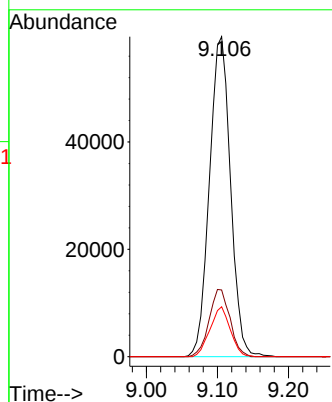
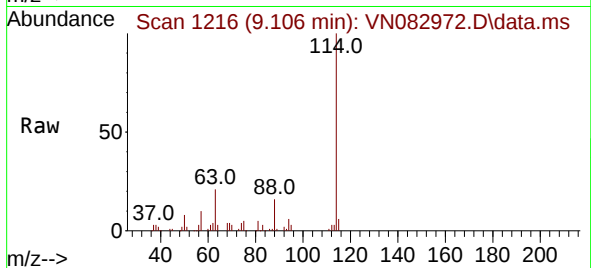
Tgt Ion:114 Resp: 122571

Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 57.589 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082972.D

Acq: 18 Jul 2024 13:02

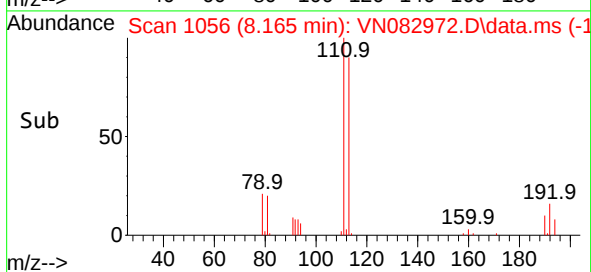
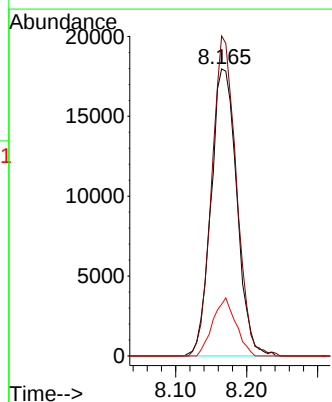
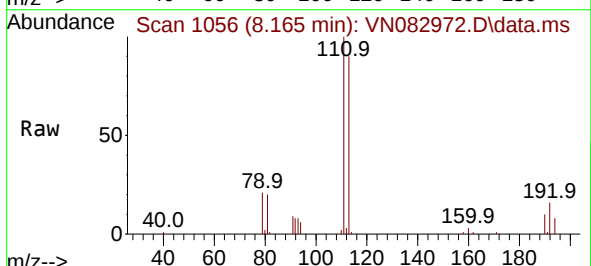
Tgt Ion:113 Resp: 45294

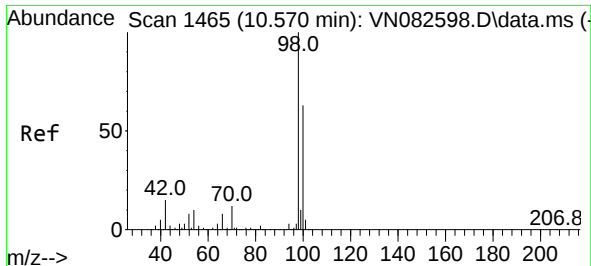
Ion Ratio Lower Upper

113 100

111 106.0 82.4 123.6

192 18.1 14.9 22.3

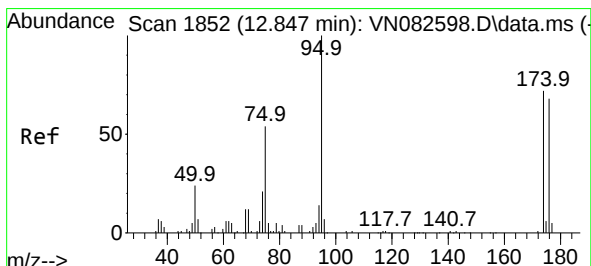
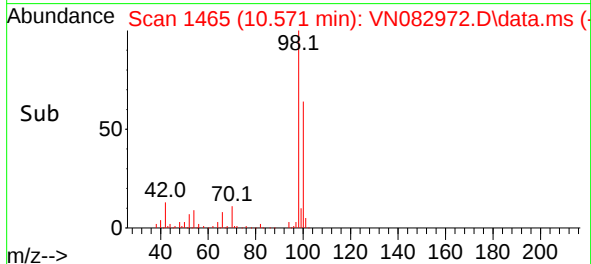
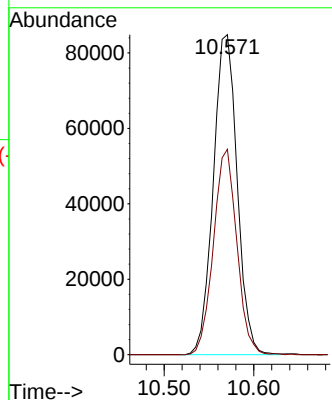
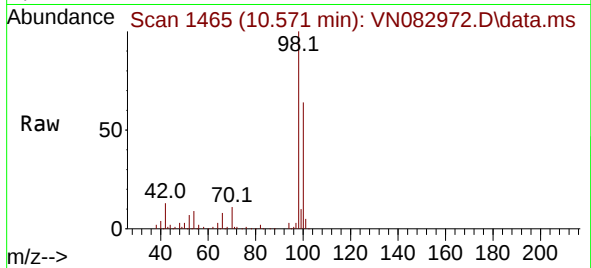




#50
Toluene-d8
Concen: 53.998 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

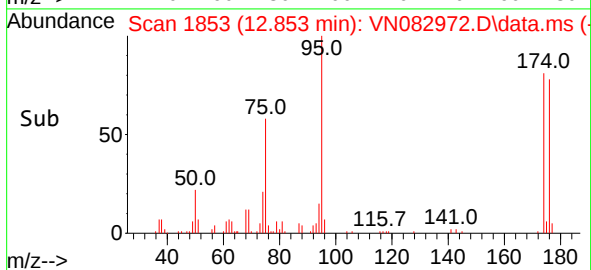
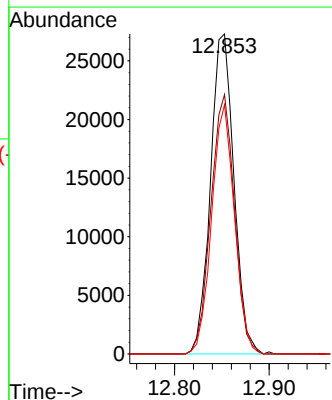
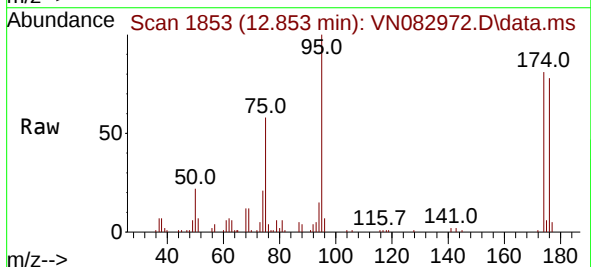
Instrument :
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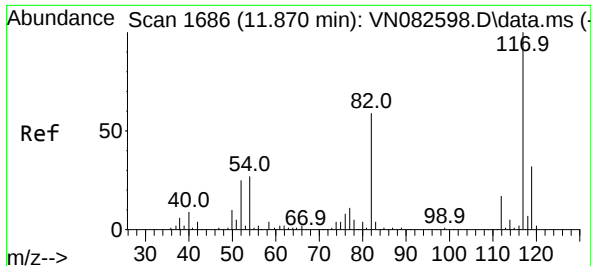
Tgt Ion: 98 Resp: 156861
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.033 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Tgt Ion: 95 Resp: 46991
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.2
176 75.9 0.0 147.6

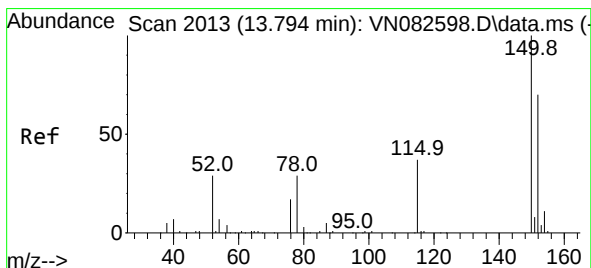
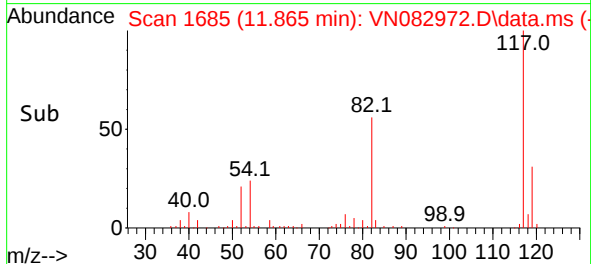
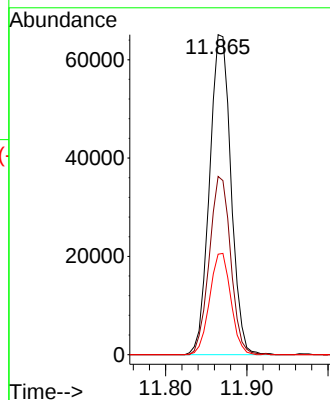
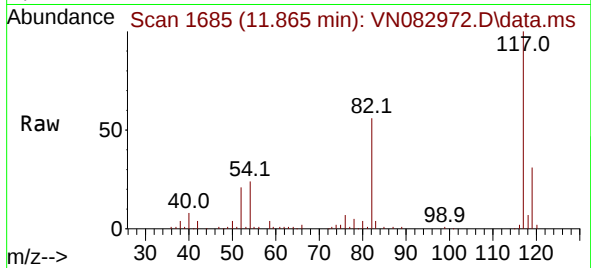




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082972.D
Acq: 18 Jul 2024 13:02

Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

Tgt Ion:117 Resp: 119328
Ion Ratio Lower Upper
117 100
82 55.7 47.5 71.3
119 31.4 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: VN082972.D
Acq: 18 Jul 2024 13:02

Tgt Ion:152 Resp: 46371
Ion Ratio Lower Upper
152 100
115 59.7 30.6 91.6
150 157.4 0.0 348.6

