

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082822.D
 Acq On : 08 Jul 2024 15:09
 Operator : JC\MD
 Sample : VN0708WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBL02

Quant Time: Jul 08 17:43:14 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	8.229	168	107024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	199499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	192563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	85136	56.748	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.500%
35) Dibromofluoromethane	8.165	113	69350	54.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.340%
50) Toluene-d8	10.570	98	249223	52.710	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.853	95	87311	51.408	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	102.820%

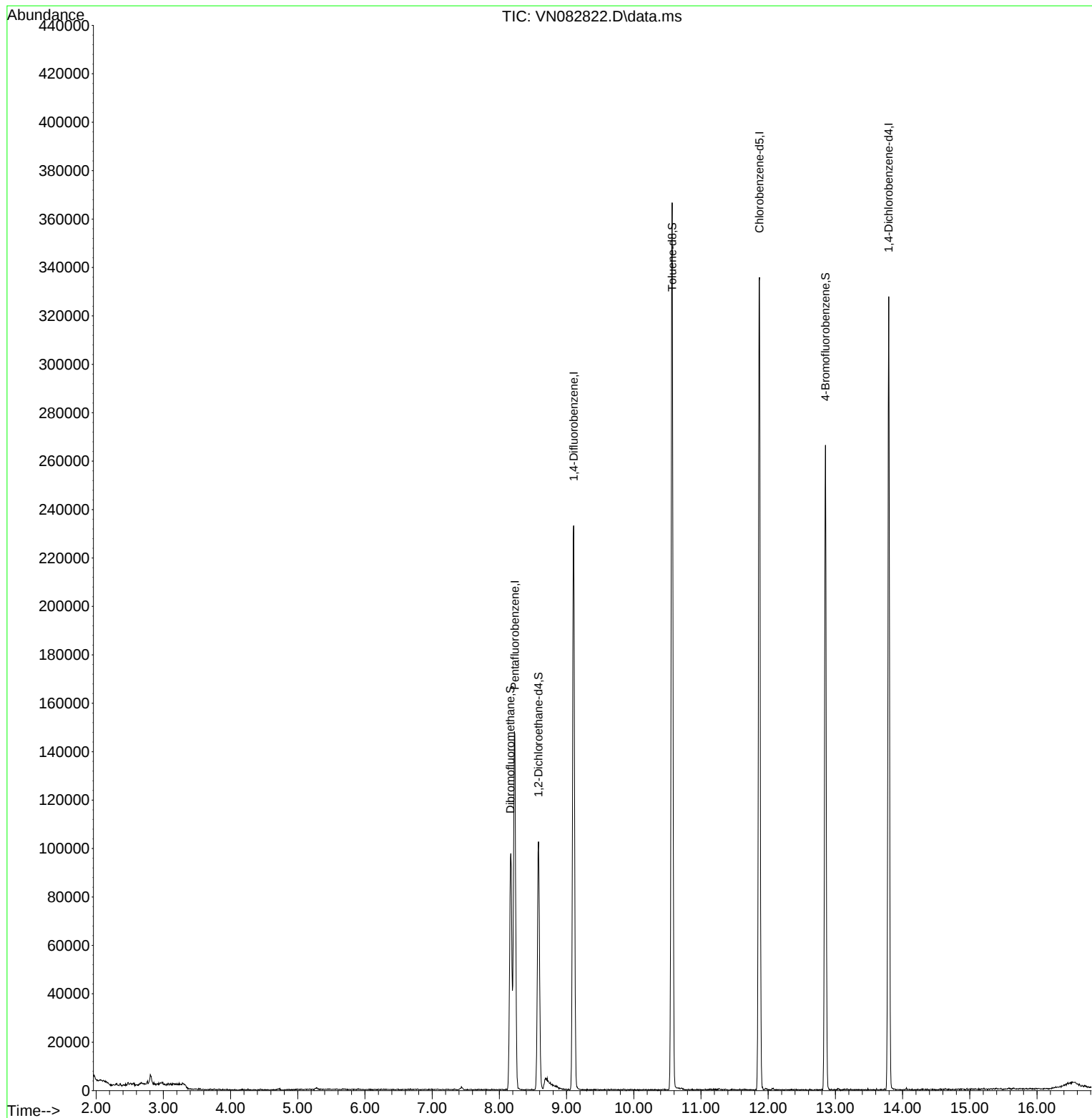
Target Compounds	Qvalue

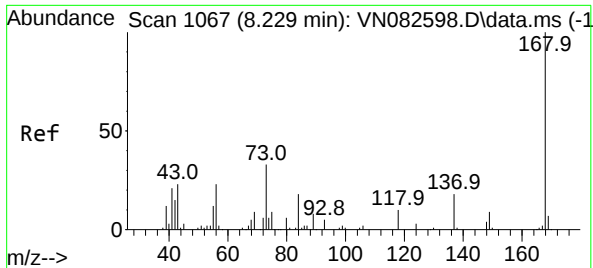
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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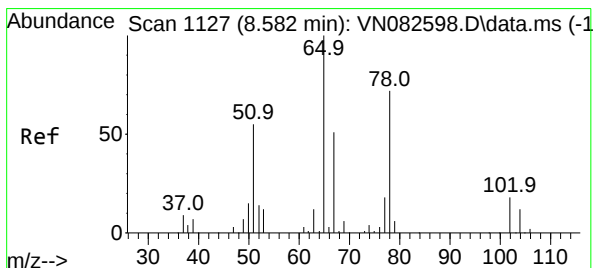
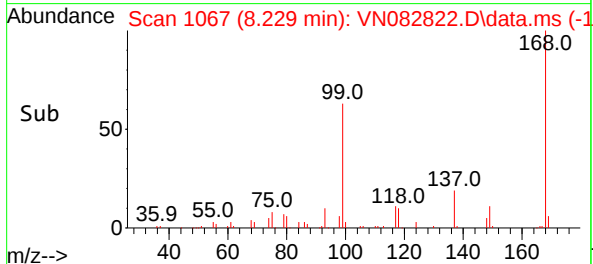
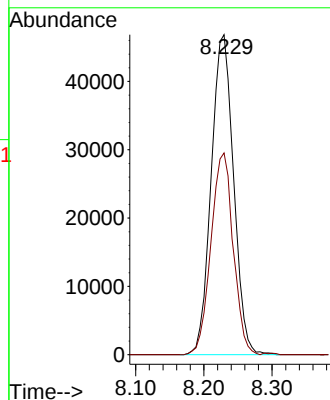
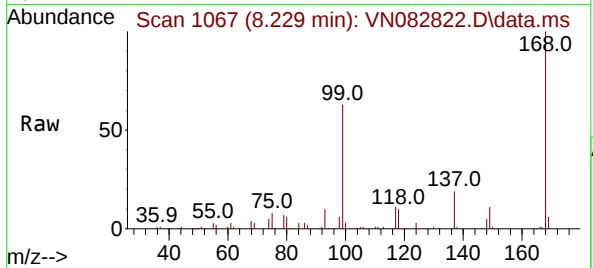




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

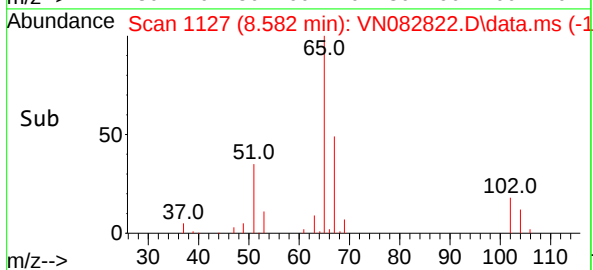
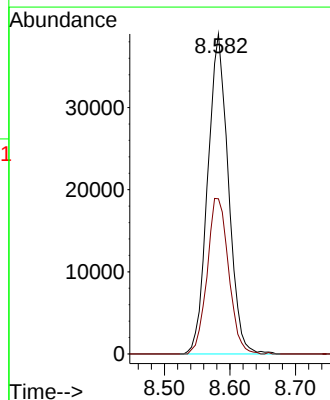
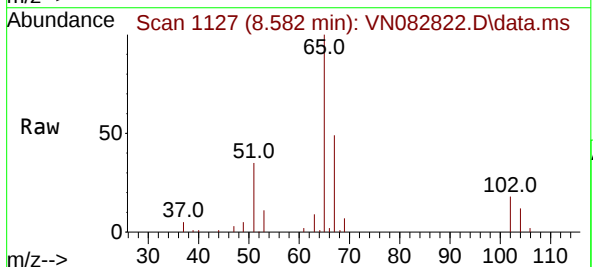
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL02

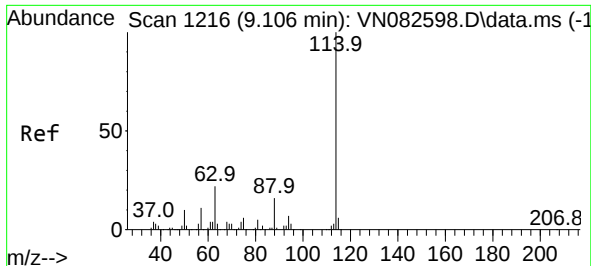
Tgt Ion:168 Resp: 107024
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.748 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Tgt Ion: 65 Resp: 85136
Ion Ratio Lower Upper
65 100
67 50.6 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: VN082822.D

Acq: 08 Jul 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBL02

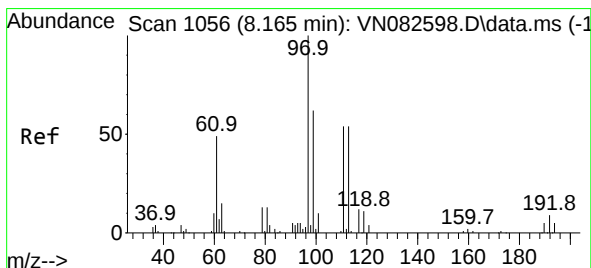
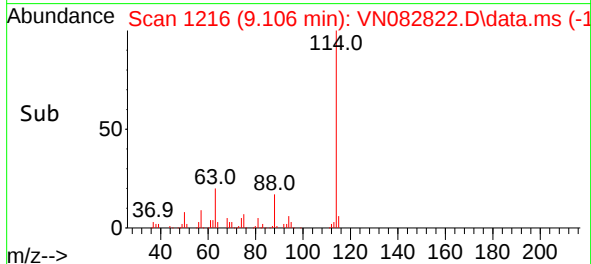
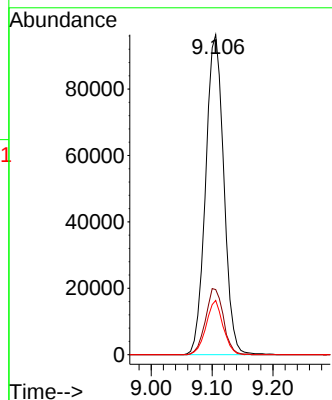
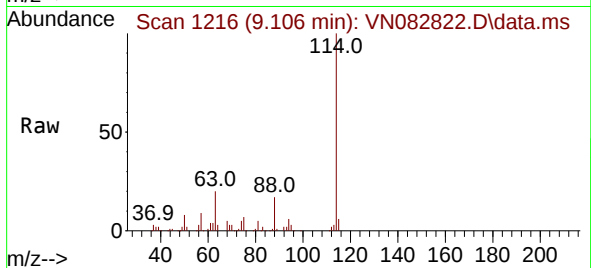
Tgt Ion:114 Resp: 199499

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.174 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082822.D

Acq: 08 Jul 2024 15:09

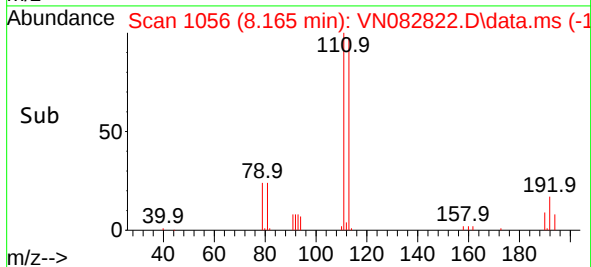
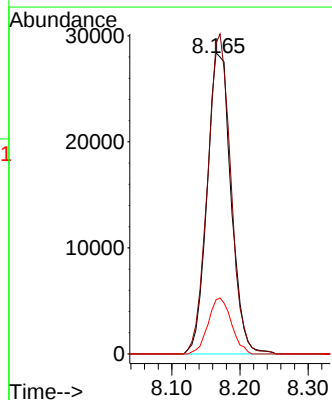
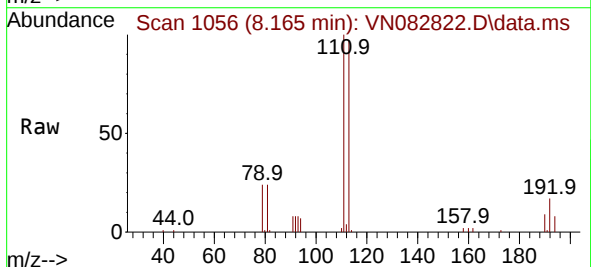
Tgt Ion:113 Resp: 69350

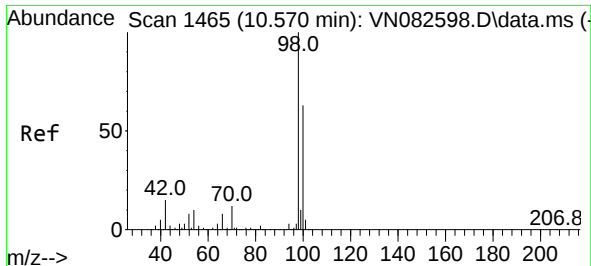
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 18.0 14.9 22.3

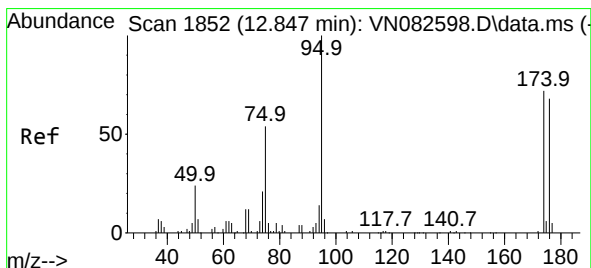
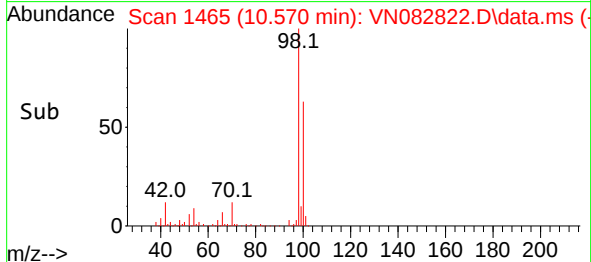
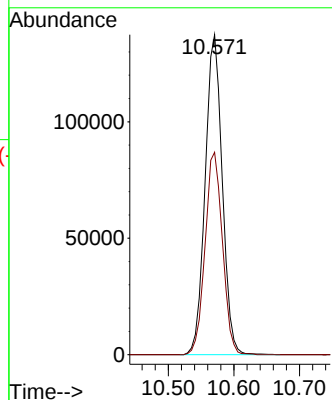
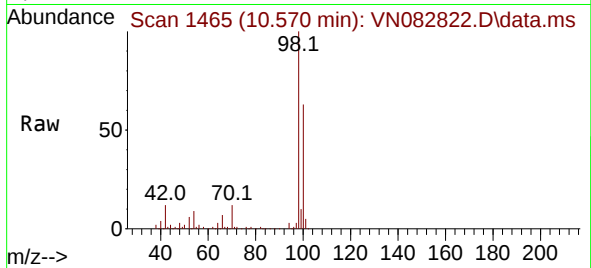




#50
Toluene-d8
Concen: 52.710 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

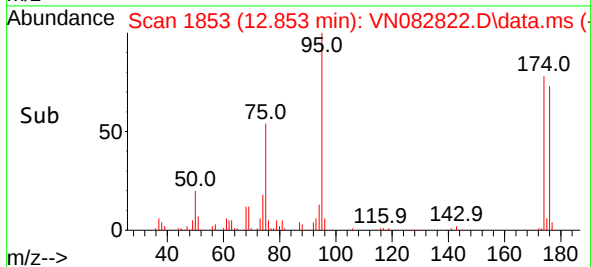
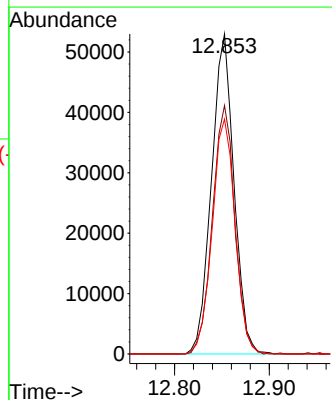
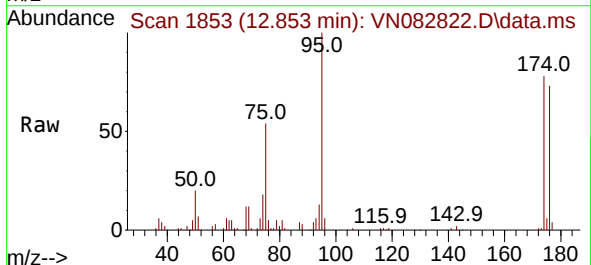
Instrument :
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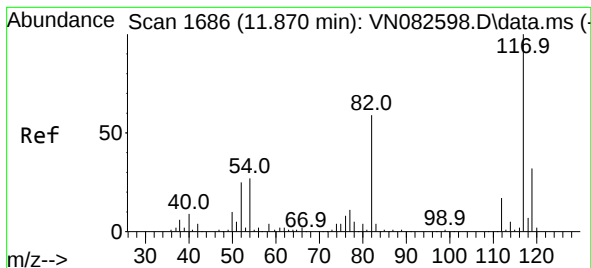
Tgt Ion: 98 Resp: 249223
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.408 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082822.D
Acq: 08 Jul 2024 15:09

Tgt Ion: 95 Resp: 87311
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.2
176 74.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082822.D

Acq: 08 Jul 2024 15:09

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBL02

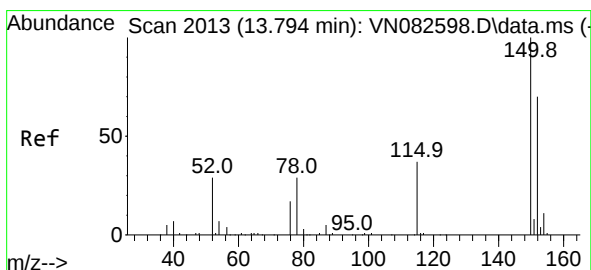
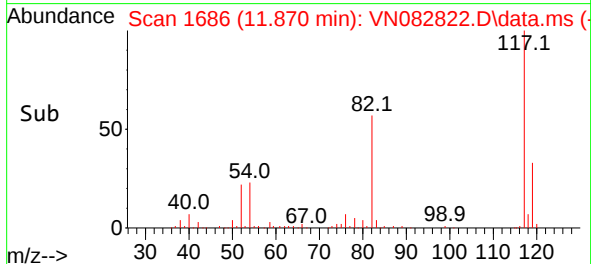
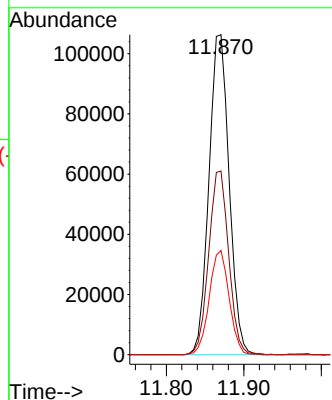
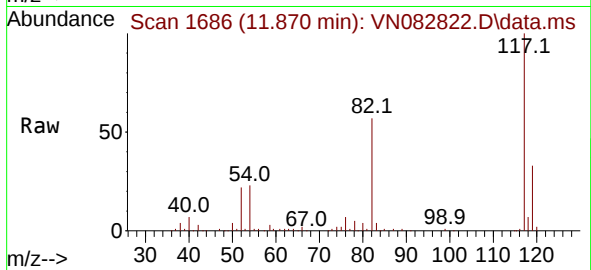
Tgt Ion:117 Resp: 192563

Ion Ratio Lower Upper

117 100

82 57.4 47.5 71.3

119 32.5 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: VN082822.D

Acq: 08 Jul 2024 15:09

Tgt Ion:152 Resp: 82965

Ion Ratio Lower Upper

152 100

115 61.6 30.6 91.6

150 158.9 0.0 348.6

