

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082898.D
 Acq On : 12 Jul 2024 14:40
 Operator : JC\MD
 Sample : P3229-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB189-HYD-20240710

Quant Time: Jul 15 01:12:03 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	83577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	165098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	162131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	66757	56.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.960%
35) Dibromofluoromethane	8.171	113	55243	52.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.300%
50) Toluene-d8	10.571	98	196873	50.315	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.847	95	63748	45.355	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.720%

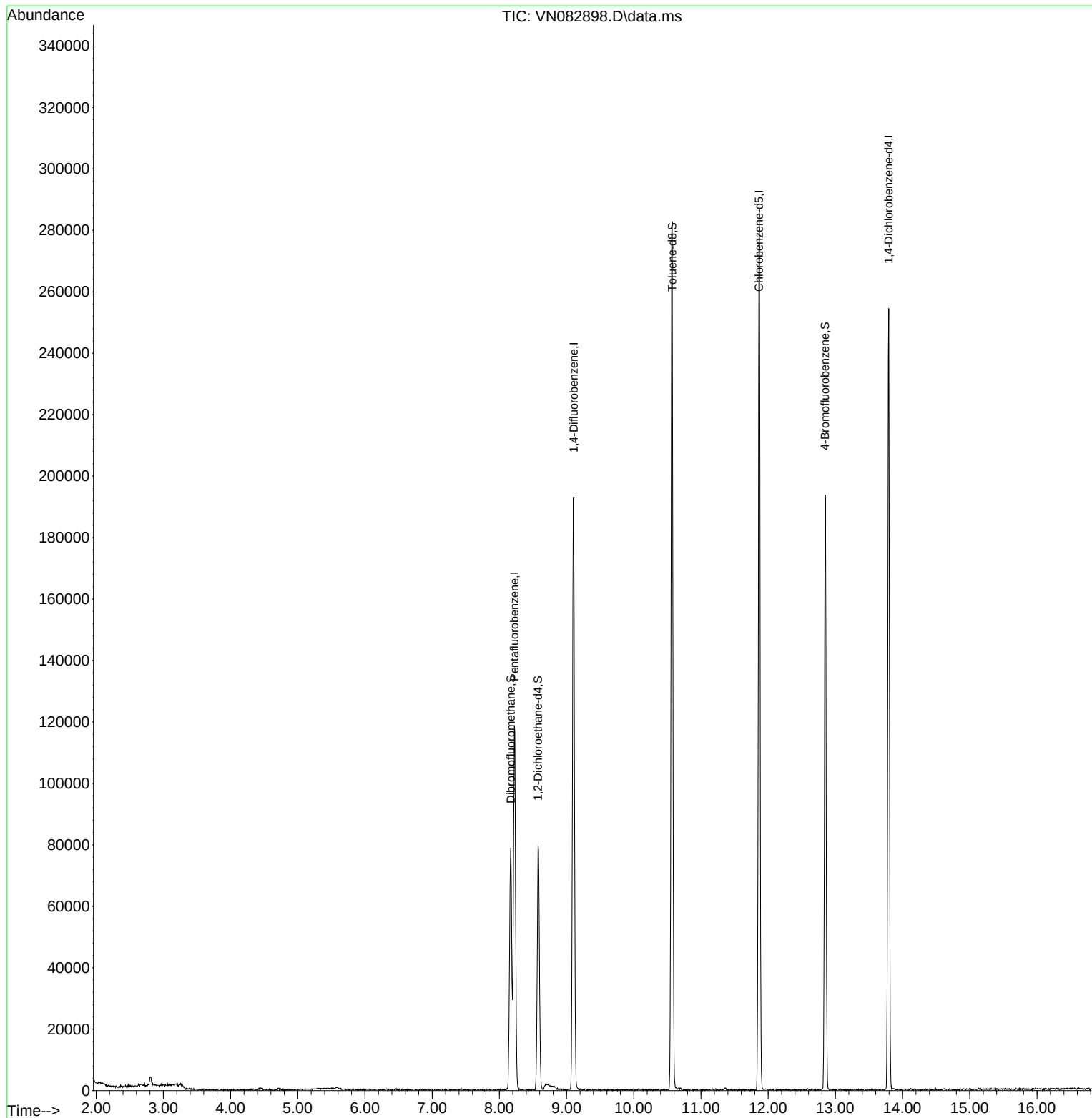
Target Compounds	Qvalue

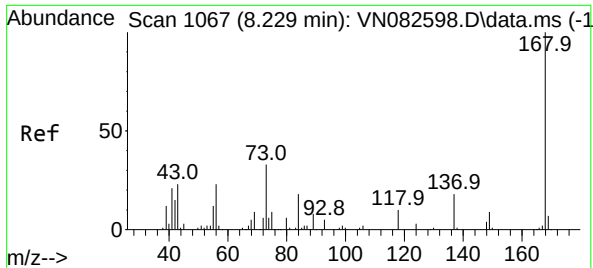
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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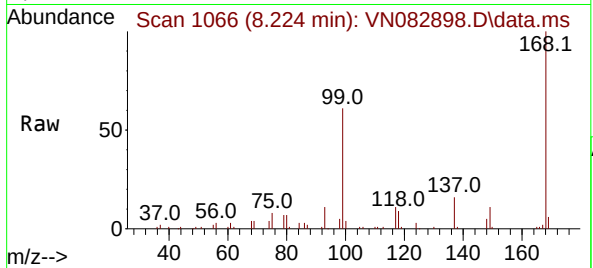
Quant Time: Jul 15 01:12:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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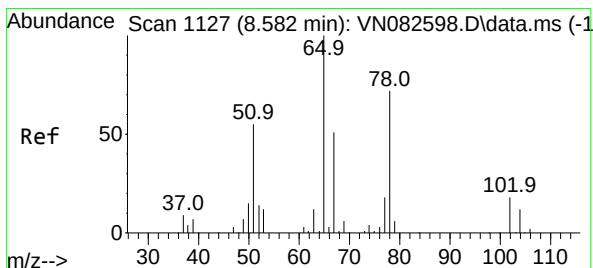
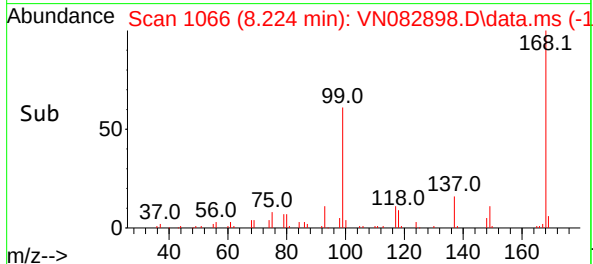
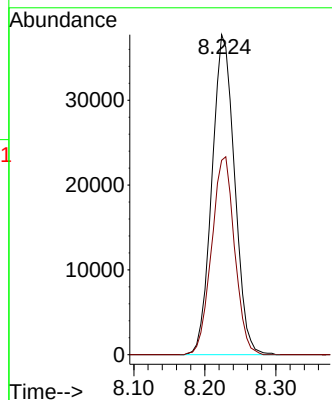


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240710

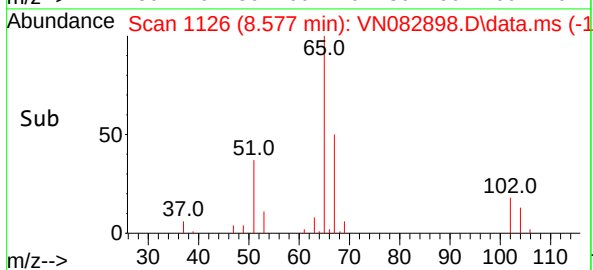
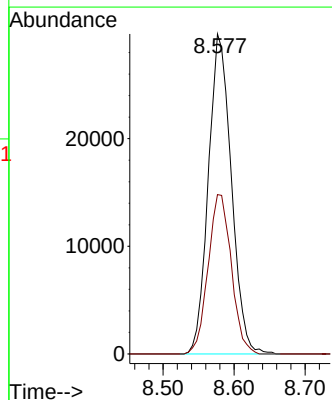
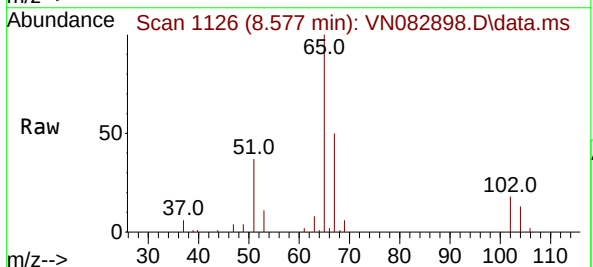


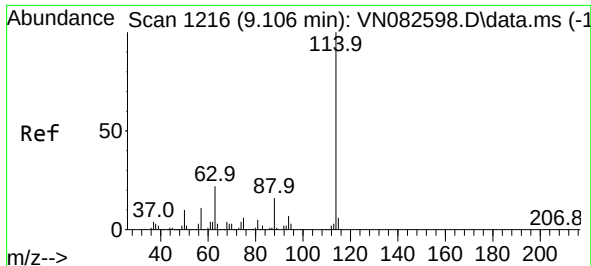
Tgt Ion:168 Resp: 83577
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.980 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082898.D
Acq: 12 Jul 2024 14:40

Tgt Ion: 65 Resp: 66757
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# 114

Delta R.T. -0.000 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

VPB189-HYD-20240710

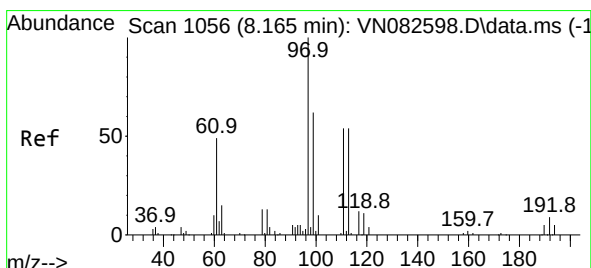
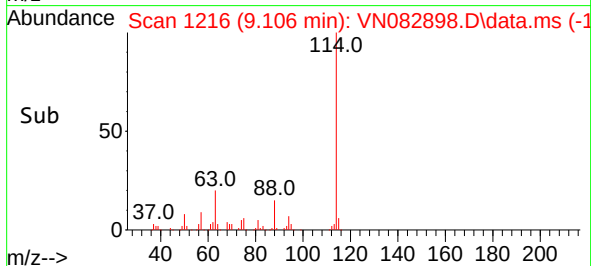
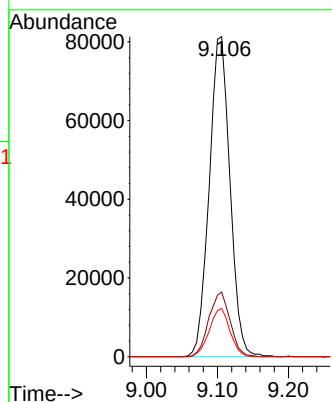
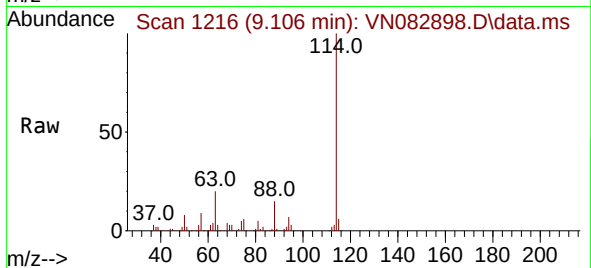
Tgt Ion:114 Resp: 165098

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

88 15.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.146 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

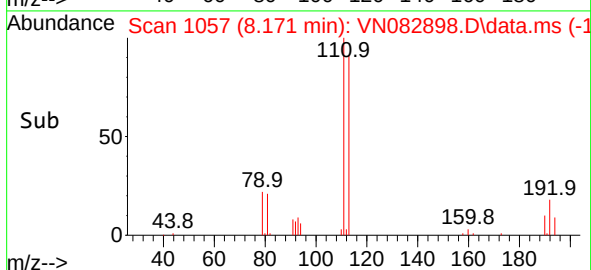
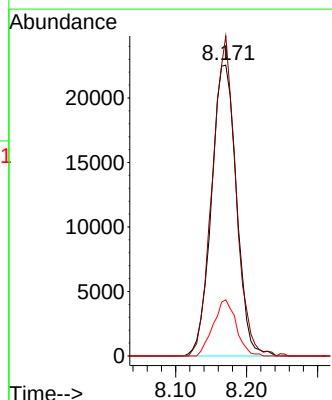
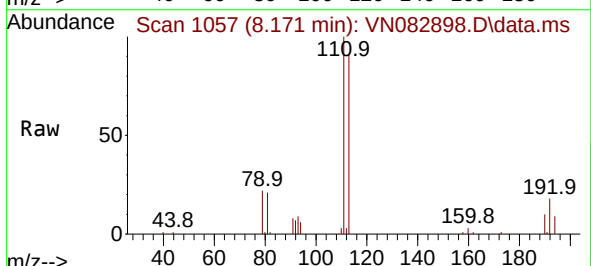
Tgt Ion:113 Resp: 55243

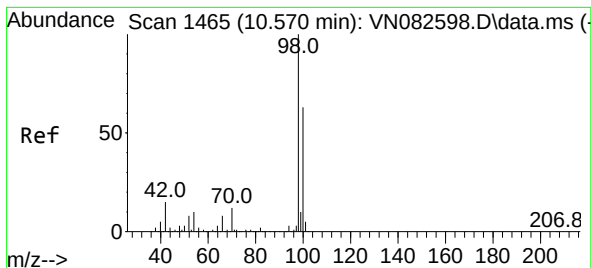
Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 17.7 14.9 22.3





#50

Toluene-d8

Concen: 50.315 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

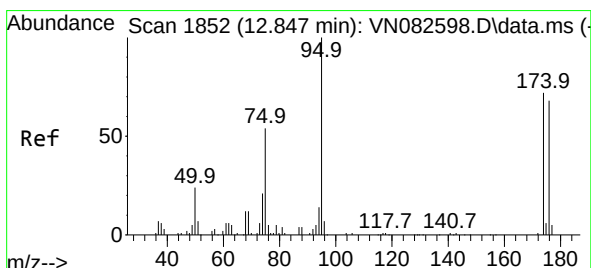
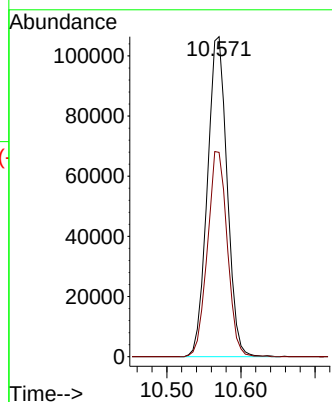
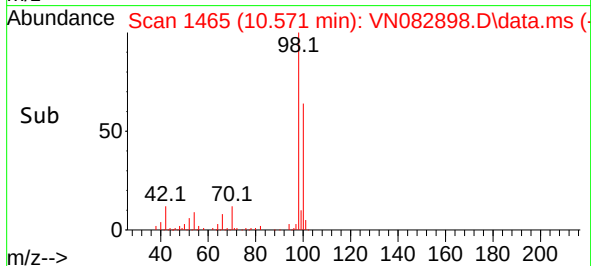
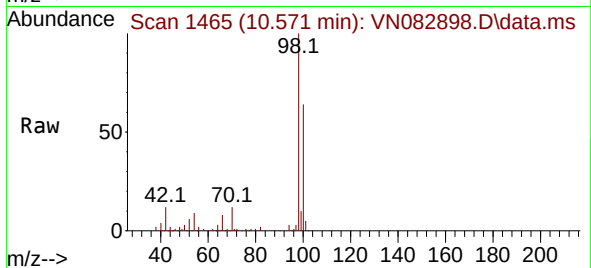
VPB189-HYD-20240710

Tgt Ion: 98 Resp: 196873

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.355 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

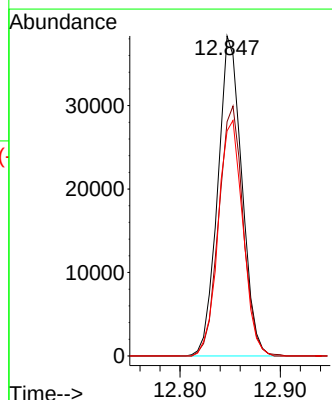
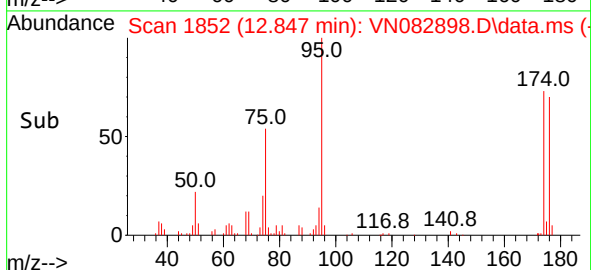
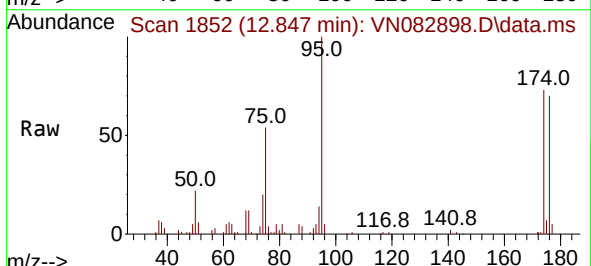
Tgt Ion: 95 Resp: 63748

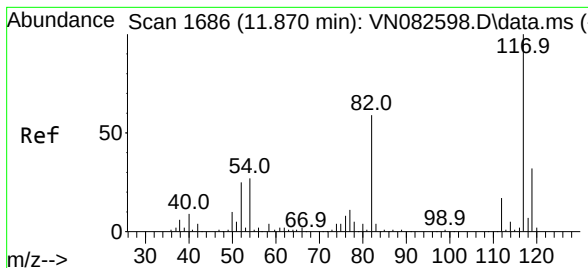
Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.2

176 75.4 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082898.D

Acq: 12 Jul 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

VPB189-HYD-20240710

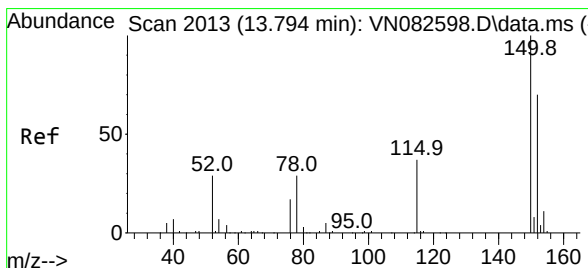
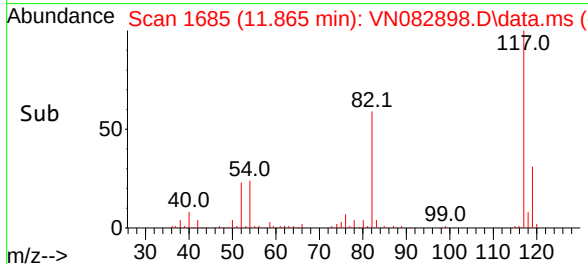
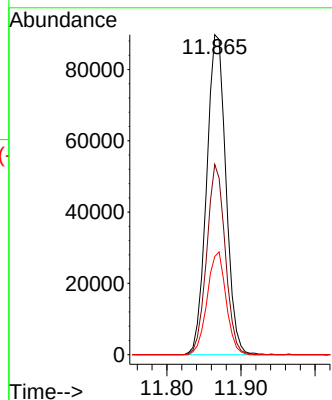
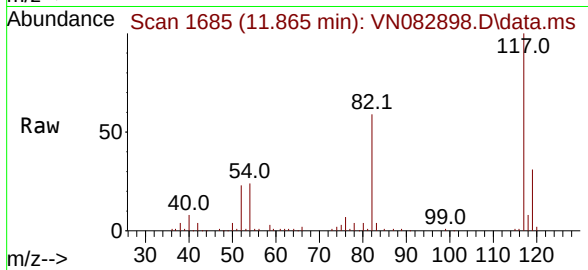
Tgt Ion:117 Resp: 162131

Ion Ratio Lower Upper

117 100

82 59.5 47.5 71.3

119 30.6 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: VN082898.D

Acq: 12 Jul 2024 14:40

Tgt Ion:152 Resp: 66491

Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.6

150 159.6 0.0 348.6

