

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077849.D
 Acq On : 24 May 2023 13:39
 Operator : JC\MD
 Sample : VN0524WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBL01

Quant Time: May 25 01:41:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	407002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	749540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	668294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	232060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	276884	45.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.940%
35) Dibromofluoromethane	8.177	113	239889	49.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	10.571	98	921462	48.980	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.859	95	307757	46.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.640%

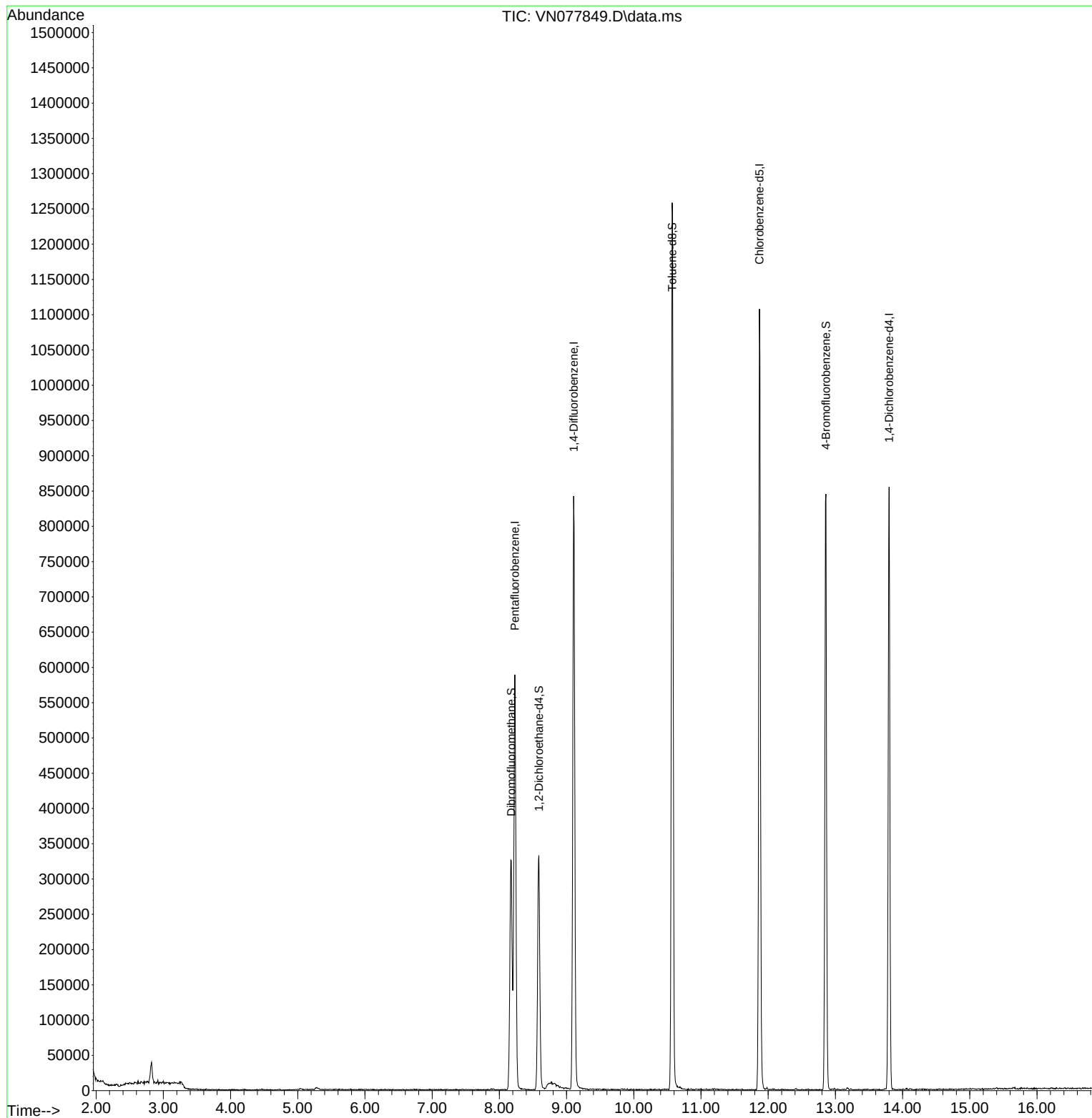
Target Compounds	Qvalue

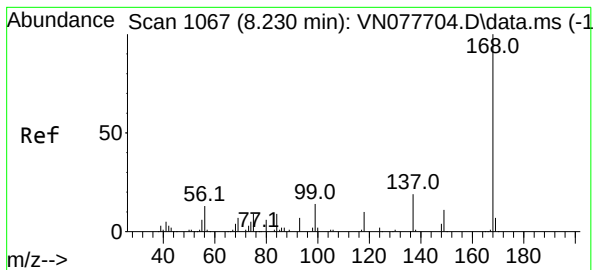
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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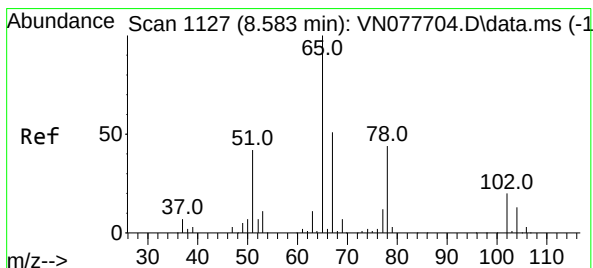
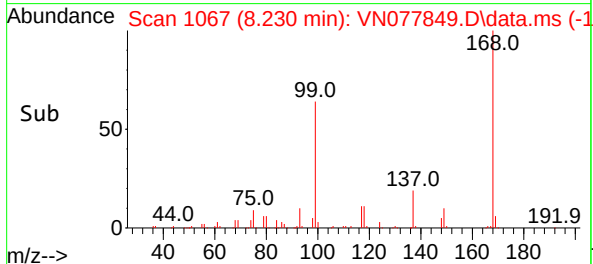
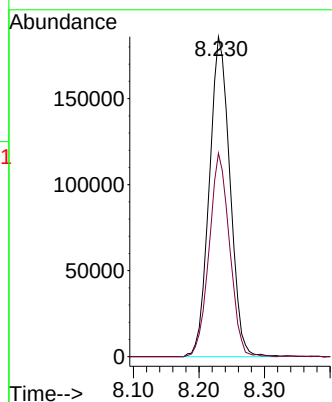
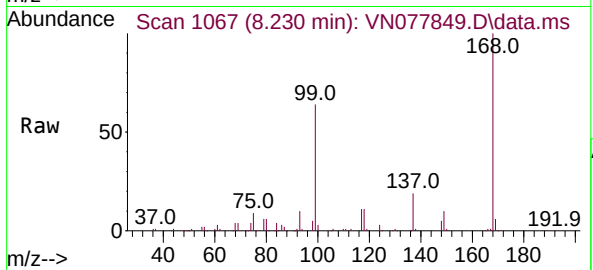




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077849.D
Acq: 24 May 2023 13:39

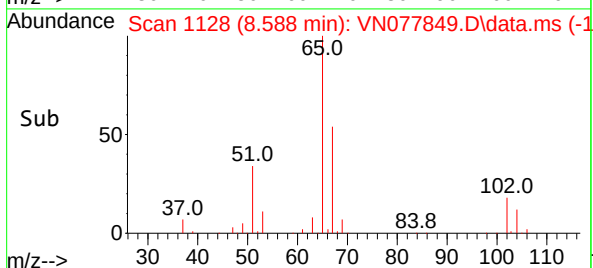
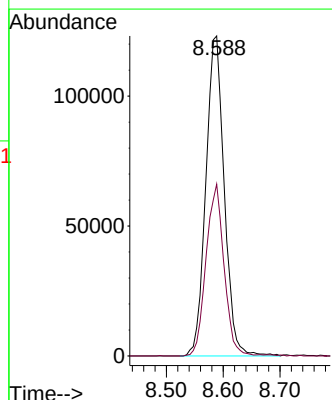
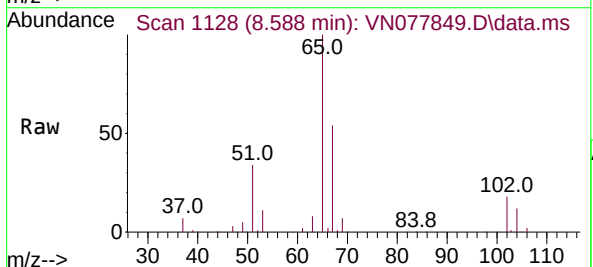
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBL01

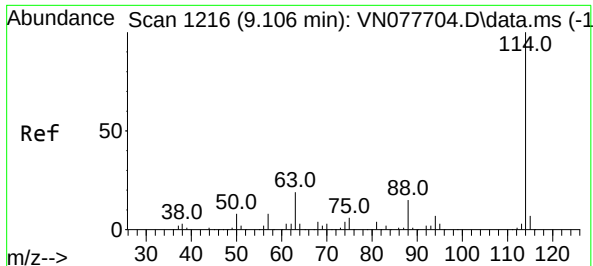
Tgt Ion:168 Resp: 407002
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.467 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077849.D
Acq: 24 May 2023 13:39

Tgt Ion: 65 Resp: 276884
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077849.D

Acq: 24 May 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBL01

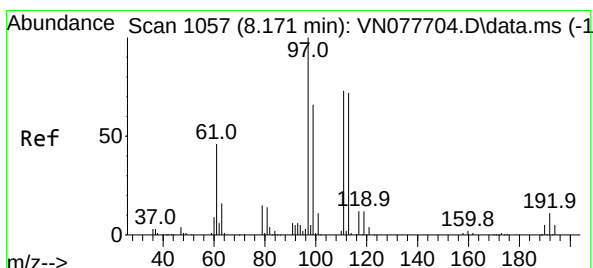
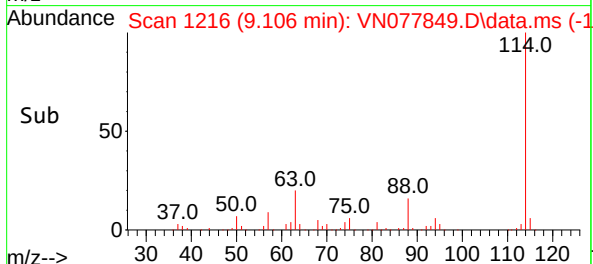
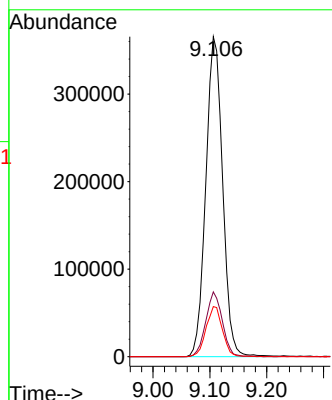
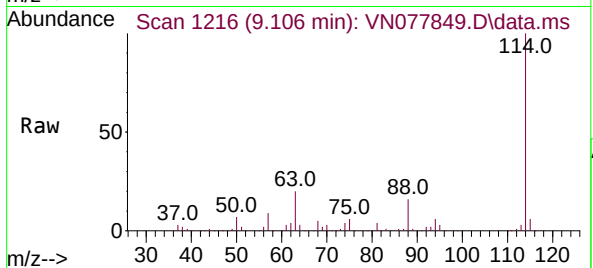
Tgt Ion:114 Resp: 749540

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.080 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077849.D

Acq: 24 May 2023 13:39

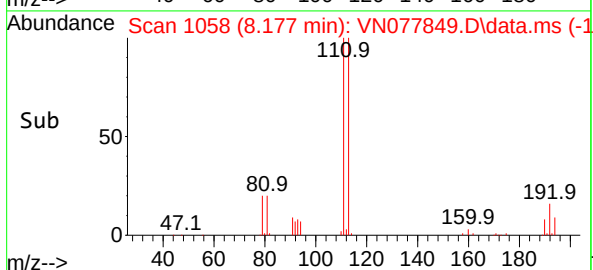
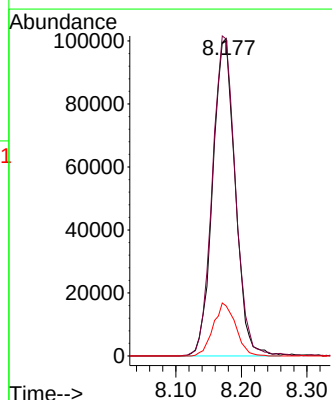
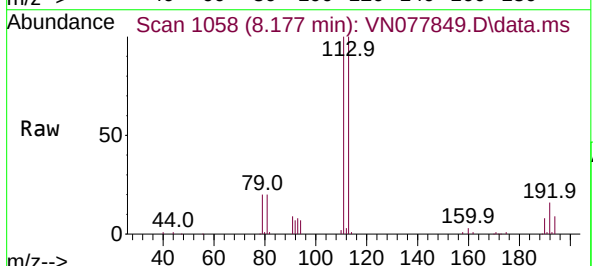
Tgt Ion:113 Resp: 239889

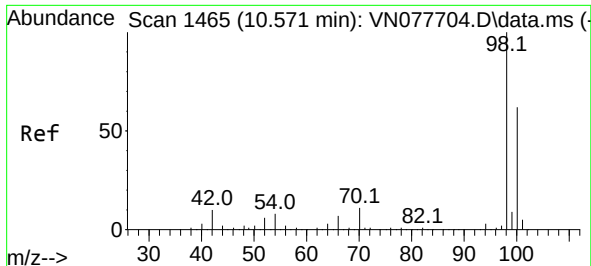
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 16.6 12.7 19.1

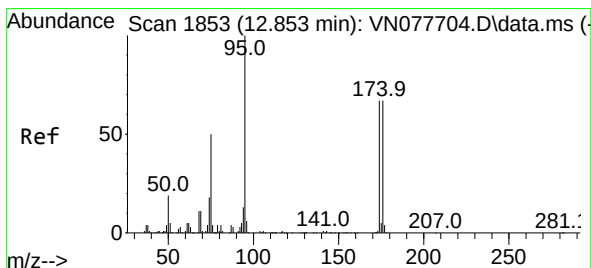
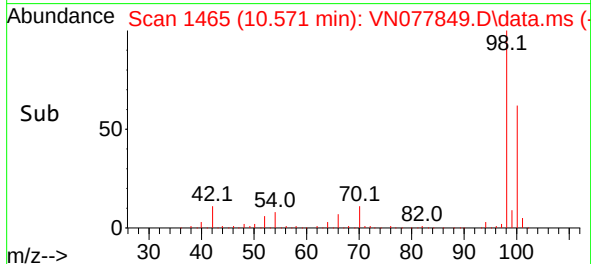
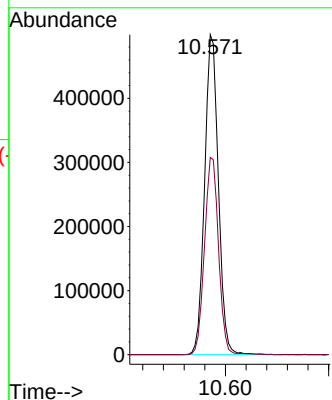
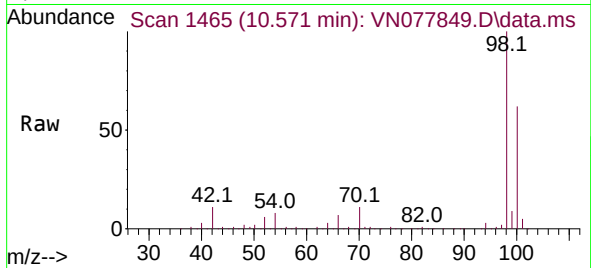




#50
Toluene-d8
Concen: 48.980 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077849.D
Acq: 24 May 2023 13:39

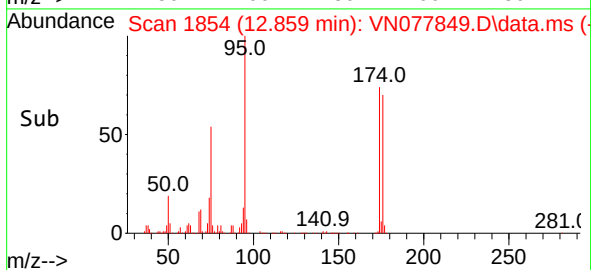
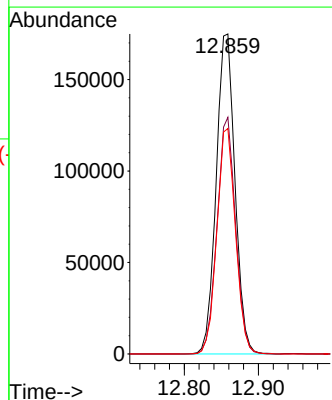
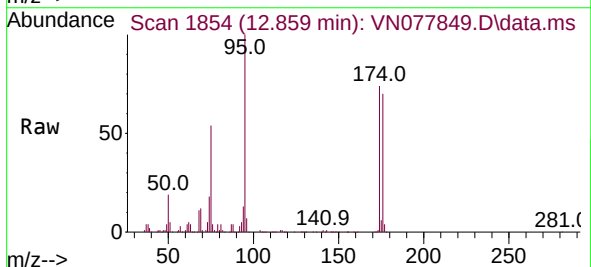
Instrument :
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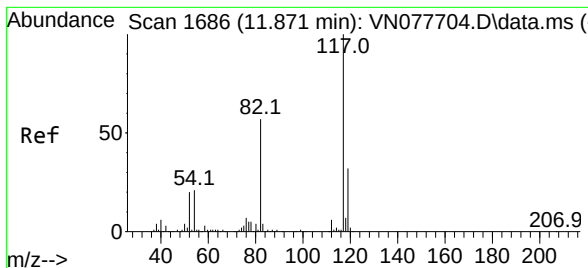
Tgt Ion: 98 Resp: 921462
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.318 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077849.D
Acq: 24 May 2023 13:39

Tgt Ion: 95 Resp: 307757
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 69.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077849.D

Acq: 24 May 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBL01

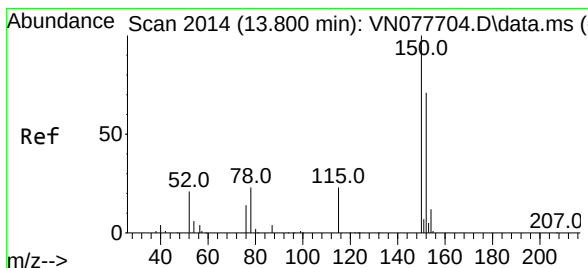
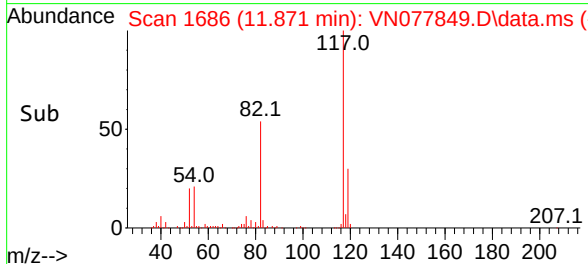
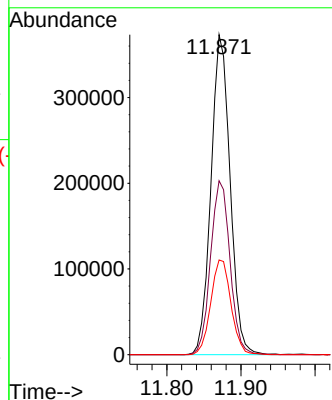
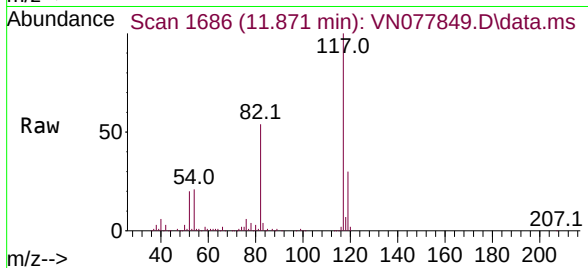
Tgt Ion:117 Resp: 668294

Ion Ratio Lower Upper

117 100

82 54.4 44.0 66.0

119 29.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077849.D

Acq: 24 May 2023 13:39

Tgt Ion:152 Resp: 232060

Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 155.7 0.0 355.8

