

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078065.D
 Acq On : 06 Jun 2023 12:39
 Operator : JC\MD
 Sample : VN0606WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBL01

Quant Time: Jun 07 01:20:30 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	8.236	168	384151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	702804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	606986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	260956	45.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.800%
35) Dibromofluoromethane	8.171	113	223175	48.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	10.571	98	864247	48.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.853	95	267057	42.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.740%

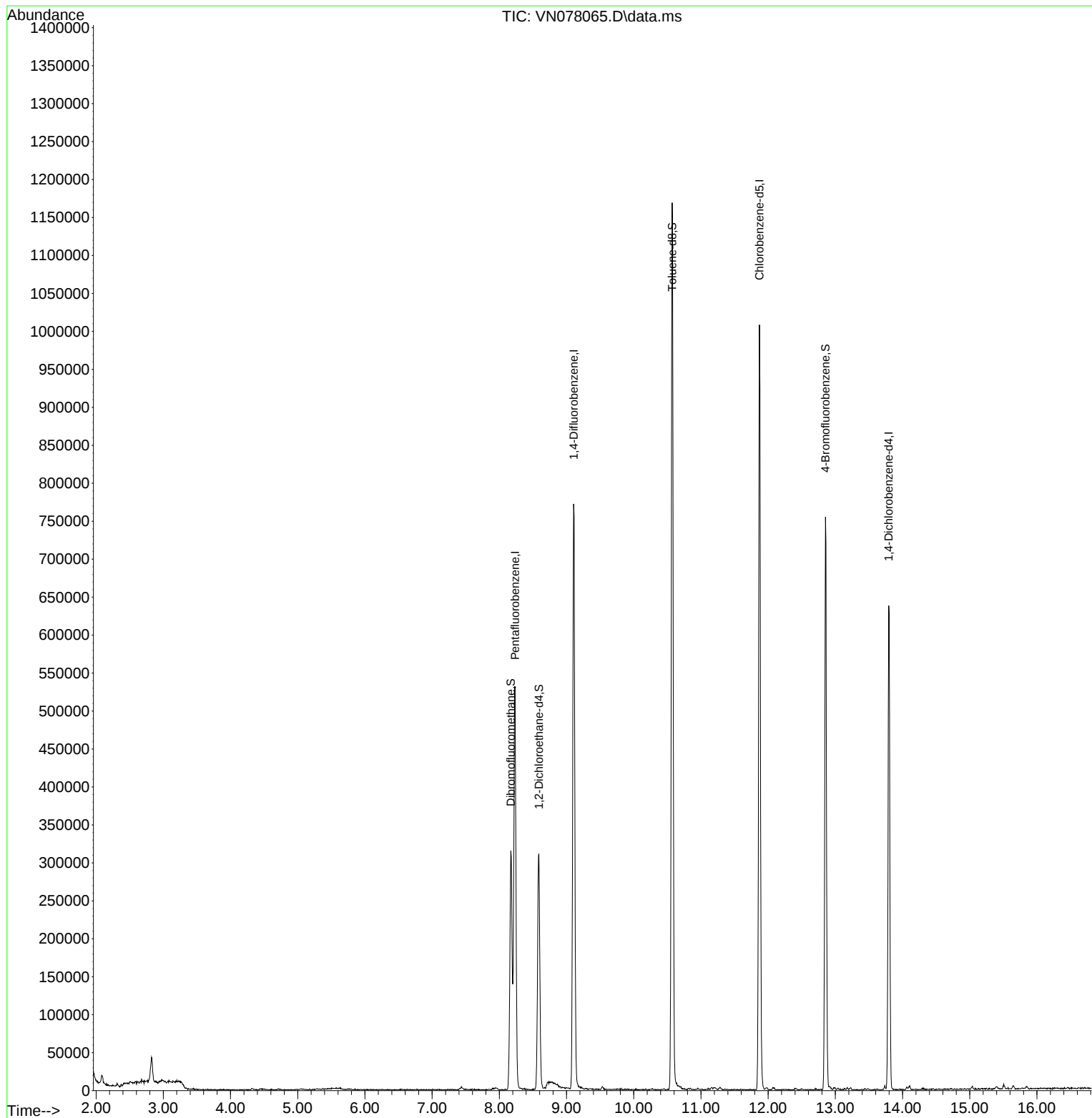
Target Compounds	Qvalue

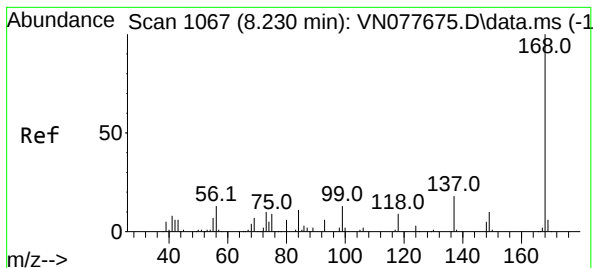
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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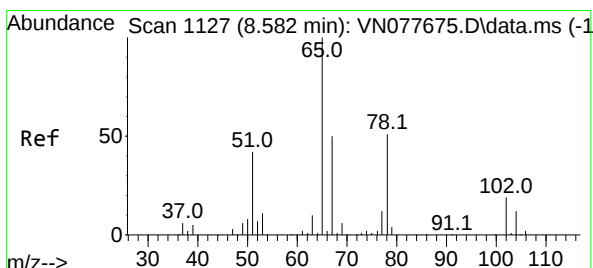
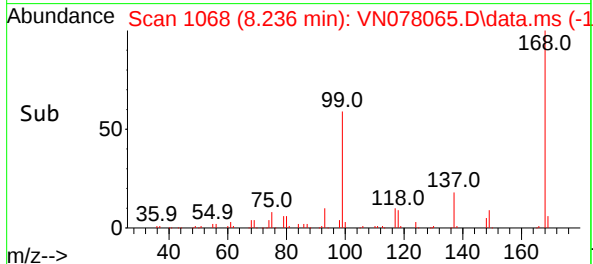
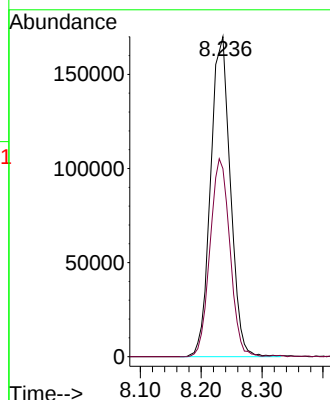
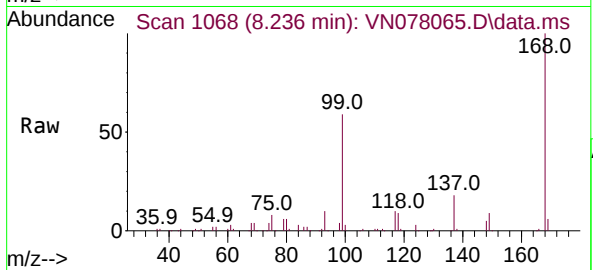




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

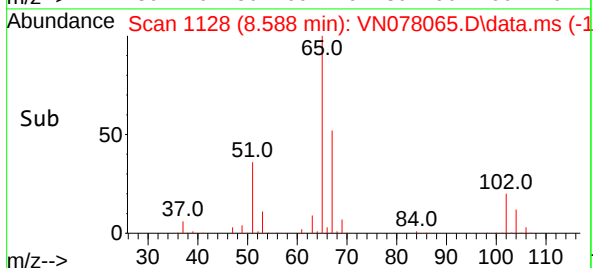
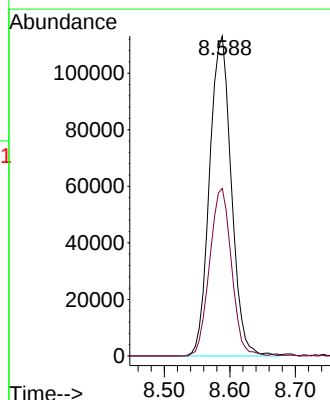
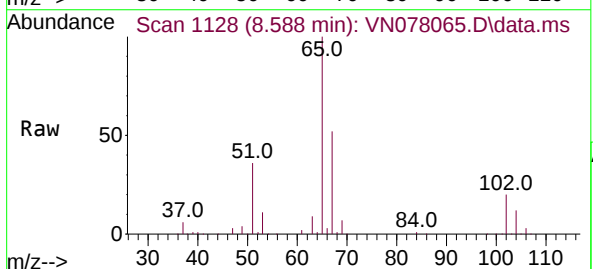
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

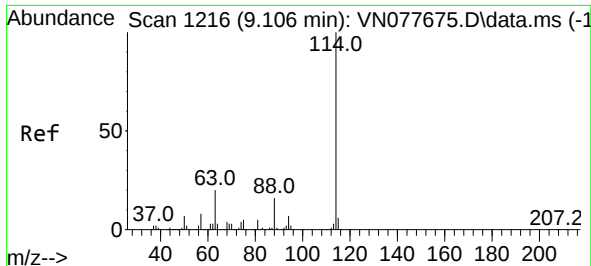
Tgt Ion:168 Resp: 384151
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.400 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion: 65 Resp: 260956
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

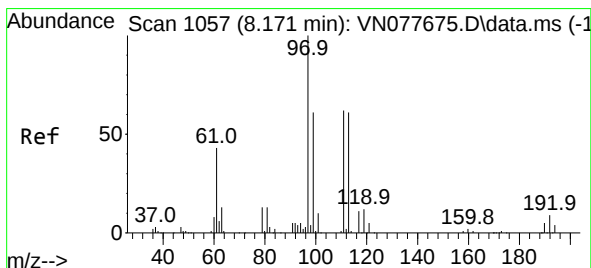
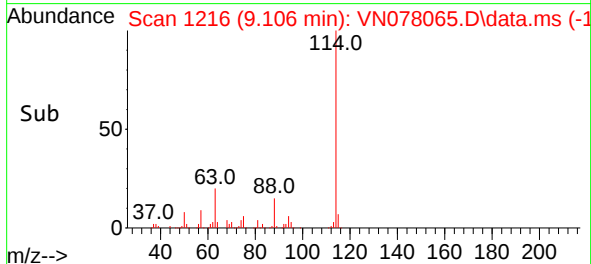
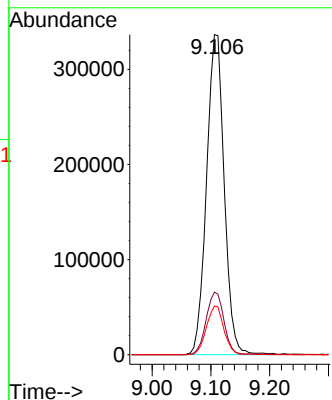
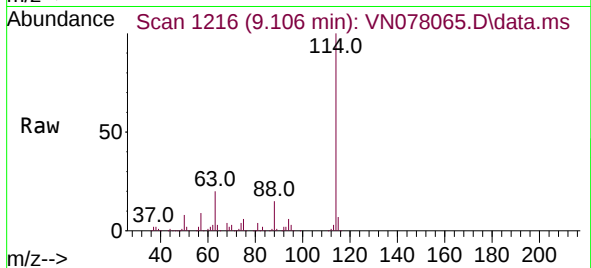




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

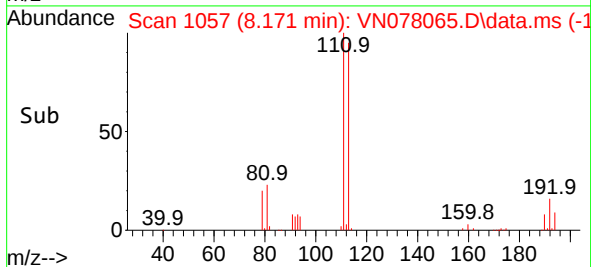
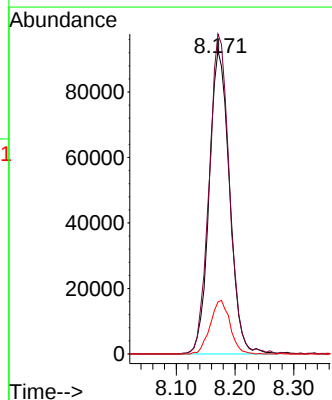
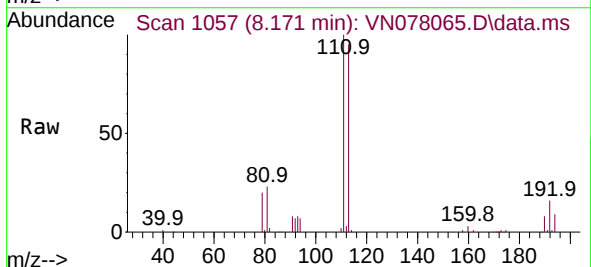
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

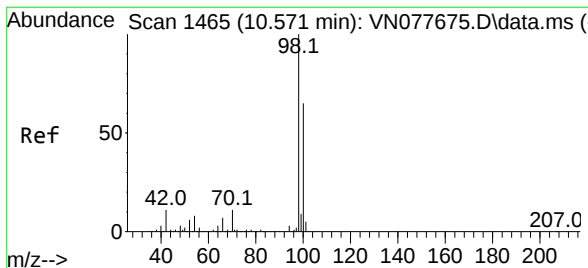
Tgt Ion:114 Resp: 702804
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.697 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion:113 Resp: 223175
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 17.2 12.7 19.1

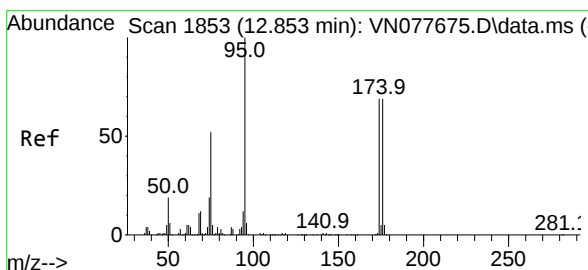
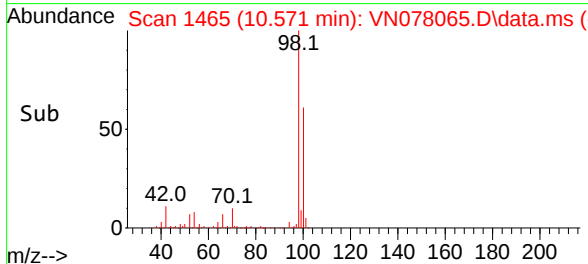
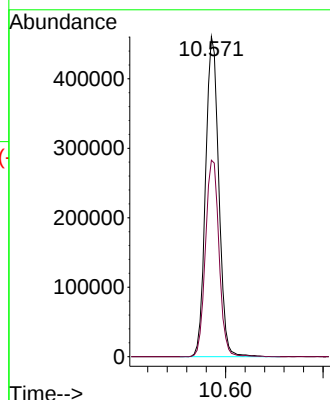
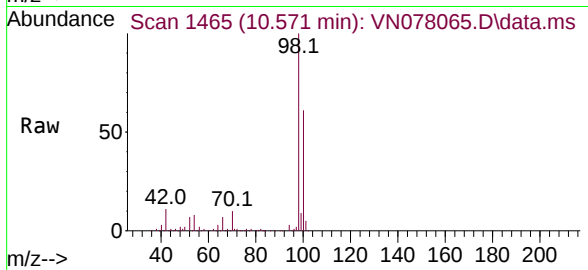




#50
Toluene-d8
Concen: 48.994 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

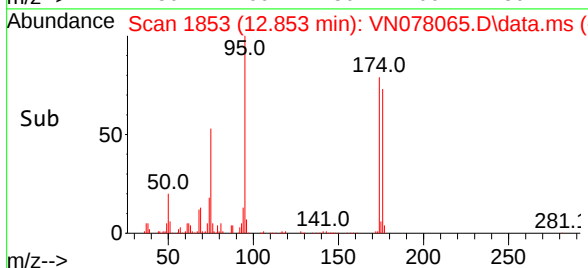
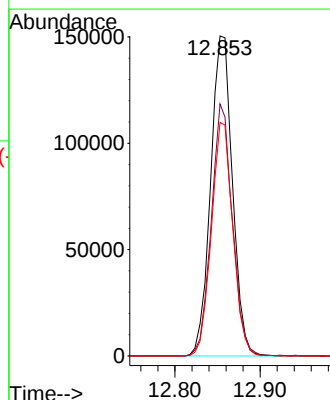
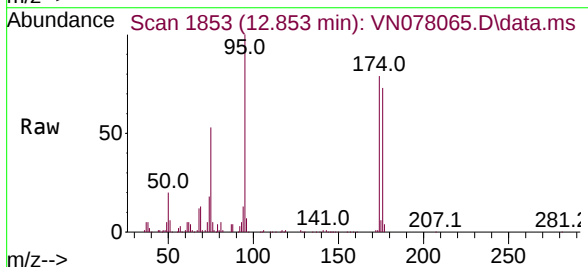
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBL01

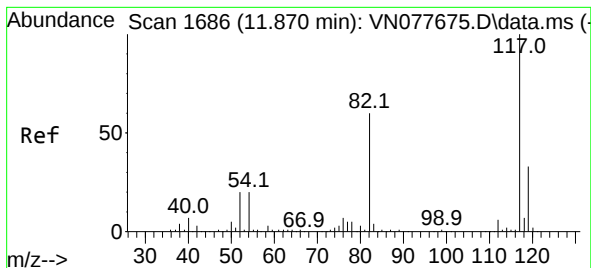
Tgt Ion: 98 Resp: 864247
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.866 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078065.D
Acq: 06 Jun 2023 12:39

Tgt Ion: 95 Resp: 267057
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 71.6 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: VN078065.D

Acq: 06 Jun 2023 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBL01

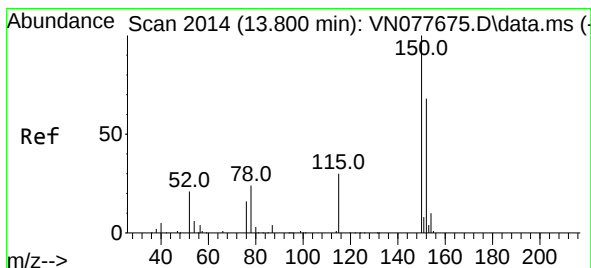
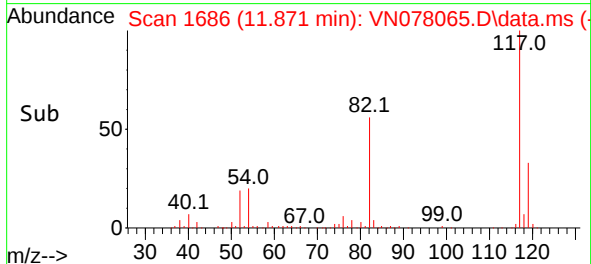
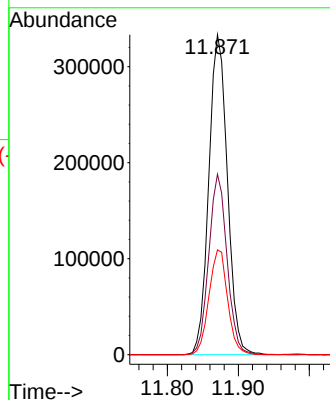
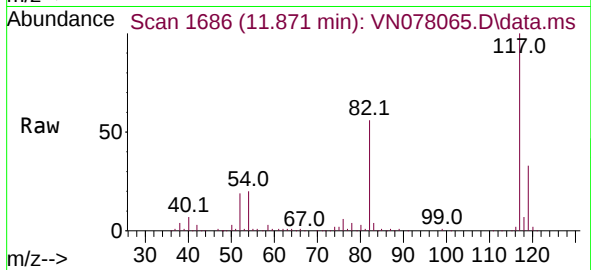
Tgt Ion:117 Resp: 606986

Ion Ratio Lower Upper

117 100

82 56.4 44.0 66.0

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078065.D

Acq: 06 Jun 2023 12:39

Tgt Ion:152 Resp: 178448

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 156.5 0.0 355.8

