

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077719.D
 Acq On : 17 May 2023 17:19
 Operator : JC\MD
 Sample : 02831-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-5

Quant Time: May 18 01:40:17 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	350065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	645442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	205061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	250788	47.880	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.760%
35) Dibromofluoromethane	8.177	113	207474	49.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.580%
50) Toluene-d8	10.571	98	786533	48.551	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.853	95	244610	42.752	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.500%

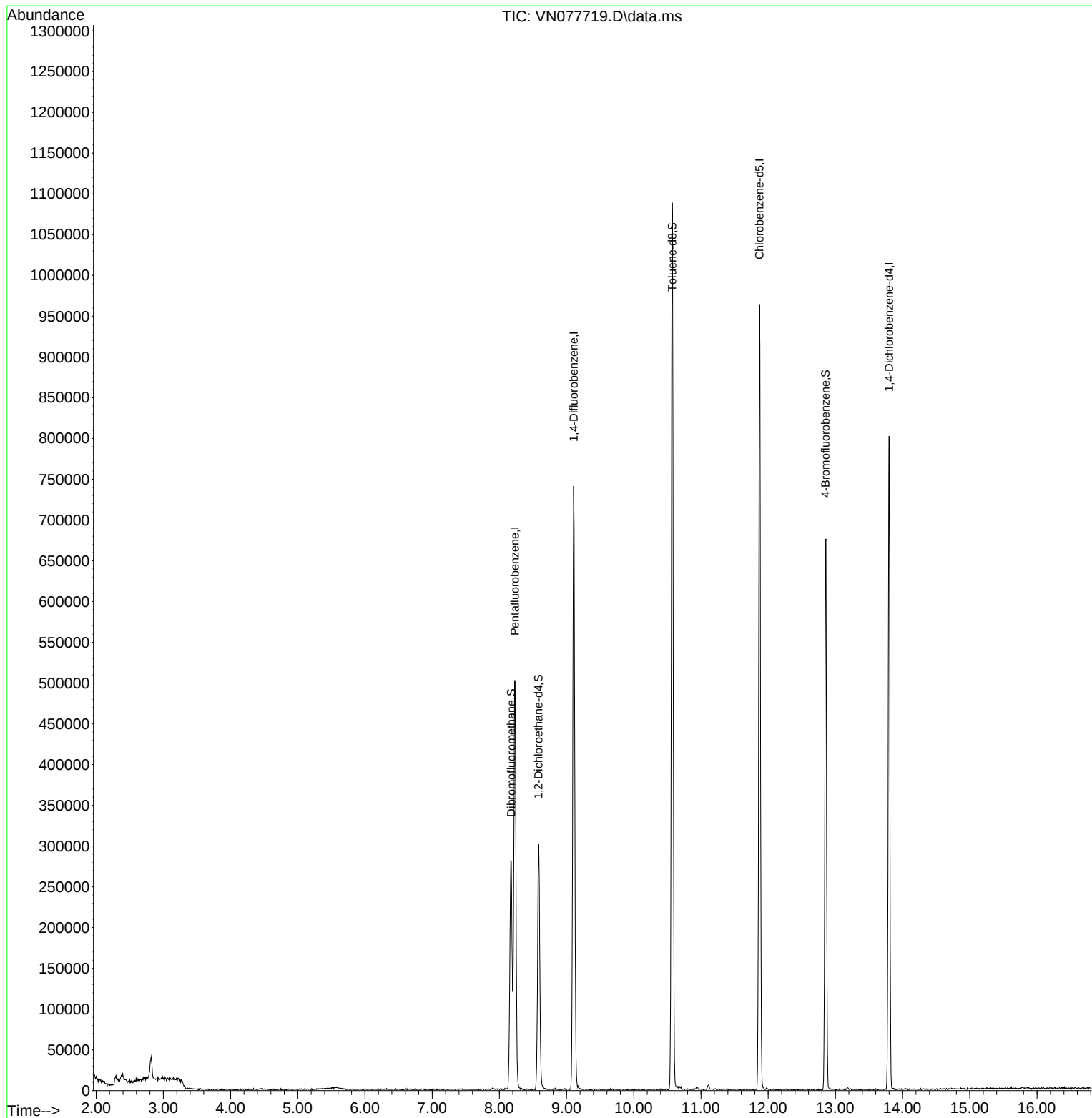
Target Compounds	Qvalue

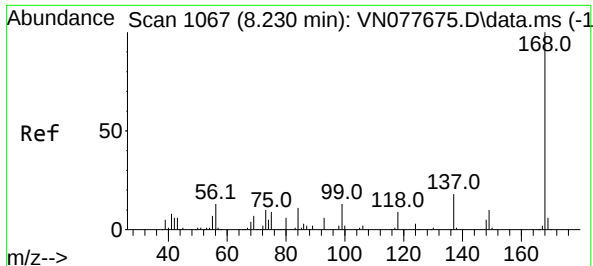
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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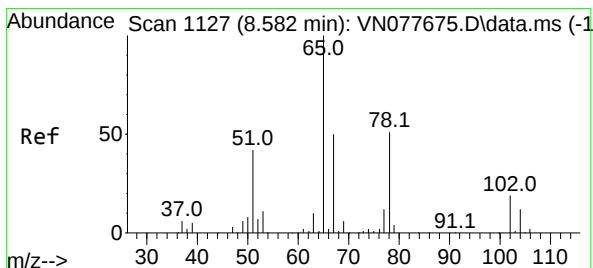
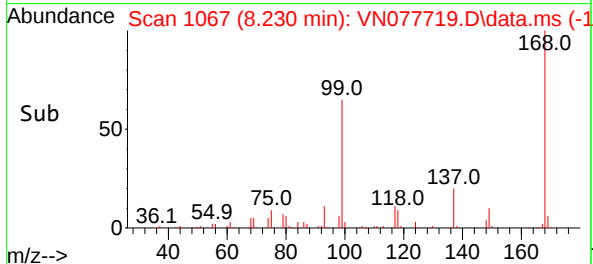
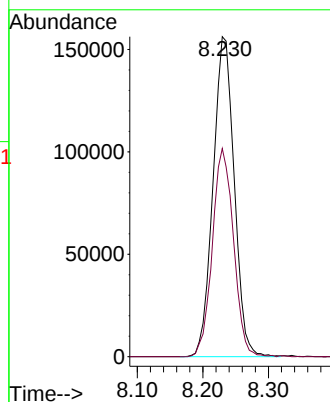
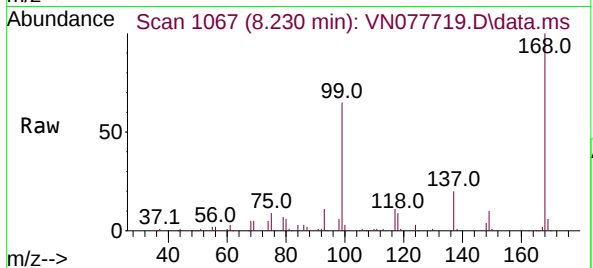




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077719.D
Acq: 17 May 2023 17:19

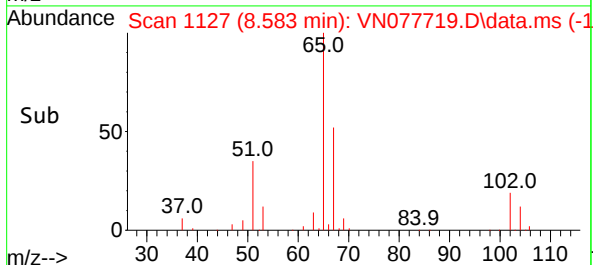
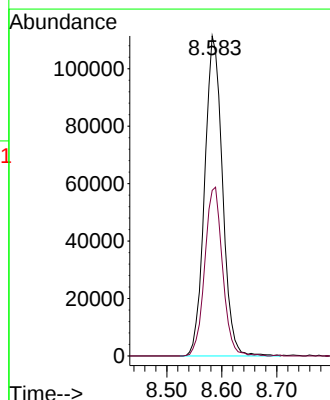
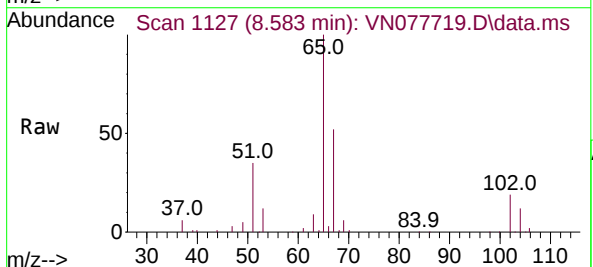
Instrument :
MSVOA_N
ClientSampleId :
MP-5

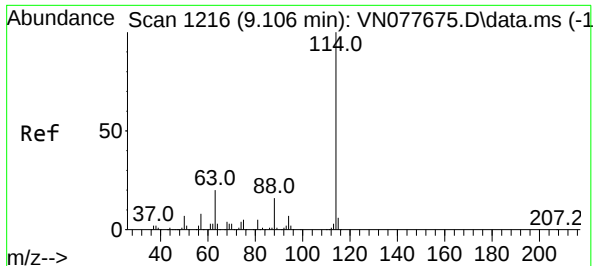
Tgt Ion:168 Resp: 350065
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.880 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077719.D
Acq: 17 May 2023 17:19

Tgt Ion: 65 Resp: 250788
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

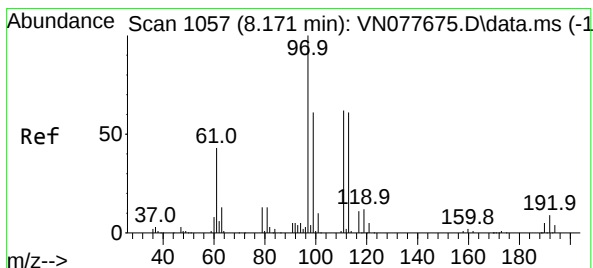
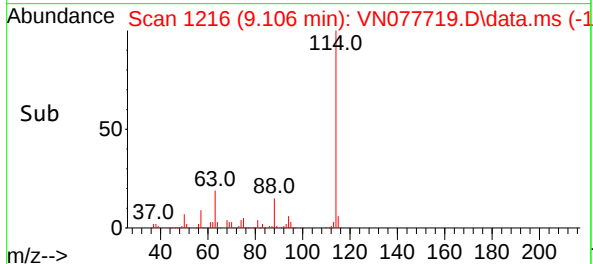
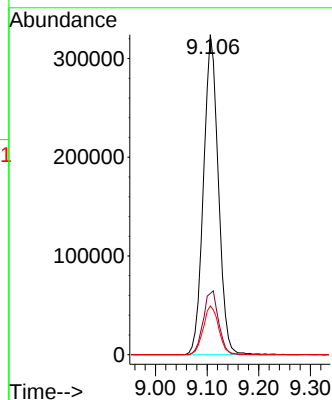
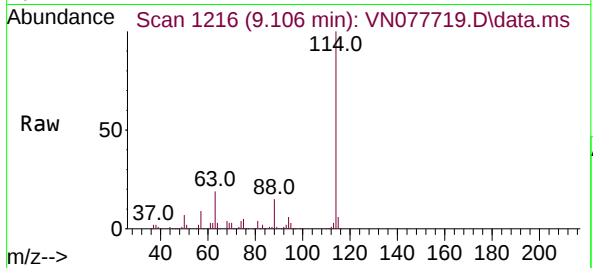




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077719.D
Acq: 17 May 2023 17:19

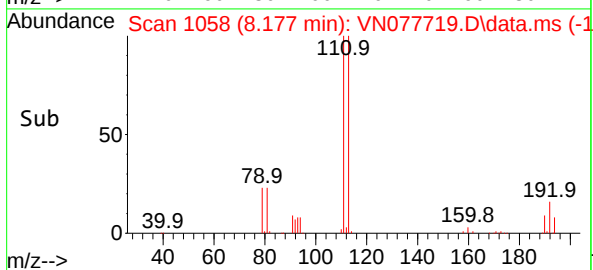
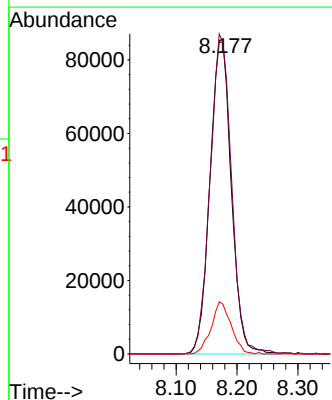
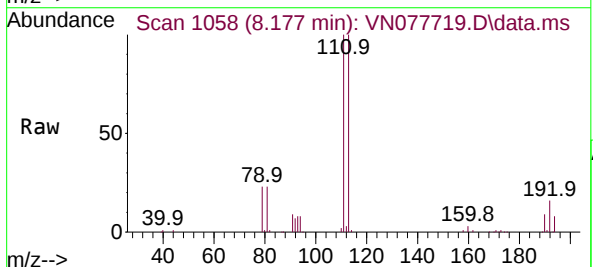
Instrument :
MSVOA_N
ClientSampleId :
MP-5

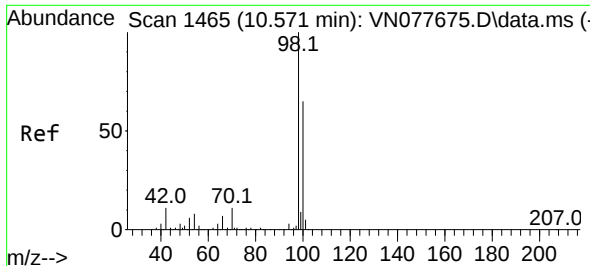
Tgt Ion:114 Resp: 645442
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077719.D
Acq: 17 May 2023 17:19

Tgt Ion:113 Resp: 207474
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 15.5 12.7 19.1

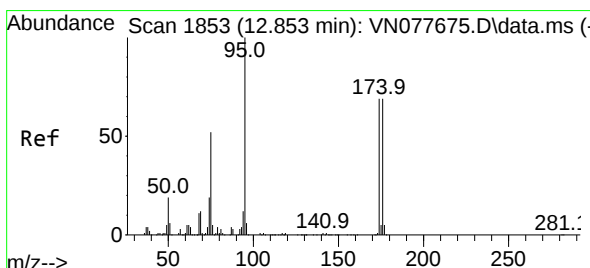
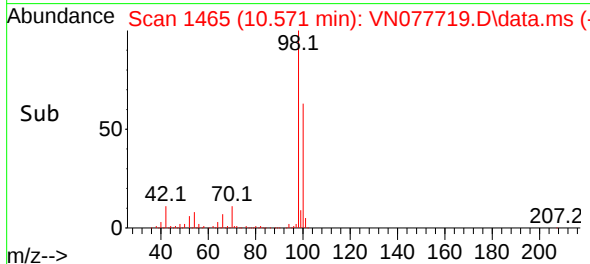
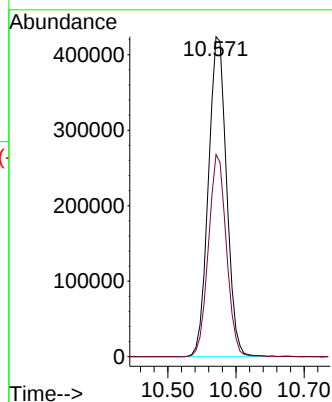
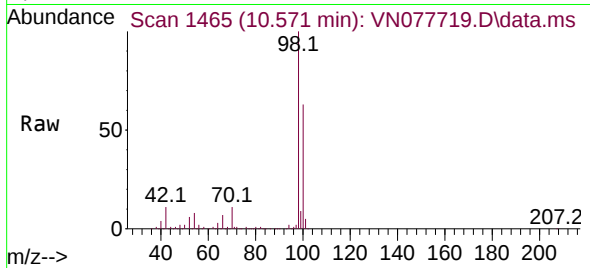




#50
Toluene-d8
Concen: 48.551 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077719.D
Acq: 17 May 2023 17:19

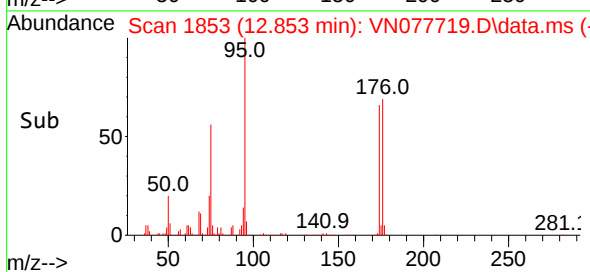
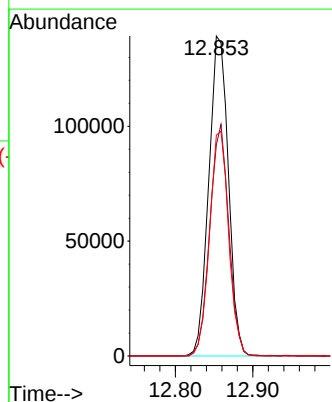
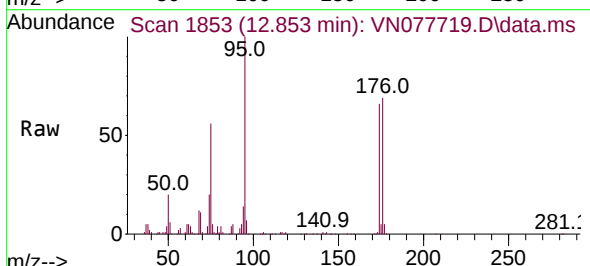
Instrument :
MSVOA_N
ClientSampleId :
MP-5

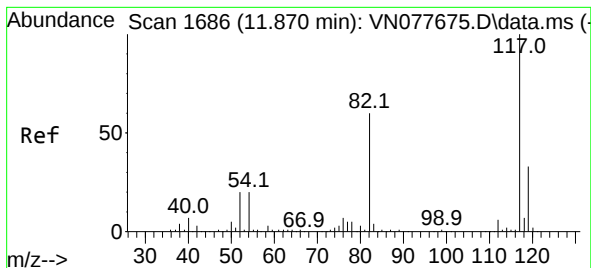
Tgt Ion: 98 Resp: 786533
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.752 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077719.D
Acq: 17 May 2023 17:19

Tgt Ion: 95 Resp: 244610
Ion Ratio Lower Upper
95 100
174 70.0 0.0 143.8
176 68.4 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: VN077719.D

Acq: 17 May 2023 17:19

Instrument :

MSVOA_N

ClientSampleId :

MP-5

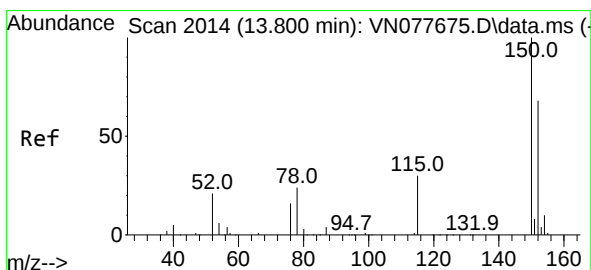
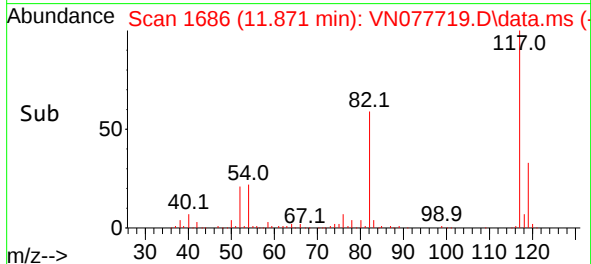
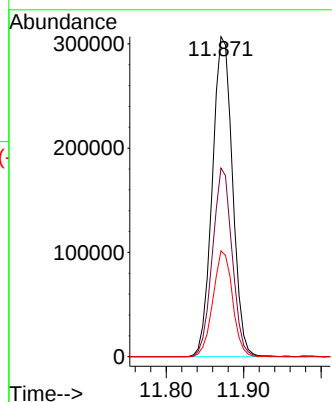
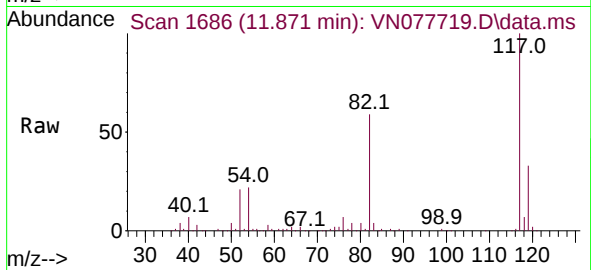
Tgt Ion:117 Resp: 557039

Ion Ratio Lower Upper

117 100

82 59.0 44.0 66.0

119 33.1 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: VN077719.D

Acq: 17 May 2023 17:19

Tgt Ion:152 Resp: 205061

Ion Ratio Lower Upper

152 100

115 66.1 32.3 96.8

150 159.7 0.0 355.8

