

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077868.D
 Acq On : 24 May 2023 23:49
 Operator : JC\MD
 Sample : VN0524MBL03
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBL03

Quant Time: May 25 01:45:32 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	8.235	168	369388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	655565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	564327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	178357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249425	45.129	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.260%
35) Dibromofluoromethane	8.177	113	213327	49.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	10.571	98	807394	49.069	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.853	95	235104	40.456	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.920%#

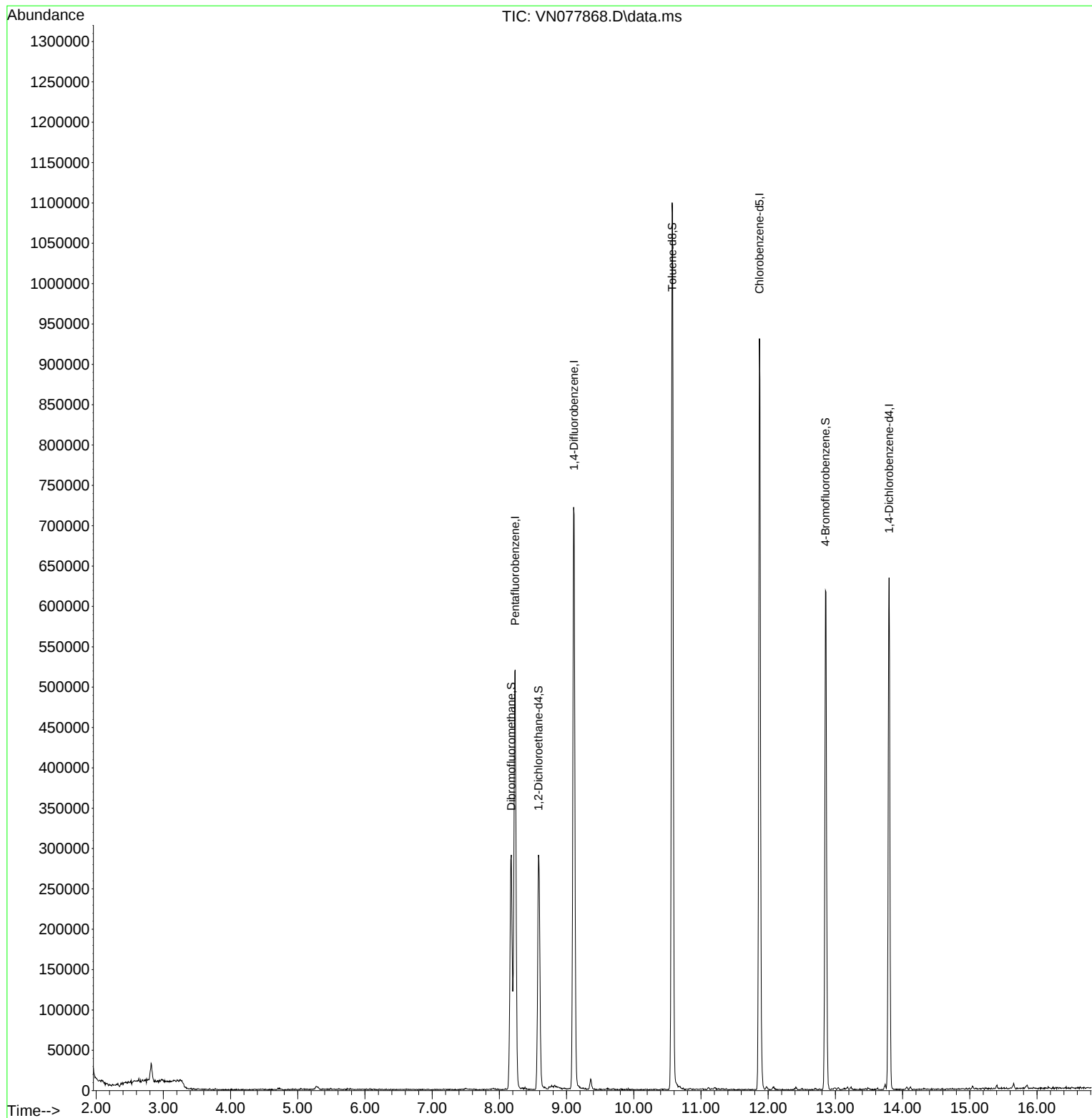
Target Compounds	Qvalue

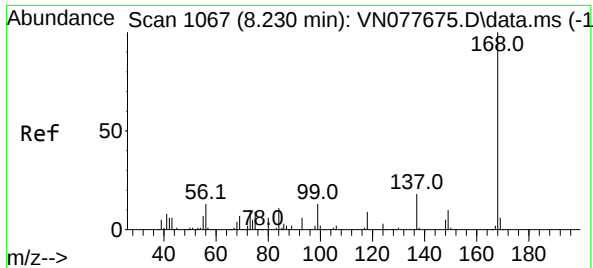
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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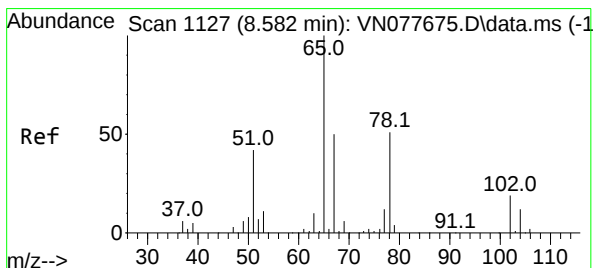
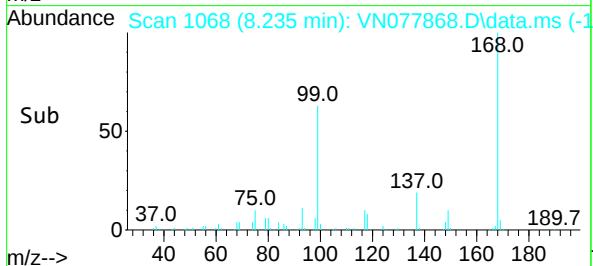
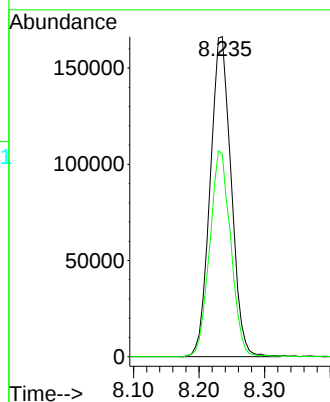
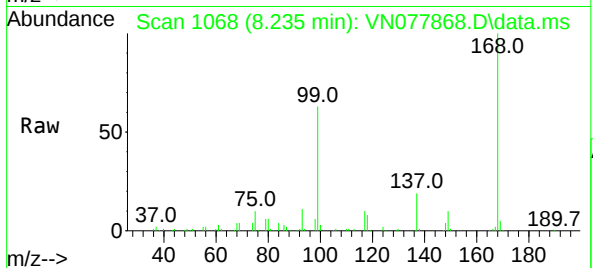




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077868.D
Acq: 24 May 2023 23:49

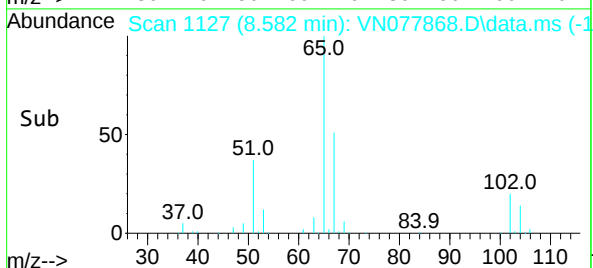
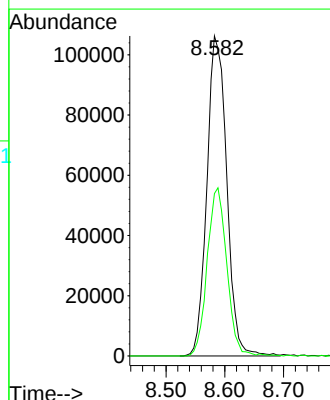
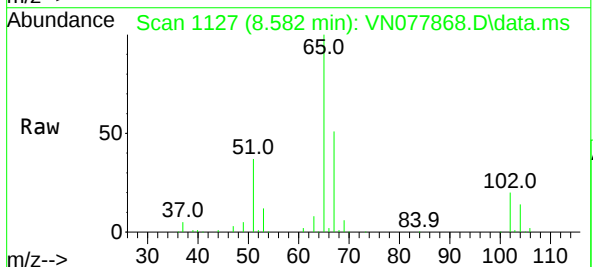
Instrument :
MSVOA_N
ClientSampleId :
VN0524MBL03

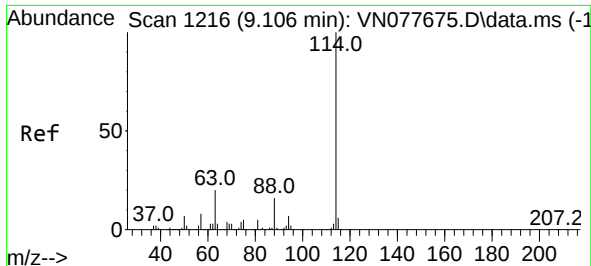
Tgt Ion:168 Resp: 369388
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.129 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077868.D
Acq: 24 May 2023 23:49

Tgt Ion: 65 Resp: 249425
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6

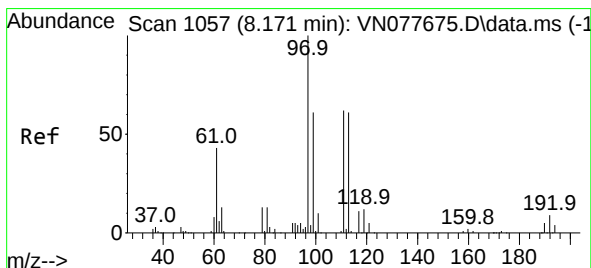
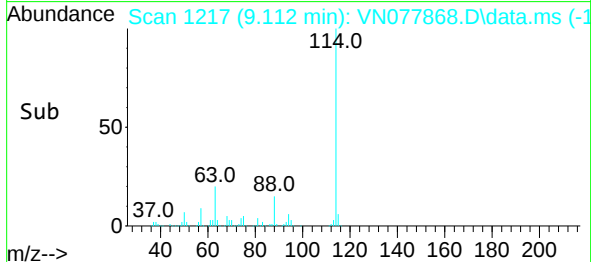
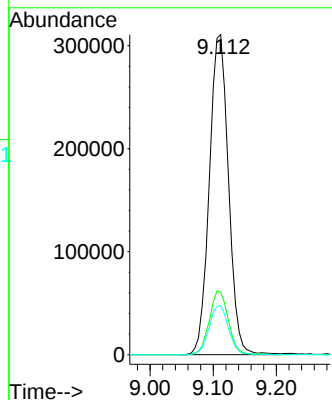
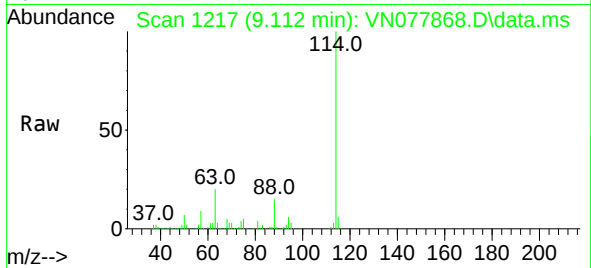




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077868.D
Acq: 24 May 2023 23:49

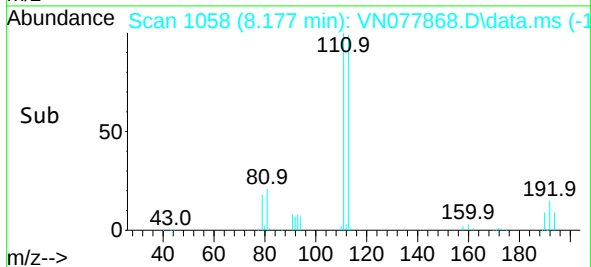
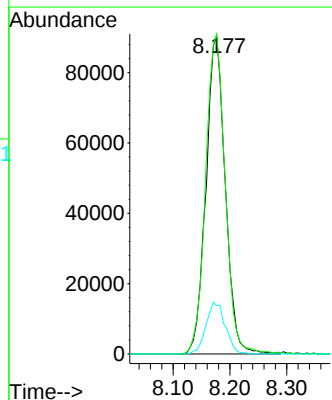
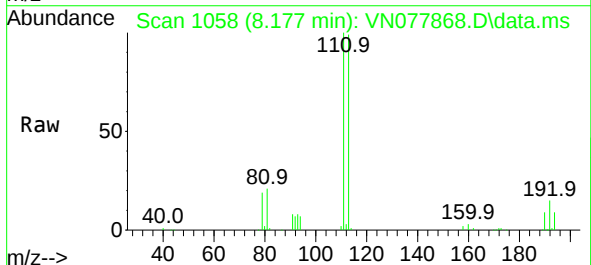
Instrument :
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VN0524MBL03

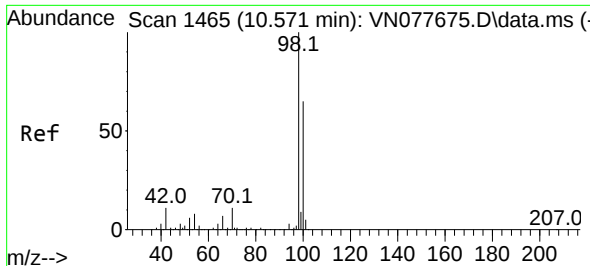
Tgt Ion:114 Resp: 655565
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.903 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077868.D
Acq: 24 May 2023 23:49

Tgt Ion:113 Resp: 213327
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.2 12.7 19.1

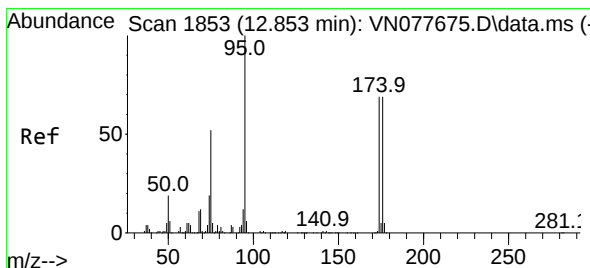
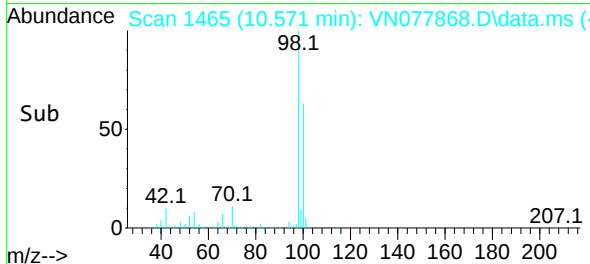
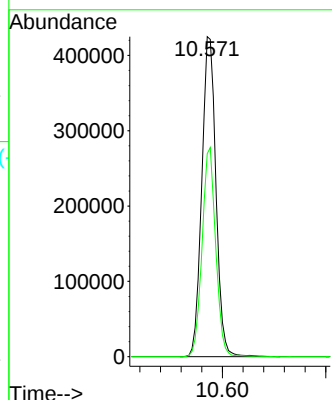
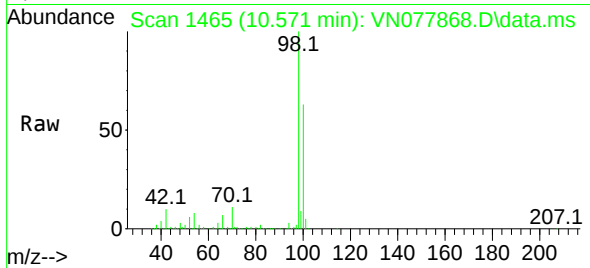




#50
Toluene-d8
Concen: 49.069 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077868.D
Acq: 24 May 2023 23:49

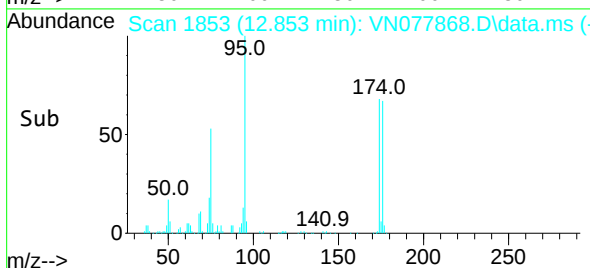
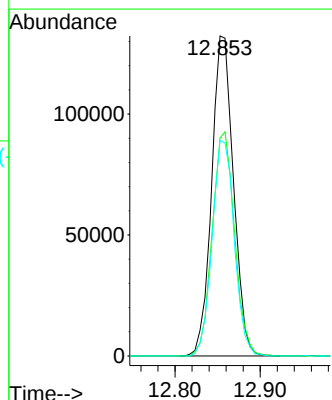
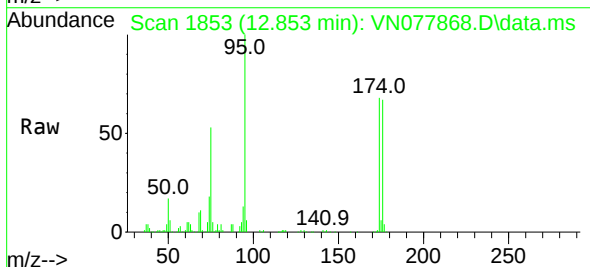
Instrument :
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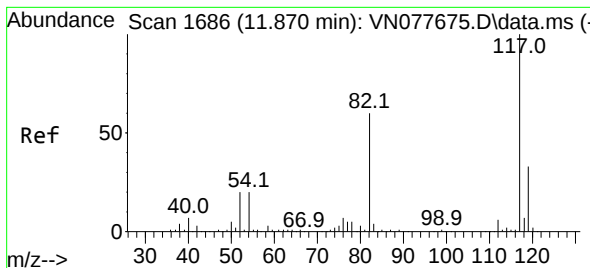
Tgt Ion: 98 Resp: 807394
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.456 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077868.D
Acq: 24 May 2023 23:49

Tgt Ion: 95 Resp: 235104
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 68.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077868.D

Acq: 24 May 2023 23:49

Instrument :

MSVOA_N

ClientSampleId :

VN0524MBL03

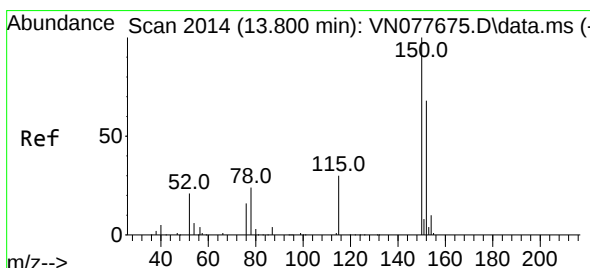
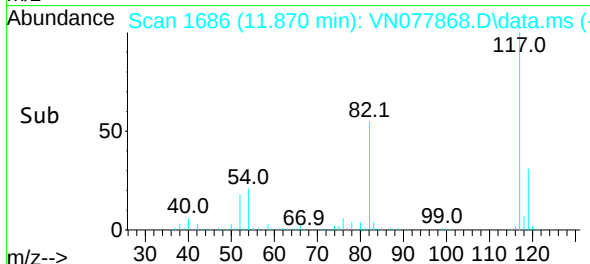
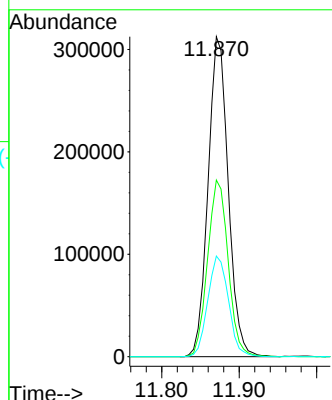
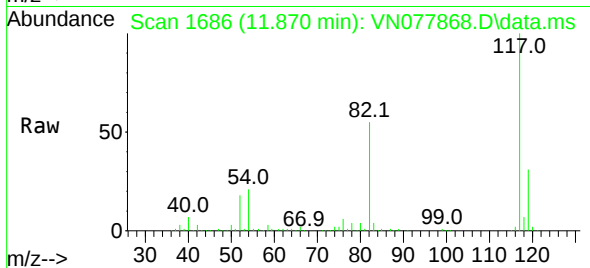
Tgt Ion:117 Resp: 564327

Ion Ratio Lower Upper

117 100

82 55.2 44.0 66.0

119 31.5 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: VN077868.D

Acq: 24 May 2023 23:49

Tgt Ion:152 Resp: 178357

Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 152.0 0.0 355.8

