

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076122.D
 Acq On : 06 Jan 2023 10:25
 Operator : JC\MD
 Sample : VN0106MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106MBL01

Quant Time: Jan 06 22:53:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	274316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	432302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	366831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147798	49.525	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	8.177	113	133604	49.905	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.800%
50) Toluene-d8	10.571	98	493333	49.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.853	95	146240	44.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.220%

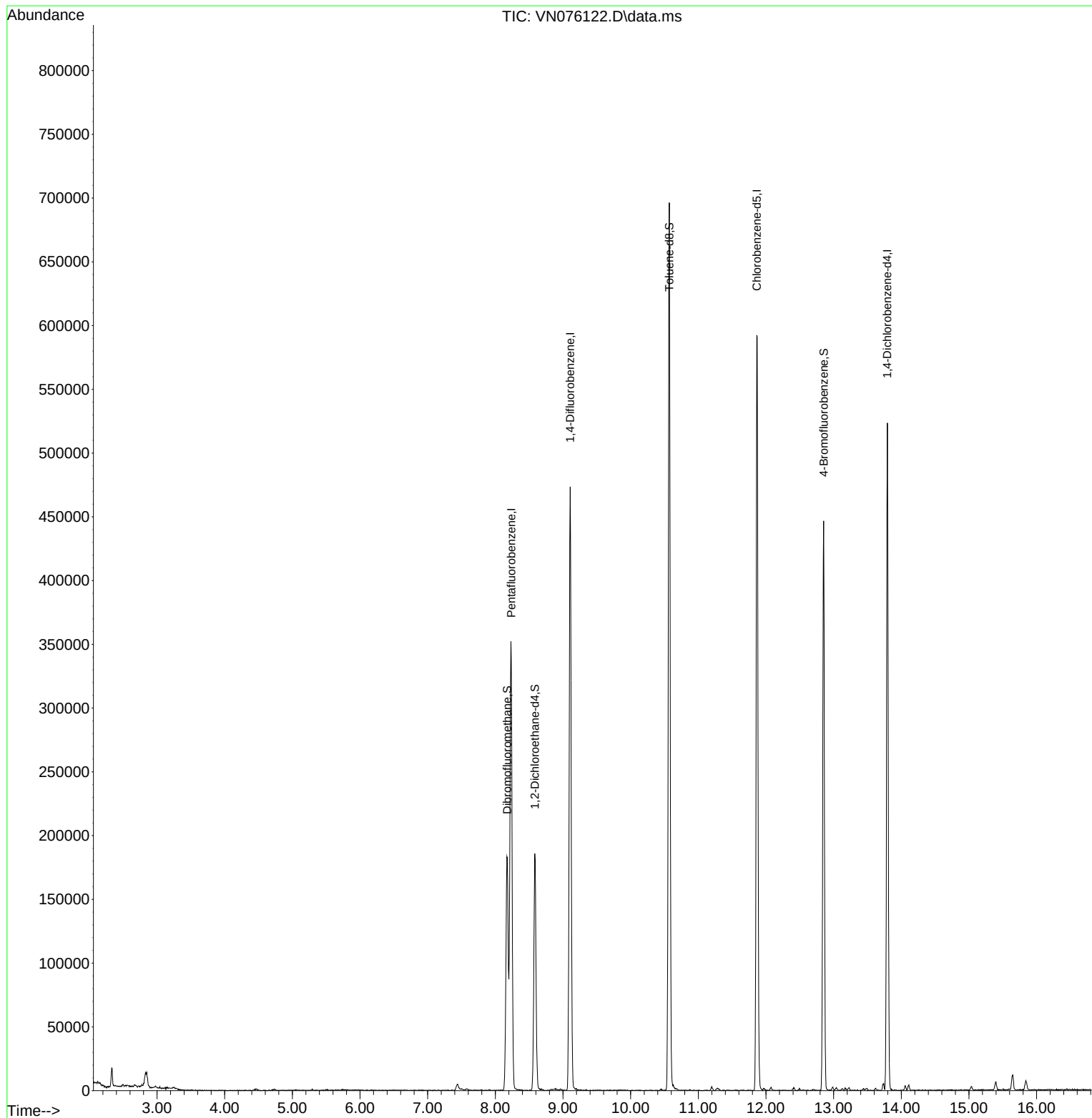
Target Compounds	Qvalue

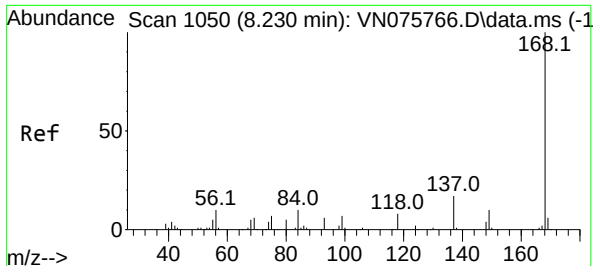
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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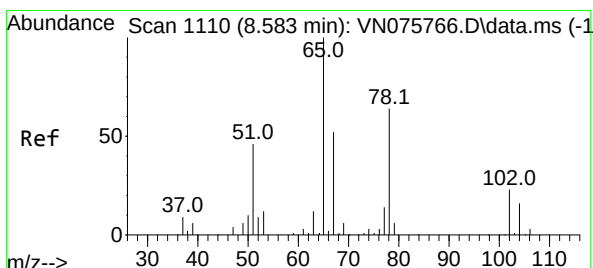
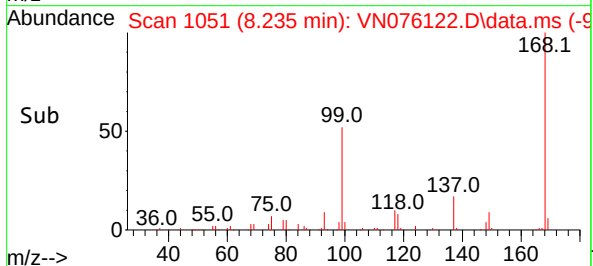
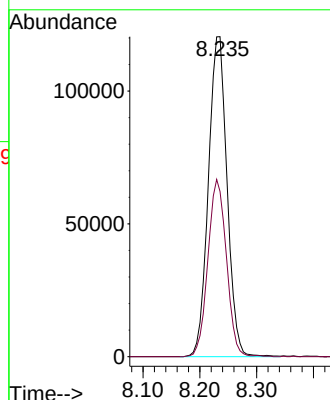
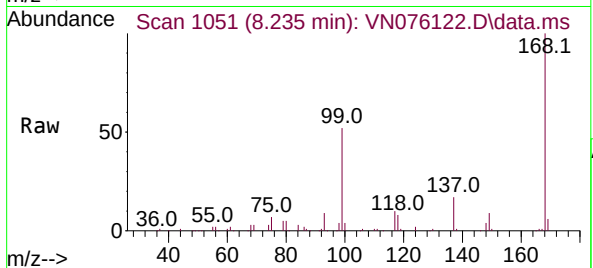




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076122.D
Acq: 06 Jan 2023 10:25

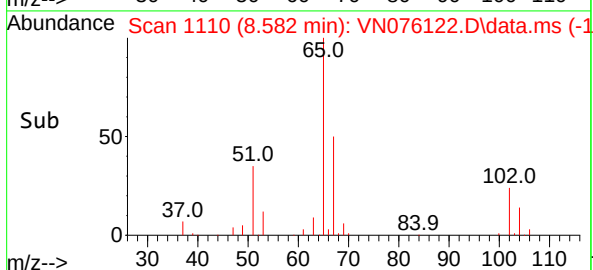
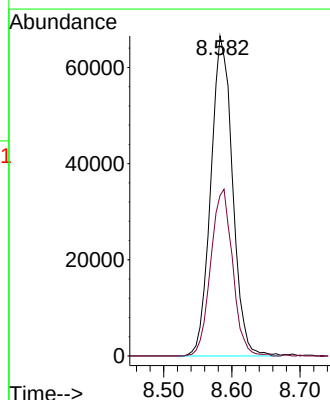
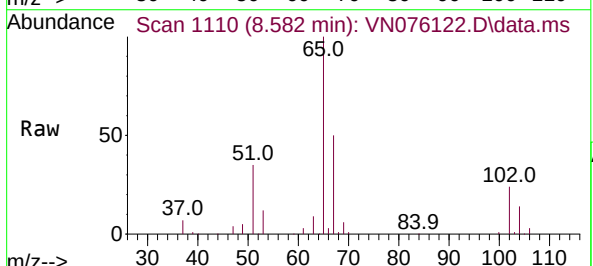
Instrument :
MSVOA_N
ClientSampleId :
VN0106MBL01

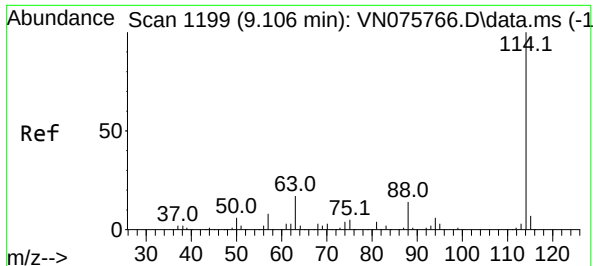
Tgt Ion:168 Resp: 274316
Ion Ratio Lower Upper
168 100
99 51.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.525 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076122.D
Acq: 06 Jan 2023 10:25

Tgt Ion: 65 Resp: 147798
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076122.D

Acq: 06 Jan 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0106MBL01

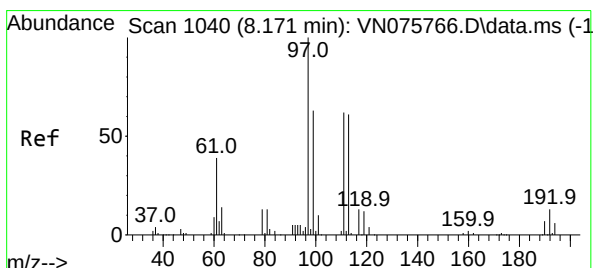
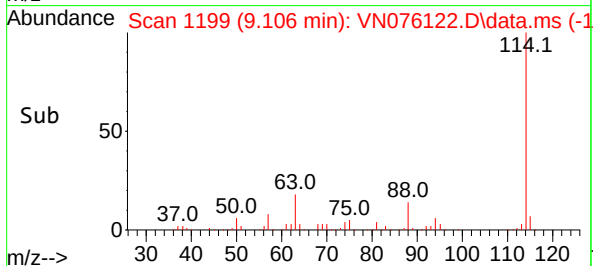
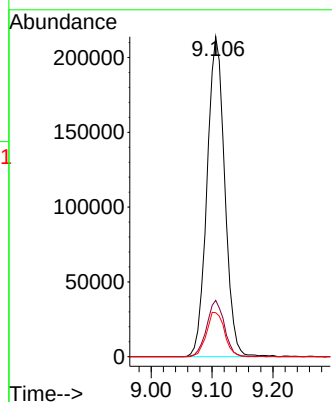
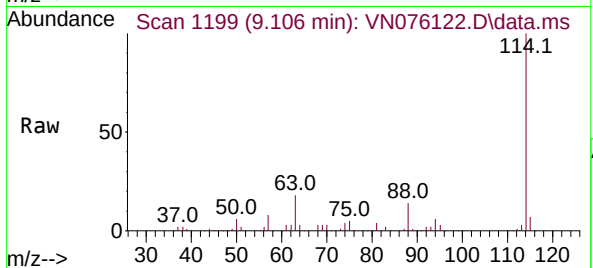
Tgt Ion:114 Resp: 432302

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 13.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.905 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076122.D

Acq: 06 Jan 2023 10:25

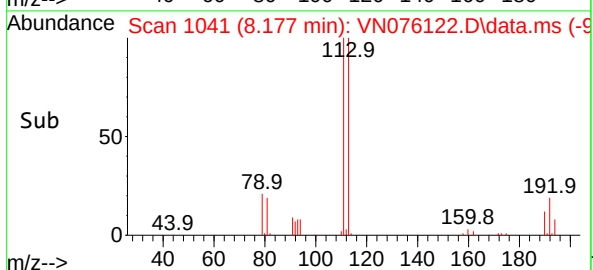
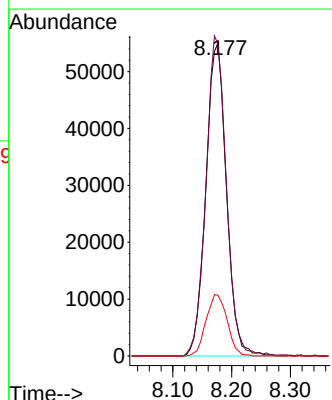
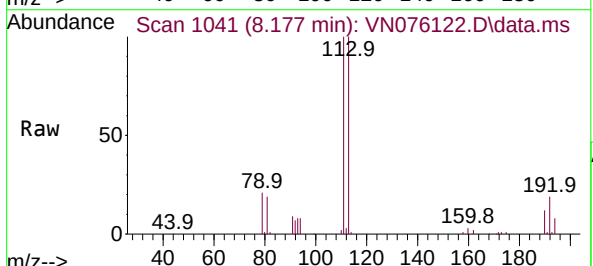
Tgt Ion:113 Resp: 133604

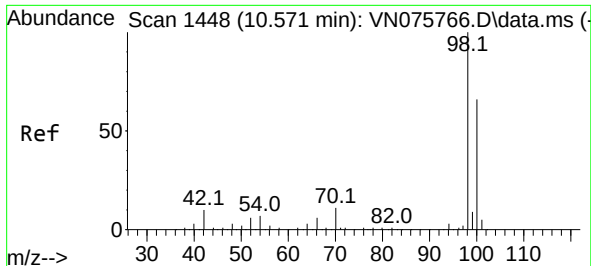
Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

192 20.0 16.1 24.1

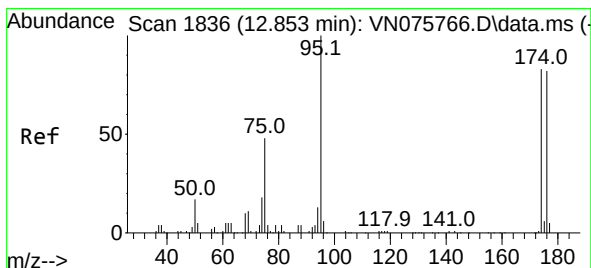
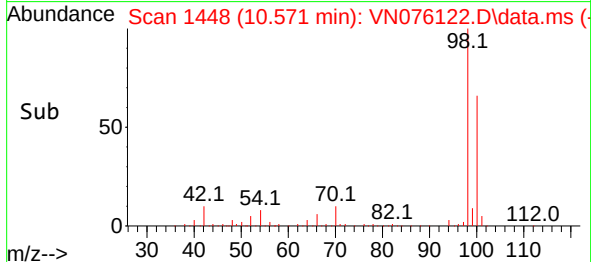
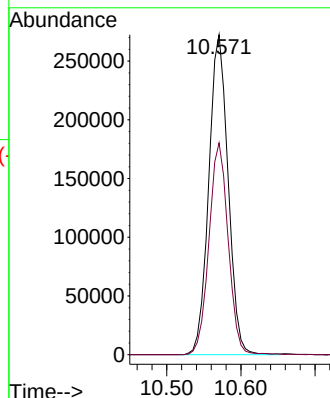
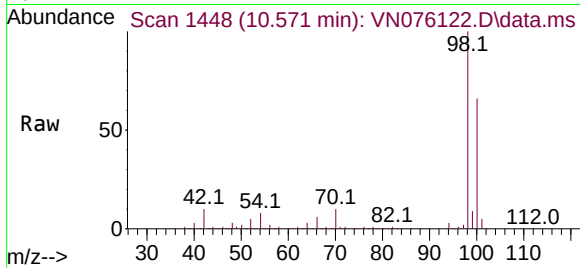




#50
Toluene-d8
Concen: 49.286 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076122.D
Acq: 06 Jan 2023 10:25

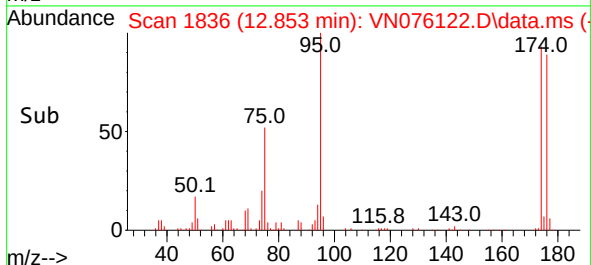
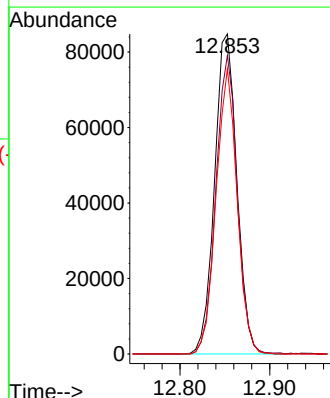
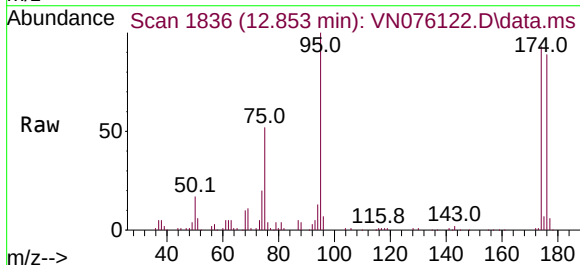
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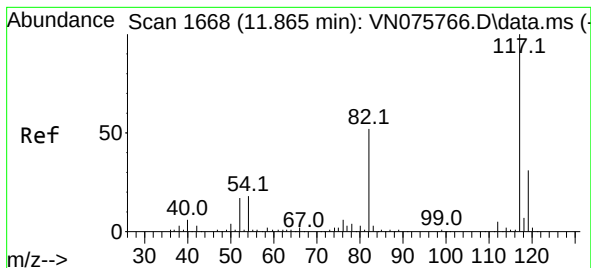
Tgt Ion: 98 Resp: 493333
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.110 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076122.D
Acq: 06 Jan 2023 10:25

Tgt Ion: 95 Resp: 146240
Ion Ratio Lower Upper
95 100
174 89.6 0.0 171.6
176 84.0 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076122.D

Acq: 06 Jan 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VN0106MBL01

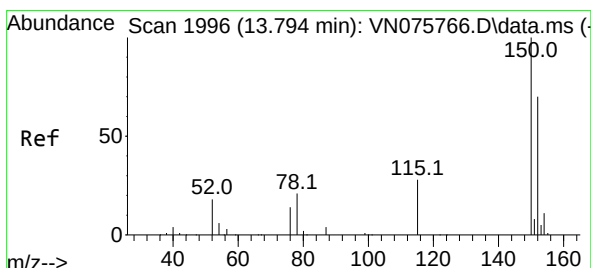
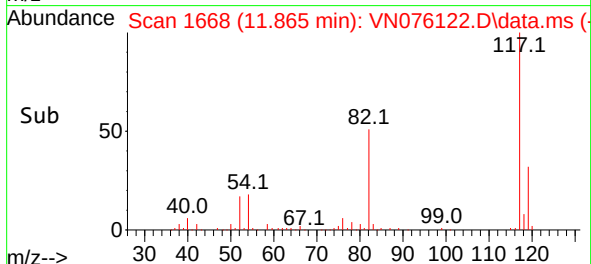
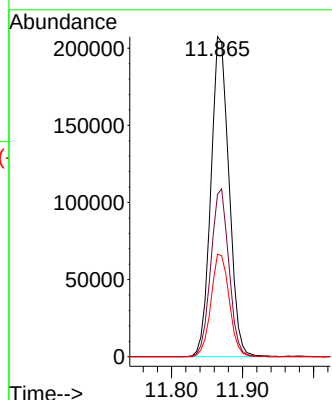
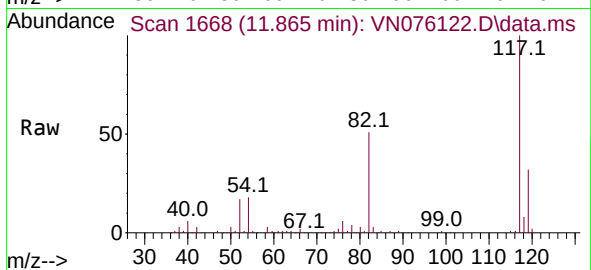
Tgt Ion:117 Resp: 366831

Ion Ratio Lower Upper

117 100

82 50.7 41.3 61.9

119 32.0 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076122.D

Acq: 06 Jan 2023 10:25

Tgt Ion:152 Resp: 147453

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.4

150 157.3 0.0 347.0

