

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076237.D
 Acq On : 13 Jan 2023 10:28
 Operator : JC\MD
 Sample : VN0113MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113MBL01

Quant Time: Jan 16 01:02:42 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	330808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	518216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	444896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170101	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179561	49.894	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.177	113	158647	49.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.860%
50) Toluene-d8	10.571	98	601650	50.142	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.853	95	179469	45.159	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.320%

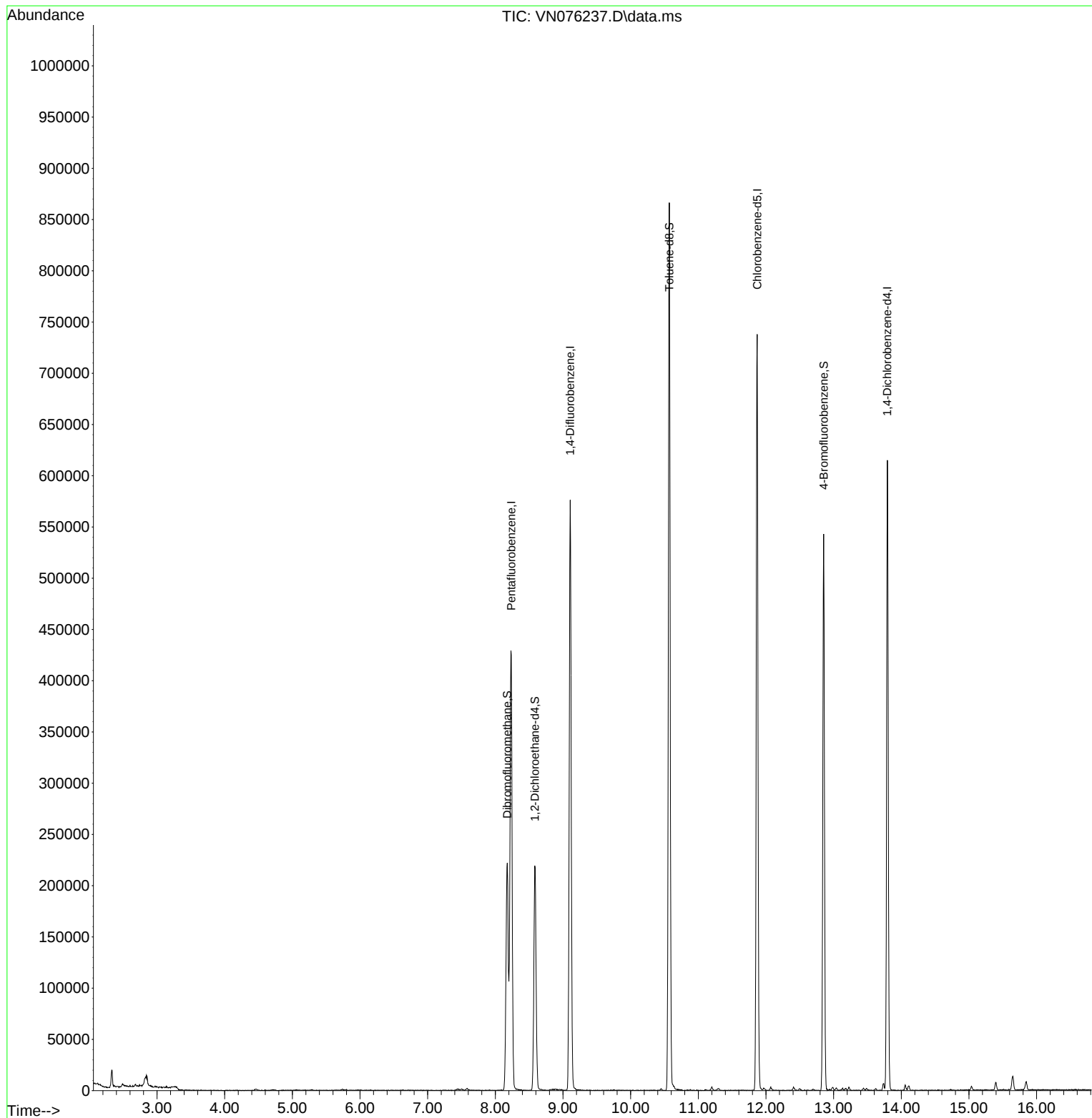
Target Compounds	Qvalue

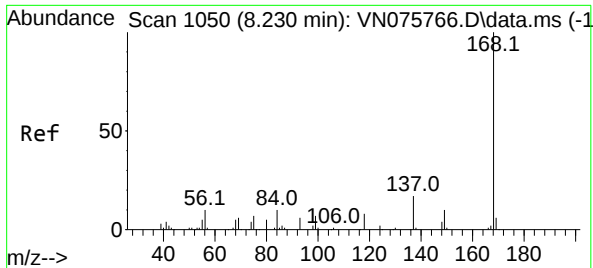
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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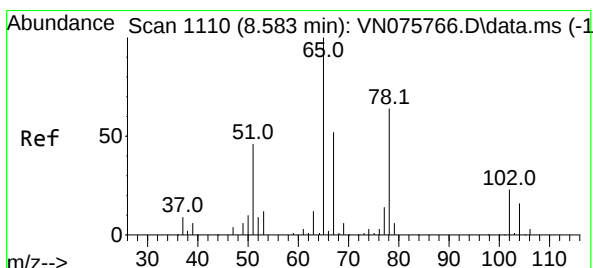
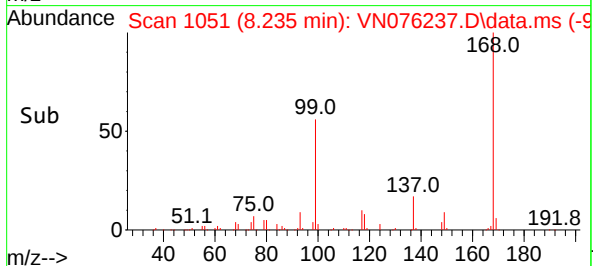
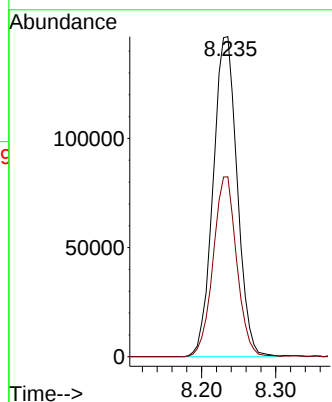
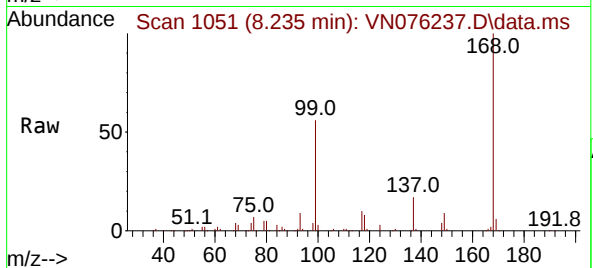




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076237.D
Acq: 13 Jan 2023 10:28

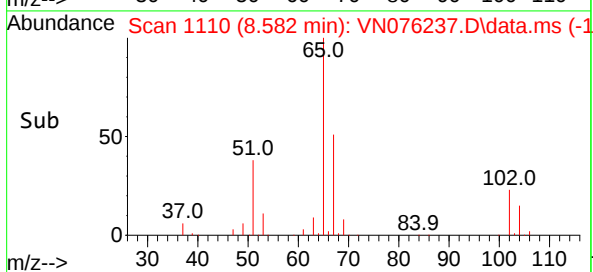
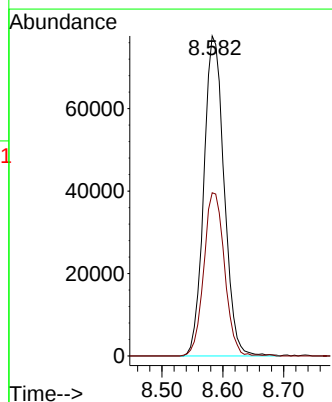
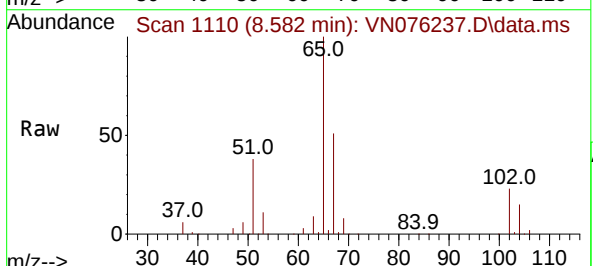
Instrument :
MSVOA_N
ClientSampleId :
VN0113MBL01

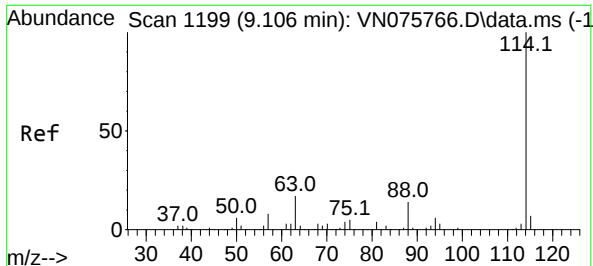
Tgt Ion:168 Resp: 330808
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.894 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076237.D
Acq: 13 Jan 2023 10:28

Tgt Ion: 65 Resp: 179561
Ion Ratio Lower Upper
65 100
67 52.1 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: VN076237.D

Acq: 13 Jan 2023 10:28

Instrument :

MSVOA_N

ClientSampleId :

VN0113MBL01

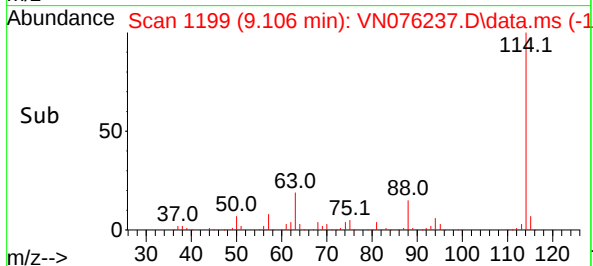
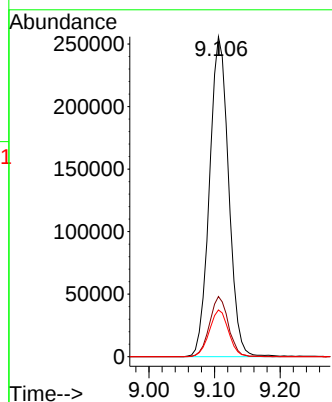
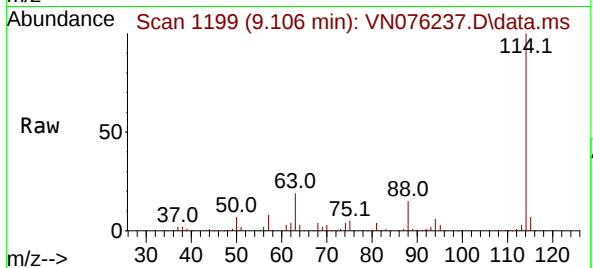
Tgt Ion:114 Resp: 518216

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 49.434 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076237.D

Acq: 13 Jan 2023 10:28

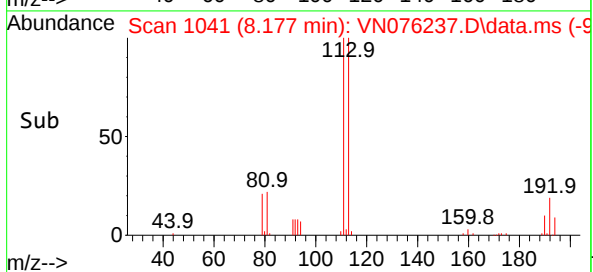
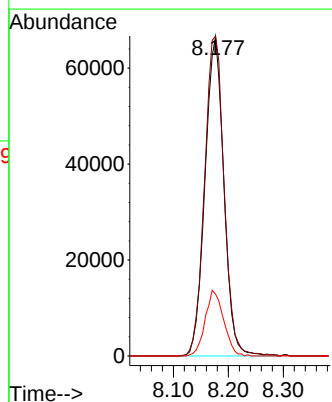
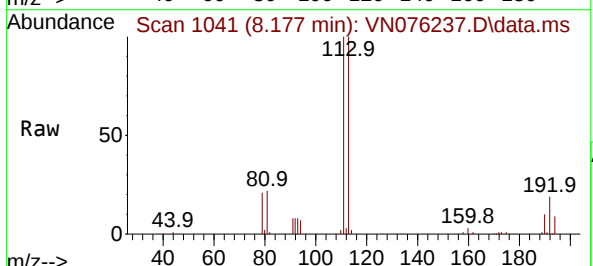
Tgt Ion:113 Resp: 158647

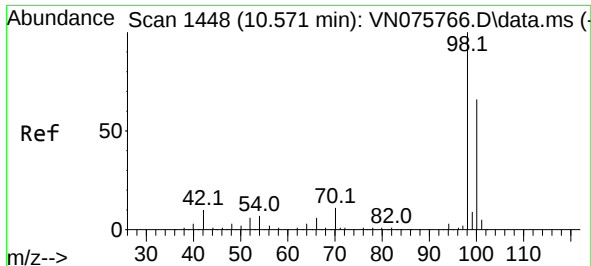
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 20.2 16.1 24.1

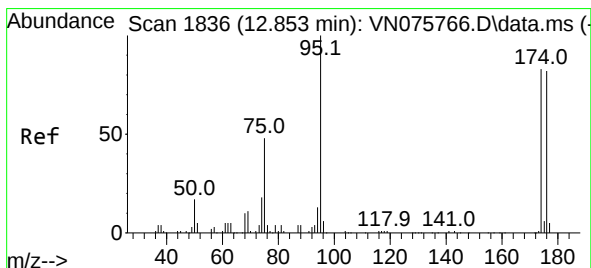
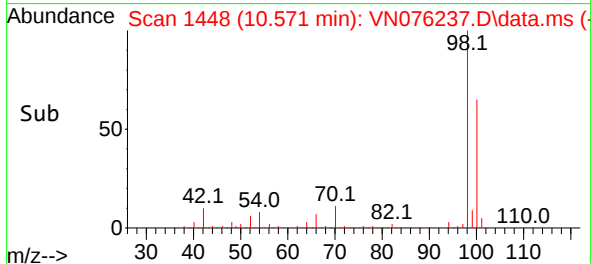
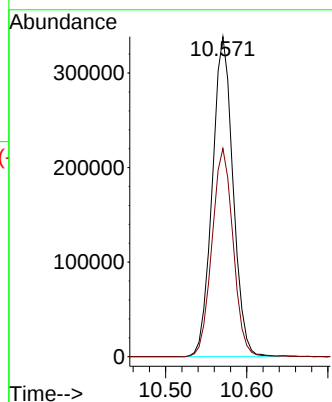
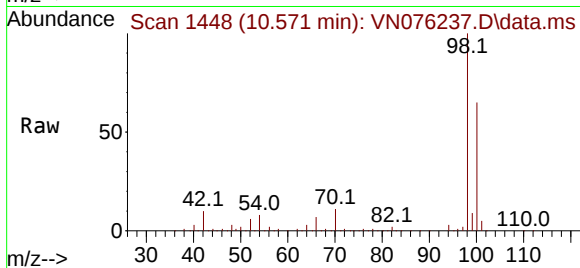




#50
Toluene-d8
Concen: 50.142 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076237.D
Acq: 13 Jan 2023 10:28

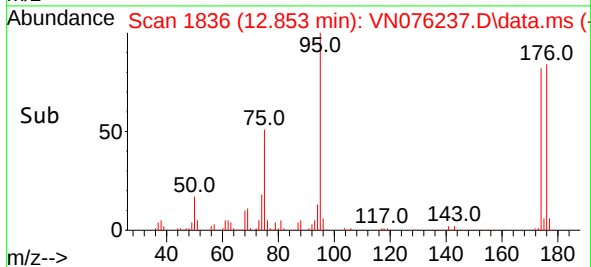
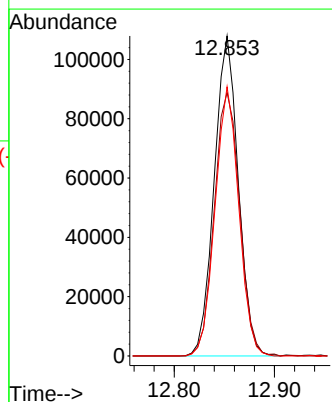
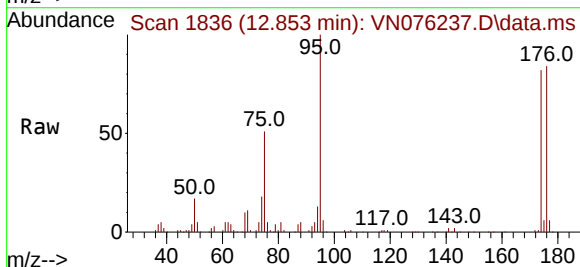
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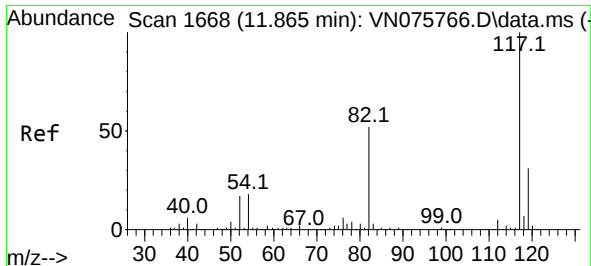
Tgt Ion: 98 Resp: 601650
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.159 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076237.D
Acq: 13 Jan 2023 10:28

Tgt Ion: 95 Resp: 179469
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 83.0 0.0 169.2

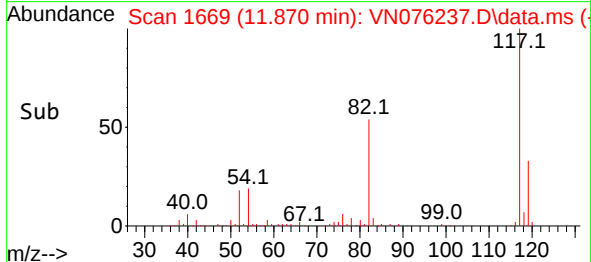
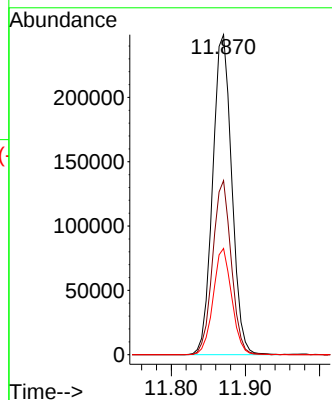
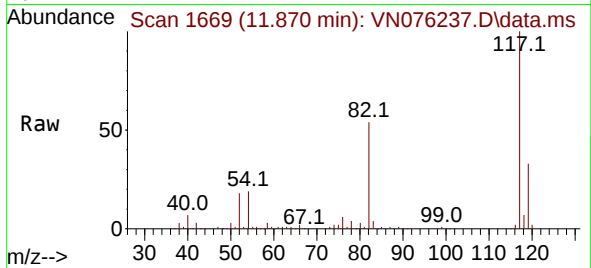




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076237.D
Acq: 13 Jan 2023 10:28

Instrument :
MSVOA_N
ClientSampleId :
VN0113MBL01

Tgt Ion:117 Resp: 444896
Ion Ratio Lower Upper
117 100
82 54.4 41.3 61.9
119 33.2 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: VN076237.D
Acq: 13 Jan 2023 10:28

Tgt Ion:152 Resp: 170101
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.4
150 161.7 0.0 347.0

