

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076399.D
 Acq On : 25 Jan 2023 14:10
 Operator : JC\MD
 Sample : 01291-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-GW-403-405

Quant Time: Jan 26 07:16:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	375865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	609601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	518813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197489	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218141	51.833	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.660%
35) Dibromofluoromethane	8.177	113	187872	49.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.540%
50) Toluene-d8	10.571	98	702024	49.849	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.853	95	209359	45.538	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.080%

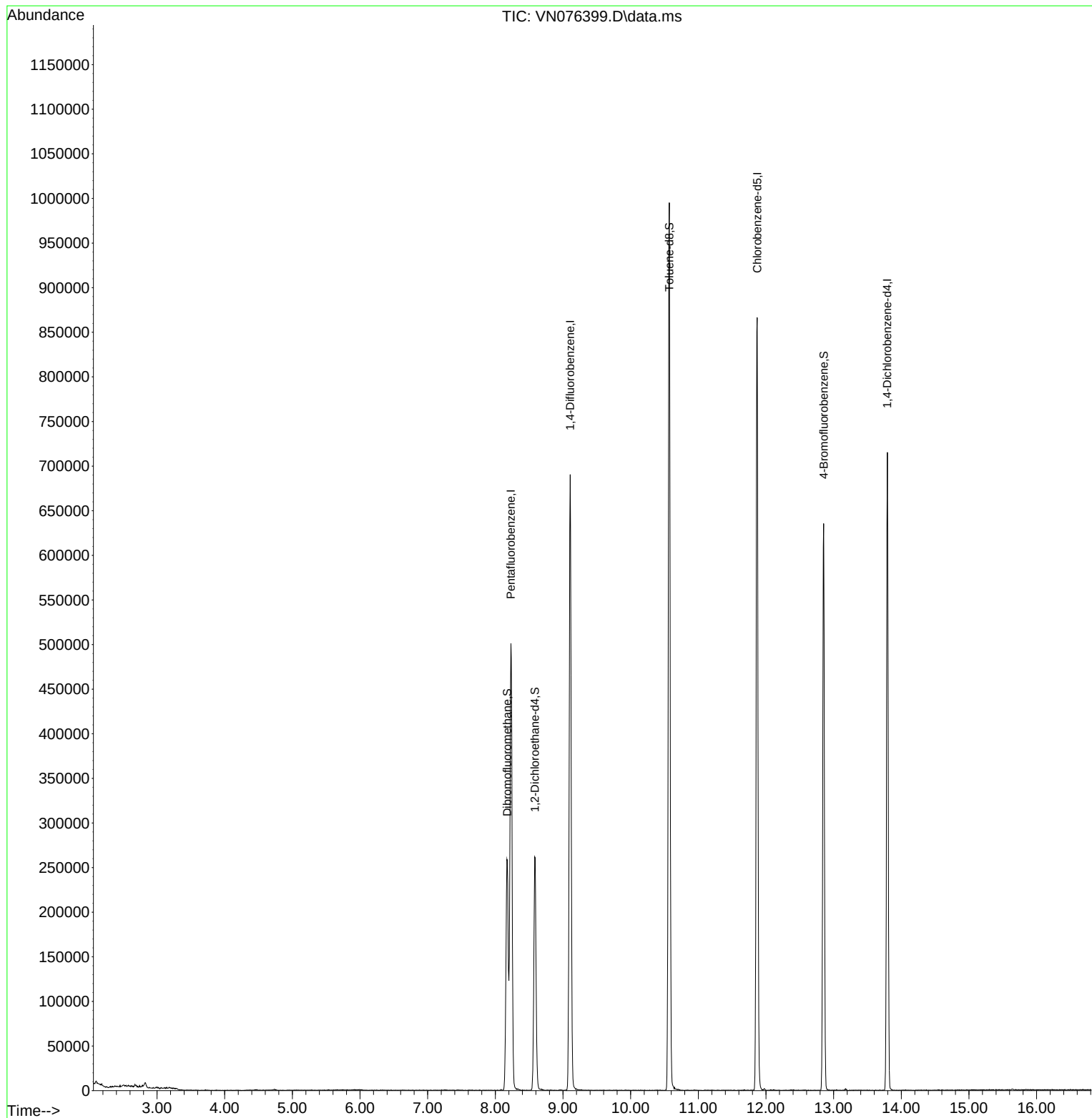
Target Compounds	Qvalue

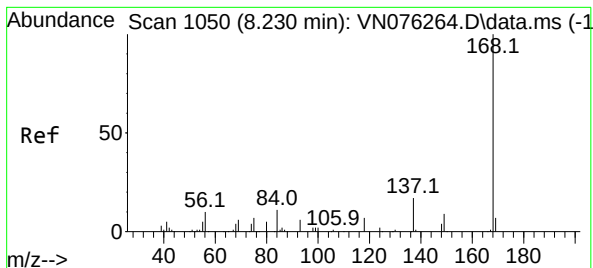
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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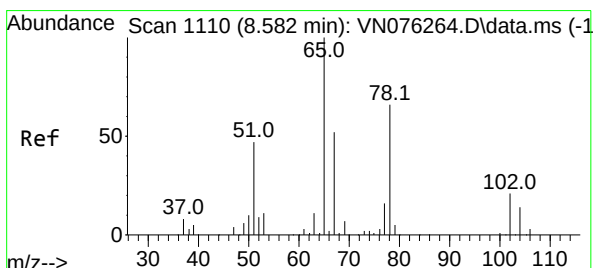
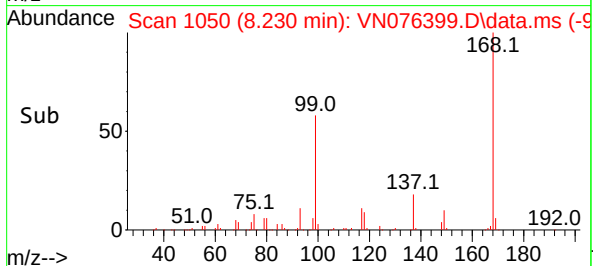
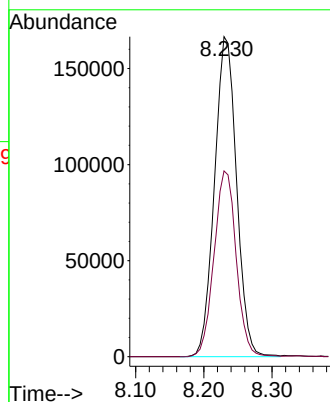
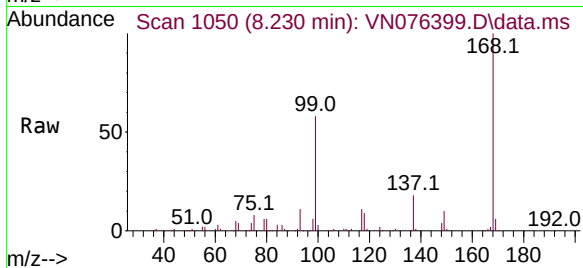




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076399.D
Acq: 25 Jan 2023 14:10

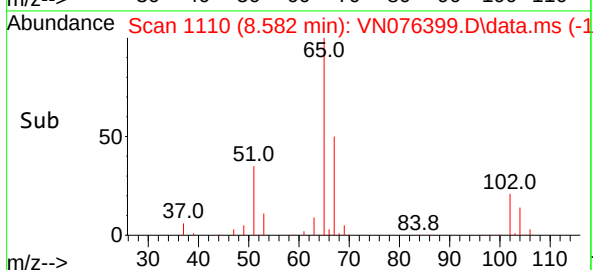
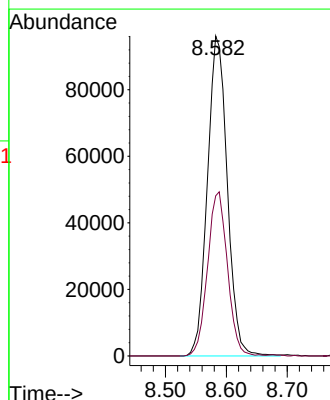
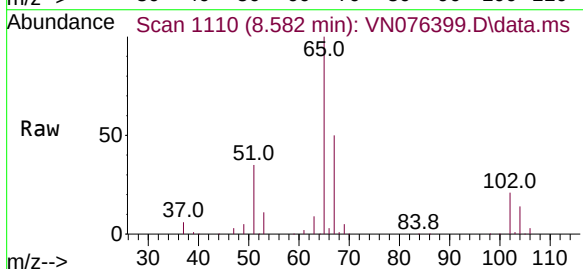
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-GW-403-405

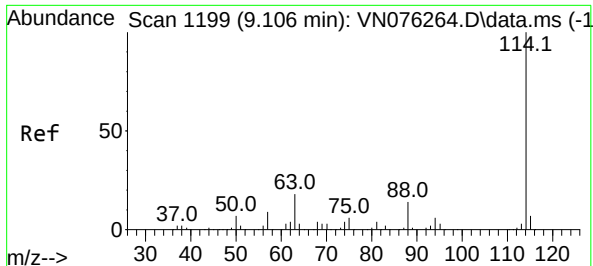
Tgt Ion:168 Resp: 375865
Ion Ratio Lower Upper
168 100
99 58.1 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 51.833 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076399.D
Acq: 25 Jan 2023 14:10

Tgt Ion: 65 Resp: 218141
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076399.D

Acq: 25 Jan 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-403-405

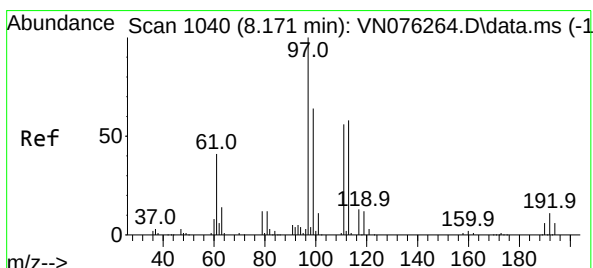
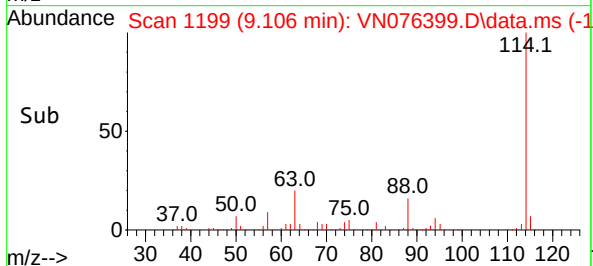
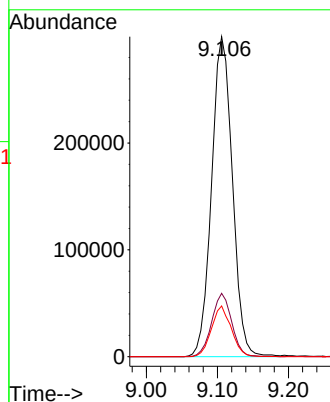
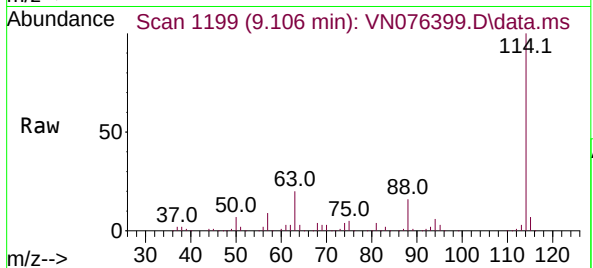
Tgt Ion:114 Resp: 609601

Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.8

88 15.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 49.267 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076399.D

Acq: 25 Jan 2023 14:10

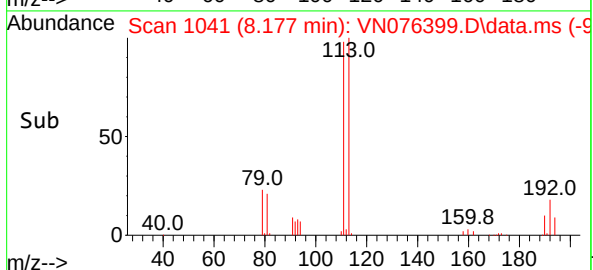
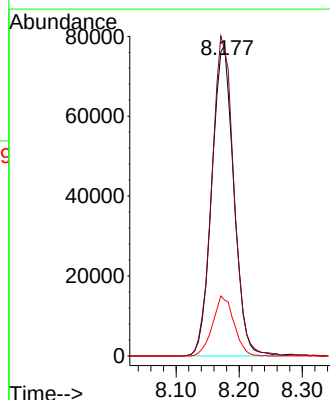
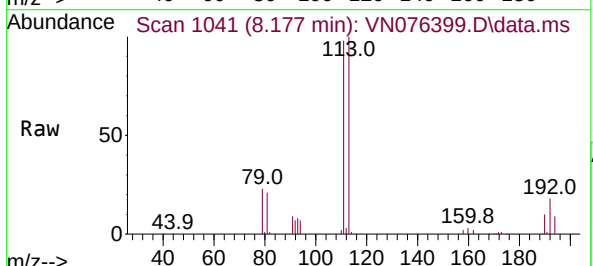
Tgt Ion:113 Resp: 187872

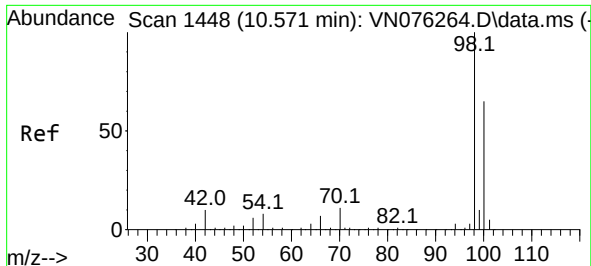
Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 18.8 15.6 23.4

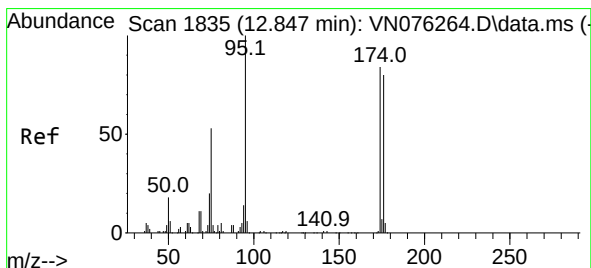
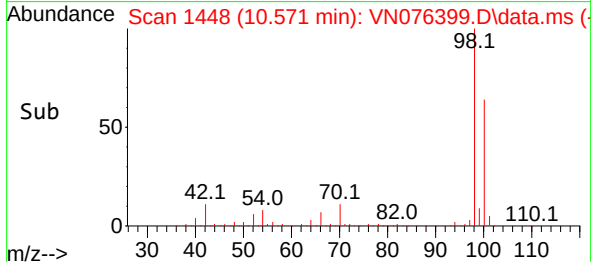
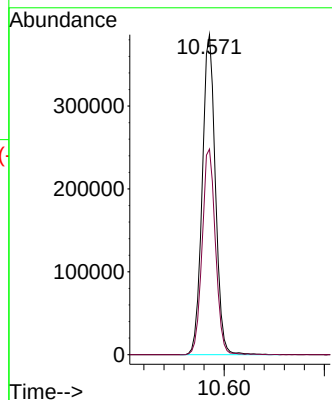
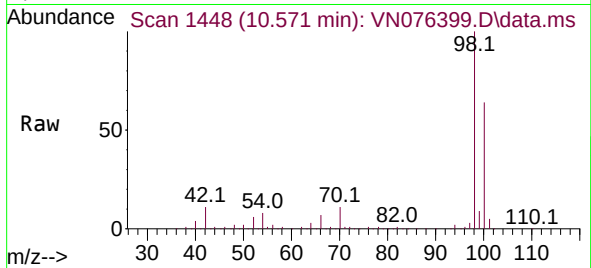




#50
Toluene-d8
Concen: 49.849 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076399.D
Acq: 25 Jan 2023 14:10

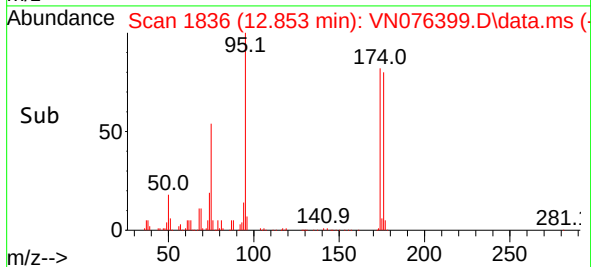
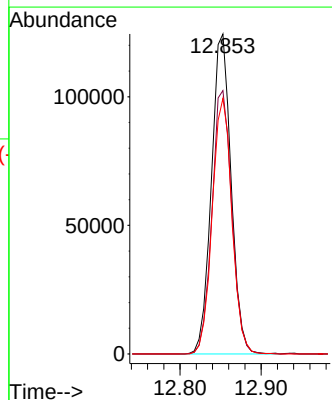
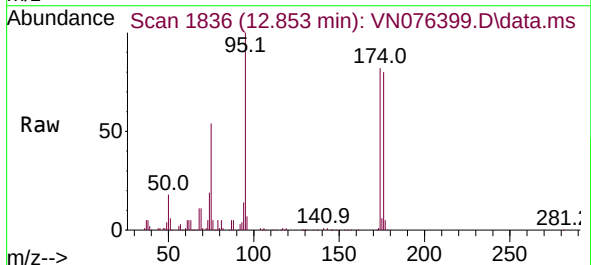
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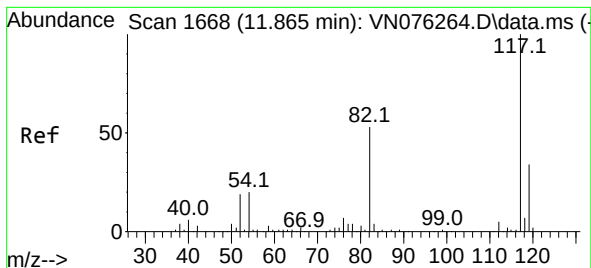
Tgt Ion: 98 Resp: 702024
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.538 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076399.D
Acq: 25 Jan 2023 14:10

Tgt Ion: 95 Resp: 209359
Ion Ratio Lower Upper
95 100
174 83.1 0.0 174.6
176 80.0 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076399.D

Acq: 25 Jan 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW10-GW-403-405

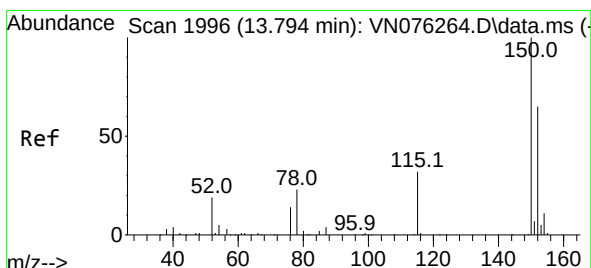
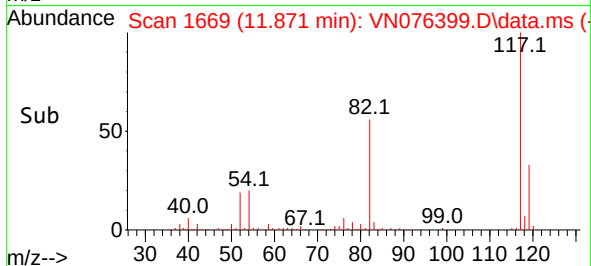
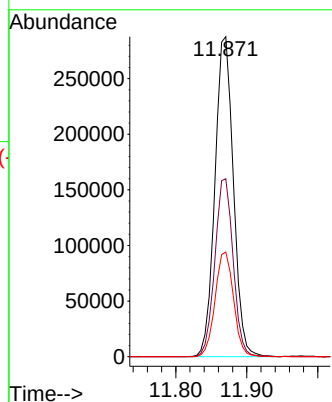
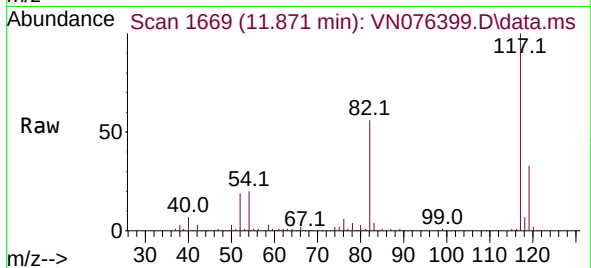
Tgt Ion:117 Resp: 518813

Ion Ratio Lower Upper

117 100

82 55.6 42.2 63.2

119 32.7 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076399.D

Acq: 25 Jan 2023 14:10

Tgt Ion:152 Resp: 197489

Ion Ratio Lower Upper

152 100

115 58.9 29.6 88.9

150 156.9 0.0 351.4

