

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076307.D
 Acq On : 18 Jan 2023 20:19
 Operator : JC\MD
 Sample : 01190-11
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-10

Quant Time: Jan 19 00:55:40 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	8.224	168	428977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	660977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	541993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	214336	44.624	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.240%
35) Dibromofluoromethane	8.171	113	189836	45.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.820%
50) Toluene-d8	10.571	98	744031	48.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.853	95	225682	45.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.540%

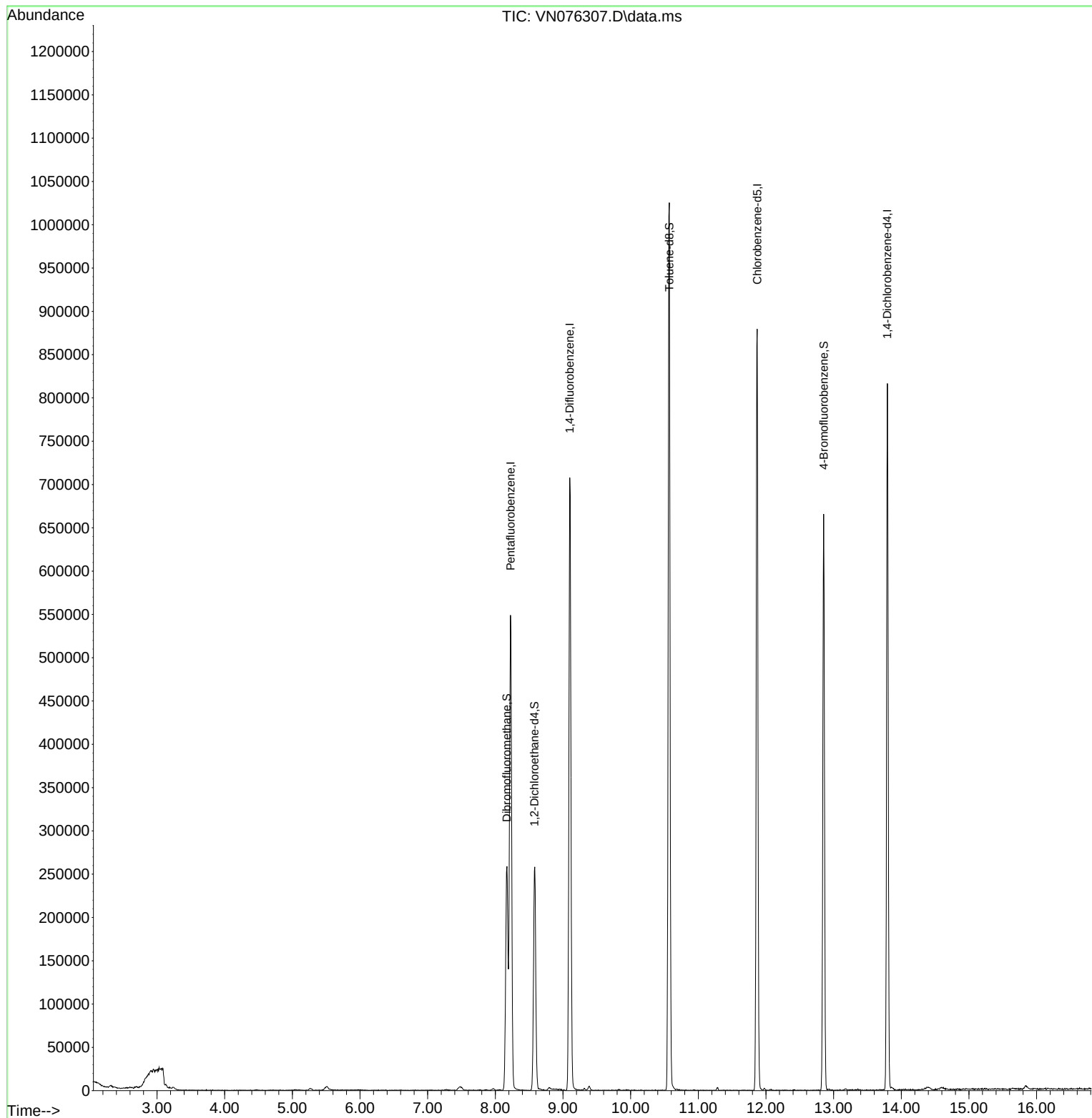
Target Compounds	Qvalue

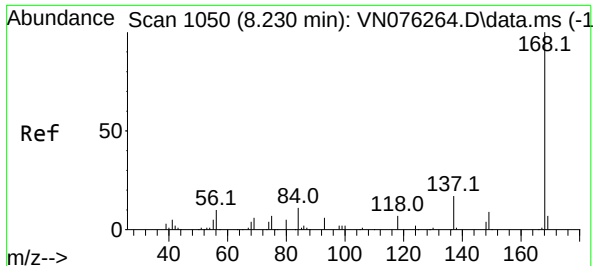
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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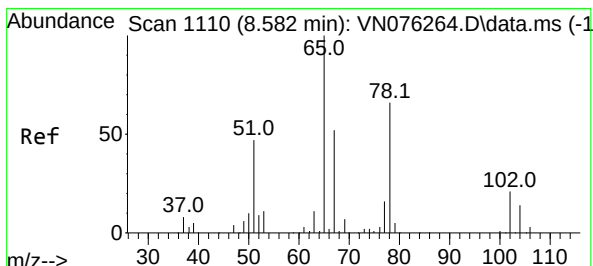
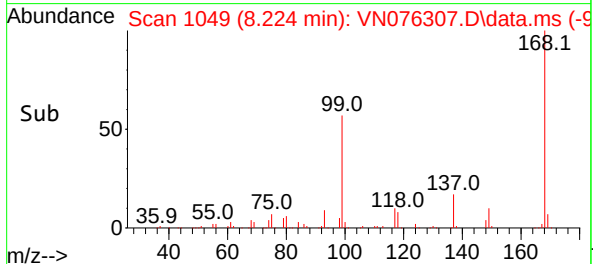
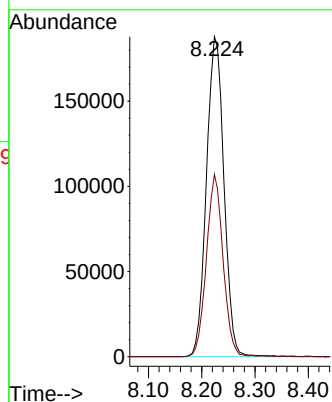
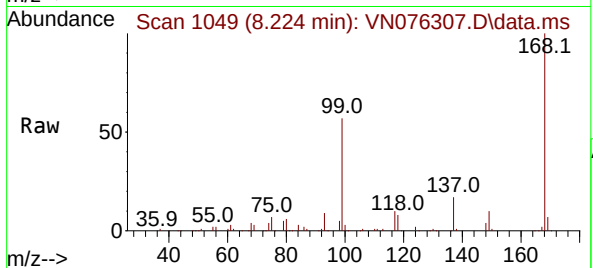




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076307.D
Acq: 18 Jan 2023 20:19

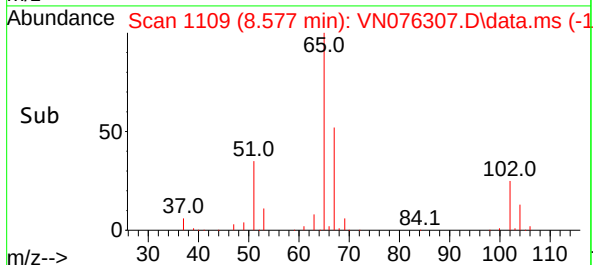
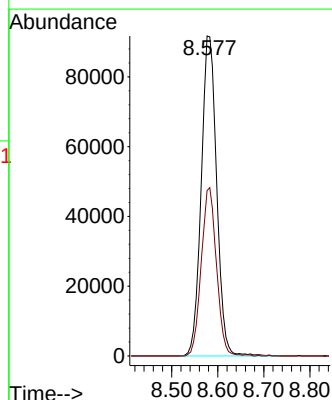
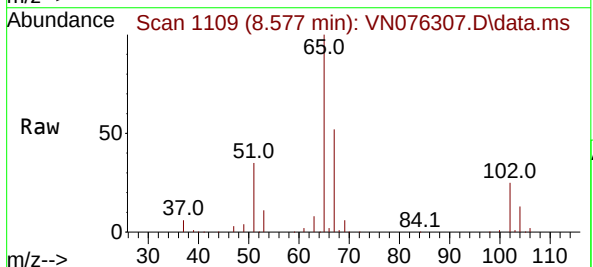
Instrument :
MSVOA_N
ClientSampleId :
PE-10

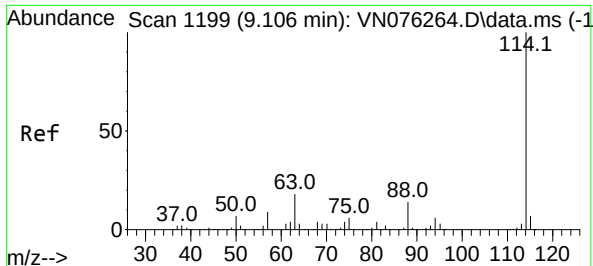
Tgt Ion:168 Resp: 428977
Ion Ratio Lower Upper
168 100
99 56.9 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 44.624 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.005 min
Lab File: VN076307.D
Acq: 18 Jan 2023 20:19

Tgt Ion: 65 Resp: 214336
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076307.D

Acq: 18 Jan 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

PE-10

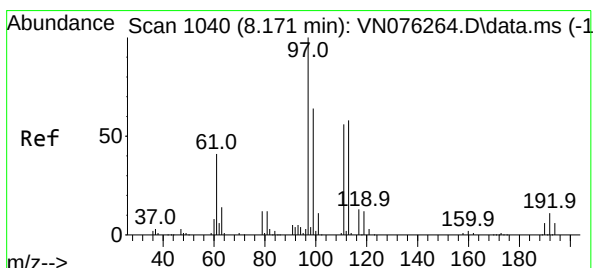
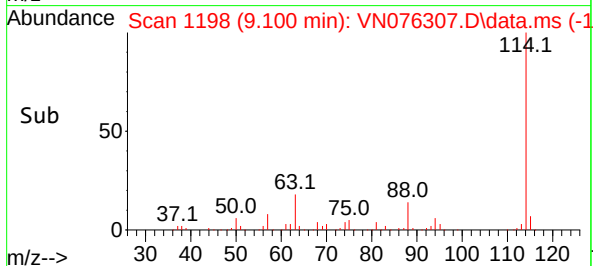
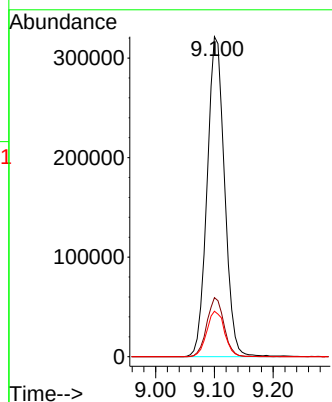
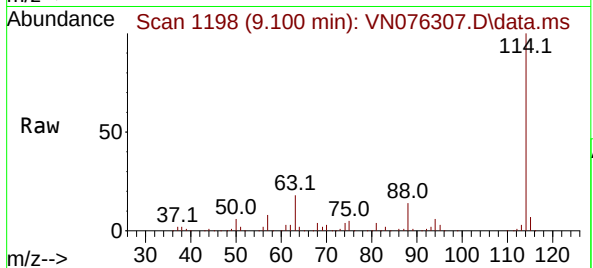
Tgt Ion:114 Resp: 660977

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.2 0.0 28.0



#35

Dibromofluoromethane

Concen: 45.913 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076307.D

Acq: 18 Jan 2023 20:19

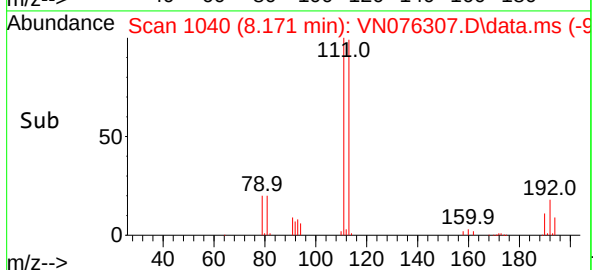
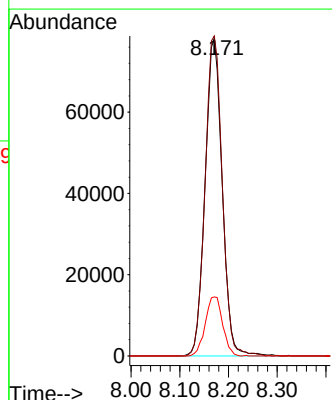
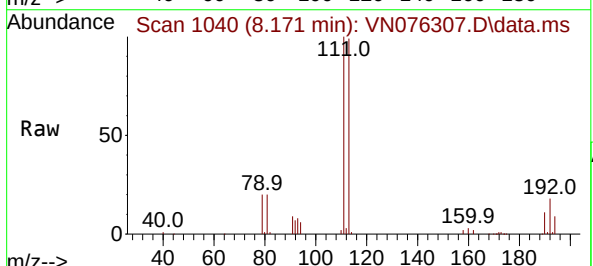
Tgt Ion:113 Resp: 189836

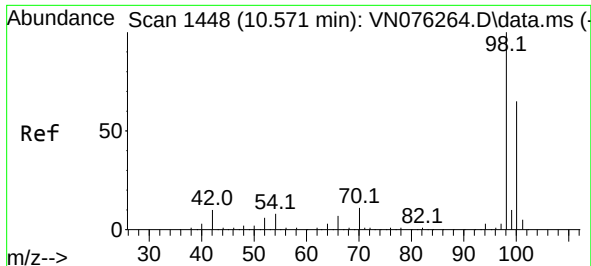
Ion Ratio Lower Upper

113 100

111 101.2 82.7 124.1

192 18.9 15.6 23.4

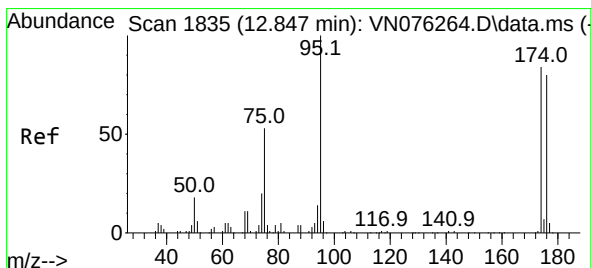
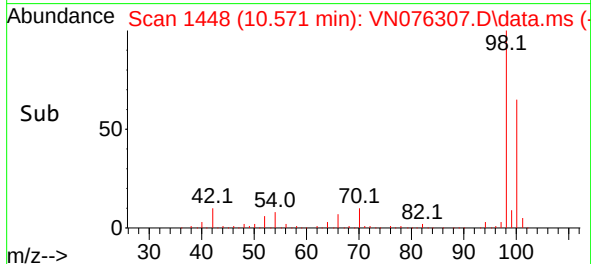
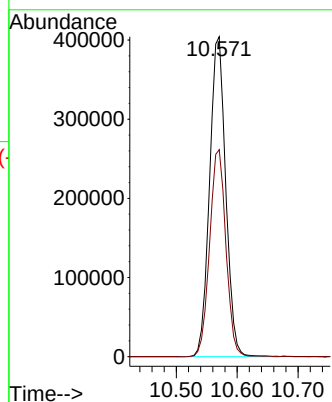
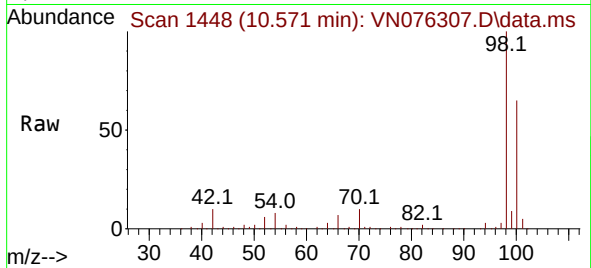




#50
Toluene-d8
Concen: 48.725 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076307.D
Acq: 18 Jan 2023 20:19

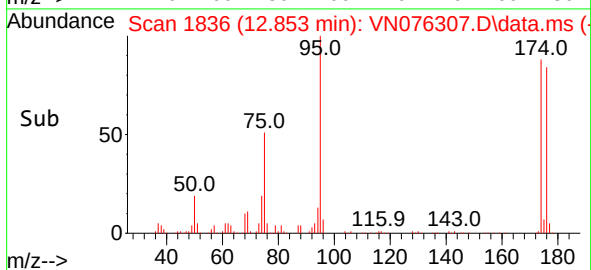
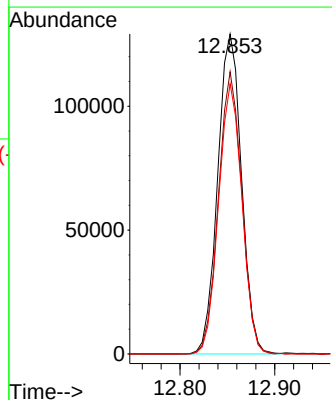
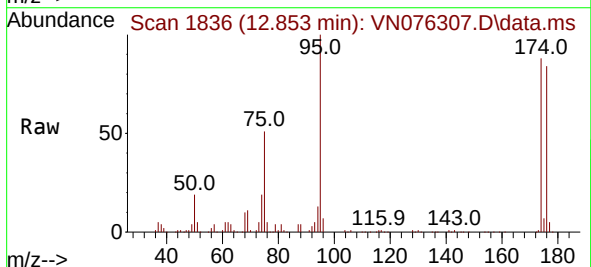
Instrument :
MSVOA_N
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PE-10

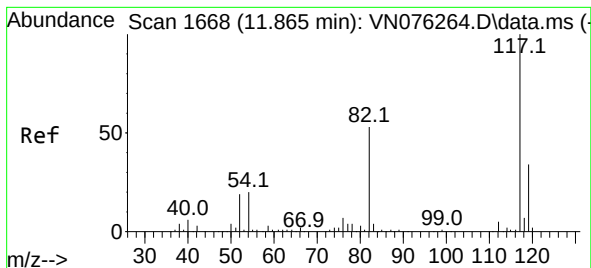
Tgt Ion: 98 Resp: 744031
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.273 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076307.D
Acq: 18 Jan 2023 20:19

Tgt Ion: 95 Resp: 225682
Ion Ratio Lower Upper
95 100
174 86.8 0.0 174.6
176 82.8 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: VN076307.D

Acq: 18 Jan 2023 20:19

Instrument :

MSVOA_N

ClientSampleId :

PE-10

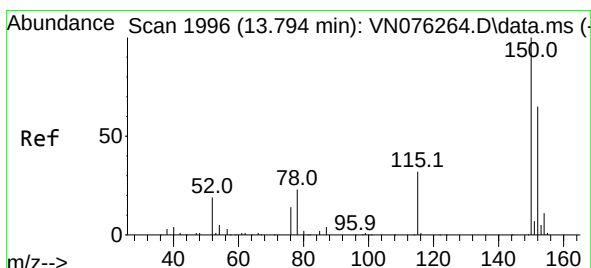
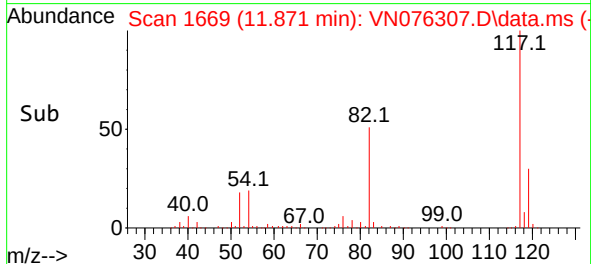
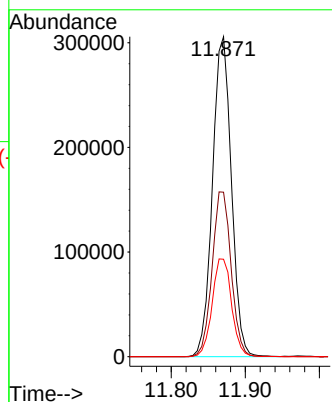
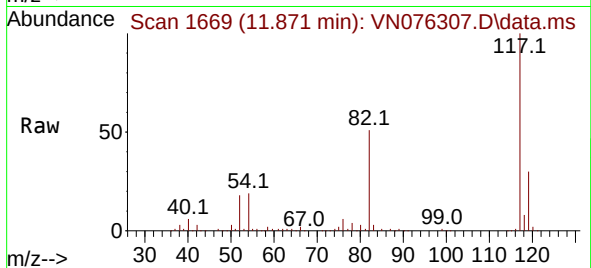
Tgt Ion:117 Resp: 541993

Ion Ratio Lower Upper

117 100

82 51.4 42.2 63.2

119 30.5 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: VN076307.D

Acq: 18 Jan 2023 20:19

Tgt Ion:152 Resp: 228524

Ion Ratio Lower Upper

152 100

115 57.7 29.6 88.9

150 156.9 0.0 351.4

