

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076180.D
 Acq On : 10 Jan 2023 14:01
 Operator : JC\MD
 Sample : 01067-01
 Misc : 1.05gr/10mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31920

Quant Time: Jan 11 01:05:05 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	8.224	168	328587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	518175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	436391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192493	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	171440	47.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.920%
35) Dibromofluoromethane	8.171	113	150180	46.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	10.571	98	592122	49.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.853	95	181687	45.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%

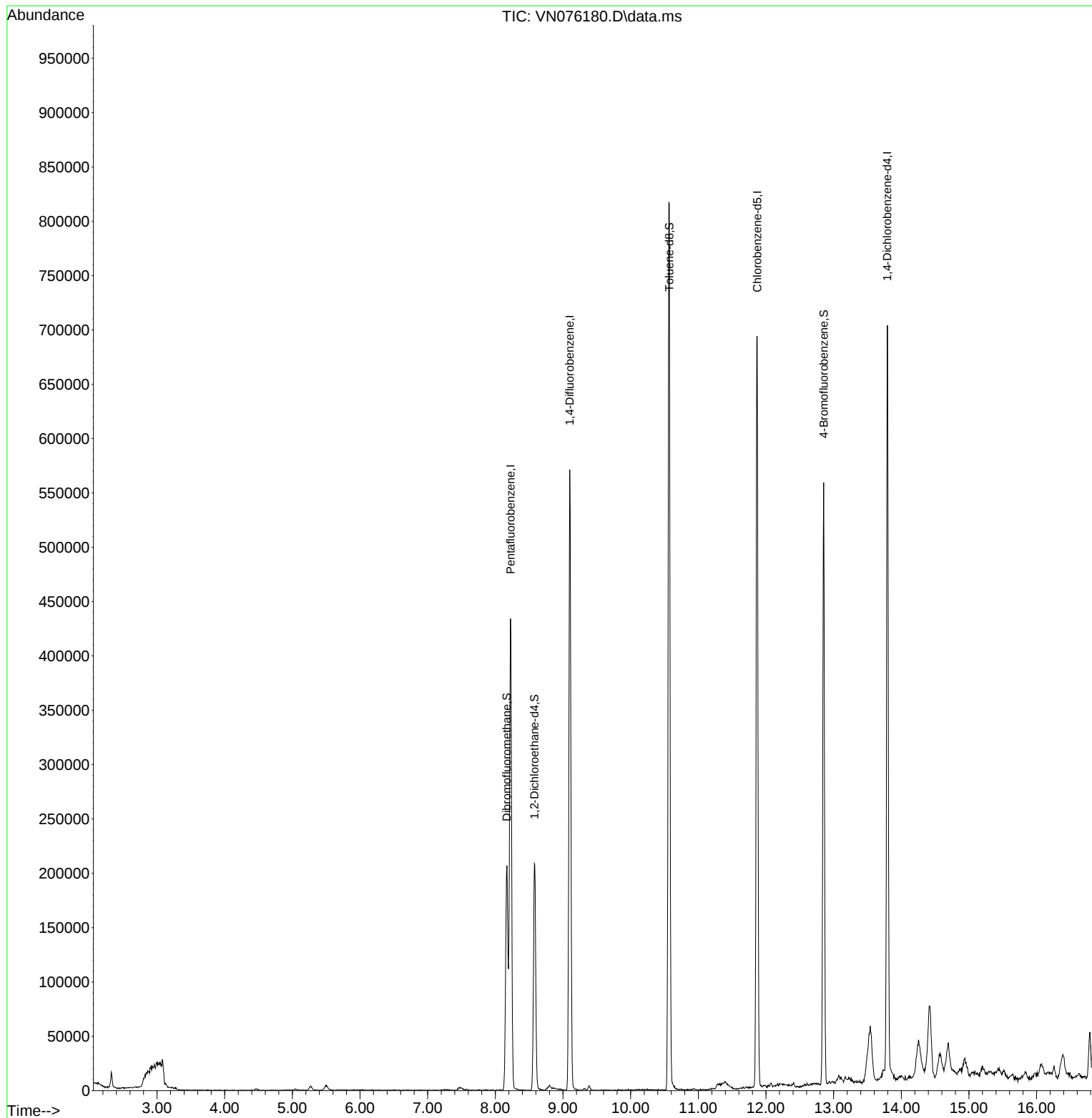
Target Compounds	Qvalue

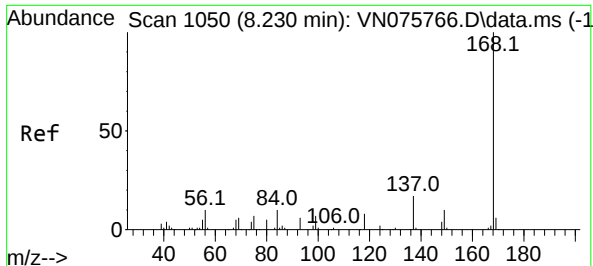
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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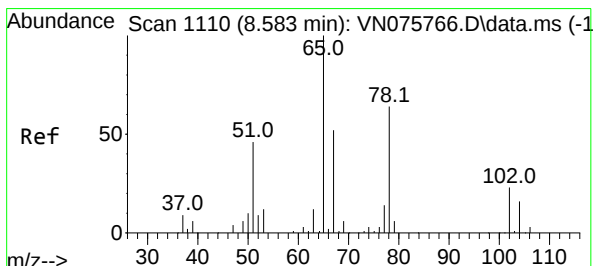
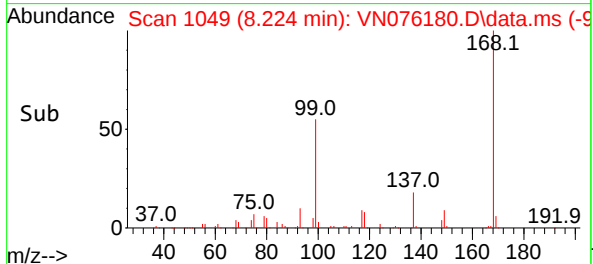
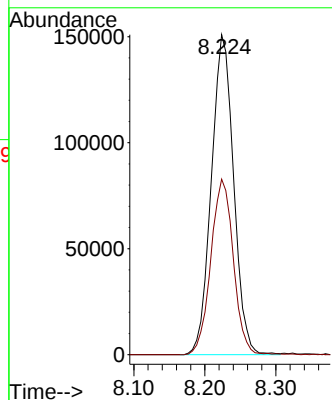
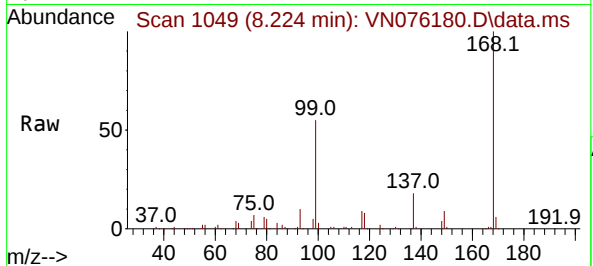




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076180.D
Acq: 10 Jan 2023 14:01

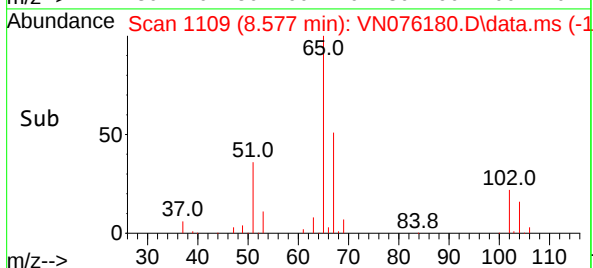
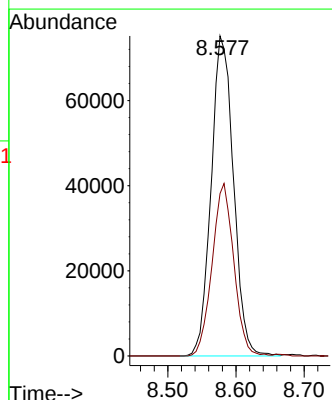
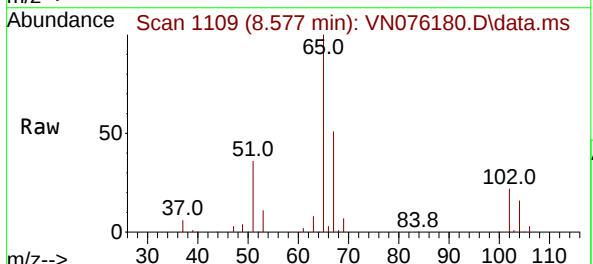
Instrument :
MSVOA_N
ClientSampleId :
31920

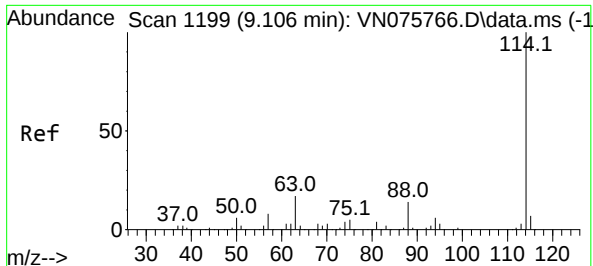
Tgt Ion:168 Resp: 328587
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.959 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076180.D
Acq: 10 Jan 2023 14:01

Tgt Ion: 65 Resp: 171440
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076180.D

Acq: 10 Jan 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

31920

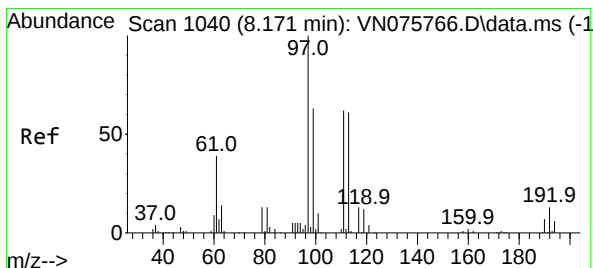
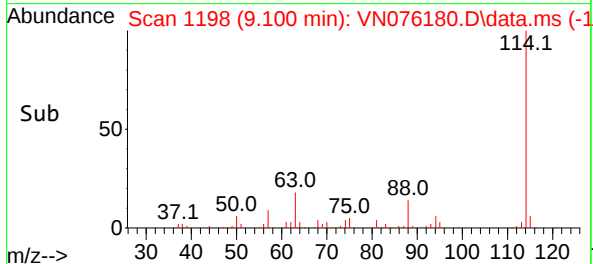
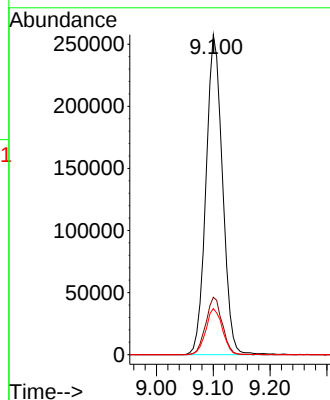
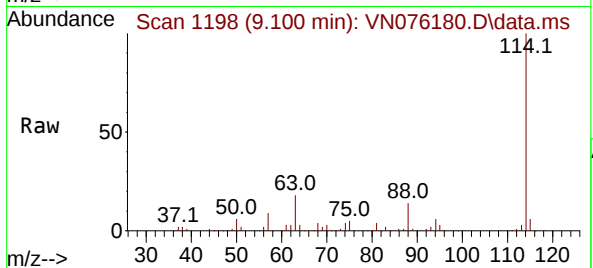
Tgt Ion:114 Resp: 518175

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 46.800 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076180.D

Acq: 10 Jan 2023 14:01

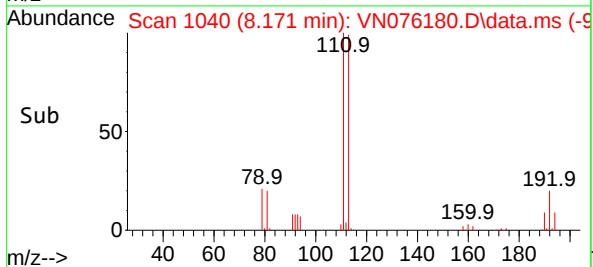
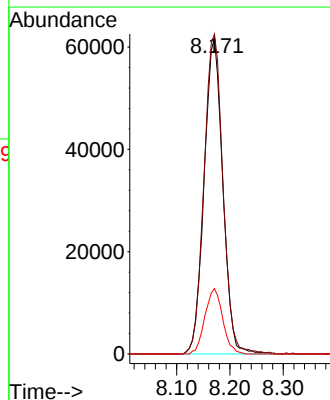
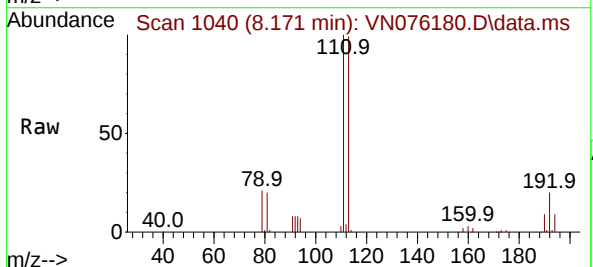
Tgt Ion:113 Resp: 150180

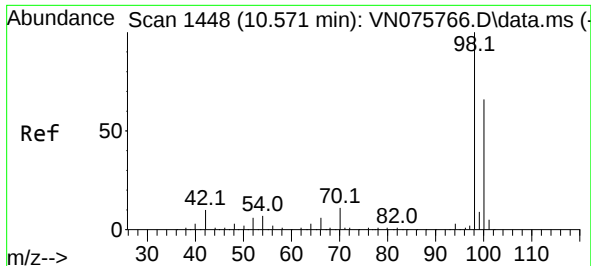
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 19.8 16.1 24.1

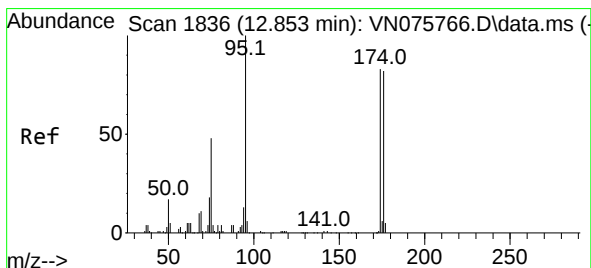
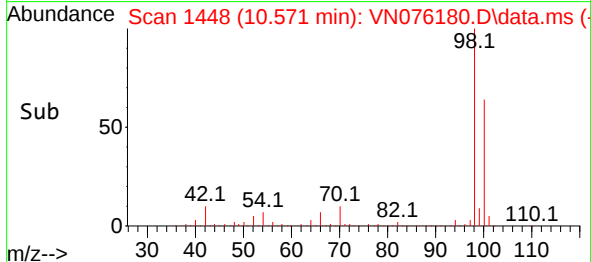
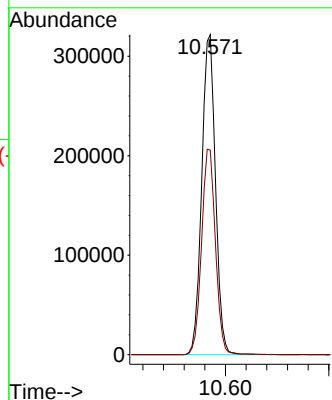
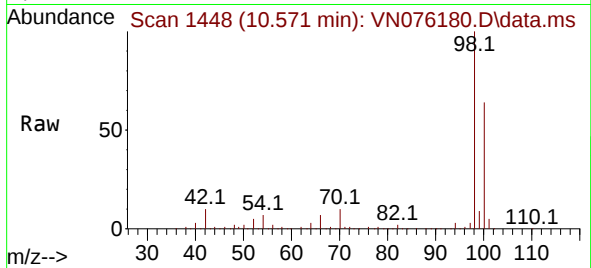




#50
Toluene-d8
Concen: 49.352 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076180.D
Acq: 10 Jan 2023 14:01

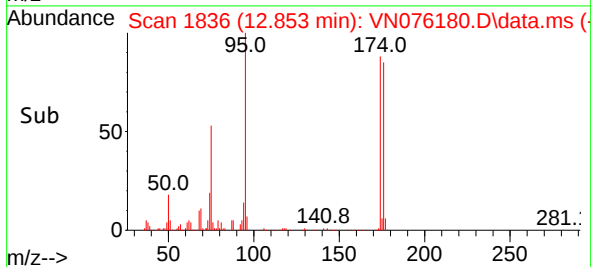
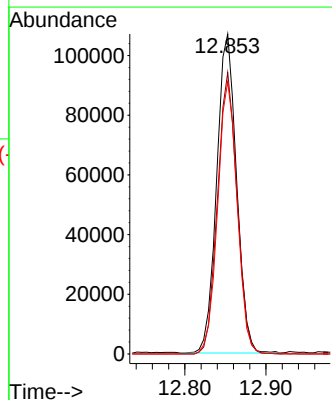
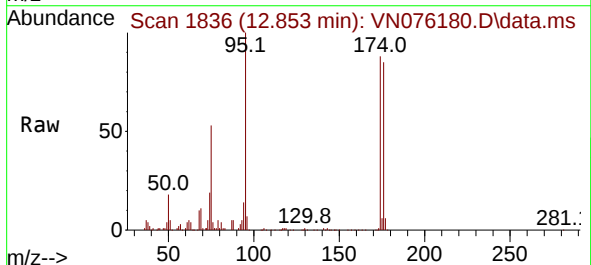
Instrument :
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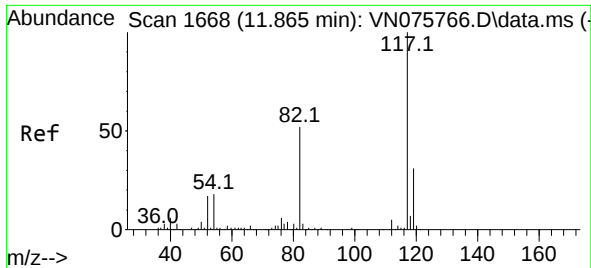
Tgt Ion: 98 Resp: 592122
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.720 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076180.D
Acq: 10 Jan 2023 14:01

Tgt Ion: 95 Resp: 181687
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 83.7 0.0 169.2

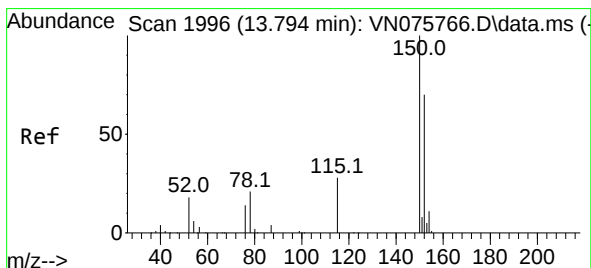
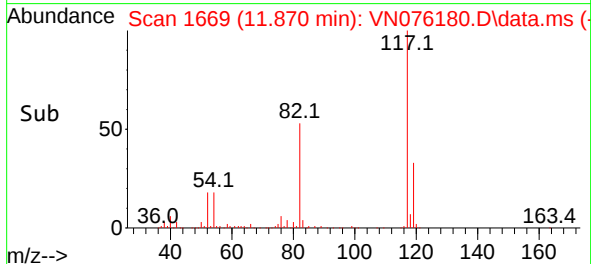
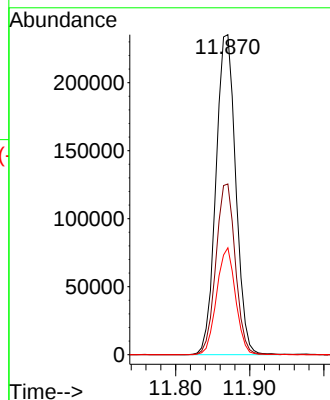
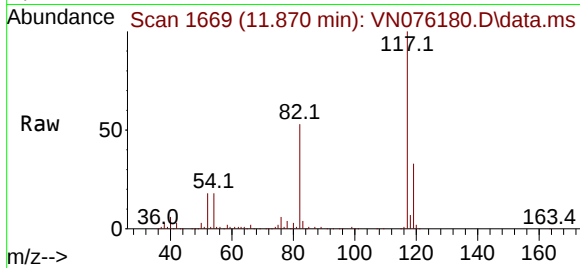




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076180.D
Acq: 10 Jan 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
31920

Tgt Ion:117 Resp: 436391
Ion Ratio Lower Upper
117 100
82 53.4 41.3 61.9
119 33.4 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: VN076180.D
Acq: 10 Jan 2023 14:01

Tgt Ion:152 Resp: 192493
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.4
150 157.4 0.0 347.0

