

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076951.D
 Acq On : 13 Mar 2023 10:44
 Operator : JC\MD
 Sample : VN0313MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313MBL01

Quant Time: Mar 14 06:58:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	389067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	648686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	546725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	221848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	263663	45.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.820%
35) Dibromofluoromethane	8.172	113	200227	46.314	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	10.572	98	751204	47.147	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.854	95	262258	45.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.000%

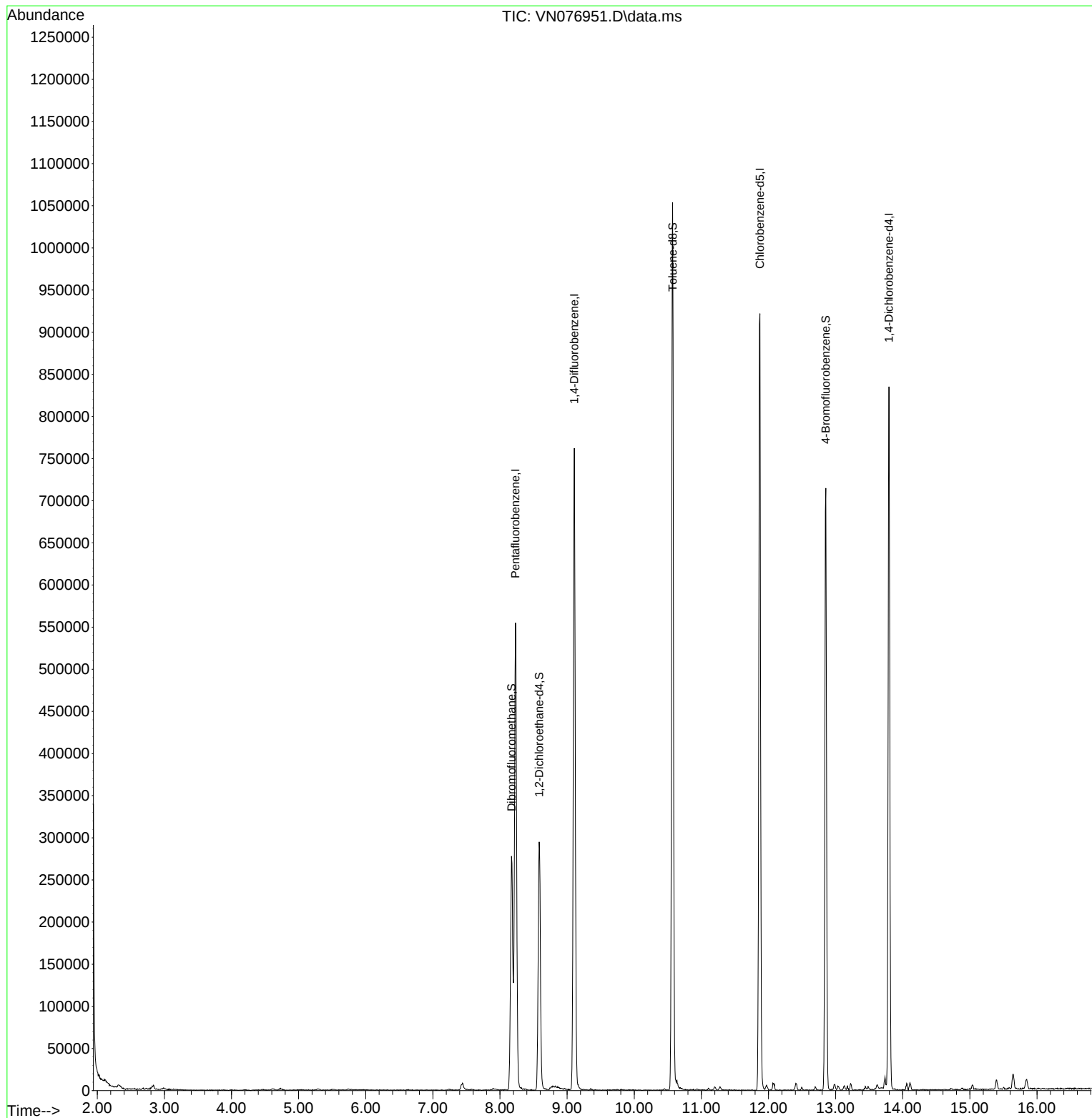
Target Compounds	Qvalue

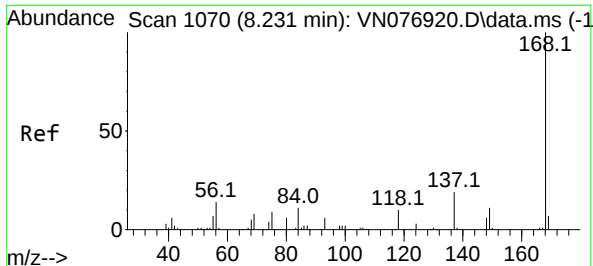
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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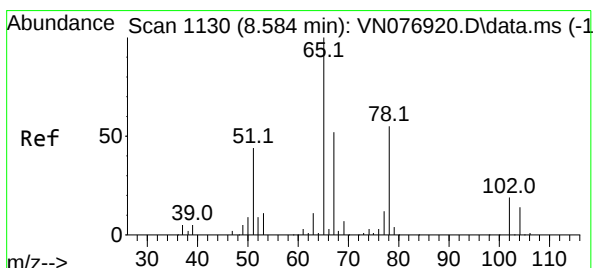
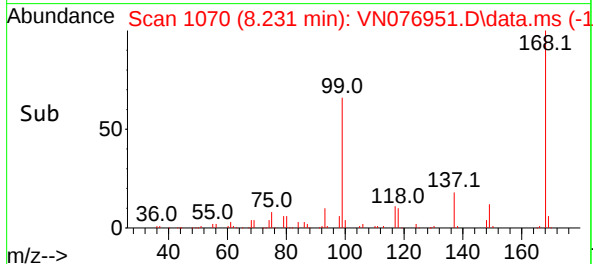
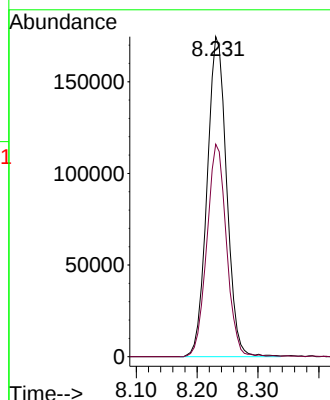
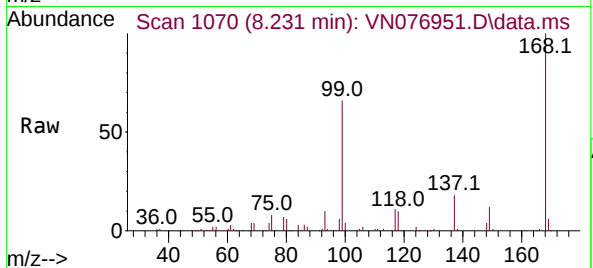




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

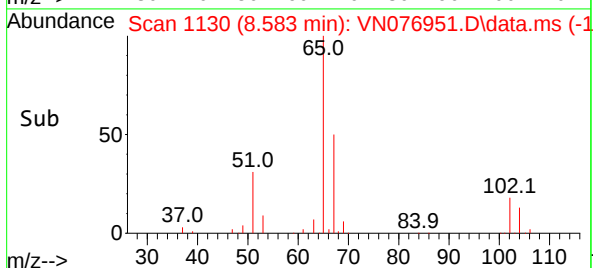
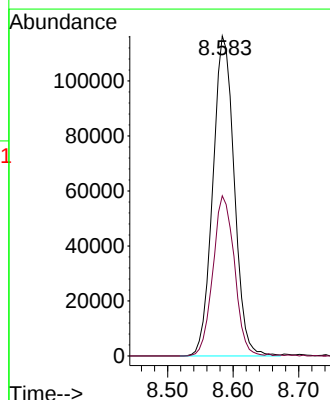
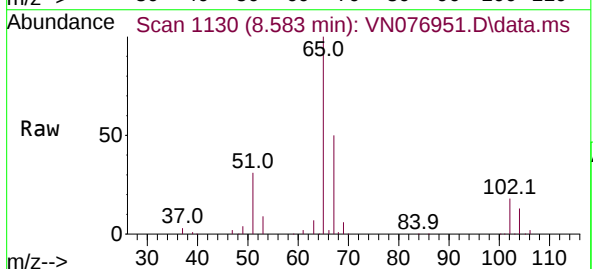
Instrument :
MSVOA_N
ClientSampleId :
VN0313MBL01

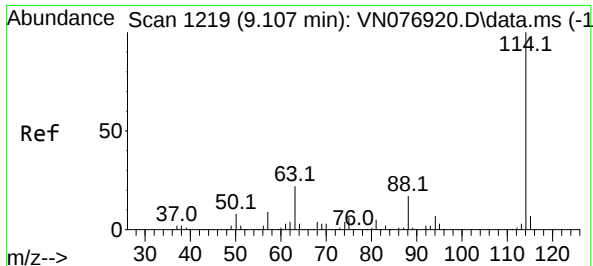
Tgt Ion:168 Resp: 389067
Ion Ratio Lower Upper
168 100
99 66.4 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 45.413 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 65 Resp: 263663
Ion Ratio Lower Upper
65 100
67 50.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076951.D

Acq: 13 Mar 2023 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0313MBL01

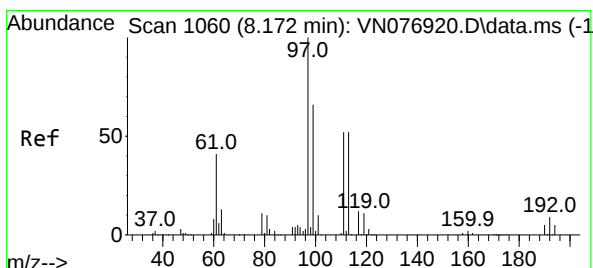
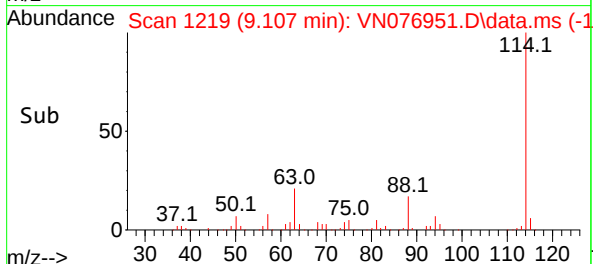
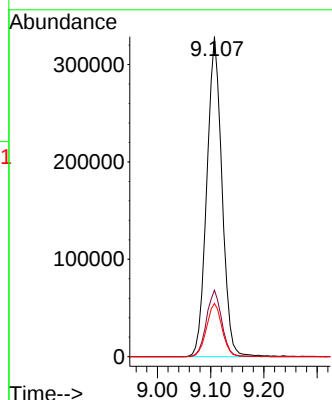
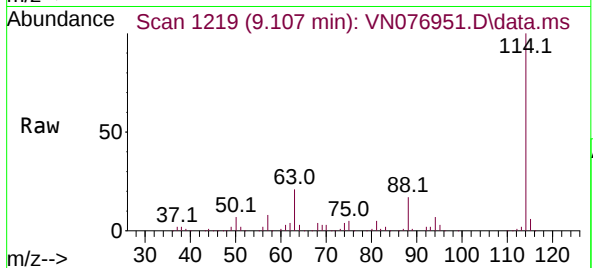
Tgt Ion:114 Resp: 648686

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

88 16.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.314 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076951.D

Acq: 13 Mar 2023 10:44

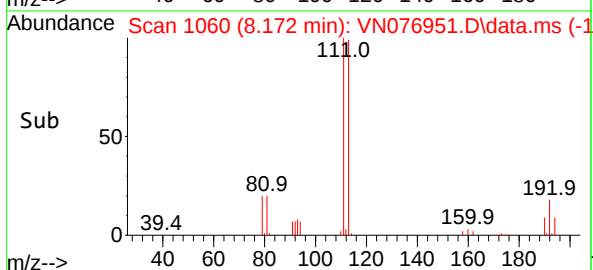
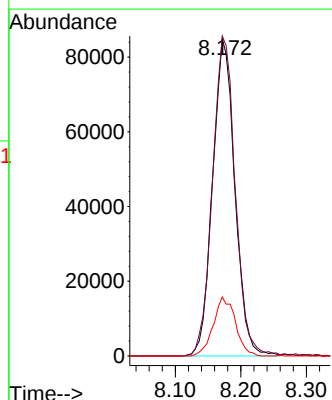
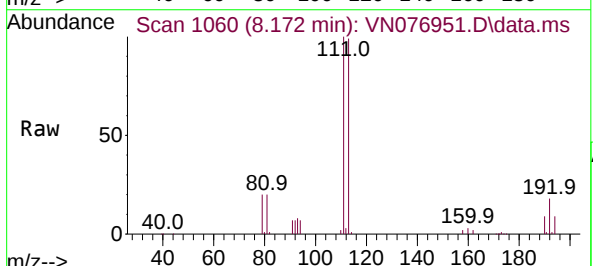
Tgt Ion:113 Resp: 200227

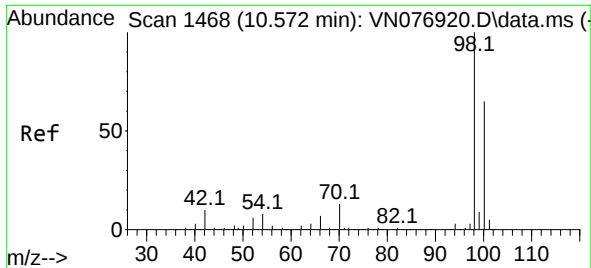
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 18.4 13.9 20.9

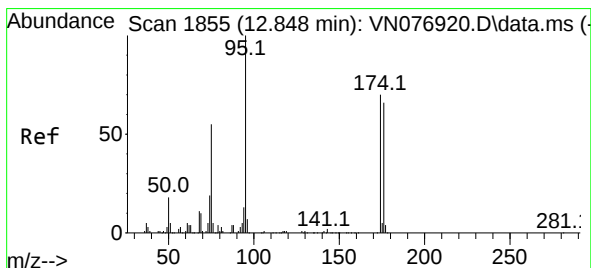
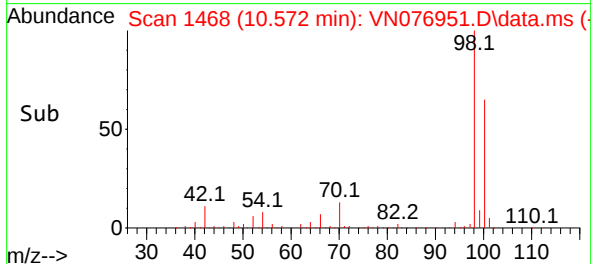
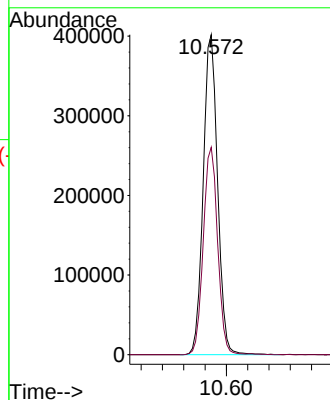
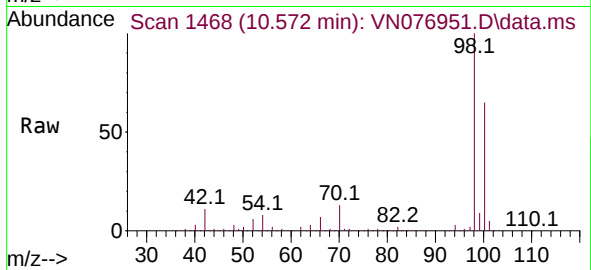




#50
Toluene-d8
Concen: 47.147 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

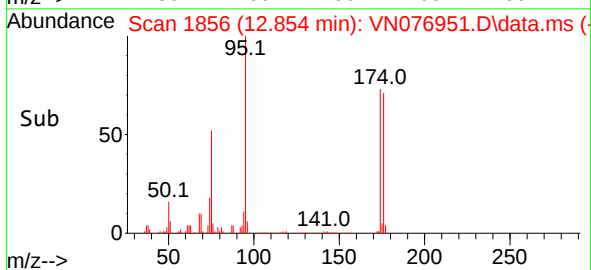
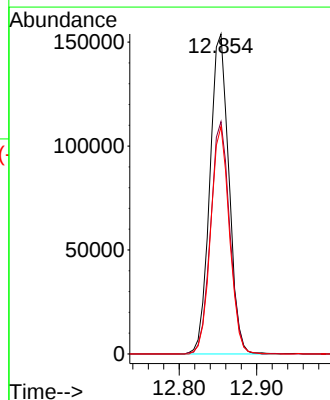
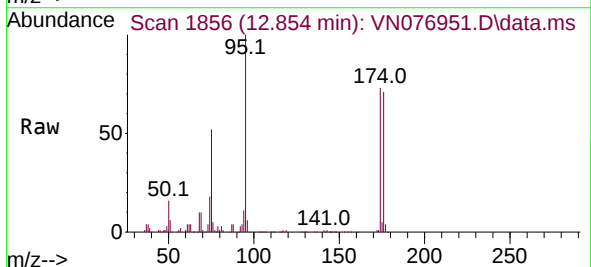
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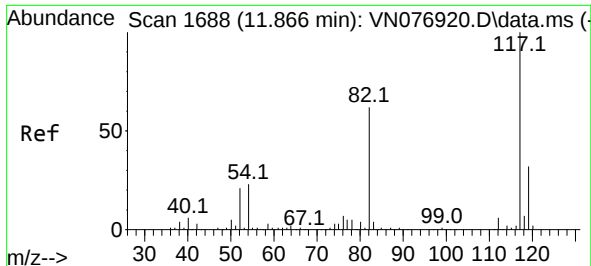
Tgt Ion: 98 Resp: 751204
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.000 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion: 95 Resp: 262258
Ion Ratio Lower Upper
95 100
174 72.9 0.0 162.4
176 69.9 0.0 157.4

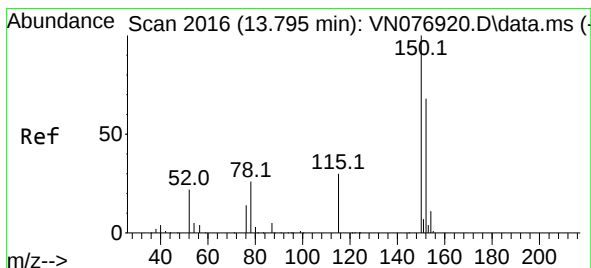
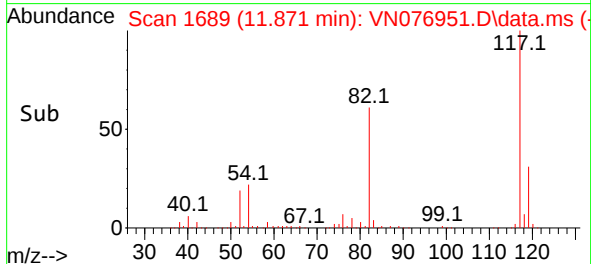
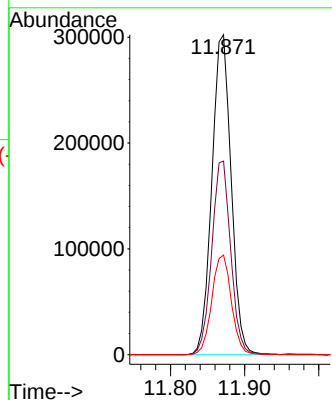
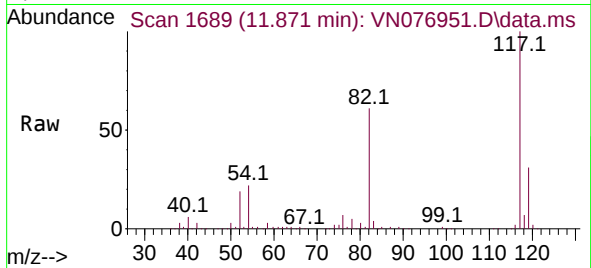




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0313MBL01

Tgt Ion:117 Resp: 546725
Ion Ratio Lower Upper
117 100
82 60.5 43.5 65.3
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076951.D
Acq: 13 Mar 2023 10:44

Tgt Ion:152 Resp: 221848
Ion Ratio Lower Upper
152 100
115 65.1 30.3 90.9
150 156.8 0.0 353.6

