

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075079.D
 Acq On : 31 Oct 2022 11:51
 Operator : JC\MD
 Sample : VN1031MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBL01

Quant Time: Nov 01 06:12:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	139187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	255817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	221062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85649	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102921	54.880	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.760%
35) Dibromofluoromethane	8.171	113	79356	52.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.680%
50) Toluene-d8	10.571	98	315039	54.070	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.140%
62) 4-Bromofluorobenzene	12.847	95	94742	46.289	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.580%

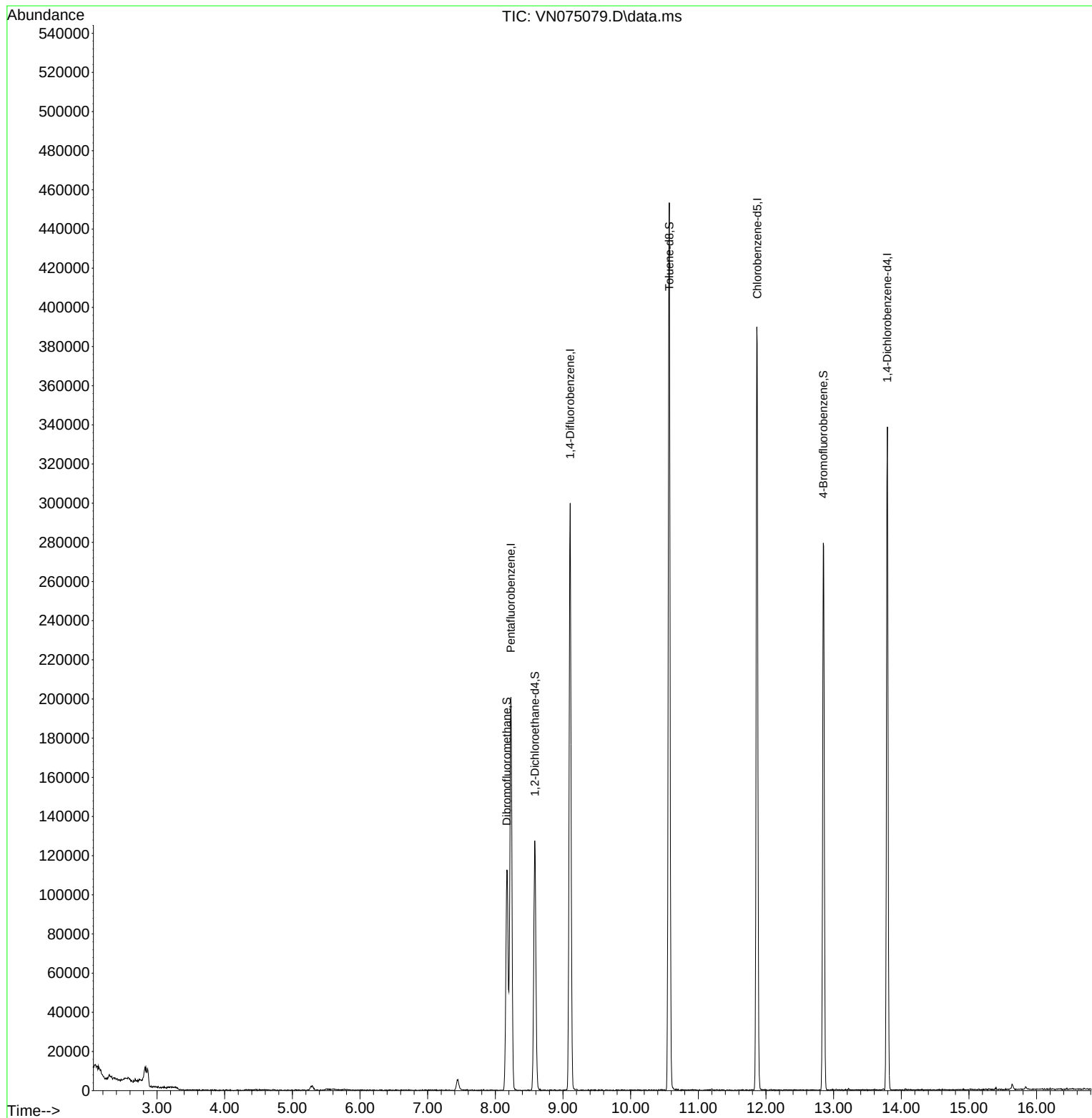
Target Compounds	Qvalue

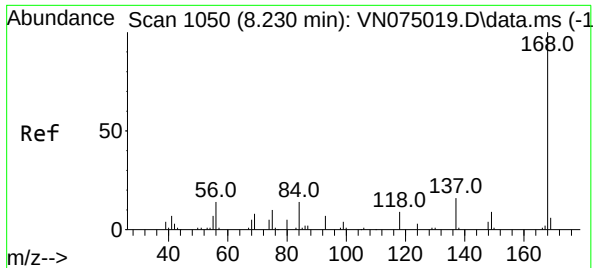
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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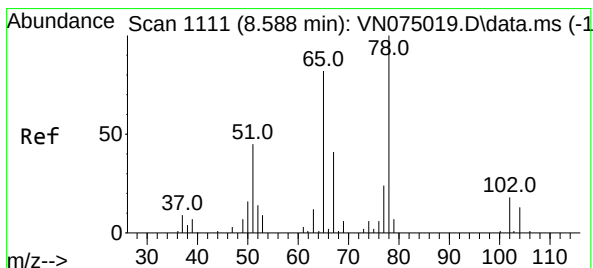
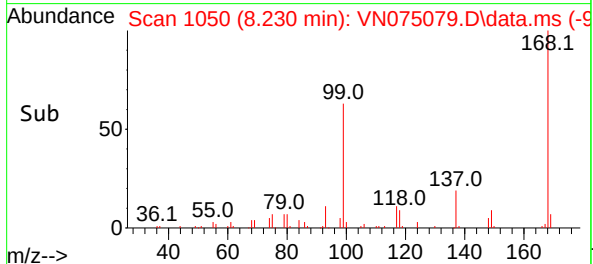
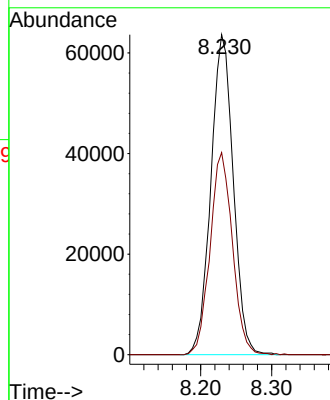
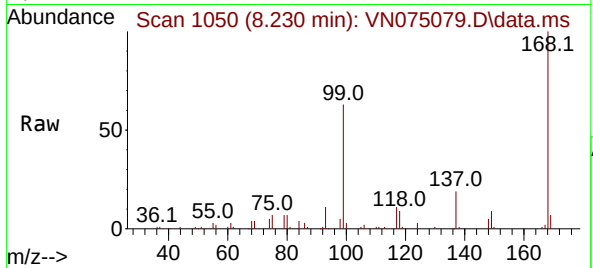




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

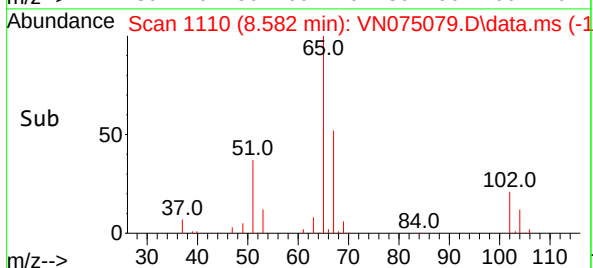
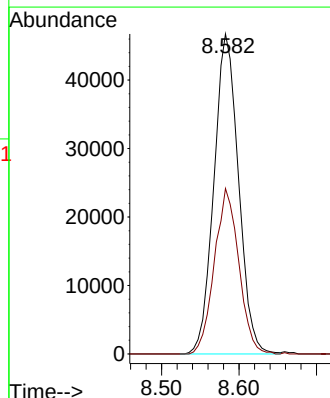
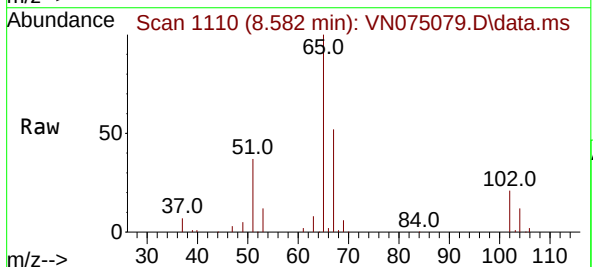
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBL01

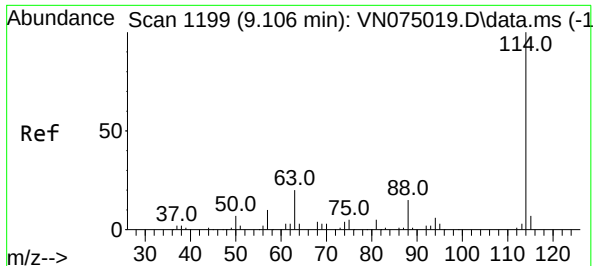
Tgt Ion:168 Resp: 139187
Ion Ratio Lower Upper
168 100
99 63.2 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 54.880 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

Tgt Ion: 65 Resp: 102921
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBL01

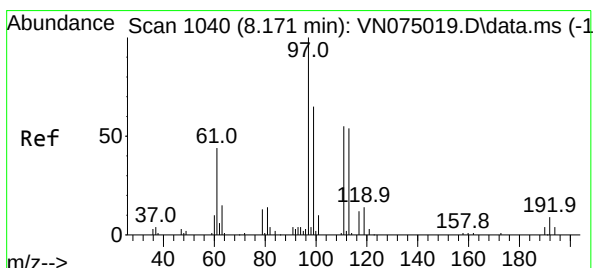
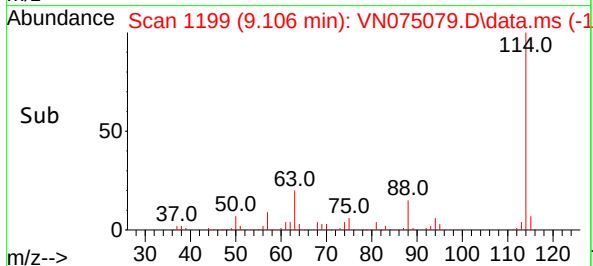
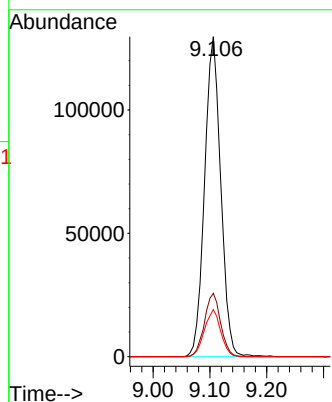
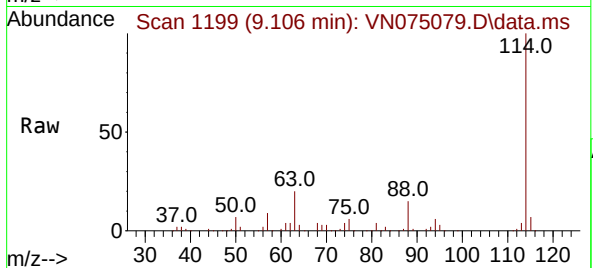
Tgt Ion:114 Resp: 255817

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.841 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

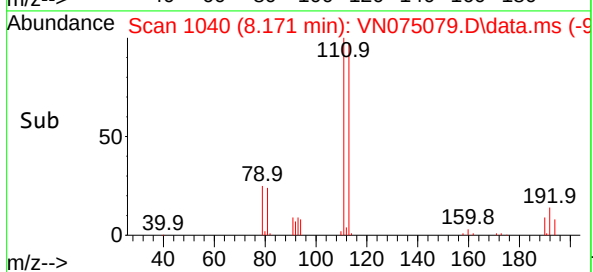
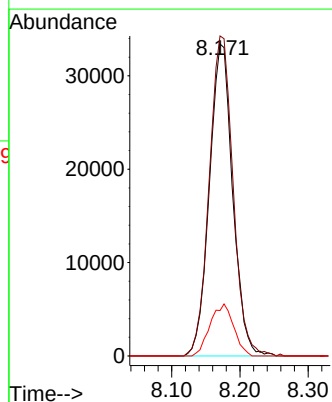
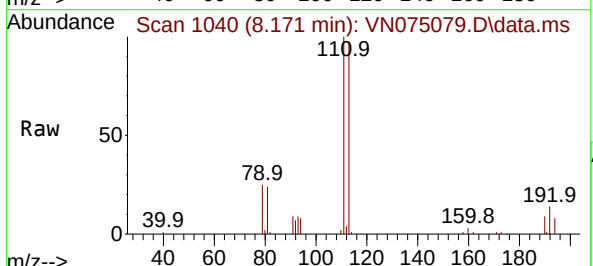
Tgt Ion:113 Resp: 79356

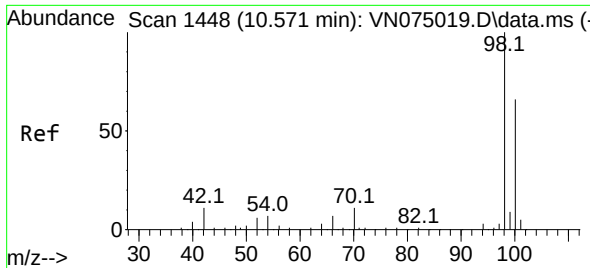
Ion Ratio Lower Upper

113 100

111 104.9 80.5 120.7

192 16.9 13.2 19.8

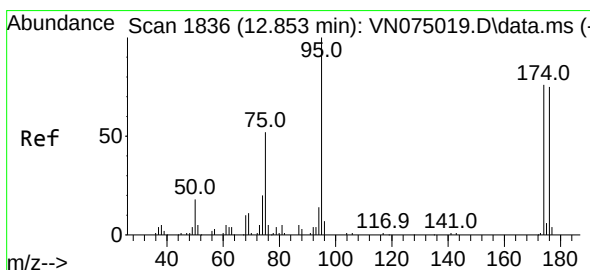
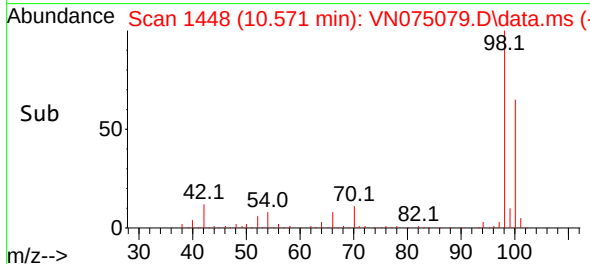
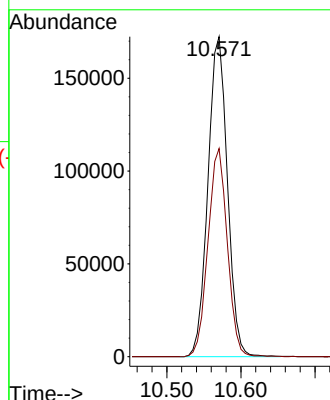
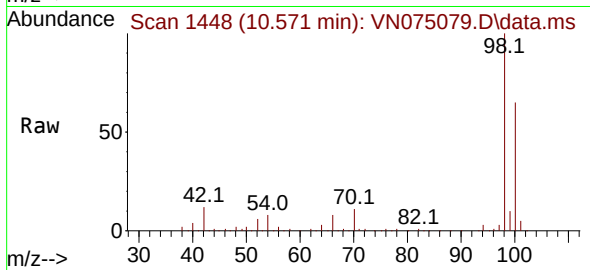




#50
Toluene-d8
Concen: 54.070 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

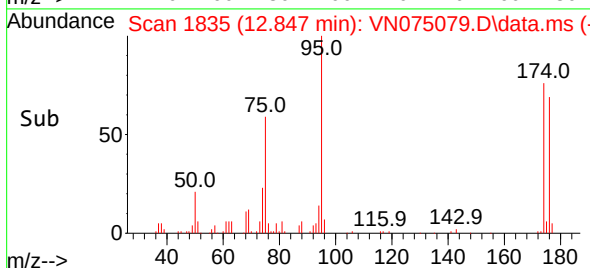
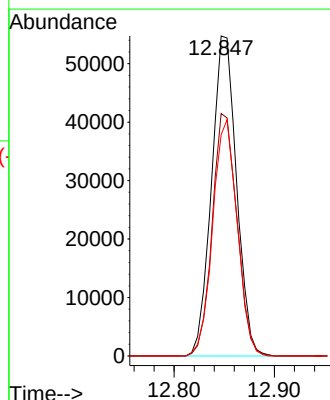
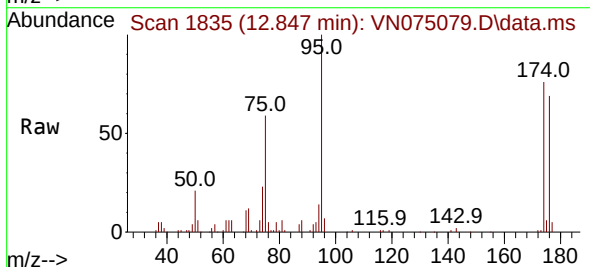
Instrument :
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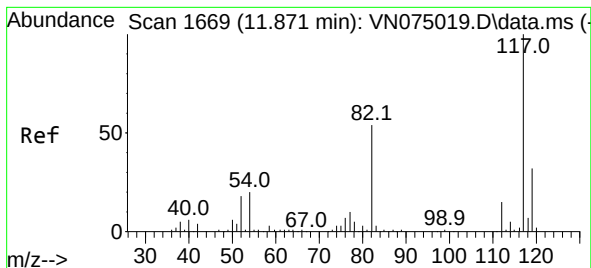
Tgt Ion: 98 Resp: 315039
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 46.289 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

Tgt Ion: 95 Resp: 94742
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.4
176 72.4 0.0 142.2

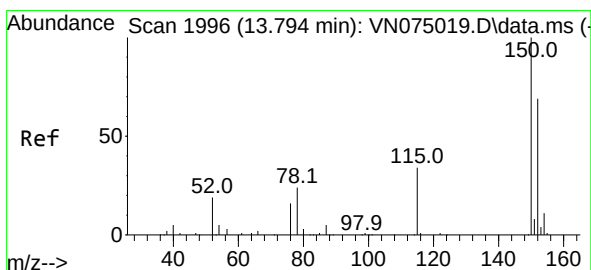
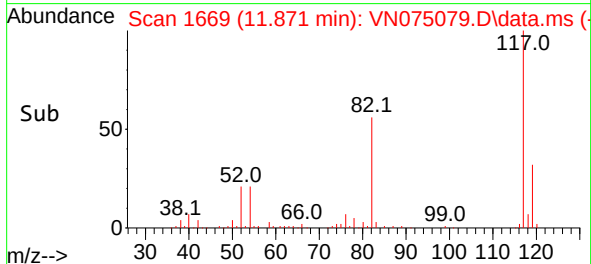
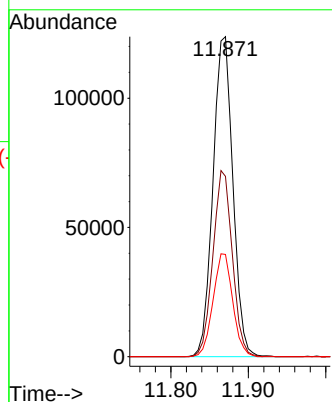
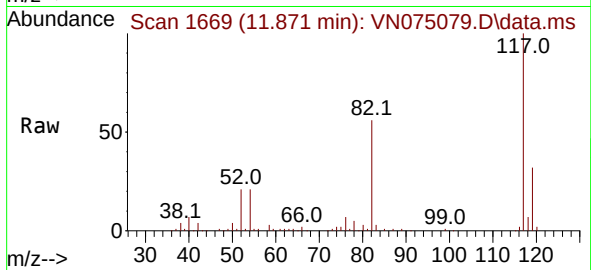




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBL01

Tgt Ion:117 Resp: 221062
Ion Ratio Lower Upper
117 100
82 56.3 43.1 64.7
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

Tgt Ion:152 Resp: 85649
Ion Ratio Lower Upper
152 100
115 61.1 30.2 90.6
150 157.2 0.0 348.4

