

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075089.D
 Acq On : 31 Oct 2022 16:11
 Operator : JC\MD
 Sample : N5378-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20221028

Quant Time: Nov 01 06:19:01 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	8.235	168	98603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	160348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	79929	60.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.320%
35) Dibromofluoromethane	8.177	113	60077	53.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.760%
50) Toluene-d8	10.571	98	228509	52.328	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.660%
62) 4-Bromofluorobenzene	12.853	95	67846	44.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.460%

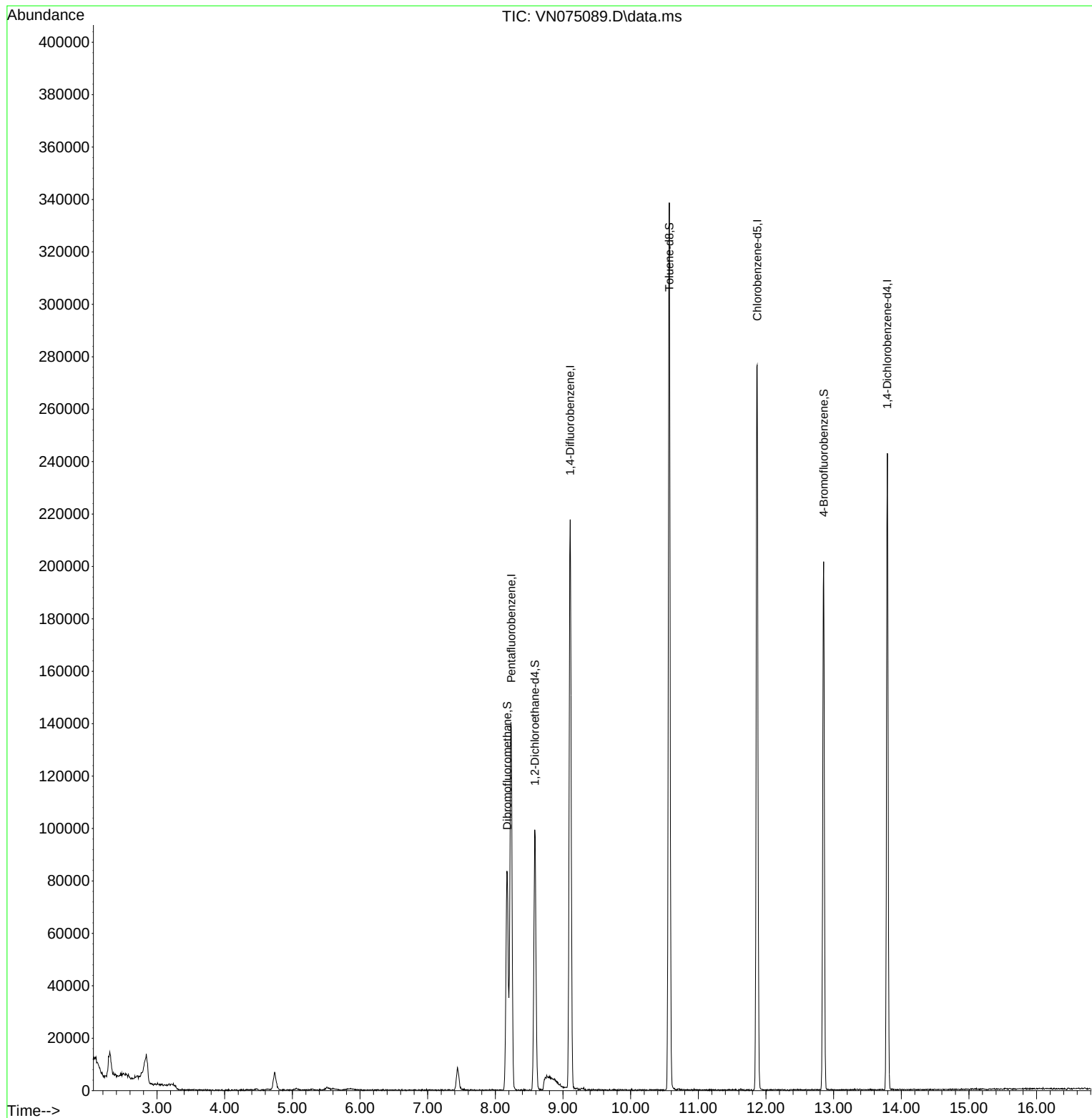
Target Compounds	Qvalue

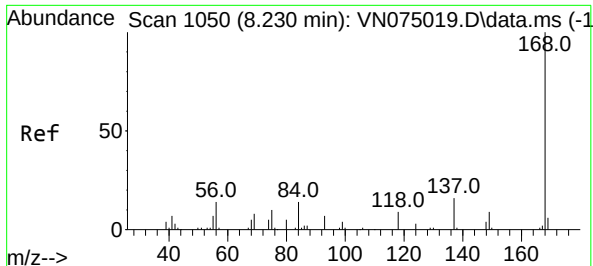
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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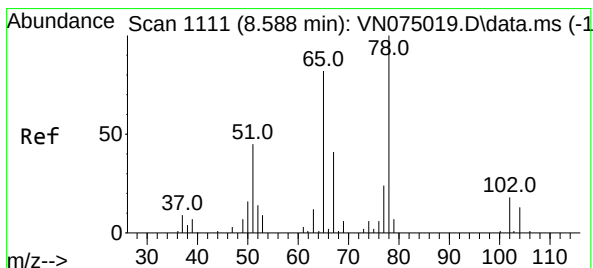
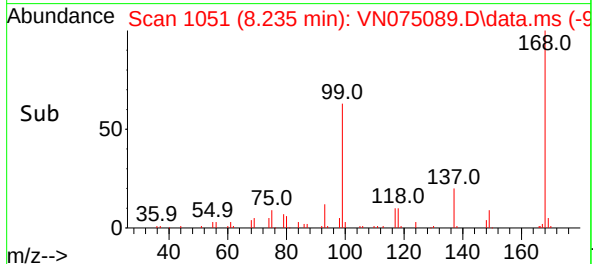
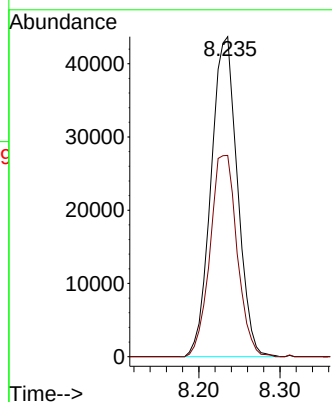
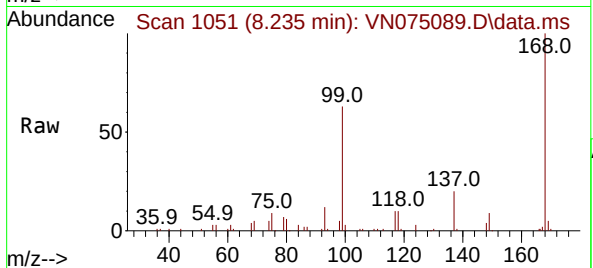




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 110
Delta R.T. 0.005 min
Lab File: VN075089.D
Acq: 31 Oct 2022 16:11

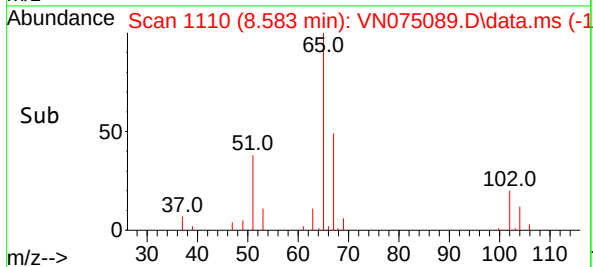
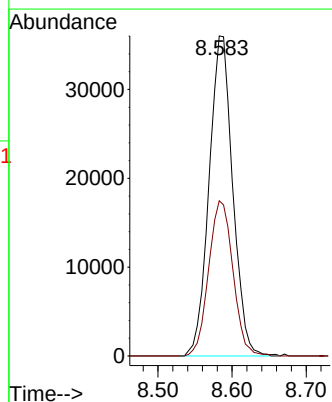
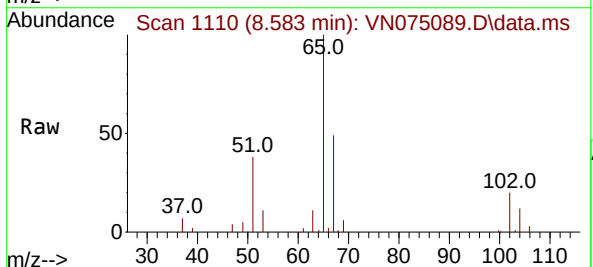
Instrument :
MSVOA_N
ClientSampleId :
TB-20221028

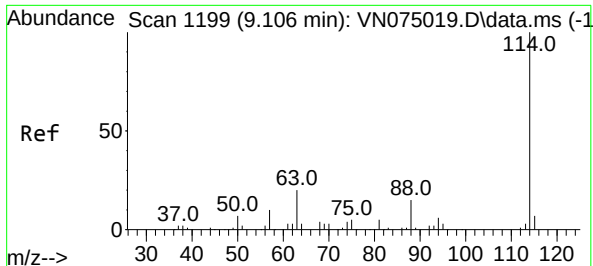
Tgt Ion:168 Resp: 98603
Ion Ratio Lower Upper
168 100
99 62.9 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 60.162 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075089.D
Acq: 31 Oct 2022 16:11

Tgt Ion: 65 Resp: 79929
Ion Ratio Lower Upper
65 100
67 49.8 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: VN075089.D

Acq: 31 Oct 2022 16:11

Instrument :

MSVOA_N

ClientSampleId :

TB-20221028

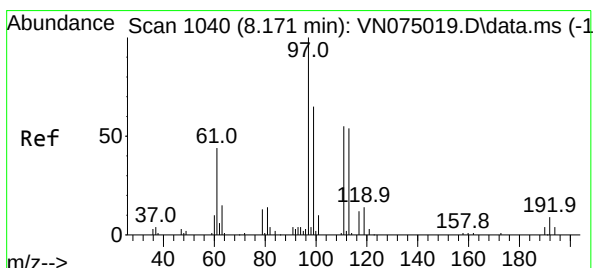
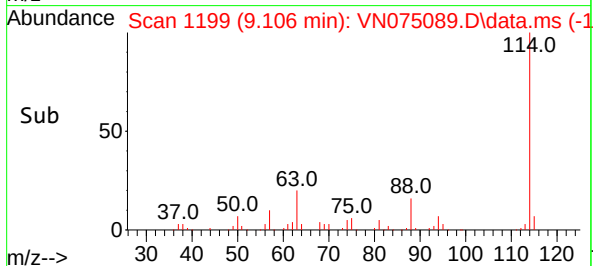
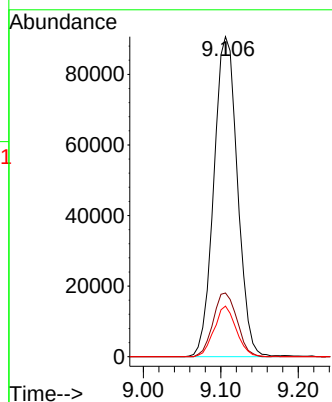
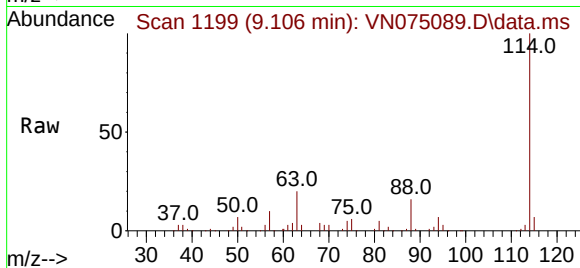
Tgt Ion:114 Resp: 191731

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.375 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075089.D

Acq: 31 Oct 2022 16:11

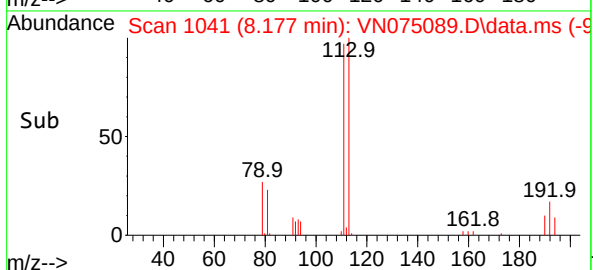
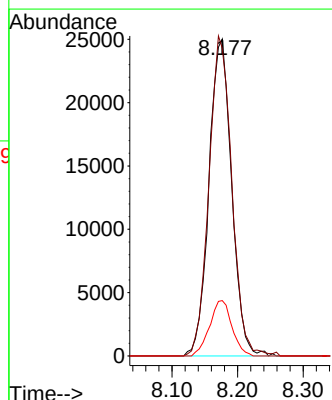
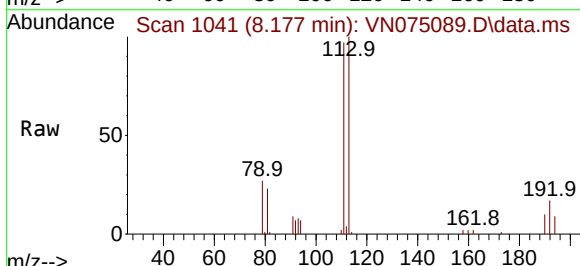
Tgt Ion:113 Resp: 60077

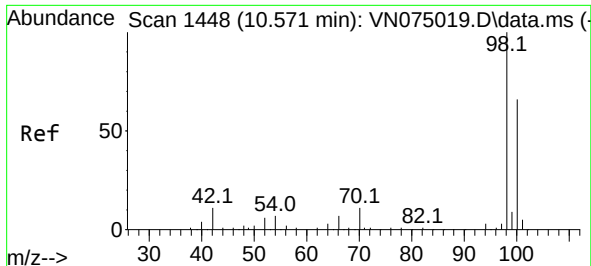
Ion Ratio Lower Upper

113 100

111 101.7 80.5 120.7

192 17.2 13.2 19.8

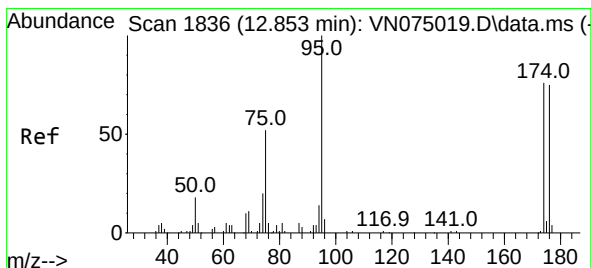
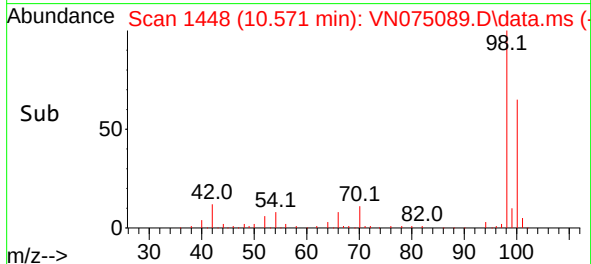
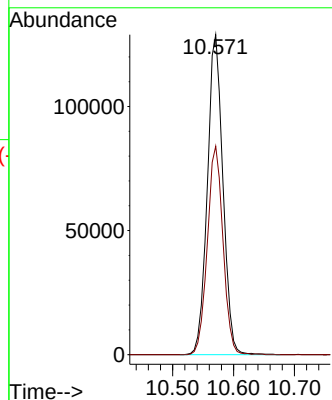
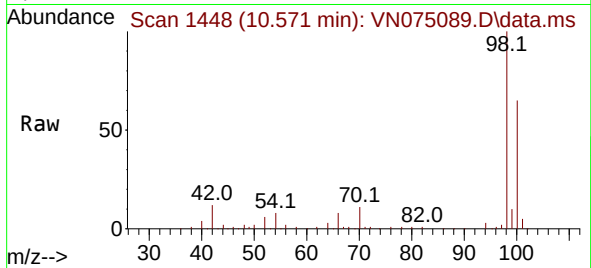




#50
Toluene-d8
Concen: 52.328 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075089.D
Acq: 31 Oct 2022 16:11

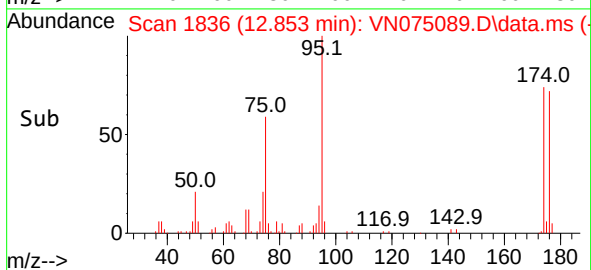
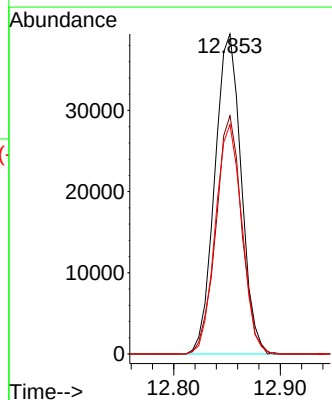
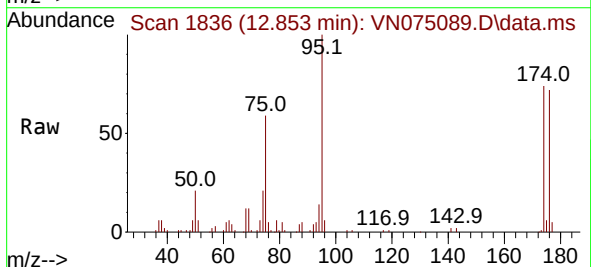
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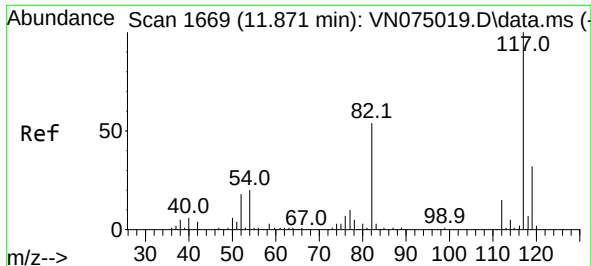
Tgt Ion: 98 Resp: 228509
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 44.228 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075089.D
Acq: 31 Oct 2022 16:11

Tgt Ion: 95 Resp: 67846
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 71.9 0.0 142.2

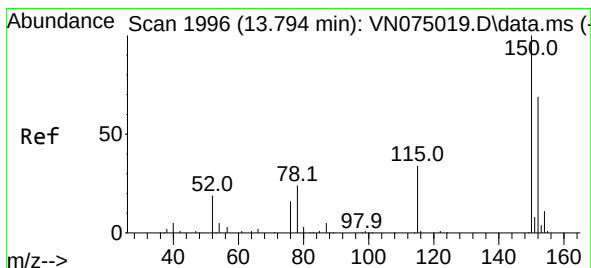
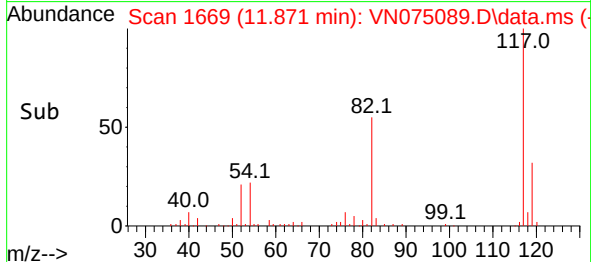
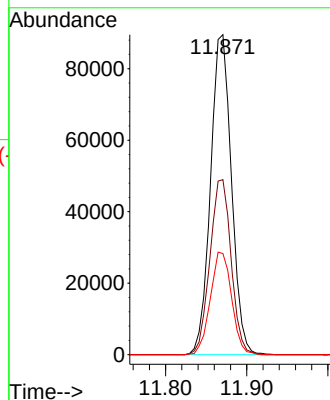
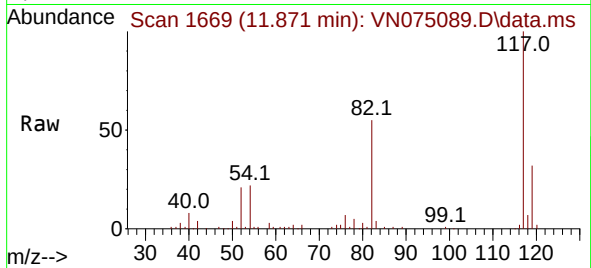




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075089.D
Acq: 31 Oct 2022 16:11

Instrument :
MSVOA_N
ClientSampleId :
TB-20221028

Tgt Ion:117 Resp: 160348
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 31.6 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: VN075089.D
Acq: 31 Oct 2022 16:11

Tgt Ion:152 Resp: 62085
Ion Ratio Lower Upper
152 100
115 62.2 30.2 90.6
150 157.2 0.0 348.4

