

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075653.D
 Acq On : 08 Dec 2022 17:20
 Operator : JC\MD
 Sample : N5879-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 09 02:10:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	171339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	242836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	47233	51.356	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.720%
35) Dibromofluoromethane	8.177	113	61459	56.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.240%
50) Toluene-d8	10.571	98	120352	48.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.600%
62) 4-Bromofluorobenzene	12.853	95	86741	47.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%

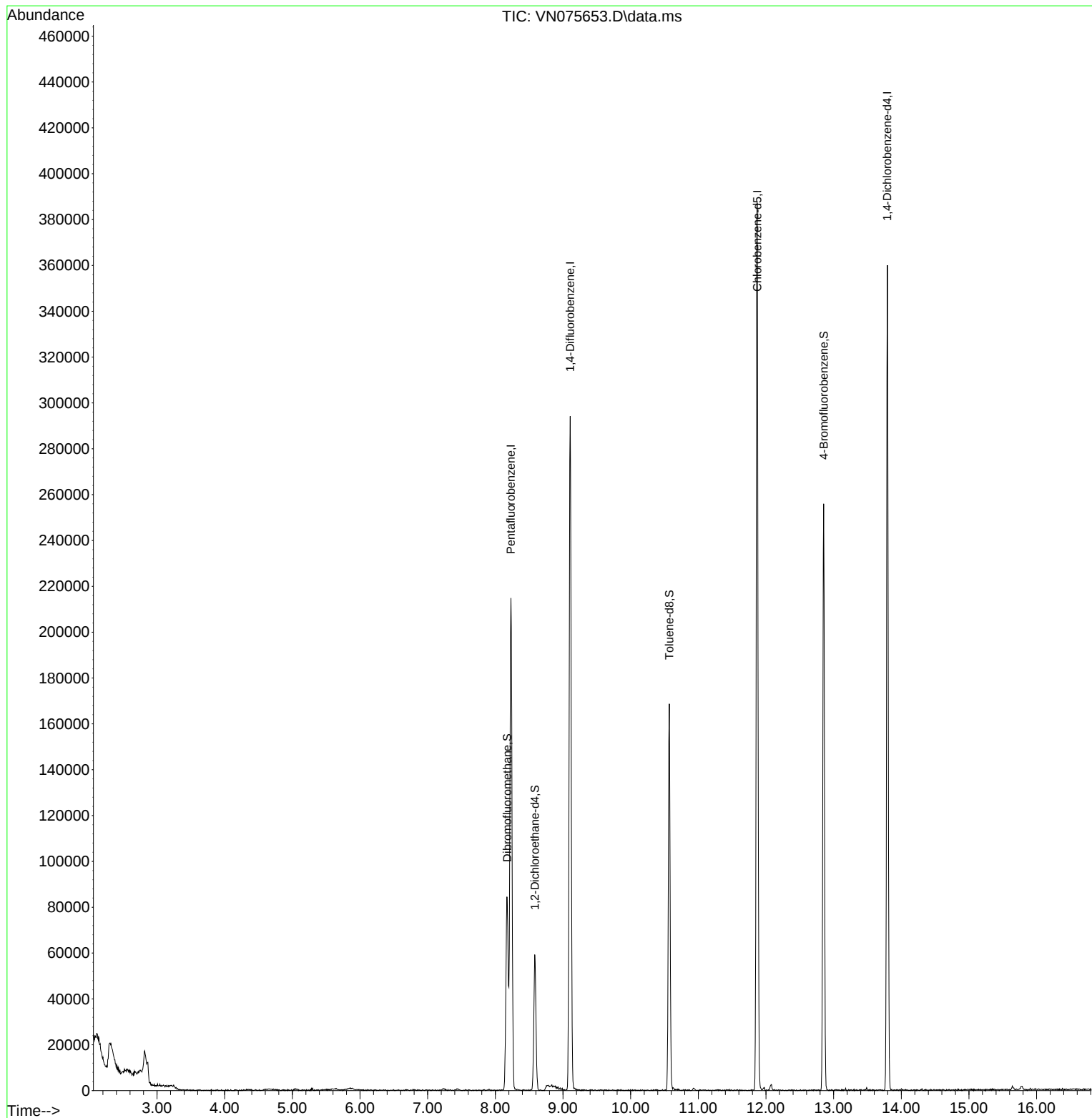
Target Compounds	Qvalue

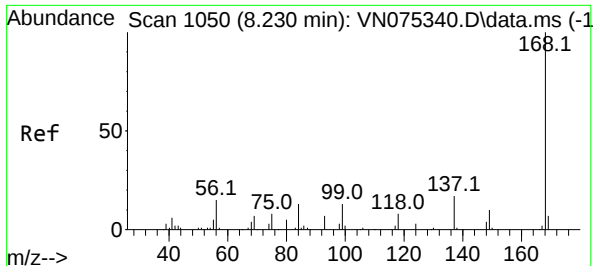
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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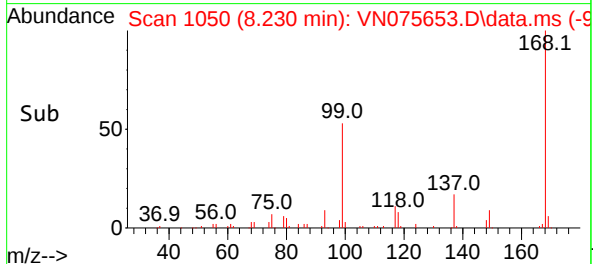
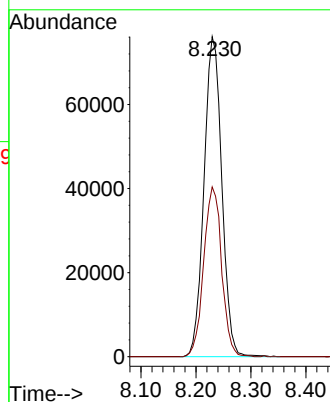
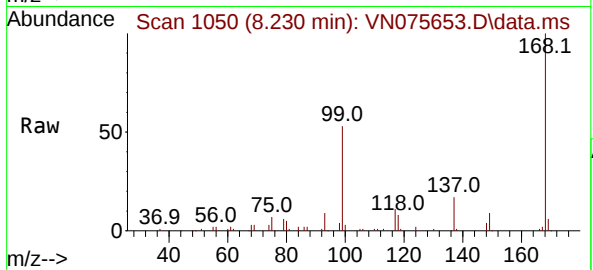




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

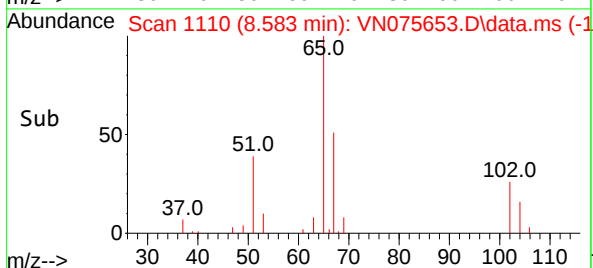
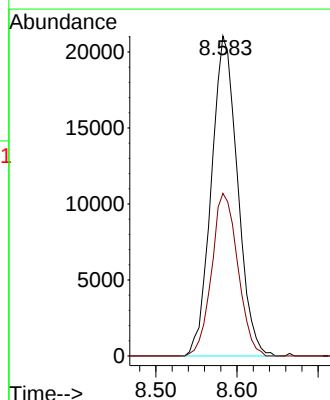
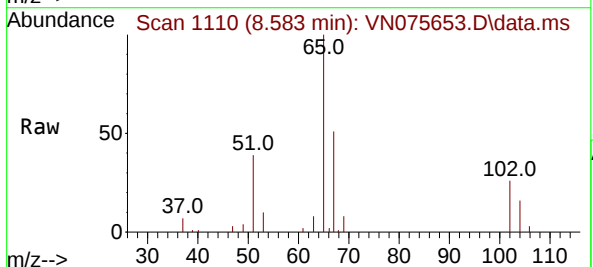
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

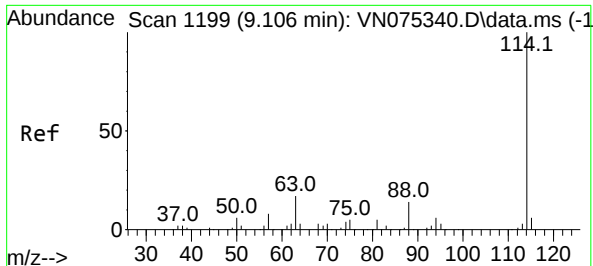
Tgt Ion:168 Resp: 171339
Ion Ratio Lower Upper
168 100
99 53.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 51.356 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion: 65 Resp: 47233
Ion Ratio Lower Upper
65 100
67 50.7 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: VN075653.D

Acq: 08 Dec 2022 17:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

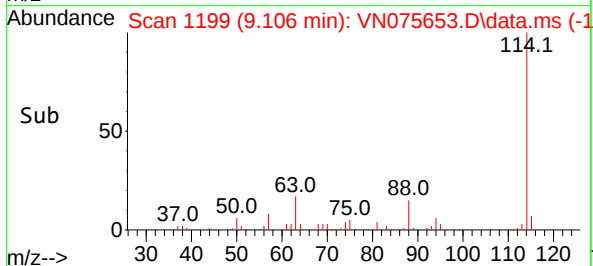
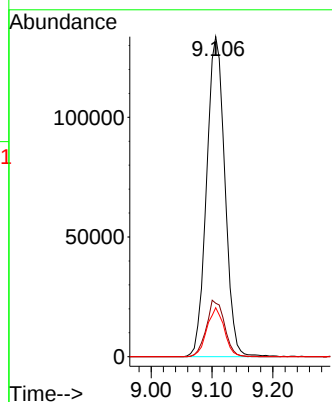
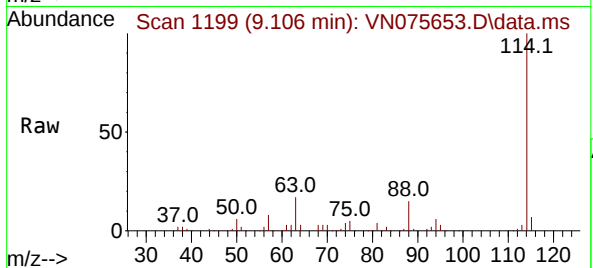
Tgt Ion:114 Resp: 278761

Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.124 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075653.D

Acq: 08 Dec 2022 17:20

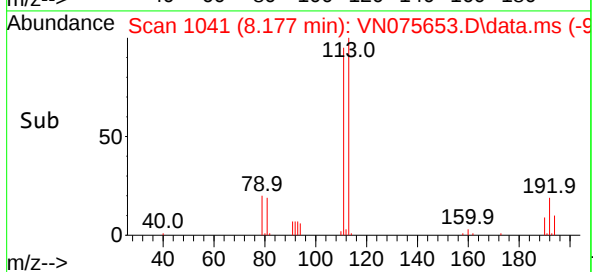
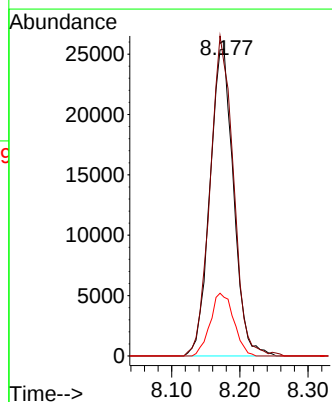
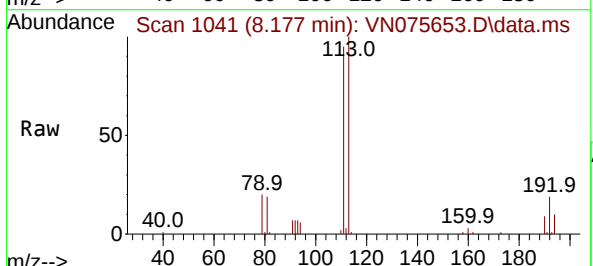
Tgt Ion:113 Resp: 61459

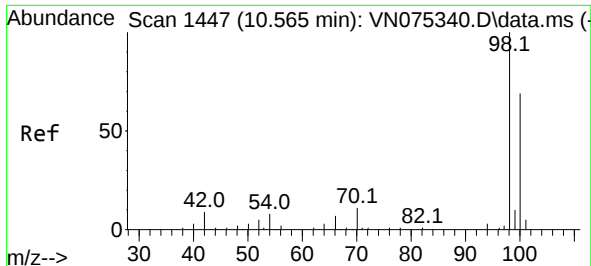
Ion Ratio Lower Upper

113 100

111 103.1 80.5 120.7

192 20.3 13.2 19.8#

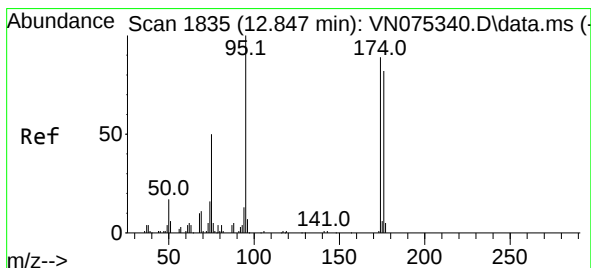
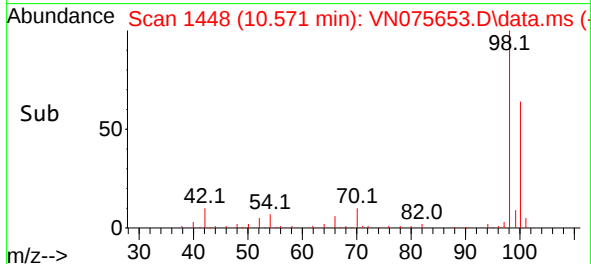
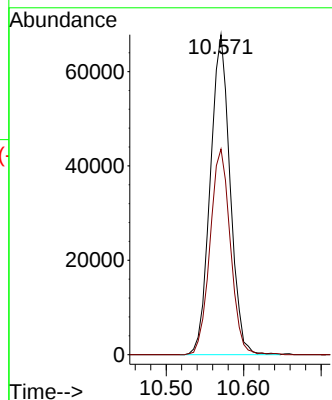
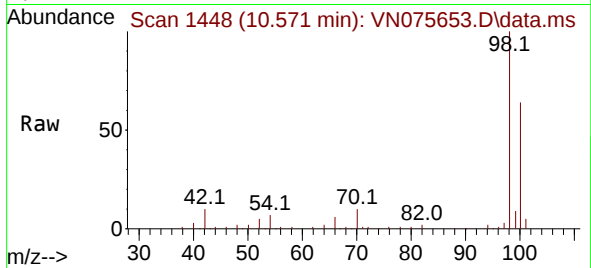




#50
Toluene-d8
Concen: 48.797 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

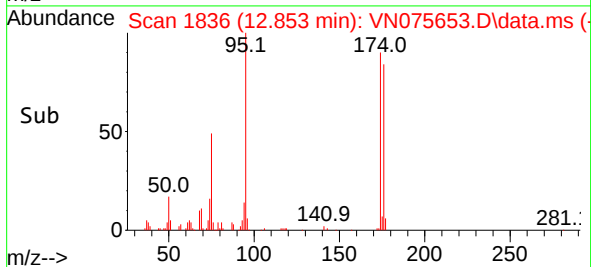
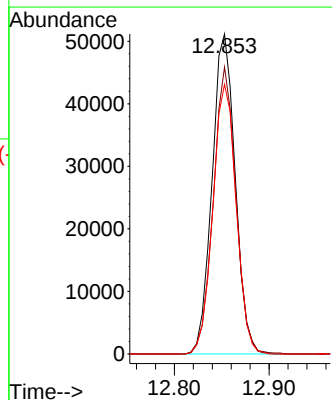
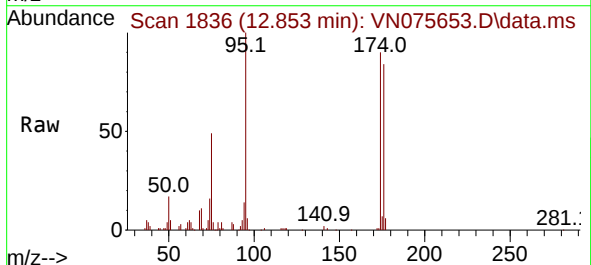
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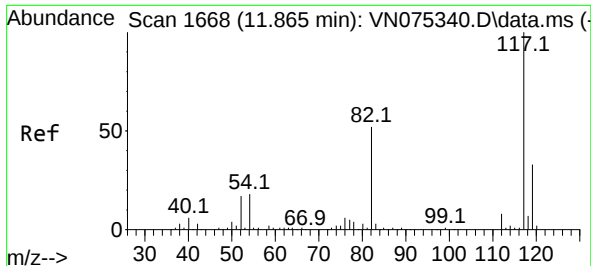
Tgt Ion: 98 Resp: 120352
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.648 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion: 95 Resp: 86741
Ion Ratio Lower Upper
95 100
174 87.4 0.0 147.4
176 85.0 0.0 142.2

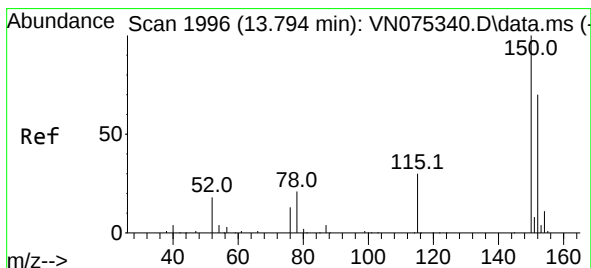
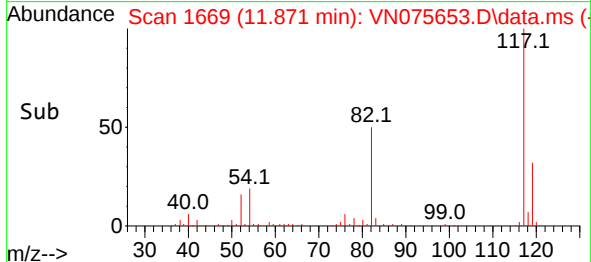
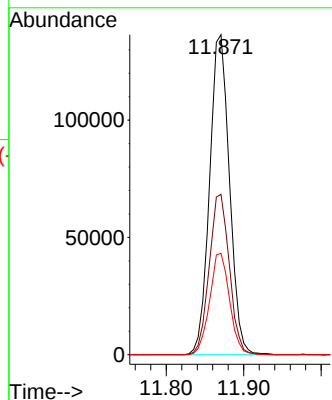
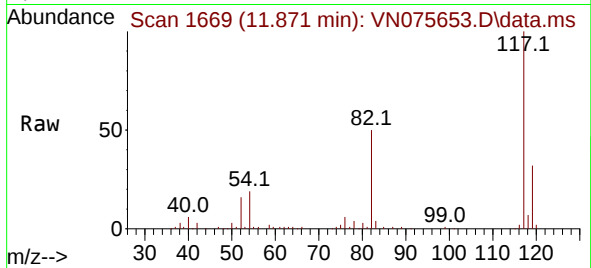




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075653.D
Acq: 08 Dec 2022 17:20

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 242836
Ion Ratio Lower Upper
117 100
82 50.1 43.1 64.7
119 31.7 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: VN075653.D
Acq: 08 Dec 2022 17:20

Tgt Ion:152 Resp: 102802
Ion Ratio Lower Upper
152 100
115 57.3 30.2 90.6
150 155.0 0.0 348.4

