

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075613.D
 Acq On : 07 Dec 2022 17:55
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Dec 08 00:22:47 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	140129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	216837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	53450	71.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 142.120%#	
35) Dibromofluoromethane	8.171	113	66381	65.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 131.900%#	
50) Toluene-d8	10.571	98	116366	51.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.853	95	83504	49.906	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.820%	

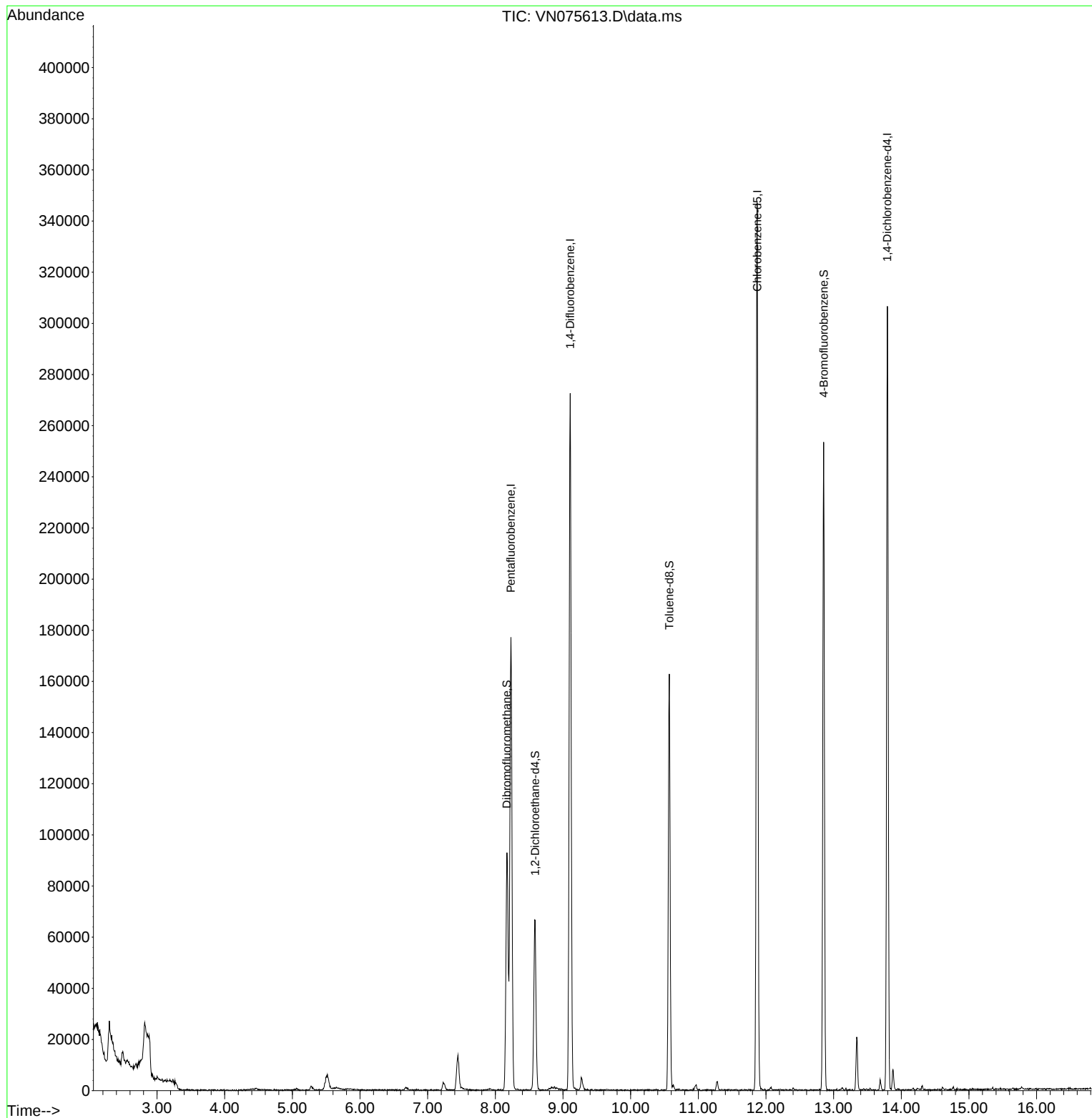
Target Compounds	Qvalue

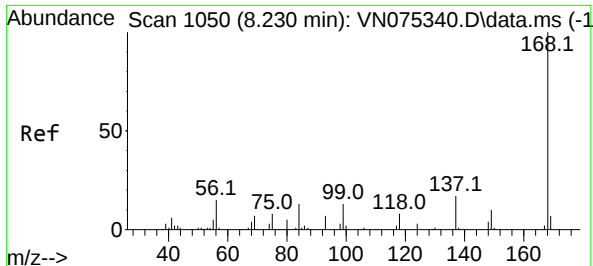
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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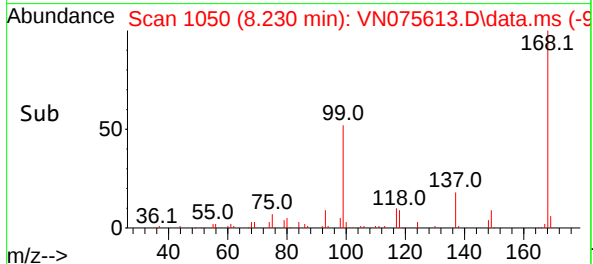
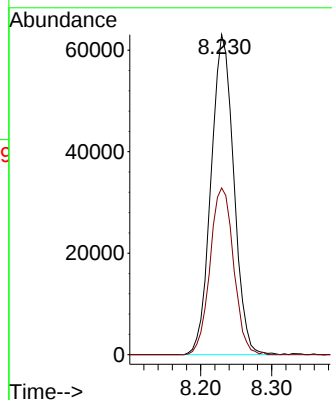
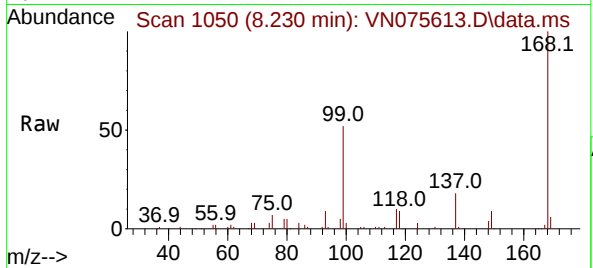




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

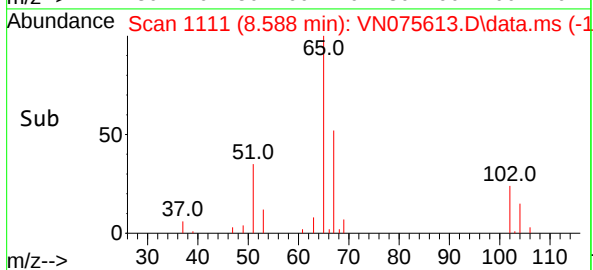
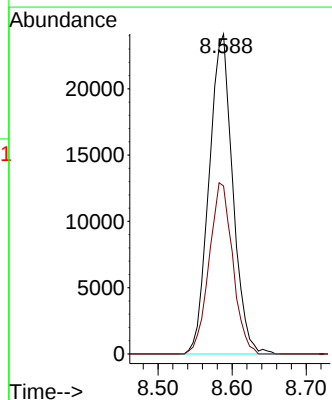
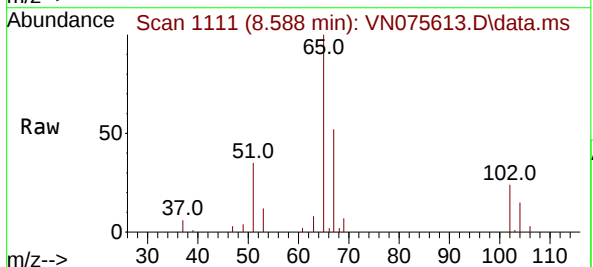
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

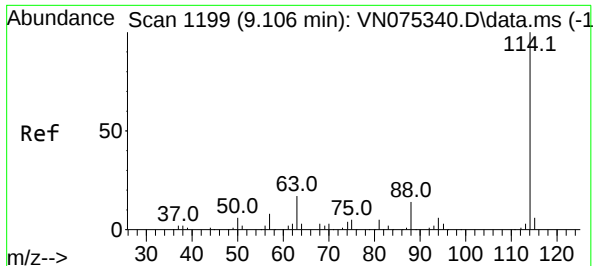
Tgt Ion:168 Resp: 140129
Ion Ratio Lower Upper
168 100
99 52.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 71.059 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 65 Resp: 53450
Ion Ratio Lower Upper
65 100
67 53.3 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: VN075613.D

Acq: 07 Dec 2022 17:55

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

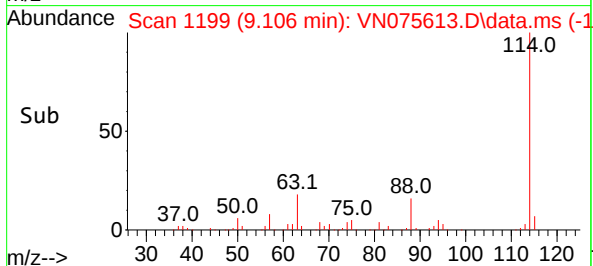
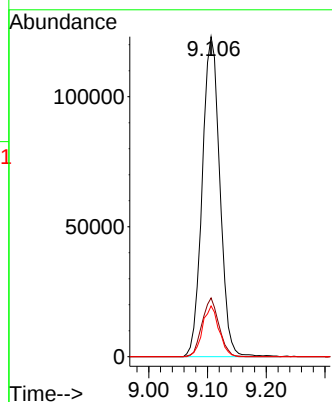
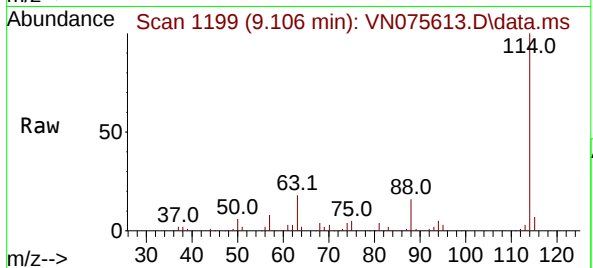
Tgt Ion:114 Resp: 256214

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 65.953 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075613.D

Acq: 07 Dec 2022 17:55

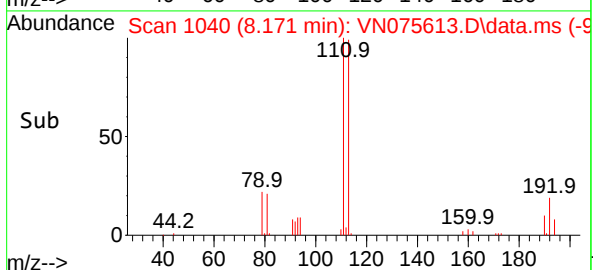
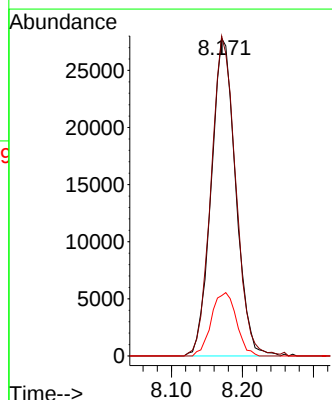
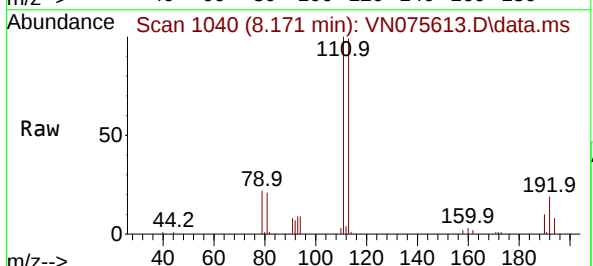
Tgt Ion:113 Resp: 66381

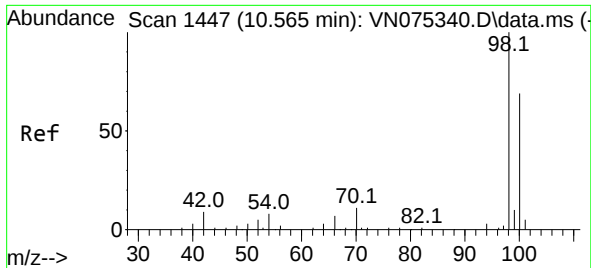
Ion Ratio Lower Upper

113 100

111 101.5 80.5 120.7

192 20.4 13.2 19.8#

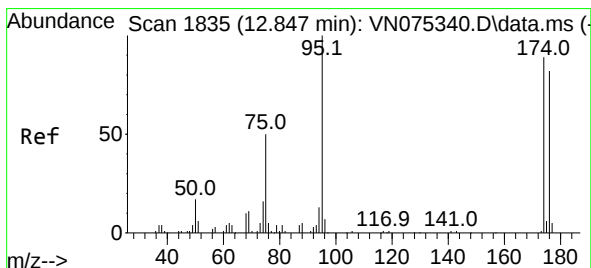
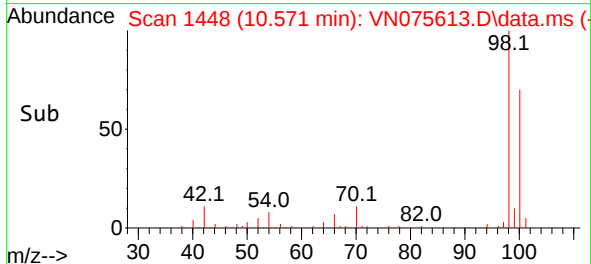
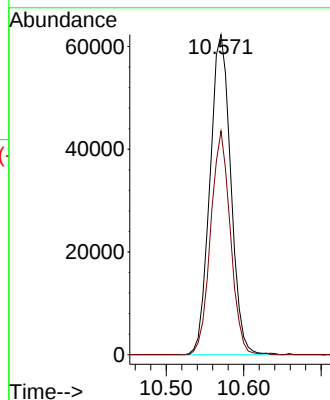
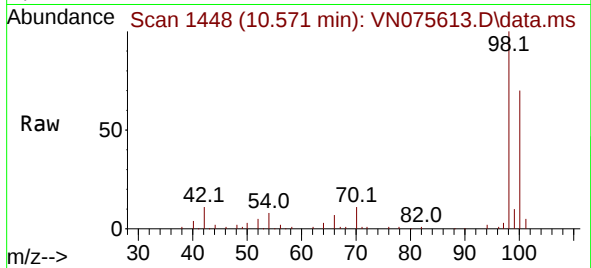




#50
Toluene-d8
Concen: 51.333 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

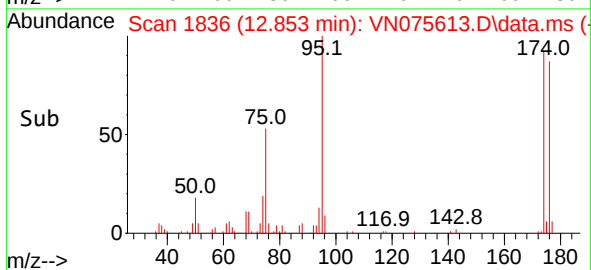
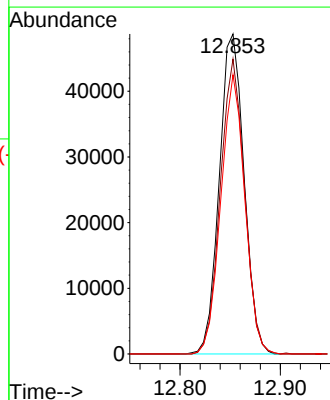
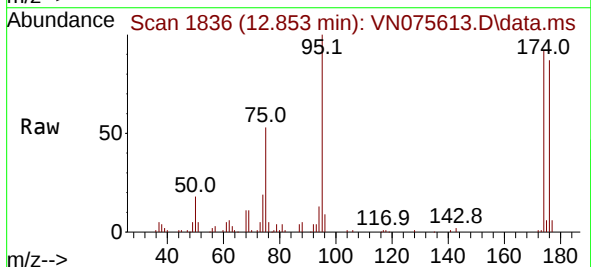
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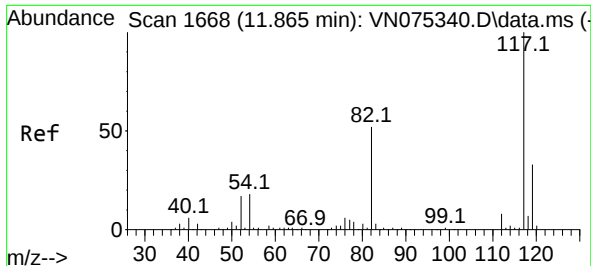
Tgt Ion: 98 Resp: 116366
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 49.906 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion: 95 Resp: 83504
Ion Ratio Lower Upper
95 100
174 90.0 0.0 147.4
176 84.5 0.0 142.2

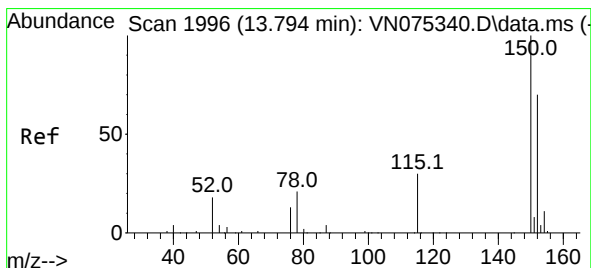
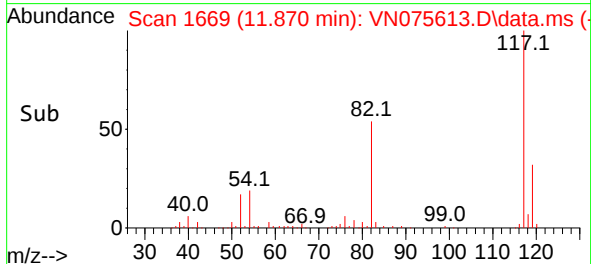
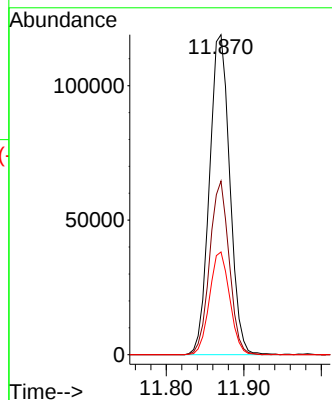
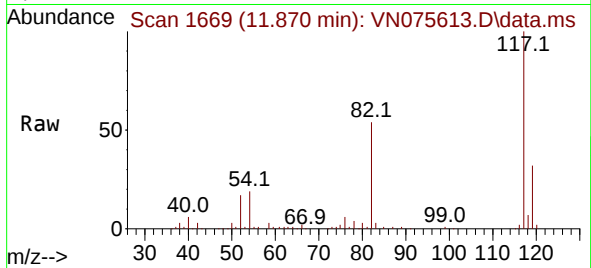




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN075613.D
Acq: 07 Dec 2022 17:55

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 216837
Ion Ratio Lower Upper
117 100
82 54.2 43.1 64.7
119 32.1 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: VN075613.D
Acq: 07 Dec 2022 17:55

Tgt Ion:152 Resp: 88983
Ion Ratio Lower Upper
152 100
115 58.2 30.2 90.6
150 157.5 0.0 348.4

