

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075919.D
 Acq On : 21 Dec 2022 15:05
 Operator : JC\MD
 Sample : N6164-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-147-166-122022

Quant Time: Dec 22 03:02:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

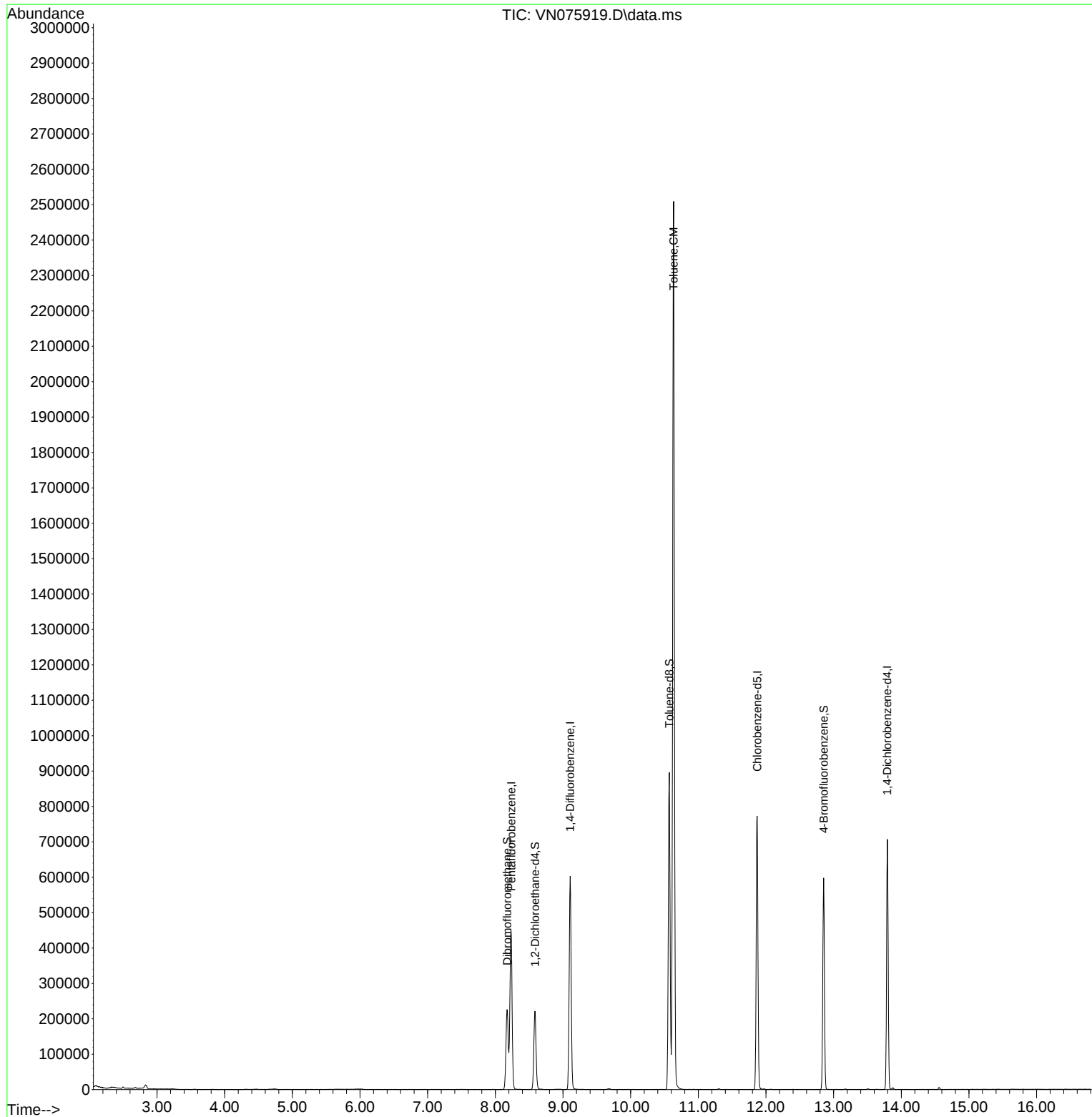
Internal Standards						
1) Pentafluorobenzene	8.236	168	357113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	487064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	180871	46.556	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.120%
35) Dibromofluoromethane	8.177	113	164865	47.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.800%
50) Toluene-d8	10.571	98	635719	49.402	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.853	95	196692	46.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.300%
Target Compounds						
52) Toluene	10.635	92	1152388	125.437	ug/l	Qvalue 99

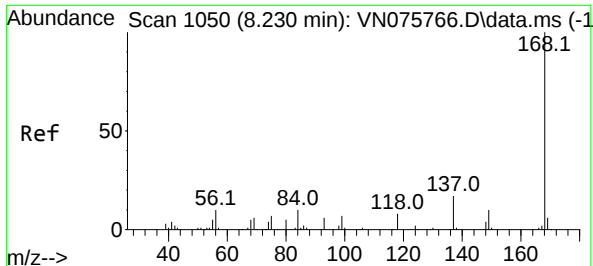
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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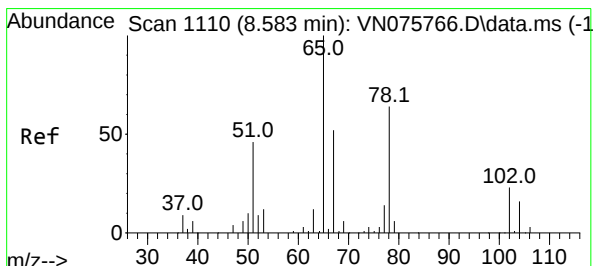
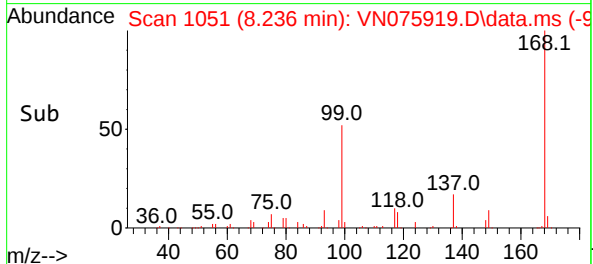
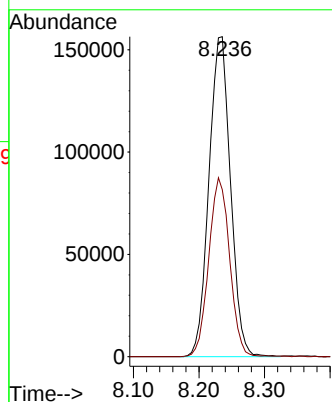
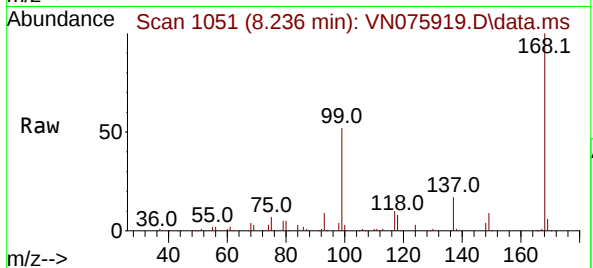




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VN075919.D
Acq: 21 Dec 2022 15:05

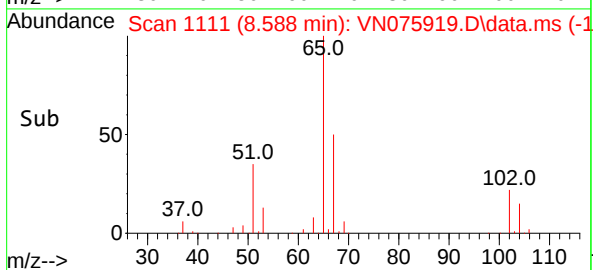
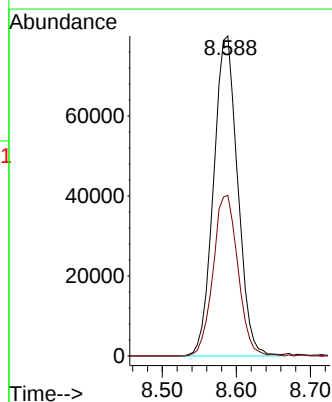
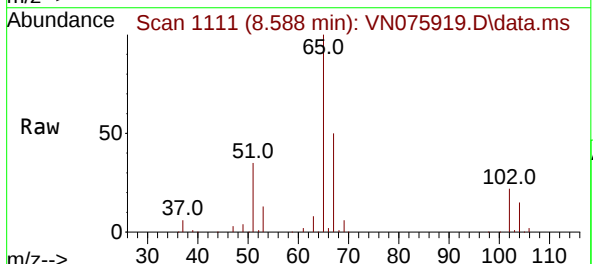
Instrument :
MSVOA_N
ClientSampleId :
GWOW-BR-04-147-166-122022

Tgt Ion:168 Resp: 357113
Ion Ratio Lower Upper
168 100
99 52.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.556 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075919.D
Acq: 21 Dec 2022 15:05

Tgt Ion: 65 Resp: 180871
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075919.D

Acq: 21 Dec 2022 15:05

Instrument :

MSVOA_N

ClientSampleId :

GWOW-BR-04-147-166-122022

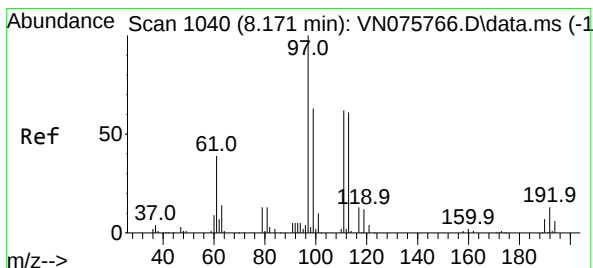
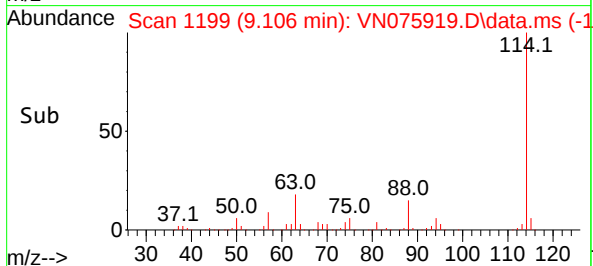
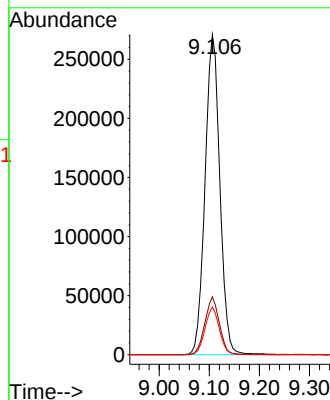
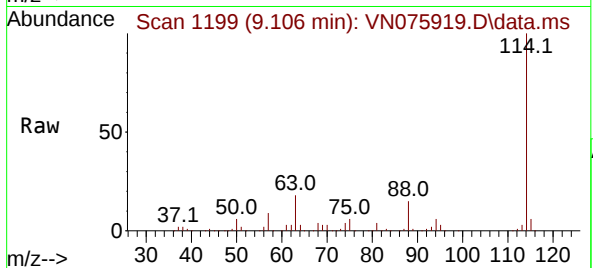
Tgt Ion:114 Resp: 555755

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.902 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075919.D

Acq: 21 Dec 2022 15:05

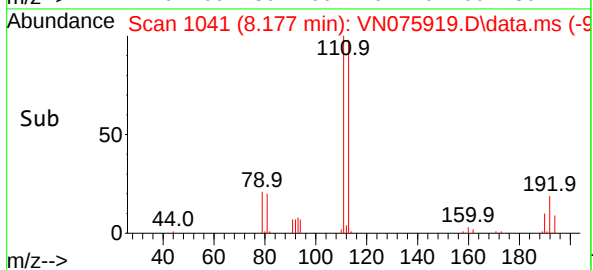
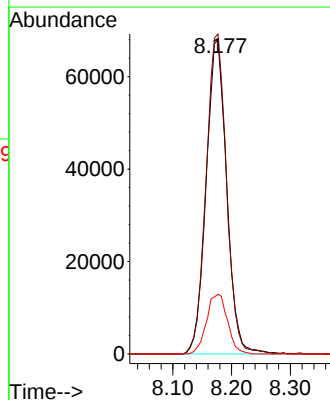
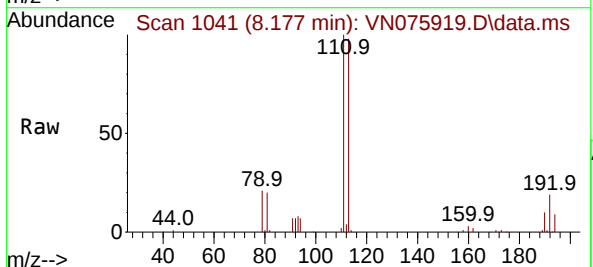
Tgt Ion:113 Resp: 164865

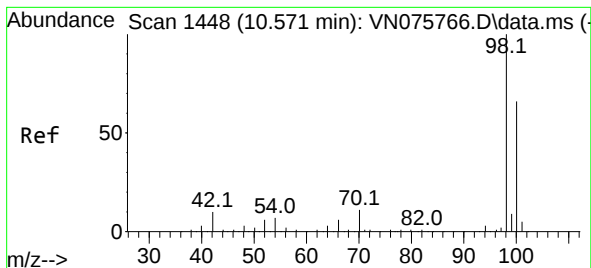
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 19.4 16.1 24.1





#50

Toluene-d8

Concen: 49.402 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075919.D

Acq: 21 Dec 2022 15:05

Instrument :

MSVOA_N

ClientSampleId :

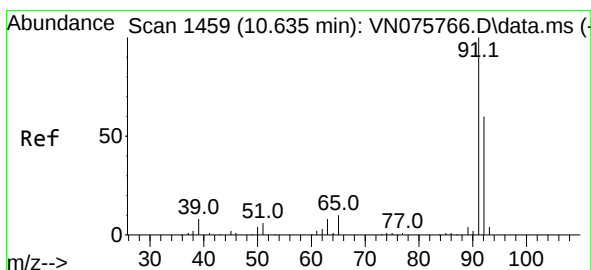
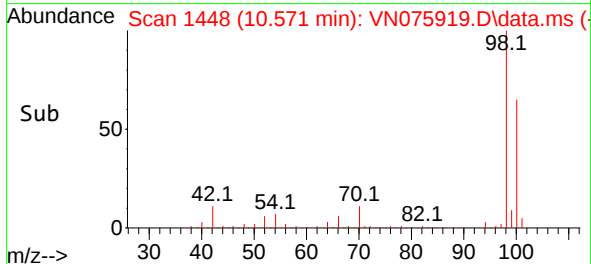
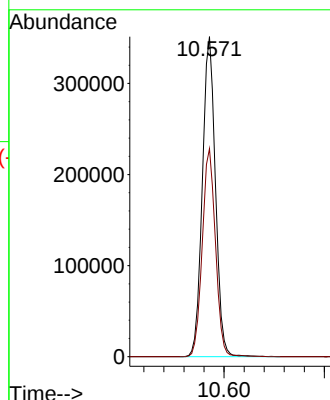
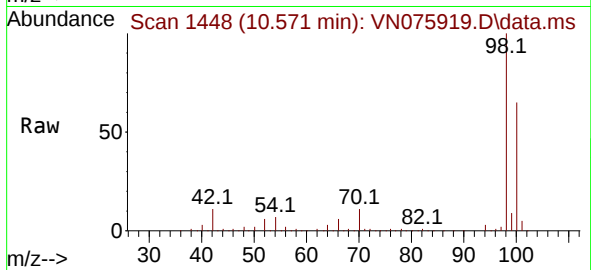
GWOW-BR-04-147-166-122022

Tgt Ion: 98 Resp: 635719

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1



#52

Toluene

Concen: 125.437 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN075919.D

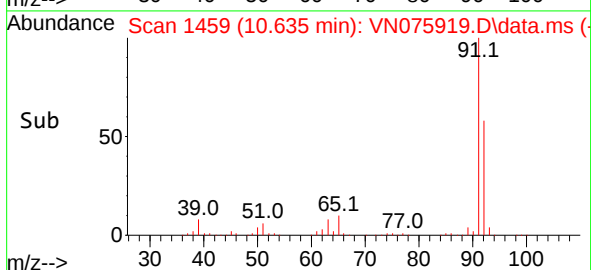
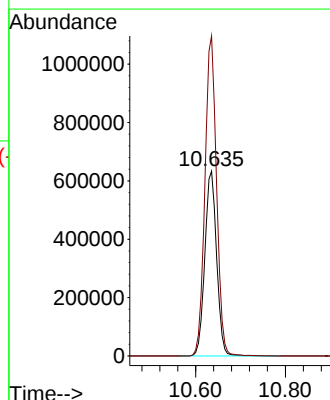
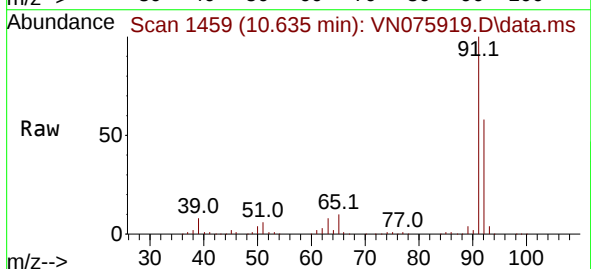
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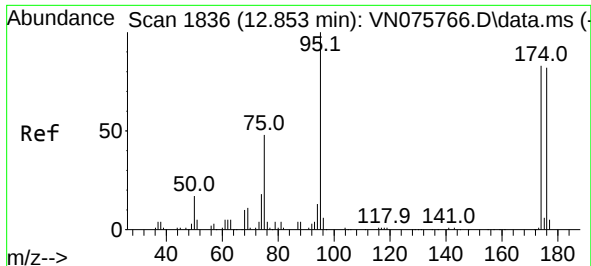
Tgt Ion: 92 Resp: 1152388

Ion Ratio Lower Upper

92 100

91 170.9 137.3 205.9

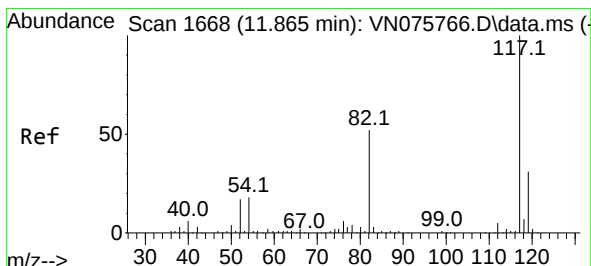
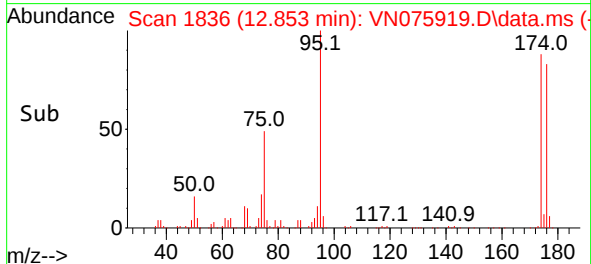
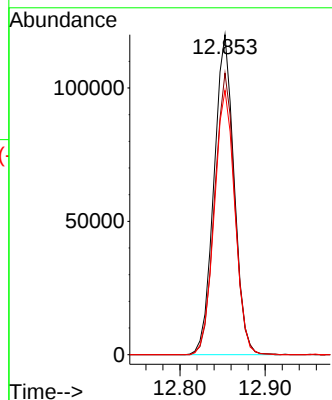
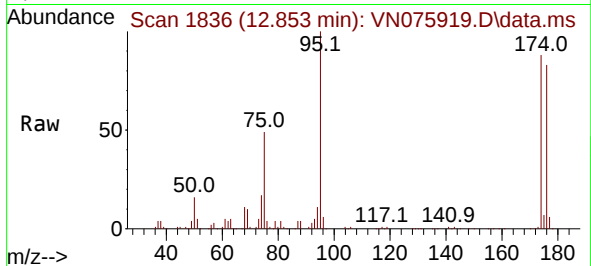




#62
4-Bromofluorobenzene
Concen: 46.149 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075919.D
Acq: 21 Dec 2022 15:05

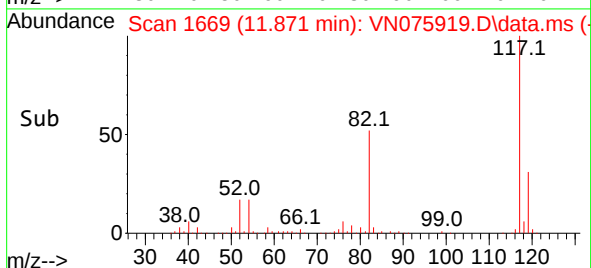
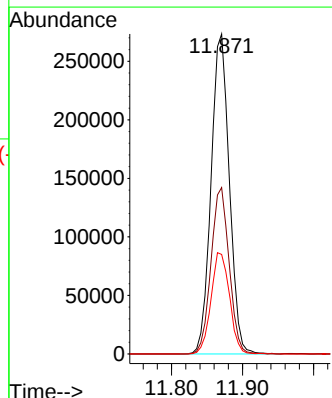
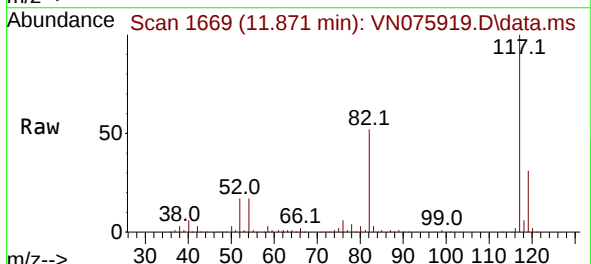
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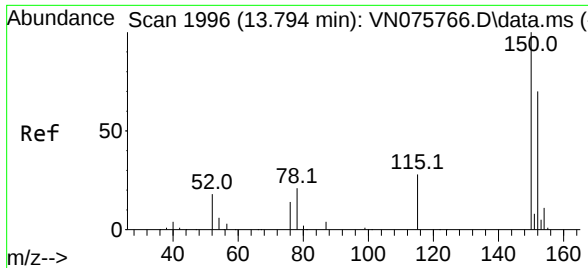
Tgt Ion: 95 Resp: 196692
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 84.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075919.D
Acq: 21 Dec 2022 15:05

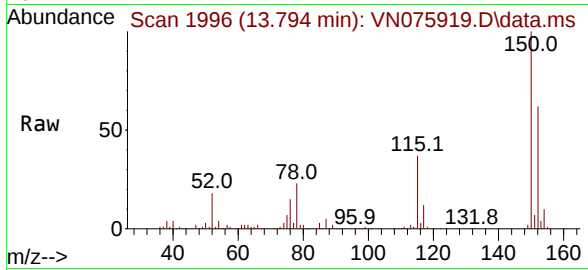
Tgt Ion: 117 Resp: 487064
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 31.1 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075919.D
 Acq: 21 Dec 2022 15:05

Instrument :
 MSVOA_N
 ClientSampleId :
 GWOW-BR-04-147-166-122022



Tgt Ion:152 Resp: 196994

Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.1	87.4
150	158.8	0.0	347.0

