

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075724.D
 Acq On : 12 Dec 2022 19:41
 Operator : JC\MD
 Sample : N5978-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-08

Quant Time: Dec 13 01:35:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

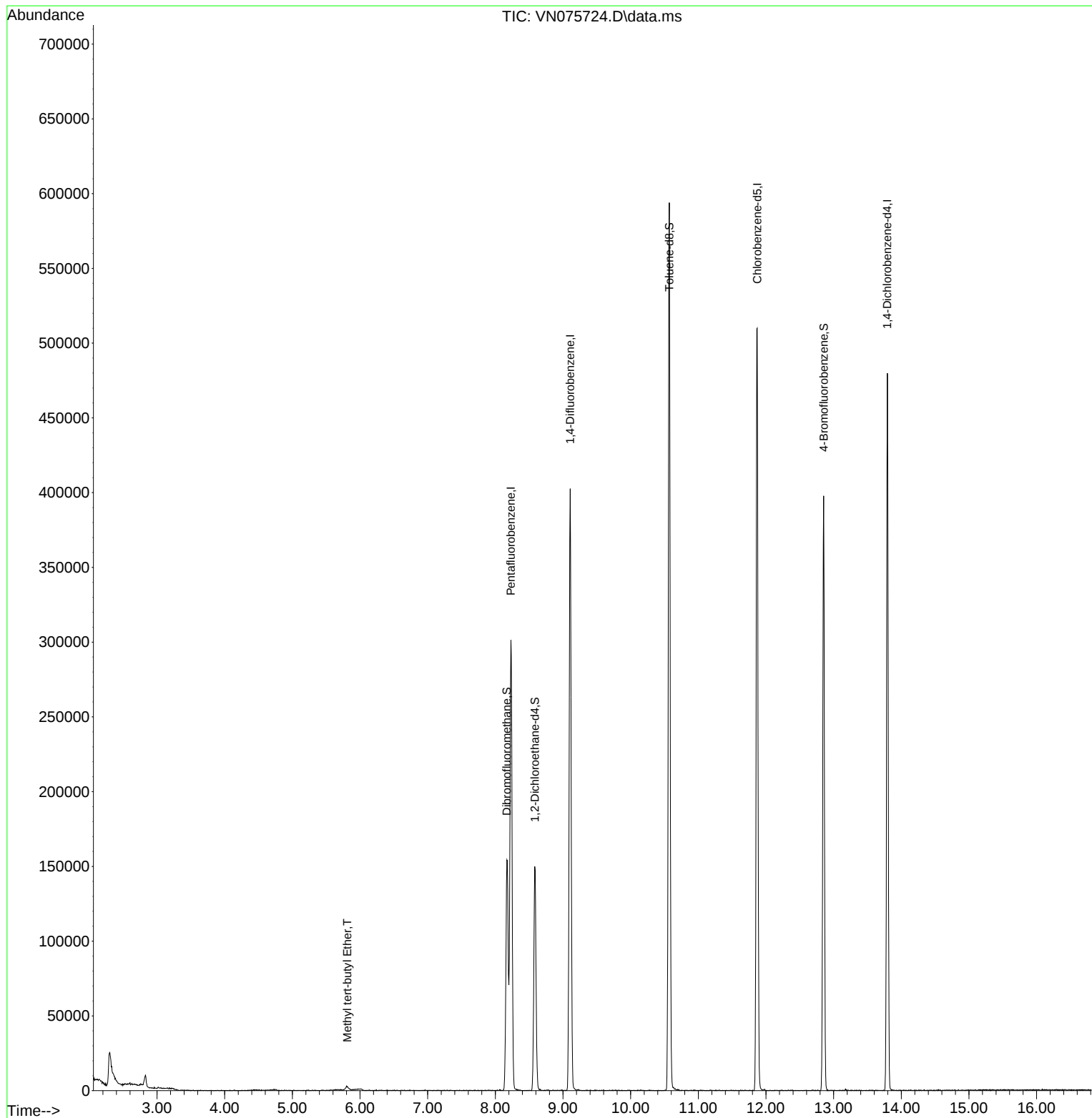
Internal Standards						
1) Pentafluorobenzene	8.230	168	235220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	370823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	323740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123165	49.350	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.700%
35) Dibromofluoromethane	8.171	113	111204	49.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.571	98	424860	50.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	131965	45.427	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.860%
Target Compounds						
19) Methyl tert-butyl Ether	5.812	73	4237	0.625	ug/l	Qvalue # 81

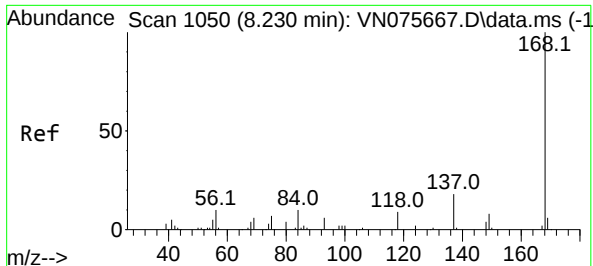
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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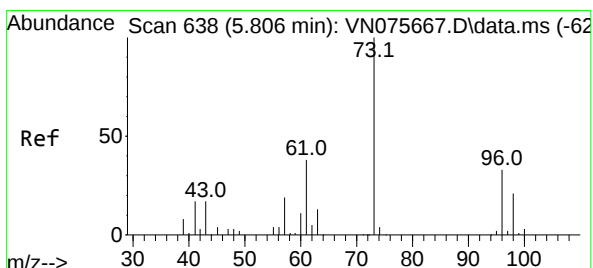
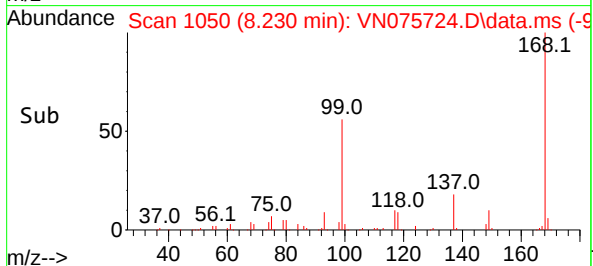
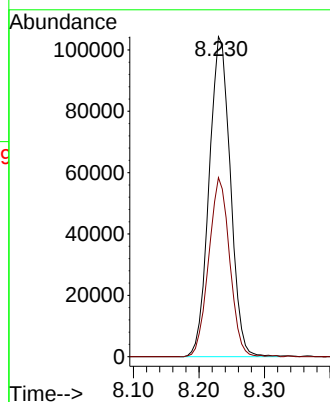
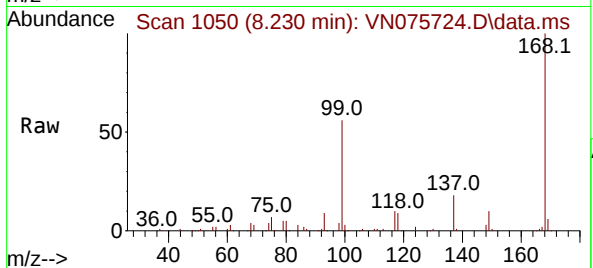




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075724.D
Acq: 12 Dec 2022 19:41

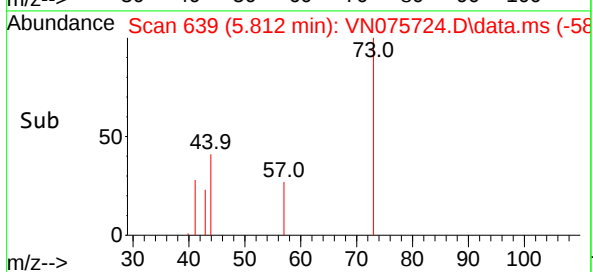
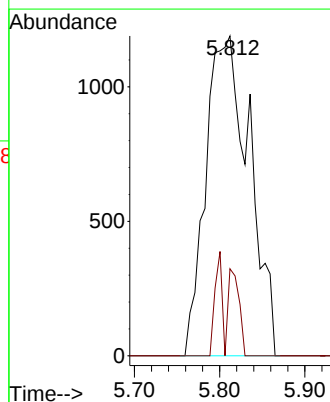
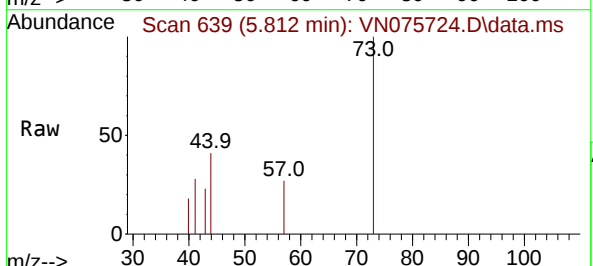
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

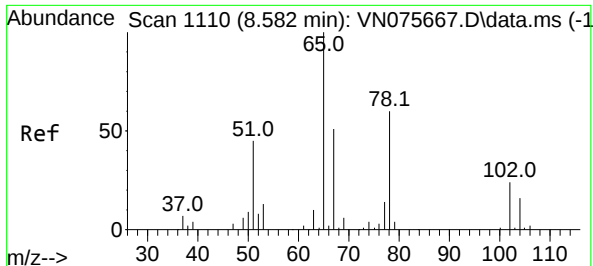
Tgt Ion:168 Resp: 235220
Ion Ratio Lower Upper
168 100
99 55.9 41.2 61.8



#19
Methyl tert-butyl Ether
Concen: 0.625 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075724.D
Acq: 12 Dec 2022 19:41

Tgt Ion: 73 Resp: 4237
Ion Ratio Lower Upper
73 100
57 27.2 15.1 22.7#





#33

1,2-Dichloroethane-d4

Concen: 49.350 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075724.D

Acq: 12 Dec 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

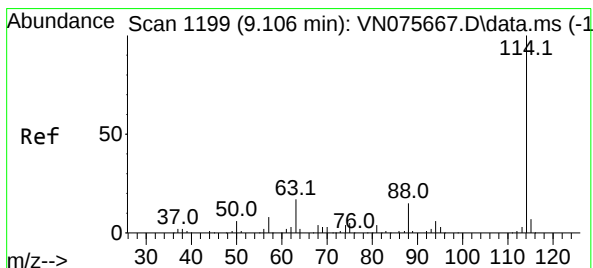
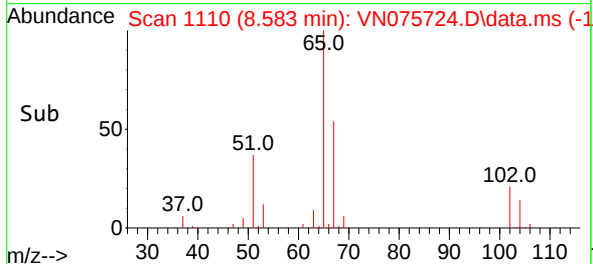
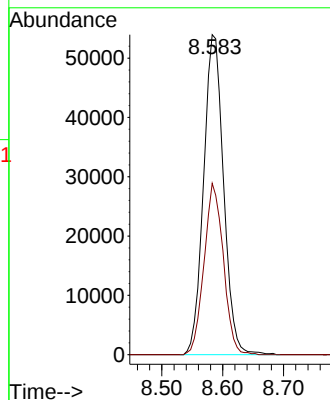
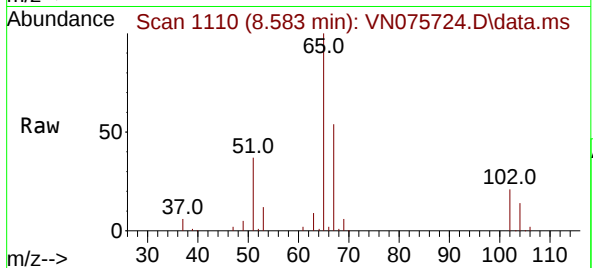
TOLL-MW-08

Tgt Ion: 65 Resp: 123165

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075724.D

Acq: 12 Dec 2022 19:41

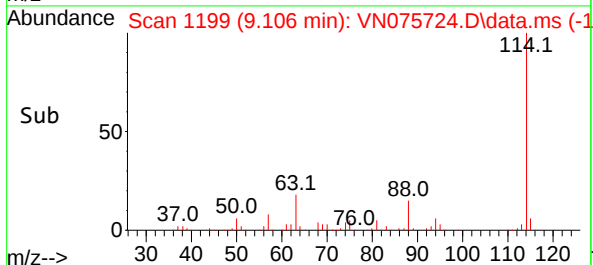
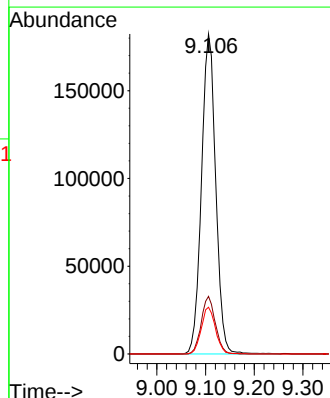
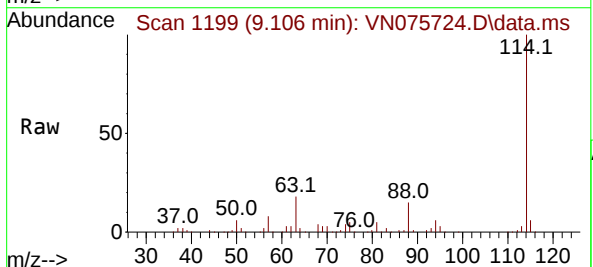
Tgt Ion: 114 Resp: 370823

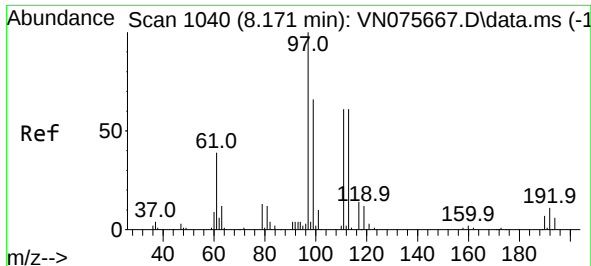
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.152 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075724.D

Acq: 12 Dec 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-08

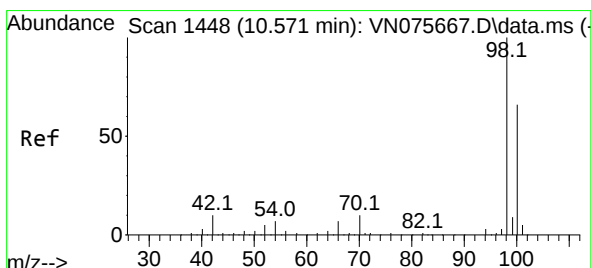
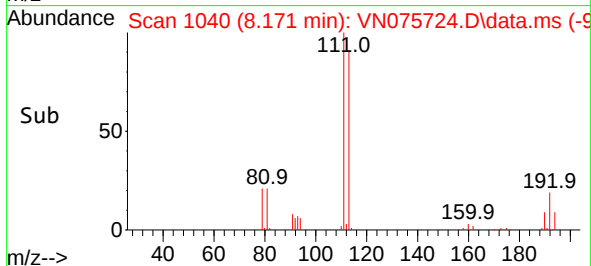
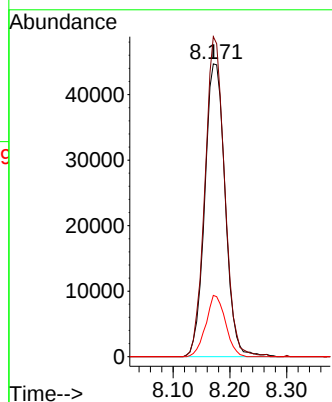
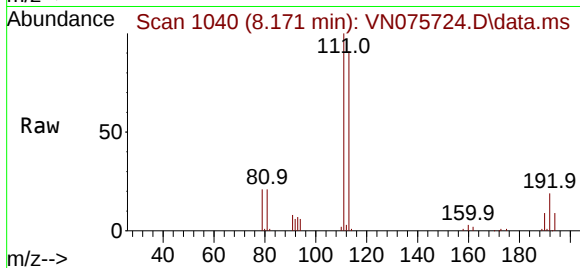
Tgt Ion:113 Resp: 111204

Ion Ratio Lower Upper

113 100

111 105.2 81.0 121.6

192 20.2 16.2 24.2



#50

Toluene-d8

Concen: 50.004 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075724.D

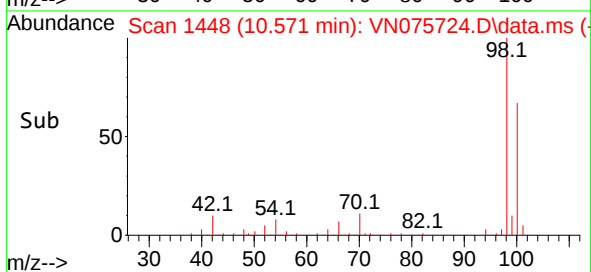
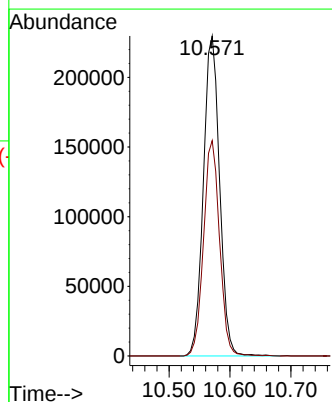
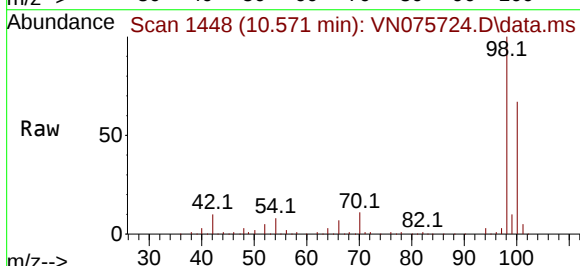
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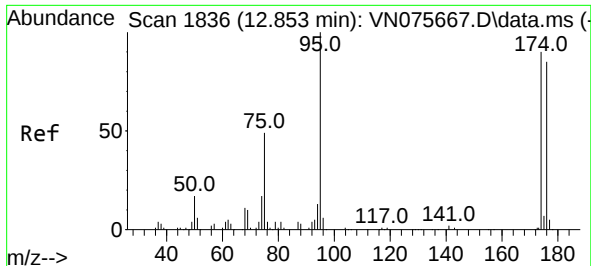
Tgt Ion: 98 Resp: 424860

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8

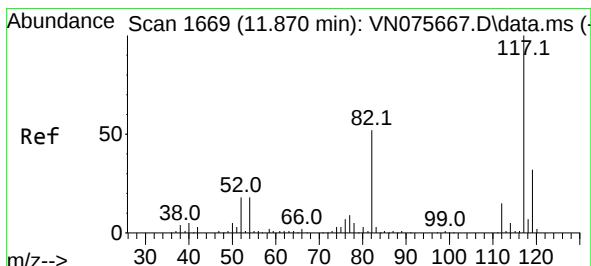
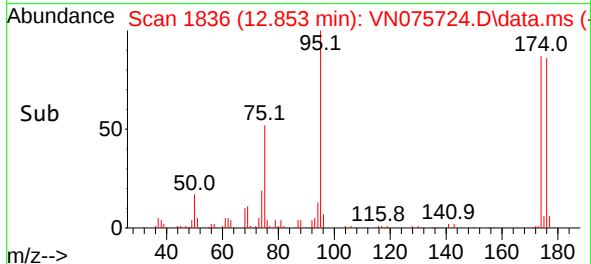
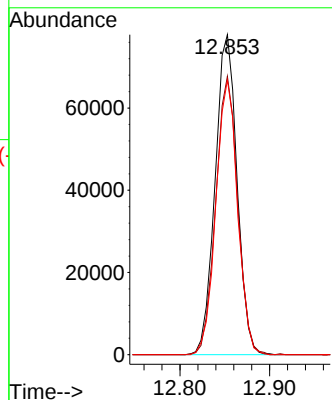
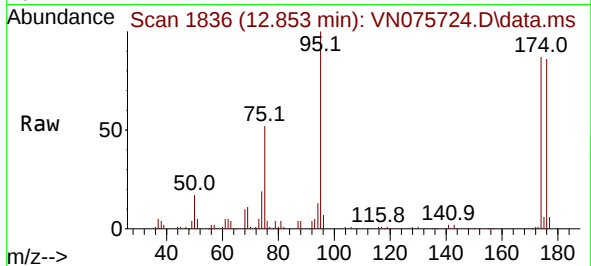




#62
4-Bromofluorobenzene
Concen: 45.427 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075724.D
Acq: 12 Dec 2022 19:41

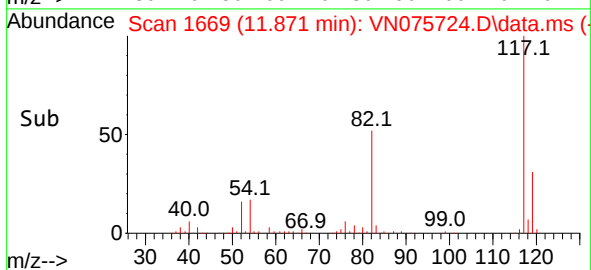
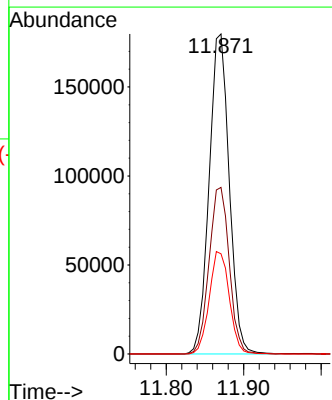
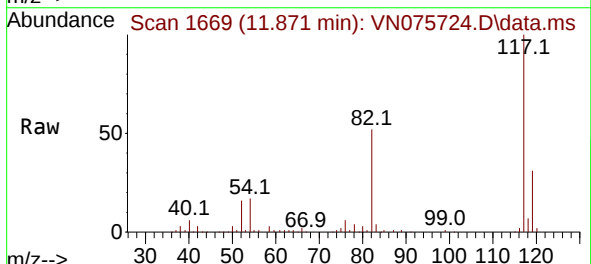
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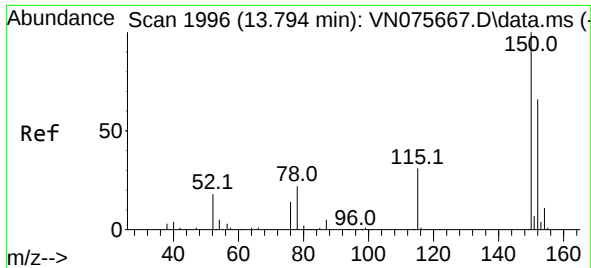
Tgt Ion: 95 Resp: 131965
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.6
176 84.8 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075724.D
Acq: 12 Dec 2022 19:41

Tgt Ion: 117 Resp: 323740
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 31.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075724.D
 Acq: 12 Dec 2022 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-08

Tgt Ion:152 Resp: 133812
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.4 85.2
 150 159.1 0.0 347.6

