

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010623\
 Data File : VN076139.D
 Acq On : 06 Jan 2023 17:24
 Operator : JC\MD
 Sample : 01055-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-G

Quant Time: Jan 06 22:57:17 2023
 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)

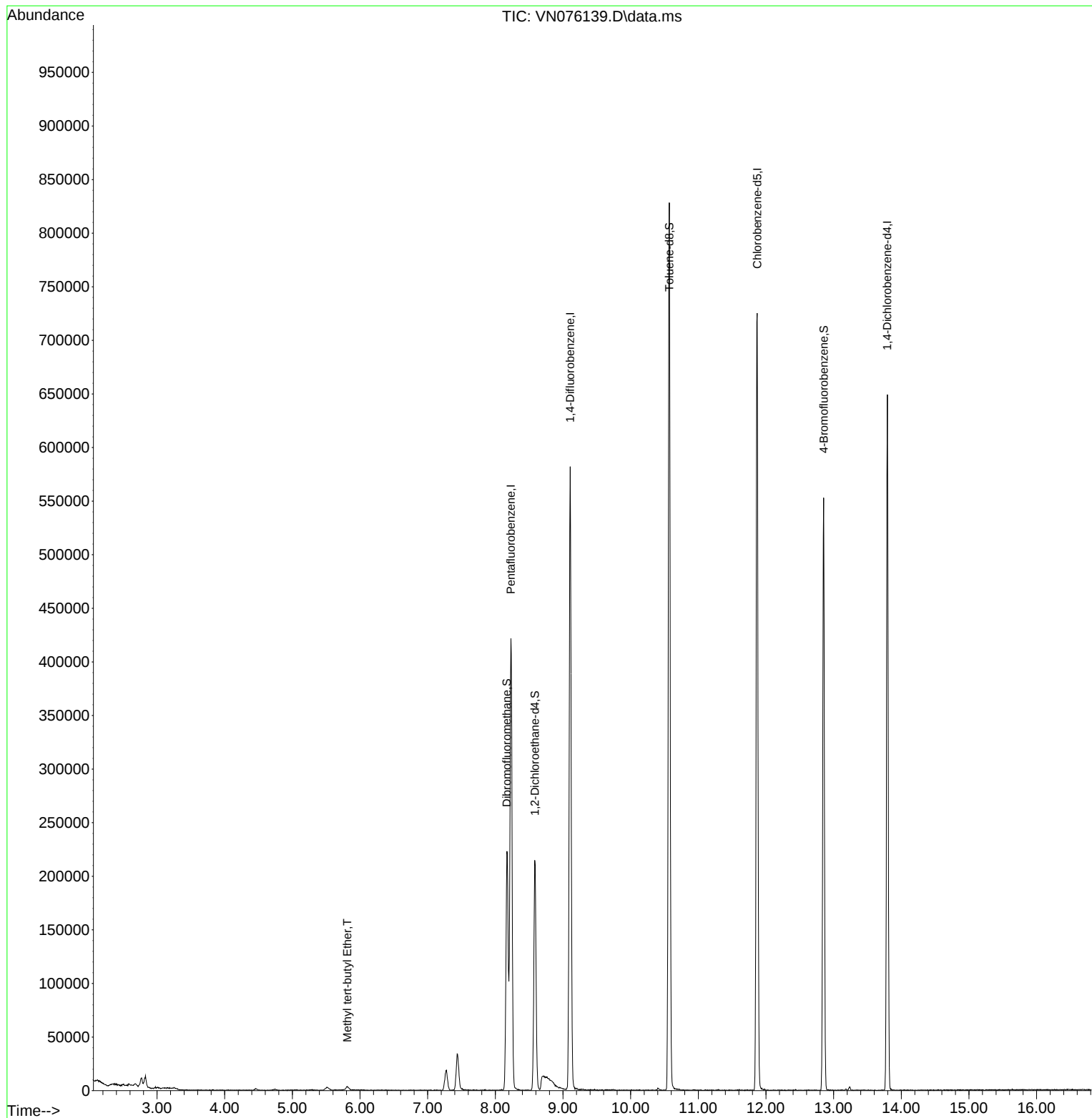
Internal Standards						
1) Pentafluorobenzene	8.230	168	327021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	450378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172198	48.402	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	8.171	113	158599	48.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.080%
50) Toluene-d8	10.571	98	599528	49.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.853	95	182539	45.109	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.220%
Target Compounds						
19) Methyl tert-butyl Ether	5.812	73	5492	0.575	ug/l	Qvalue # 88

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

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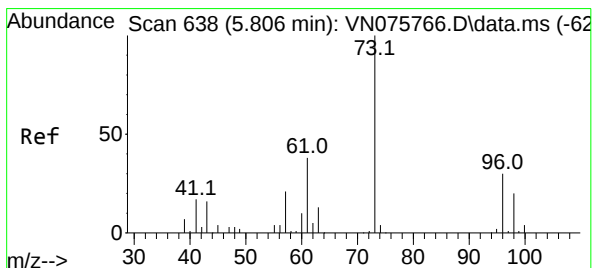
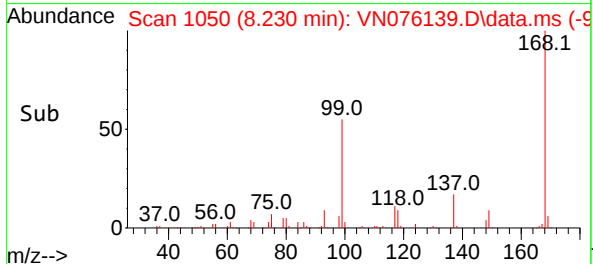
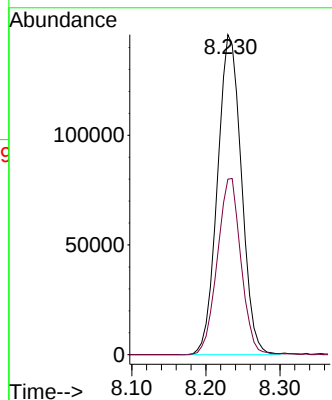
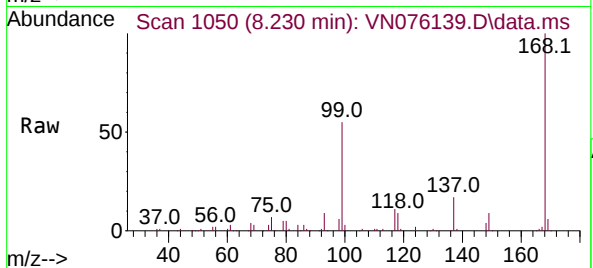




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

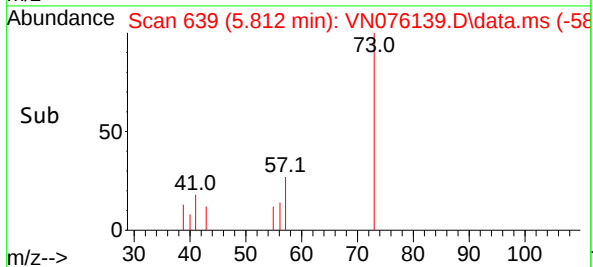
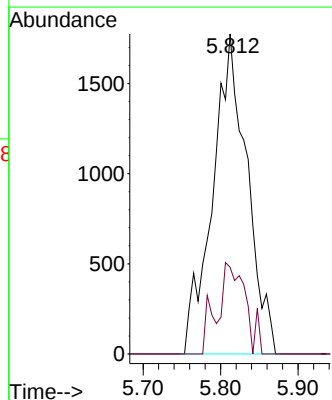
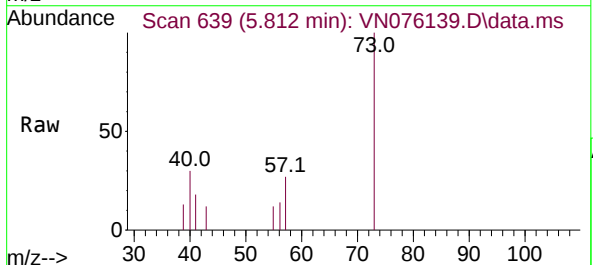
Instrument :
MSVOA_N
ClientSampleId :
MH-G

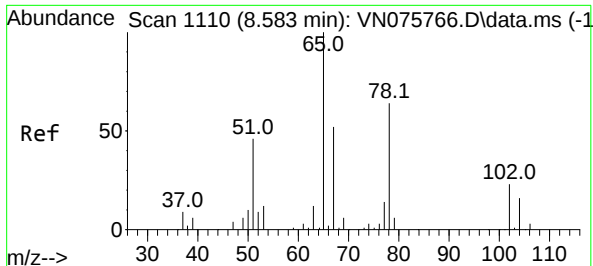
Tgt Ion:168 Resp: 327021
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#19
Methyl tert-butyl Ether
Concen: 0.575 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 73 Resp: 5492
Ion Ratio Lower Upper
73 100
57 27.0 17.1 25.7#

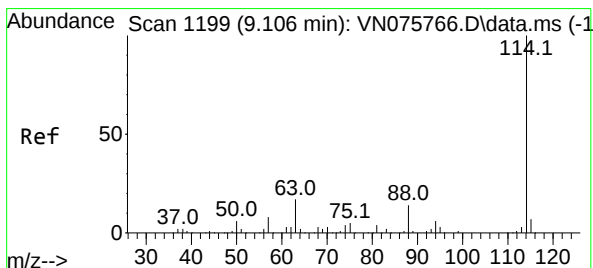
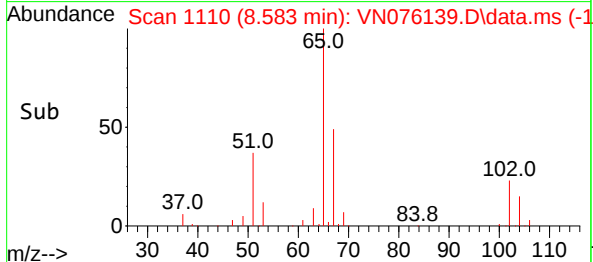
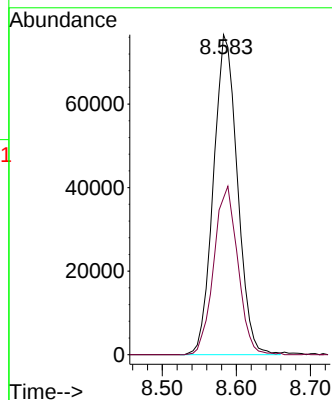
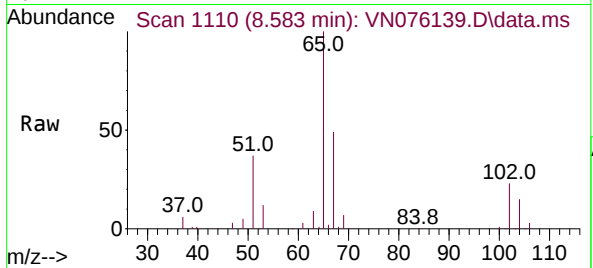




#33
 1,2-Dichloroethane-d4
 Concen: 48.402 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076139.D
 Acq: 06 Jan 2023 17:24

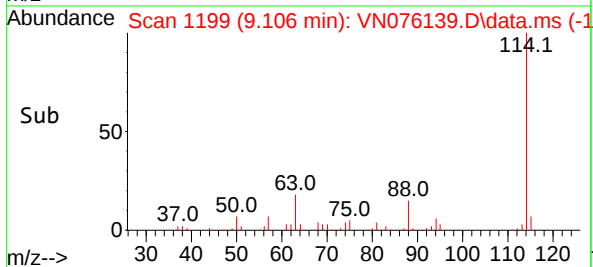
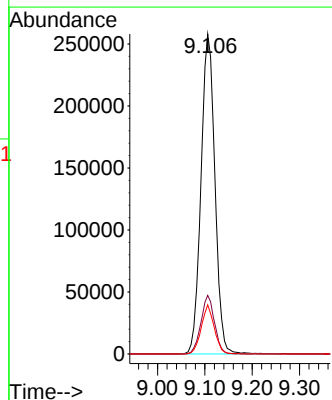
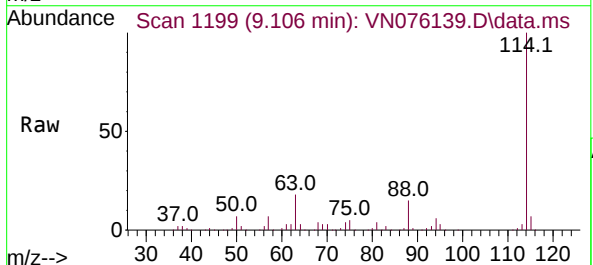
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-G

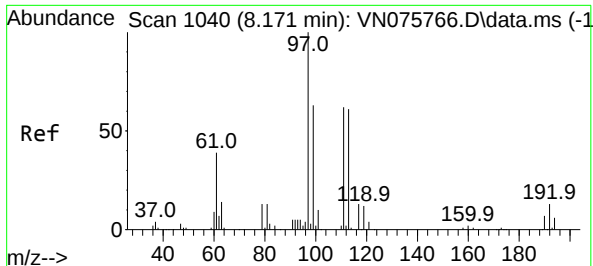
Tgt Ion: 65 Resp: 172198
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076139.D
 Acq: 06 Jan 2023 17:24

Tgt Ion: 114 Resp: 527655
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.4
 88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.535 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076139.D

Acq: 06 Jan 2023 17:24

Instrument :

MSVOA_N

ClientSampleId :

MH-G

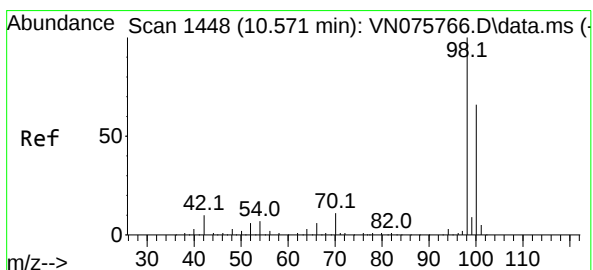
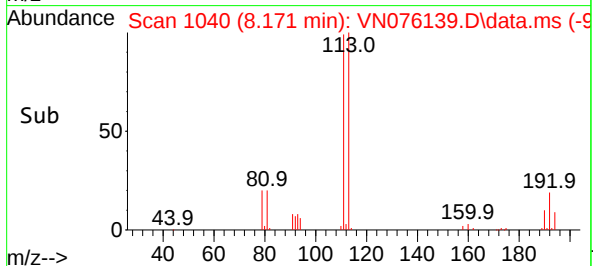
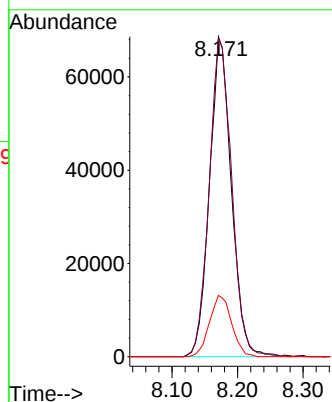
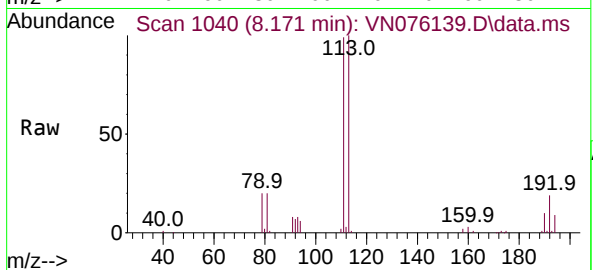
Tgt Ion:113 Resp: 158599

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 19.4 16.1 24.1



#50

Toluene-d8

Concen: 49.071 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076139.D

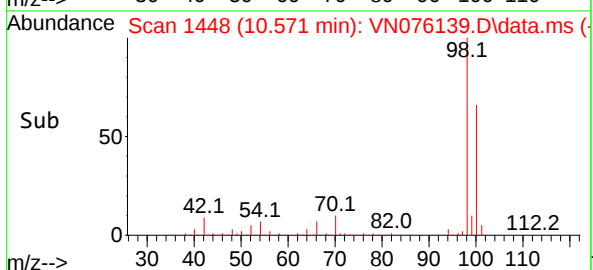
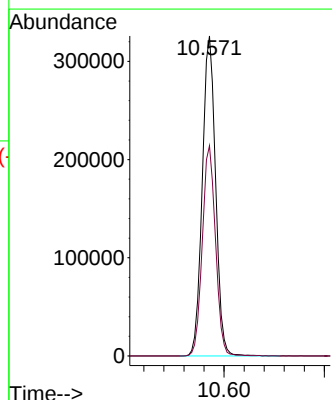
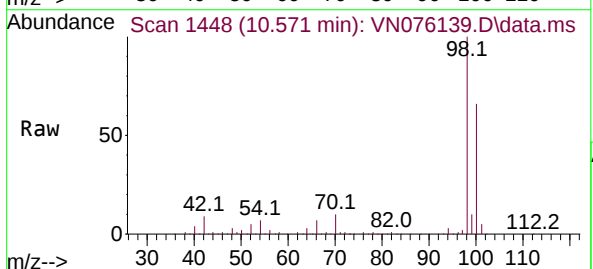
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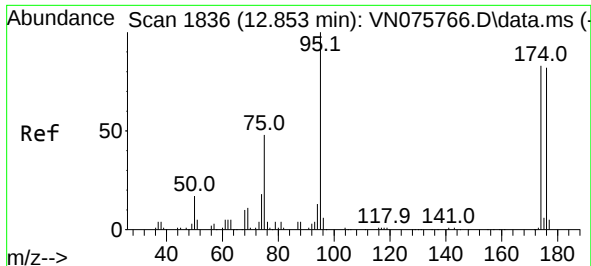
Tgt Ion: 98 Resp: 599528

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

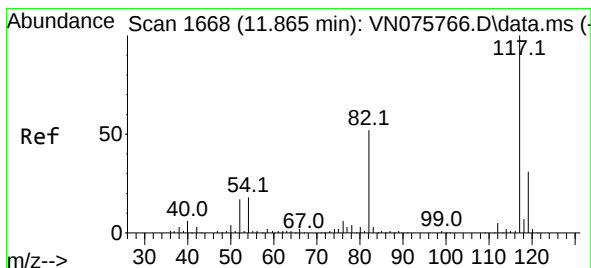
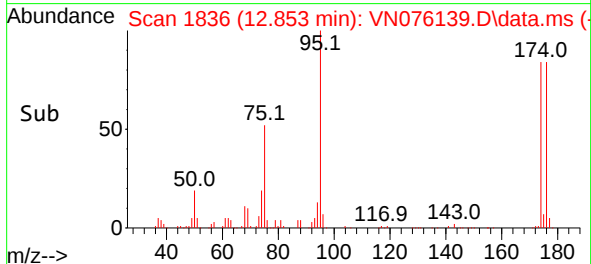
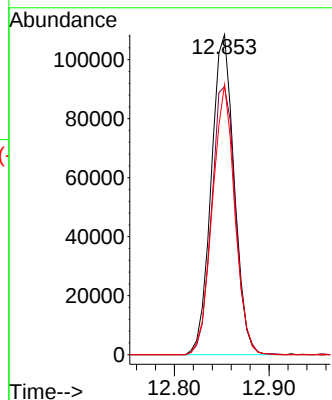
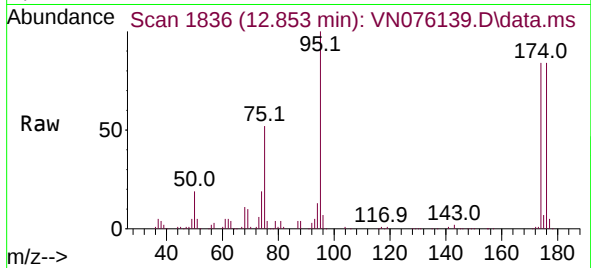




#62
4-Bromofluorobenzene
Concen: 45.109 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

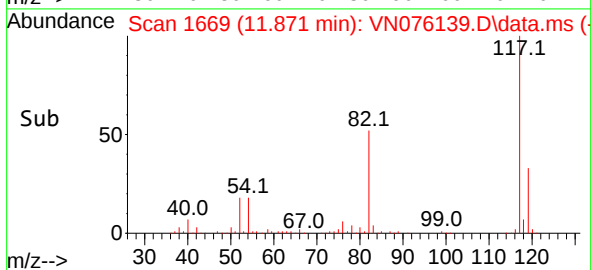
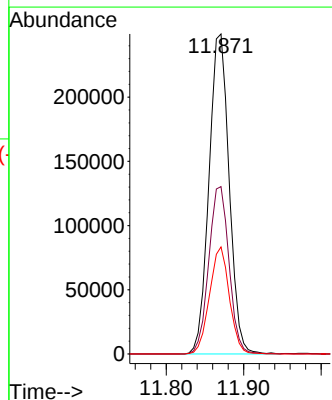
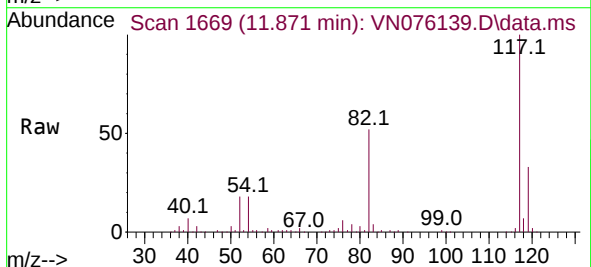
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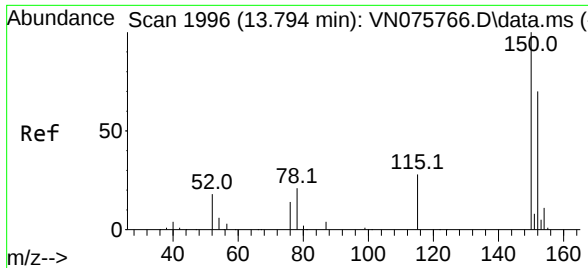
Tgt Ion: 95 Resp: 182539
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 82.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076139.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 117 Resp: 450378
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 33.5 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: VN076139.D
 Acq: 06 Jan 2023 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-G

Tgt Ion:	152	Resp:	181850
Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.1	87.4
150	157.7	0.0	347.0

