

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076066.D
 Acq On : 03 Jan 2023 16:15
 Operator : JC\MD
 Sample : N6232-04DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13DL

Quant Time: Jan 04 04:19:25 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)

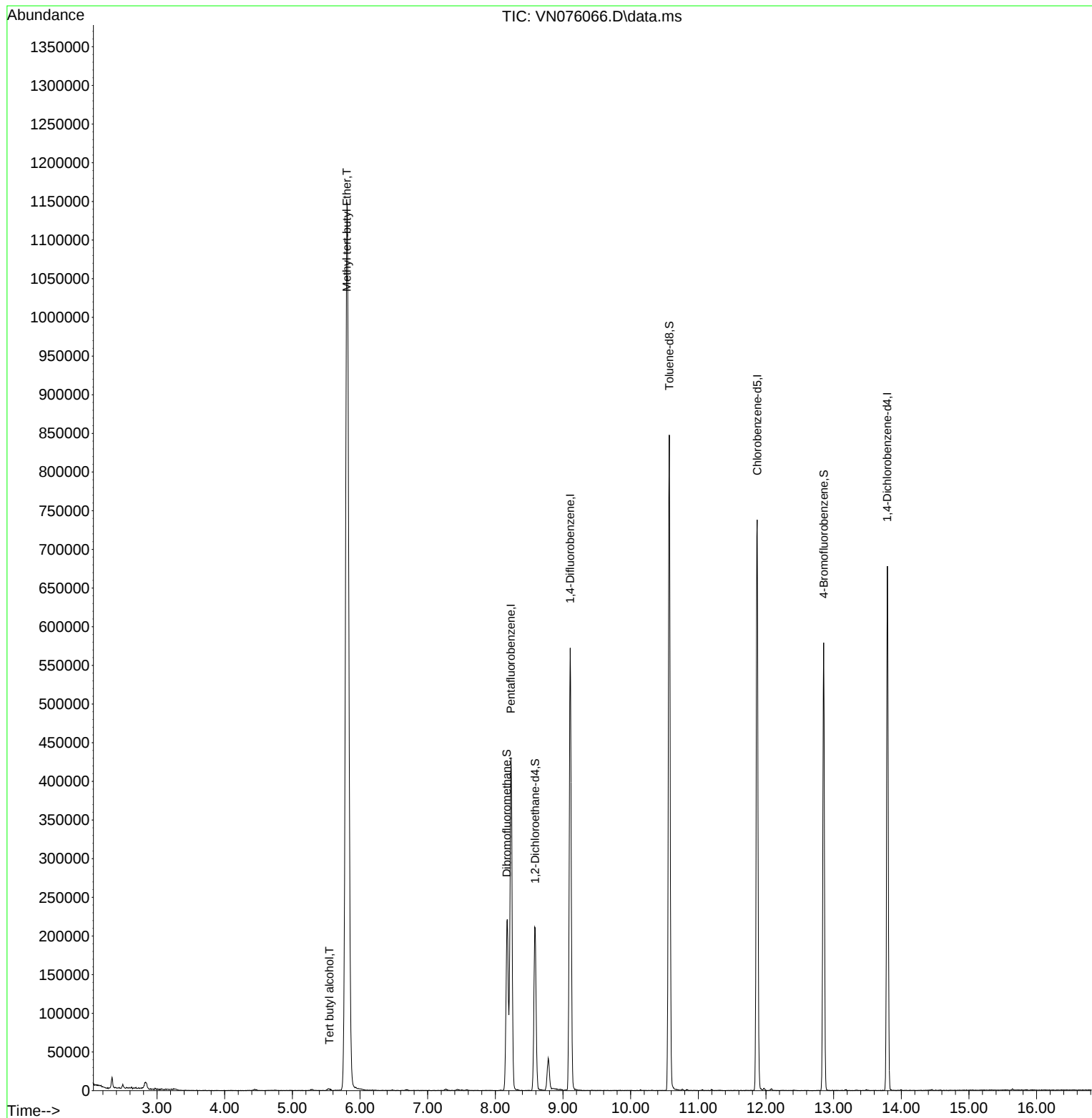
Internal Standards						
1) Pentafluorobenzene	8.230	168	332402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	528836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	459165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	171582	47.448	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.900%
35) Dibromofluoromethane	8.171	113	158830	48.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	10.571	98	601777	49.145	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.853	95	191390	47.191	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.547	59	4218	8.243	ug/l #	72
19) Methyl tert-butyl Ether	5.806	73	2069631	213.330	ug/l	97

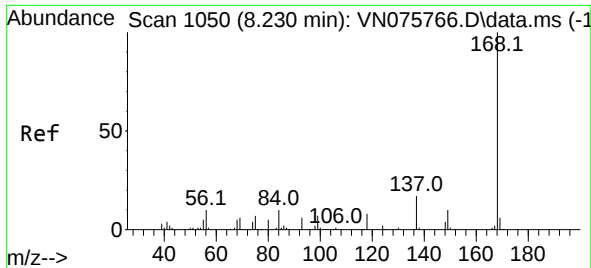
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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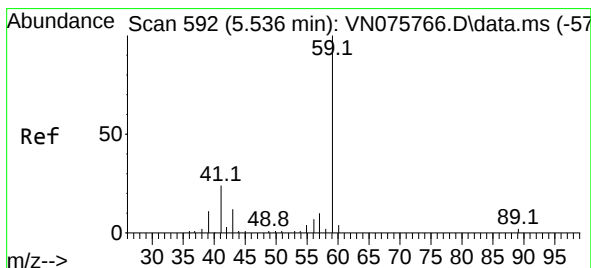
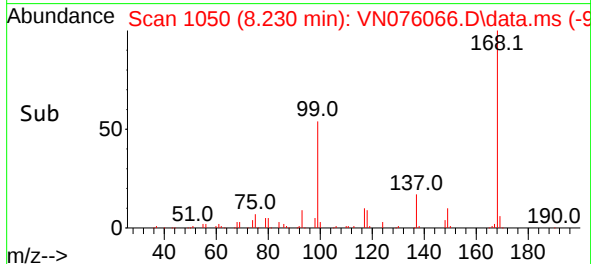
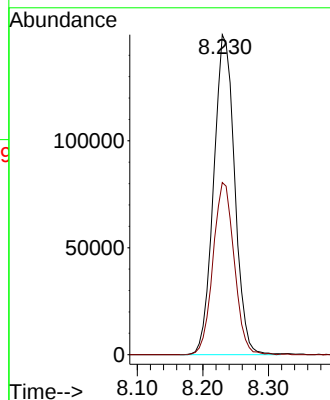
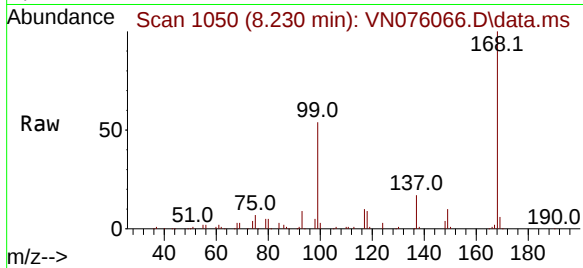




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076066.D
Acq: 03 Jan 2023 16:15

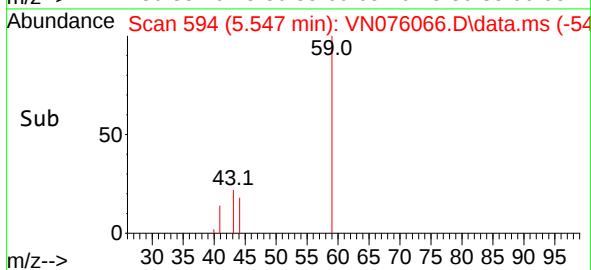
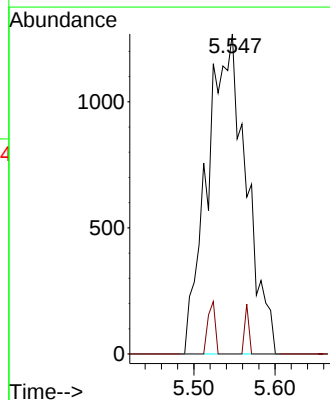
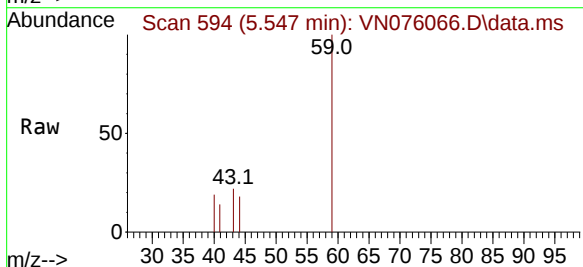
Instrument :
MSVOA_N
ClientSampleId :
MW-13DL

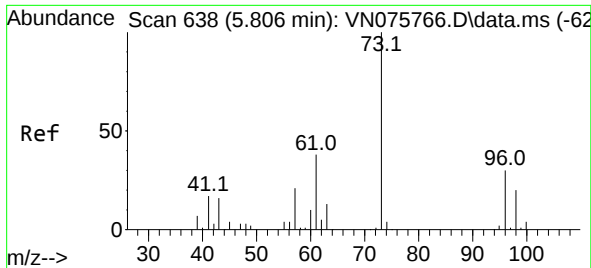
Tgt Ion:168 Resp: 332402
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#11
Tert butyl alcohol
Concen: 8.243 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.012 min
Lab File: VN076066.D
Acq: 03 Jan 2023 16:15

Tgt Ion: 59 Resp: 4218
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

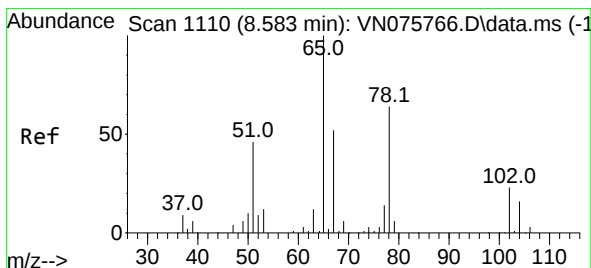
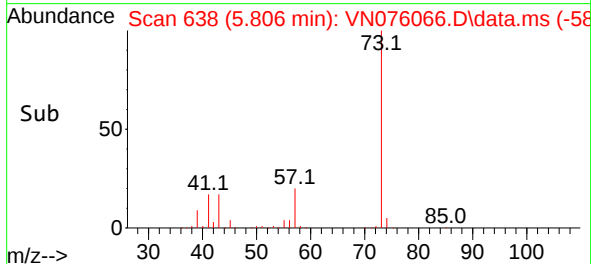
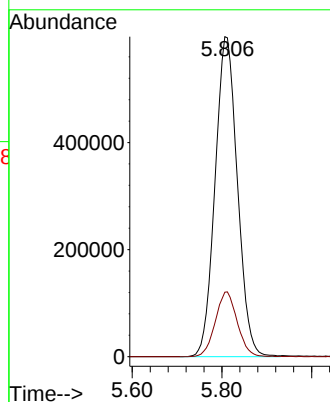
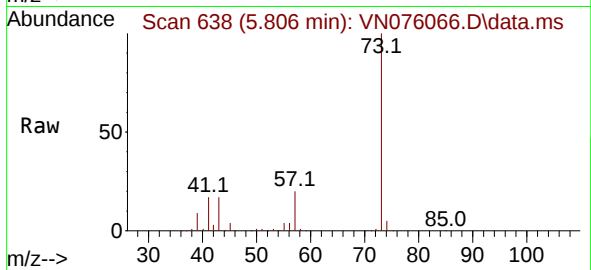




#19
Methyl tert-butyl Ether
Concen: 213.330 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076066.D
Acq: 03 Jan 2023 16:15

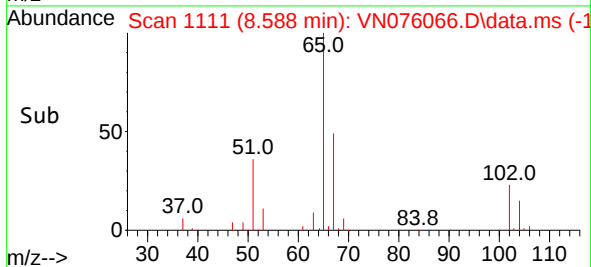
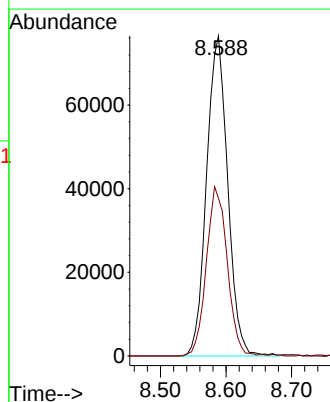
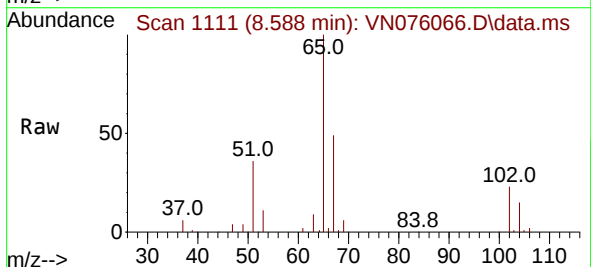
Instrument :
MSVOA_N
ClientSampleId :
MW-13DL

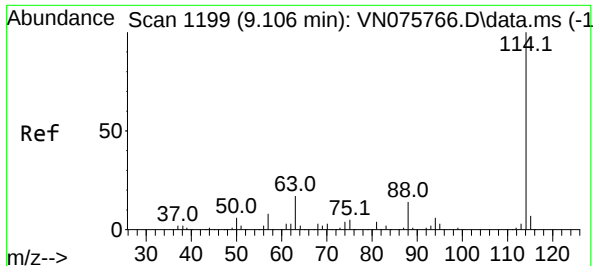
Tgt Ion: 73 Resp: 2069631
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7



#33
1,2-Dichloroethane-d4
Concen: 47.448 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076066.D
Acq: 03 Jan 2023 16:15

Tgt Ion: 65 Resp: 171582
Ion Ratio Lower Upper
65 100
67 52.3 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: VN076066.D

Acq: 03 Jan 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

MW-13DL

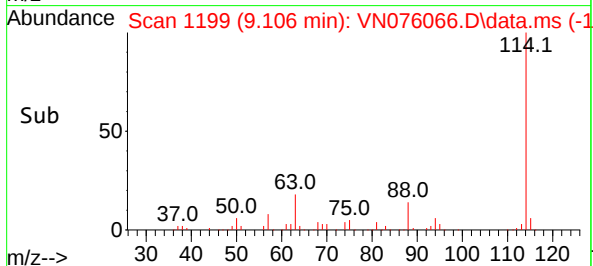
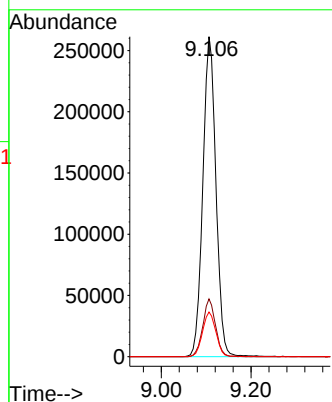
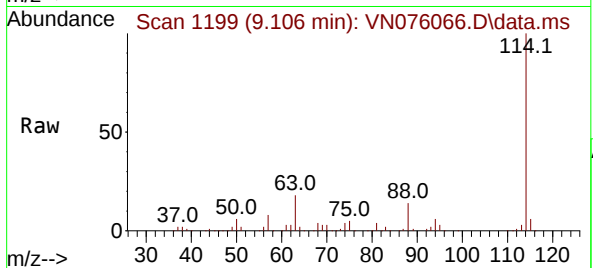
Tgt Ion:114 Resp: 528836

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 13.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.498 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076066.D

Acq: 03 Jan 2023 16:15

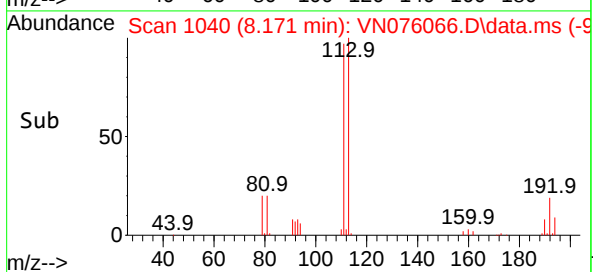
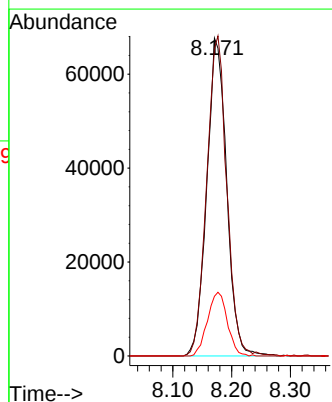
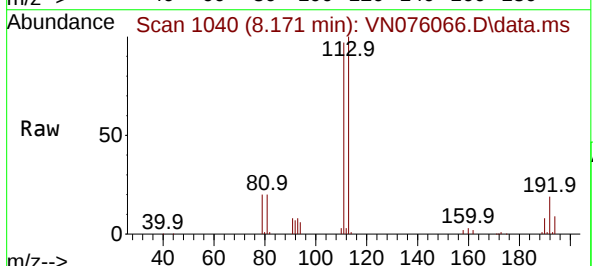
Tgt Ion:113 Resp: 158830

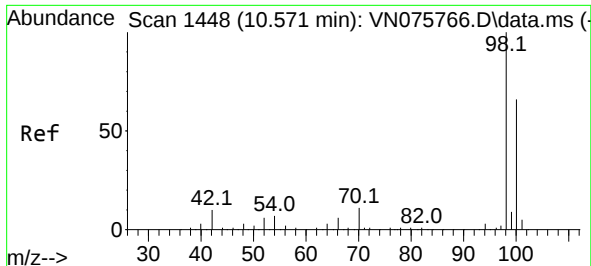
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 20.1 16.1 24.1

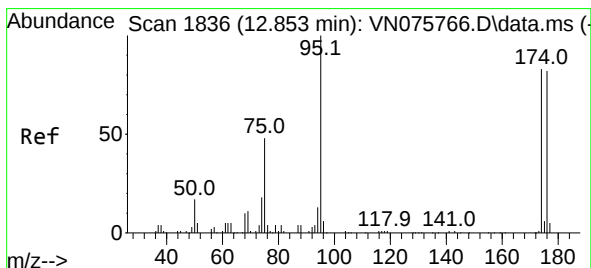
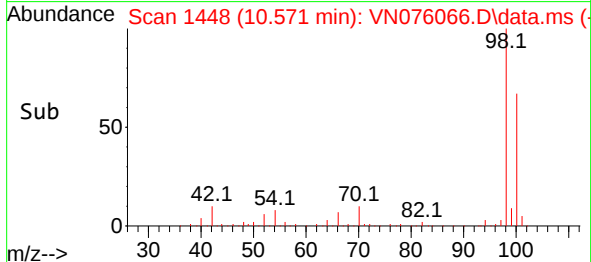
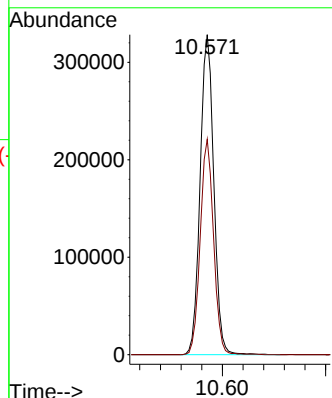
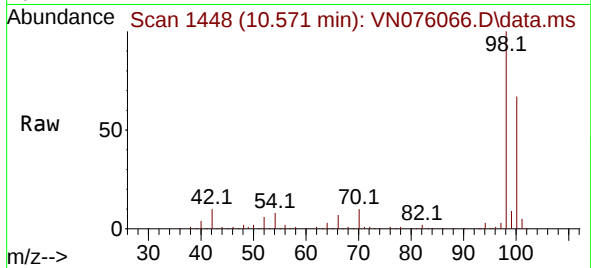




#50
Toluene-d8
Concen: 49.145 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076066.D
Acq: 03 Jan 2023 16:15

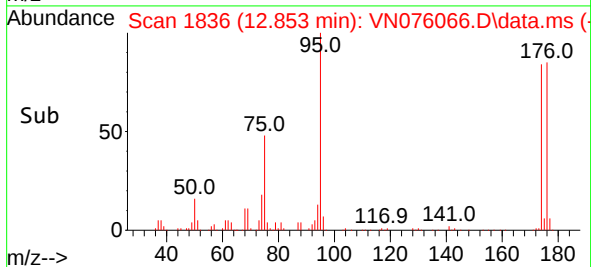
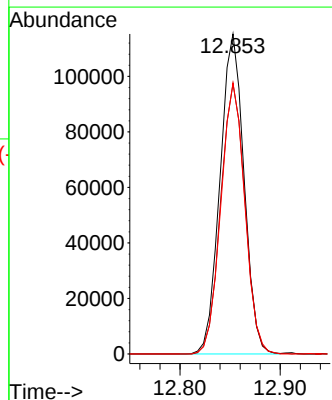
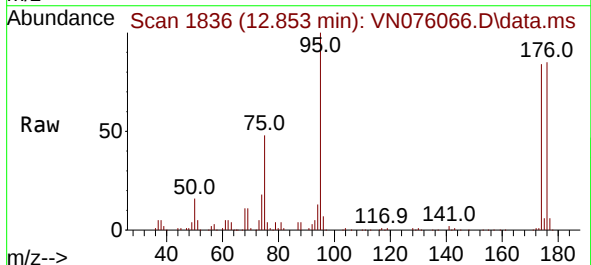
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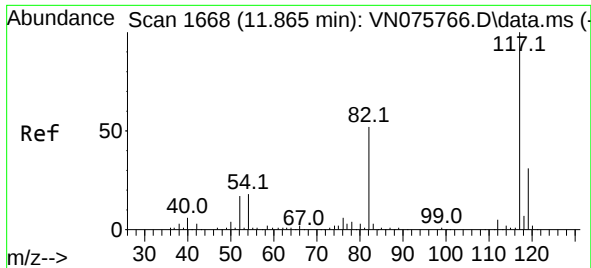
Tgt Ion: 98 Resp: 601777
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.191 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076066.D
Acq: 03 Jan 2023 16:15

Tgt Ion: 95 Resp: 191390
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.6
176 84.4 0.0 169.2

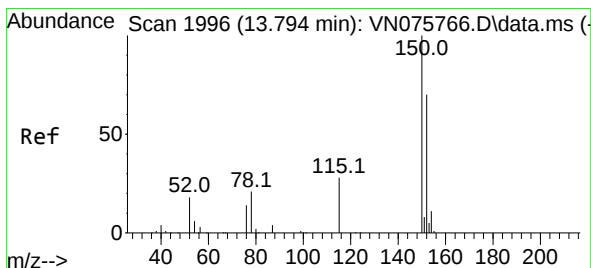
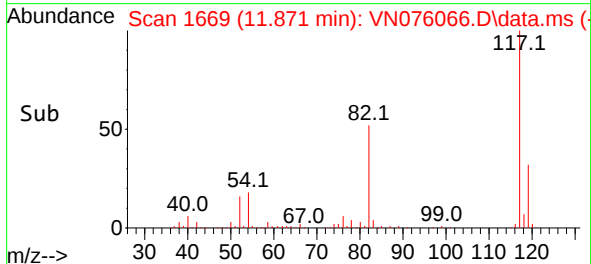
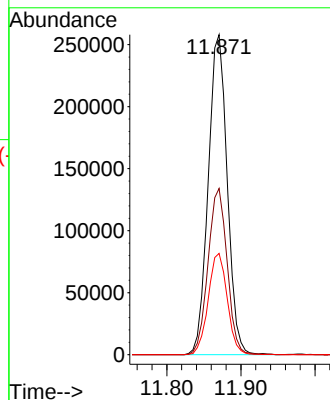
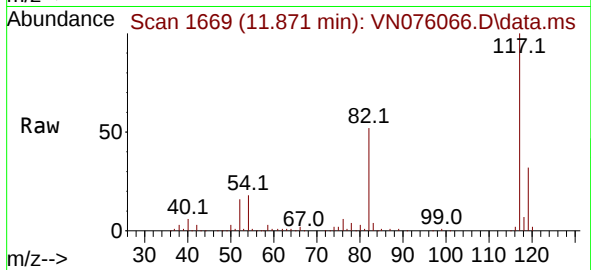




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076066.D
Acq: 03 Jan 2023 16:15

Instrument :
MSVOA_N
ClientSampleId :
MW-13DL

Tgt Ion:117 Resp: 459165
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 31.7 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: VN076066.D
Acq: 03 Jan 2023 16:15

Tgt Ion:152 Resp: 194181
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.4
150 157.0 0.0 347.0

