

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075696.D
 Acq On : 10 Dec 2022 07:33
 Operator : JC\MD
 Sample : N5989-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30D

Quant Time: Dec 12 04:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

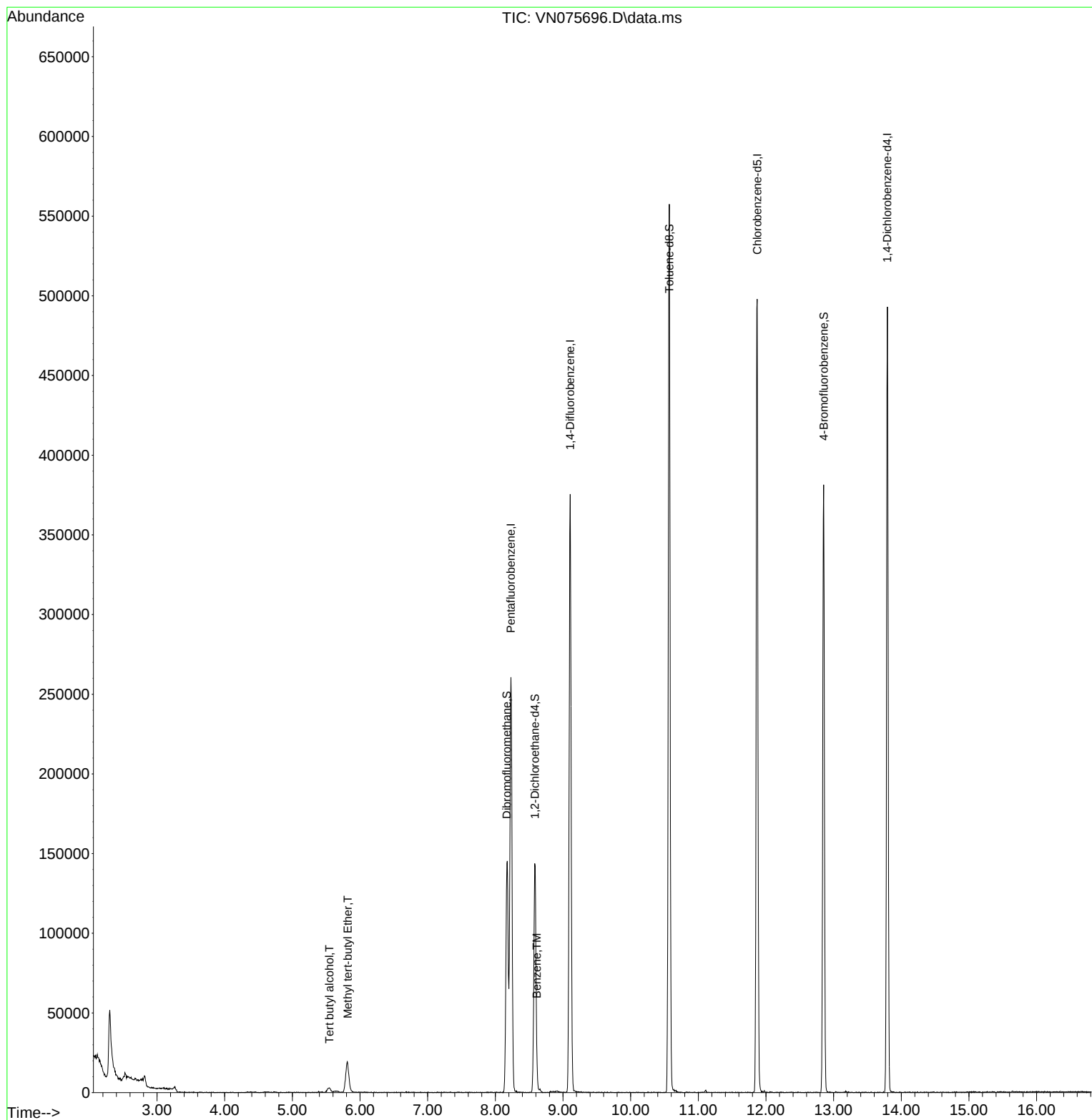
Internal Standards						
1) Pentafluorobenzene	8.230	168	203365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	310976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115786	53.660	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.320%	
35) Dibromofluoromethane	8.171	113	104738	49.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.460%	
50) Toluene-d8	10.571	98	398817	50.424	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.853	95	130244	48.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.547	59	5564	17.430	ug/l #	79
19) Methyl tert-butyl Ether	5.818	73	32613	5.565	ug/l	97
40) Benzene	8.612	78	3980	0.464	ug/l	95

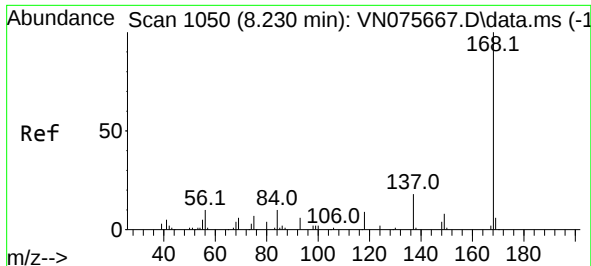
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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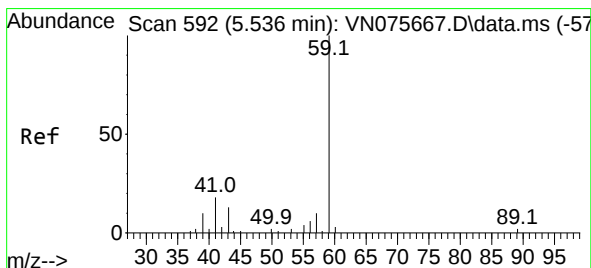
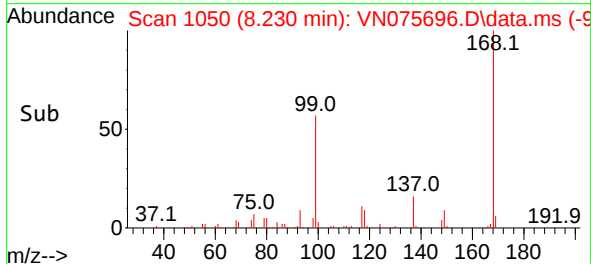
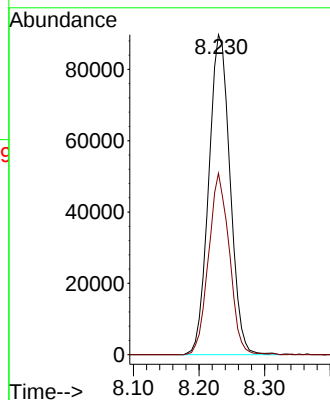
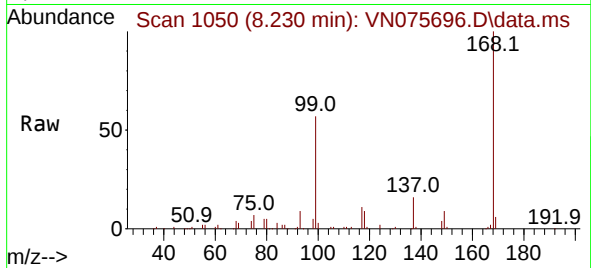




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075696.D
Acq: 10 Dec 2022 07:33

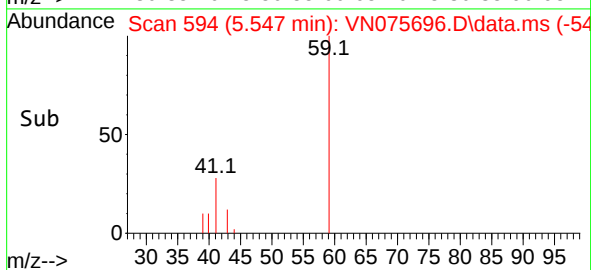
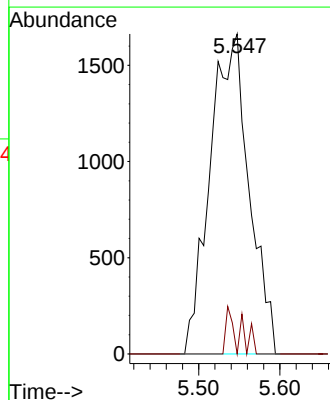
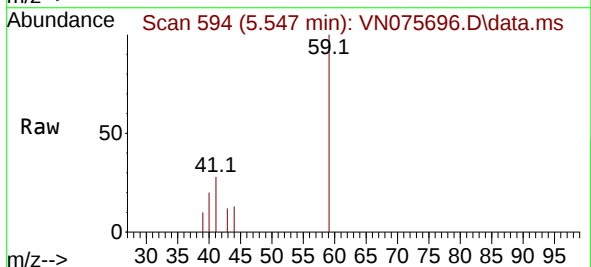
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

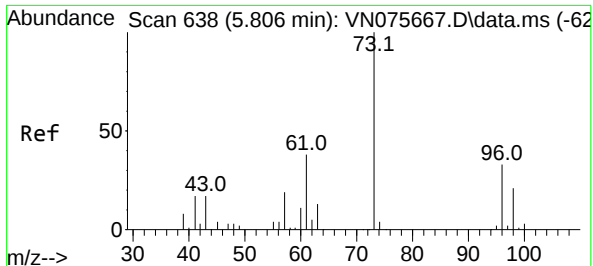
Tgt Ion:168 Resp: 203365
Ion Ratio Lower Upper
168 100
99 56.7 41.2 61.8



#11
Tert butyl alcohol
Concen: 17.430 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.012 min
Lab File: VN075696.D
Acq: 10 Dec 2022 07:33

Tgt Ion: 59 Resp: 5564
Ion Ratio Lower Upper
59 100
57 2.3 8.2 12.4#

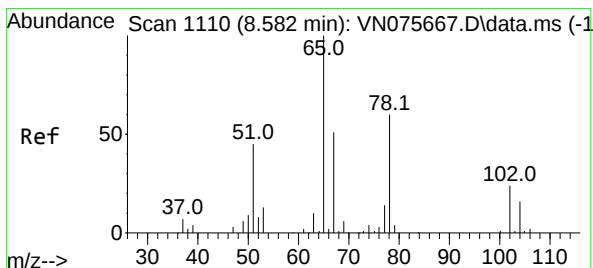
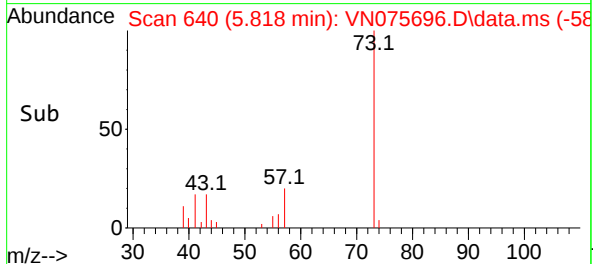
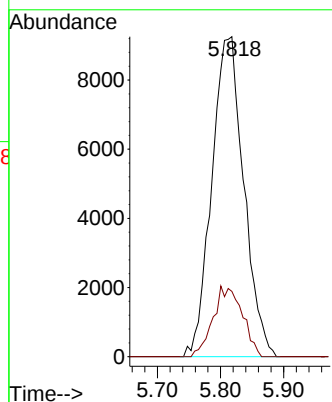
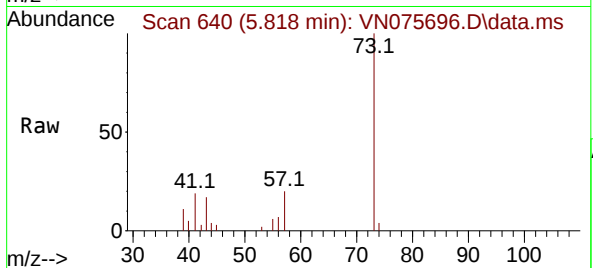




#19
Methyl tert-butyl Ether
Concen: 5.565 ug/l
RT: 5.818 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN075696.D
Acq: 10 Dec 2022 07:33

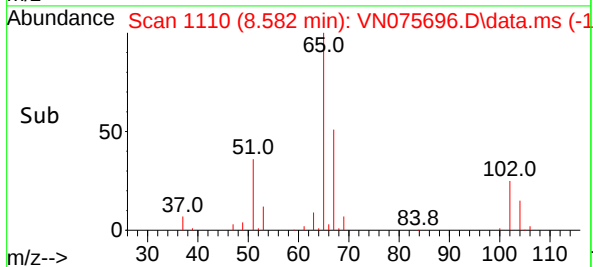
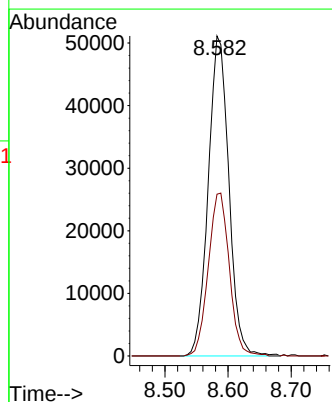
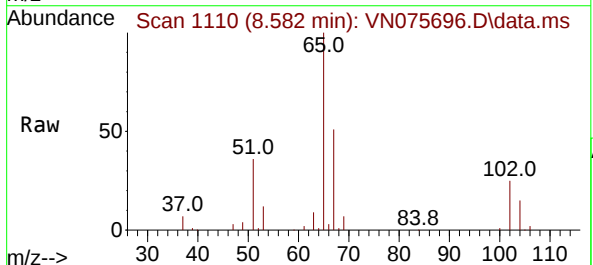
Instrument :
MSVOA_N
ClientSampleId :
MW-30D

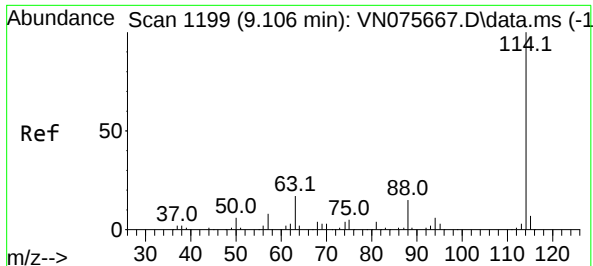
Tgt Ion: 73 Resp: 32613
Ion Ratio Lower Upper
73 100
57 20.4 15.1 22.7



#33
1,2-Dichloroethane-d4
Concen: 53.660 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075696.D
Acq: 10 Dec 2022 07:33

Tgt Ion: 65 Resp: 115786
Ion Ratio Lower Upper
65 100
67 51.9 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: VN075696.D

Acq: 10 Dec 2022 07:33

Instrument :

MSVOA_N

ClientSampleId :

MW-30D

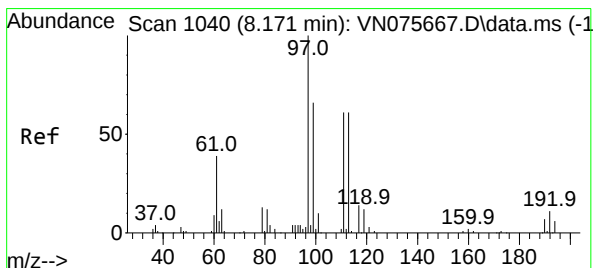
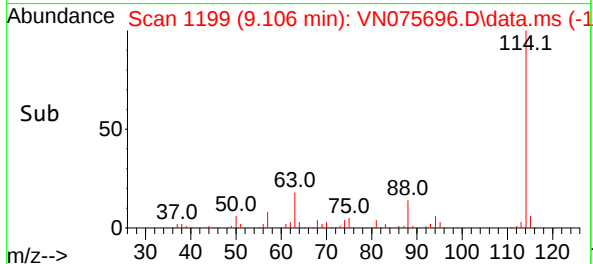
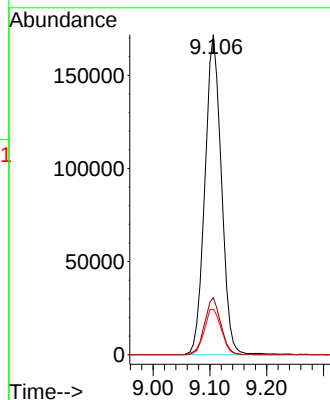
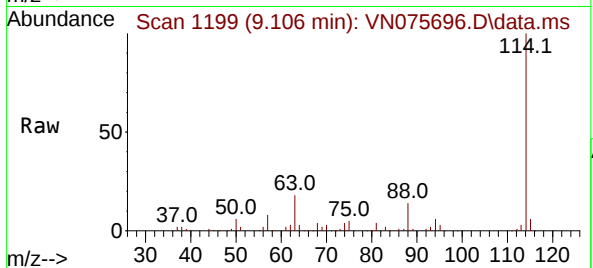
Tgt Ion:114 Resp: 345193

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.2 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.731 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075696.D

Acq: 10 Dec 2022 07:33

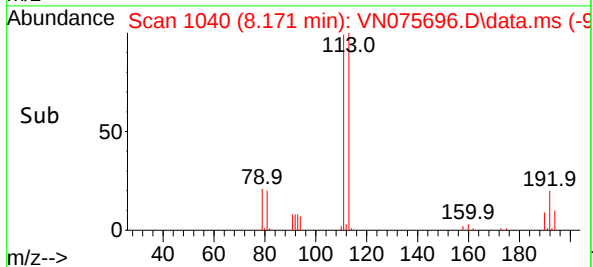
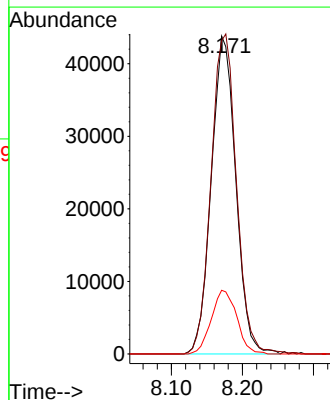
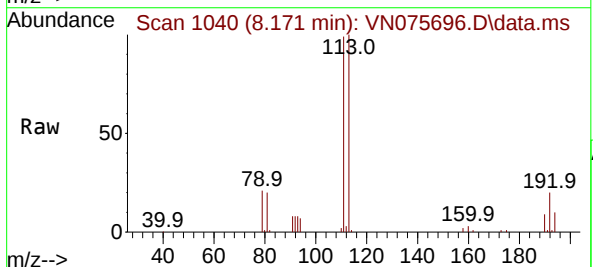
Tgt Ion:113 Resp: 104738

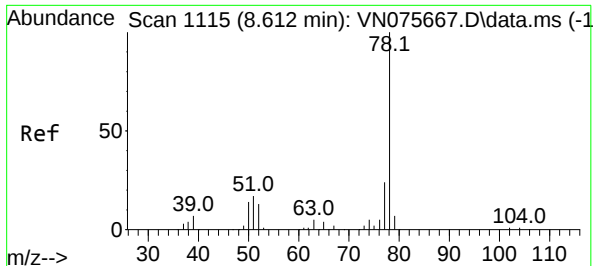
Ion Ratio Lower Upper

113 100

111 104.4 81.0 121.6

192 20.8 16.2 24.2

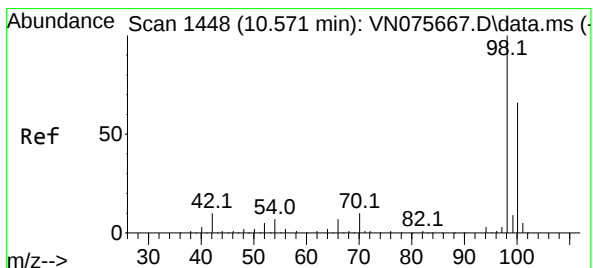
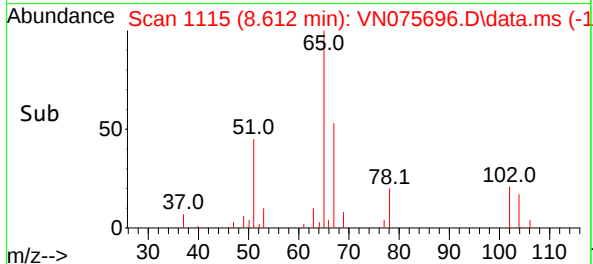
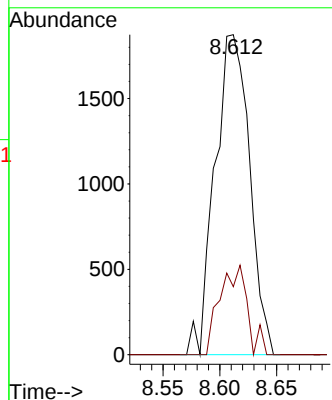
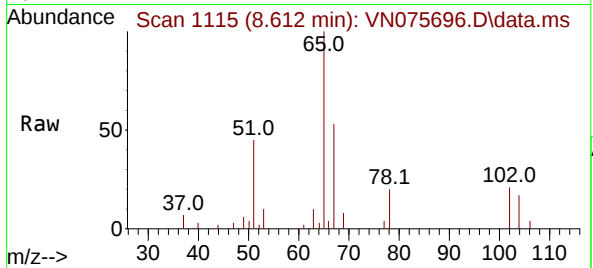




#40
Benzene
Concen: 0.464 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075696.D
Acq: 10 Dec 2022 07:33

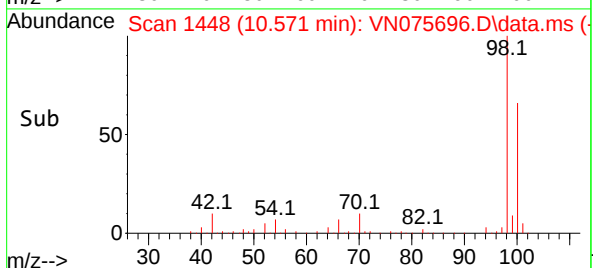
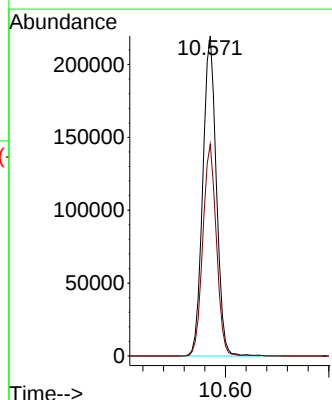
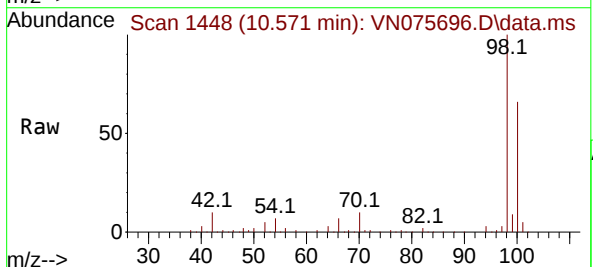
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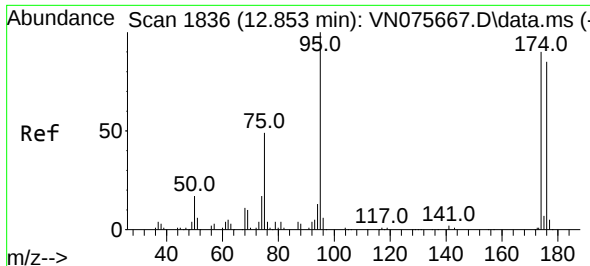
Tgt Ion: 78 Resp: 3980
Ion Ratio Lower Upper
78 100
77 21.2 19.1 28.7



#50
Toluene-d8
Concen: 50.424 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075696.D
Acq: 10 Dec 2022 07:33

Tgt Ion: 98 Resp: 398817
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

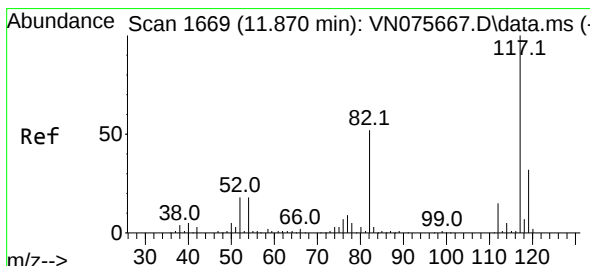
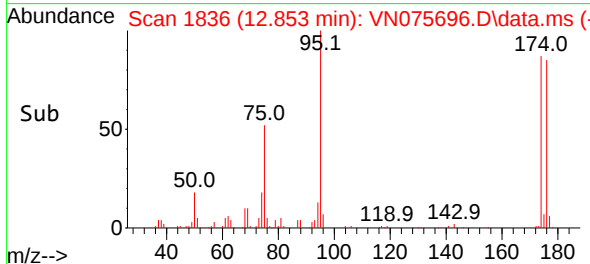
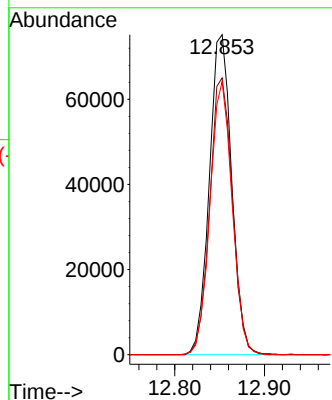
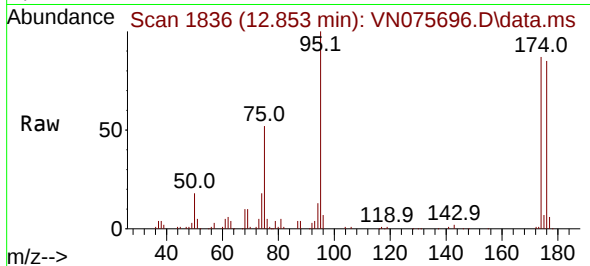




#62
4-Bromofluorobenzene
Concen: 48.163 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075696.D
Acq: 10 Dec 2022 07:33

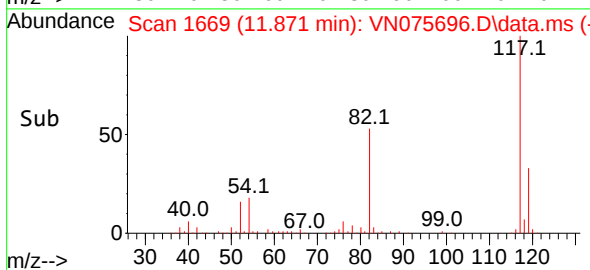
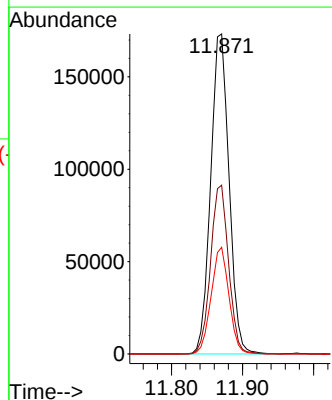
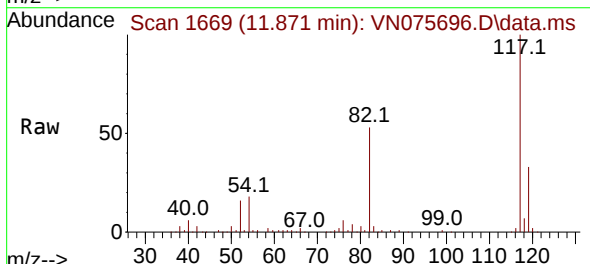
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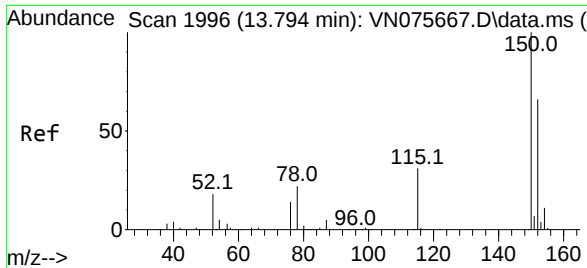
Tgt Ion: 95 Resp: 130244
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.6
176 84.2 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075696.D
Acq: 10 Dec 2022 07:33

Tgt Ion: 117 Resp: 310976
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 33.3 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: VN075696.D
 Acq: 10 Dec 2022 07:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30D

Tgt Ion:152 Resp: 140578
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.4 85.2
 150 158.0 0.0 347.6

