

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074702.D
 Acq On : 01 Oct 2022 10:04
 Operator : JC\MD
 Sample : N4882-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-127

Quant Time: Oct 03 02:13:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

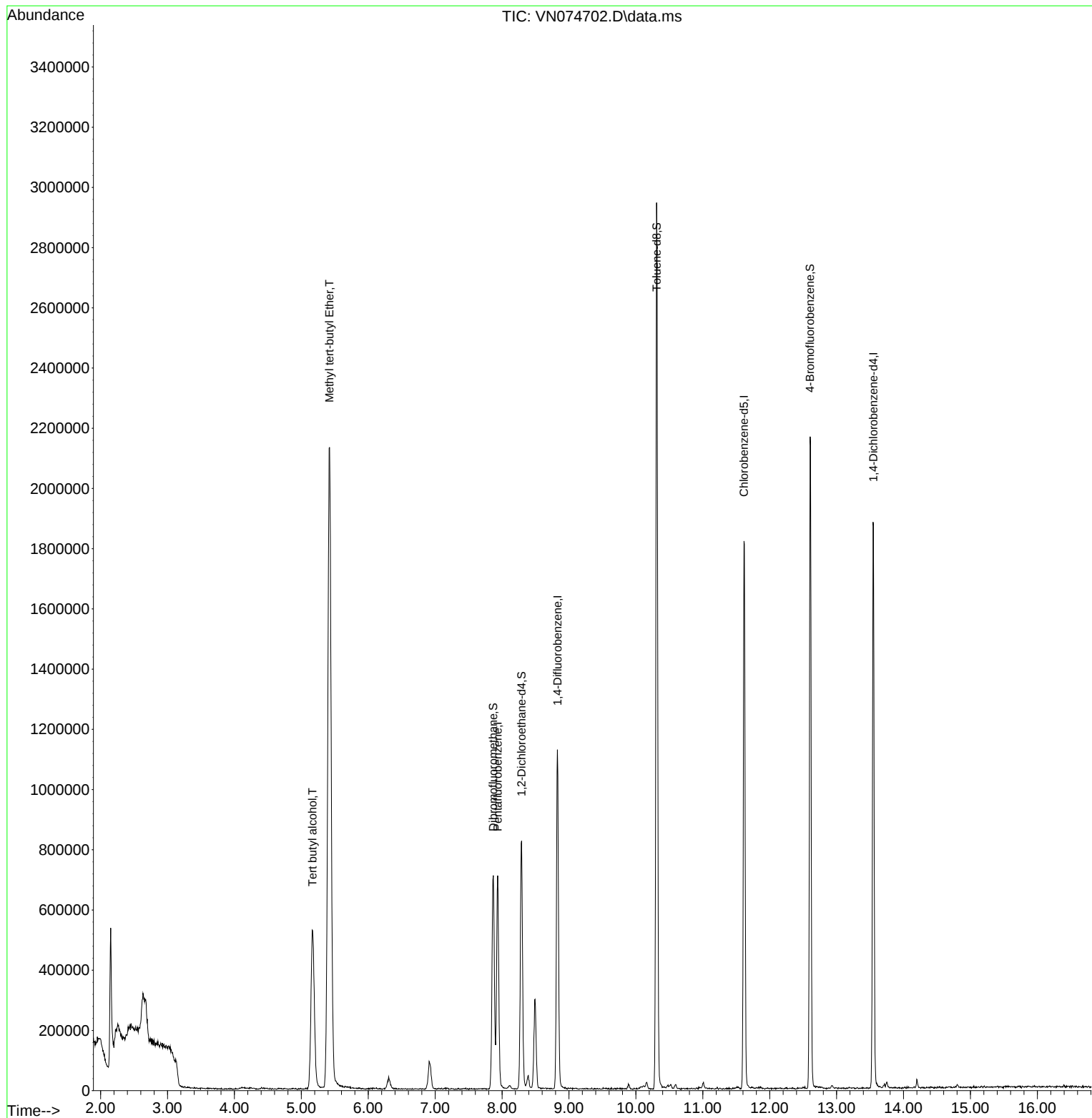
Internal Standards						
1) Pentafluorobenzene	7.933	168	488092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.827	114	951472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.615	117	967544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	457584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.292	65	615637	50.327	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 100.660%		
35) Dibromofluoromethane	7.869	113	509629	50.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.200%		
50) Toluene-d8	10.310	98	1933038	45.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 91.260%		
62) 4-Bromofluorobenzene	12.604	95	650952	48.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 96.920%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.169	59	1014733	310.611	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	3618195	103.994	ug/l	100

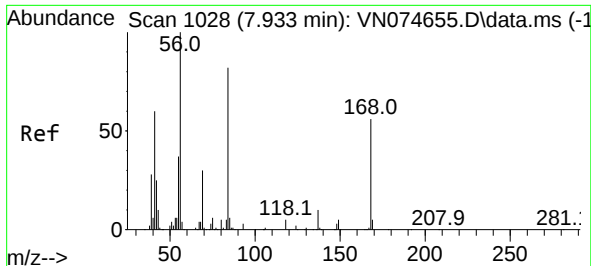
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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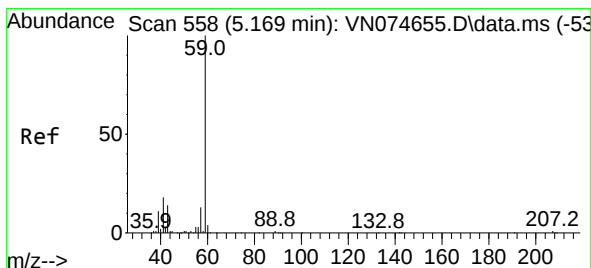
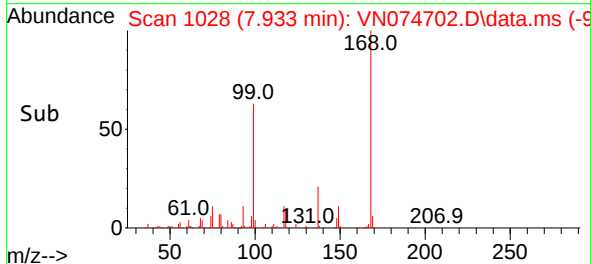
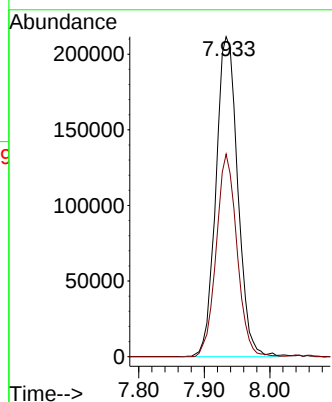
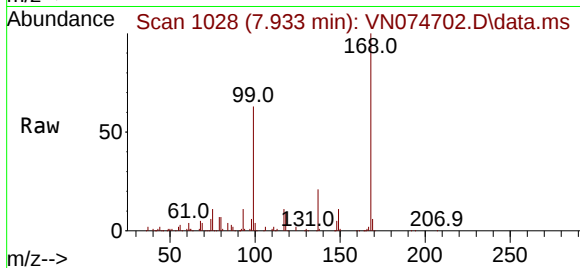




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074702.D
Acq: 01 Oct 2022 10:04

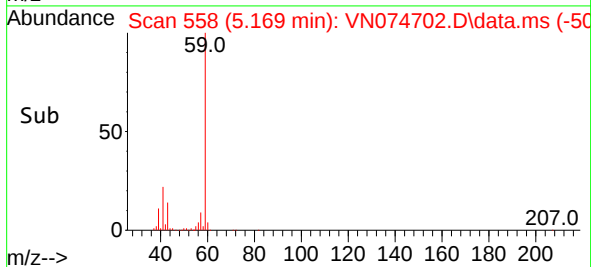
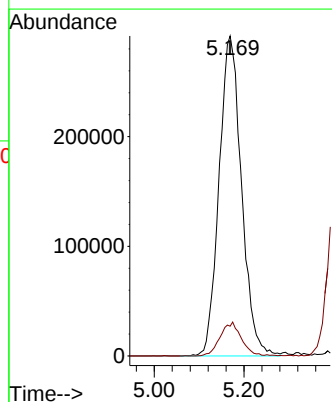
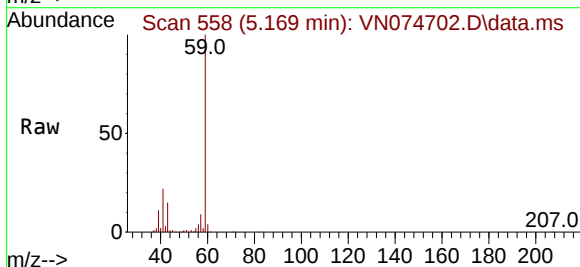
Instrument :
MSVOA_N
ClientSampleId :
MW-127

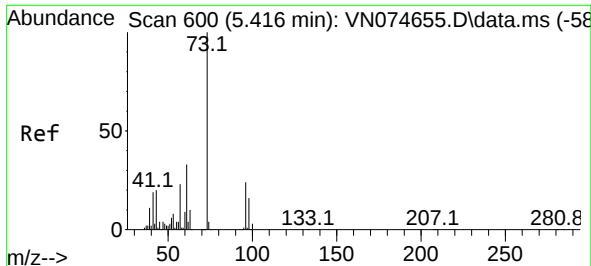
Tgt Ion:168 Resp: 488092
Ion Ratio Lower Upper
168 100
99 63.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 310.611 ug/l
RT: 5.169 min Scan# 558
Delta R.T. -0.000 min
Lab File: VN074702.D
Acq: 01 Oct 2022 10:04

Tgt Ion: 59 Resp: 1014733
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

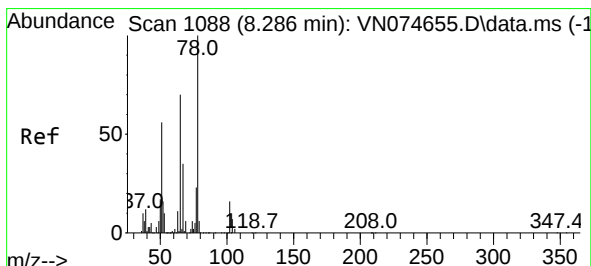
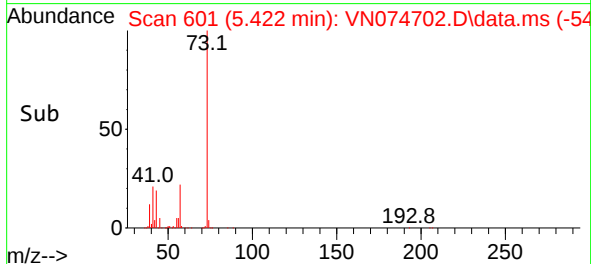
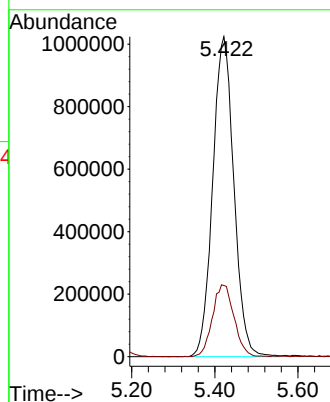
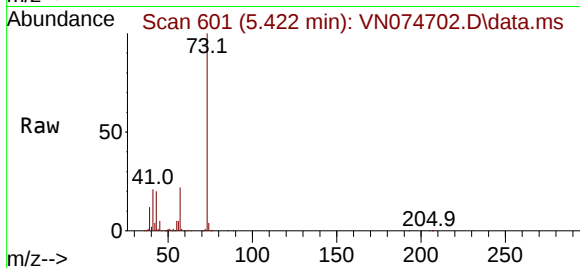




#19
Methyl tert-butyl Ether
Concen: 103.994 ug/l
RT: 5.422 min Scan# 601
Delta R.T. 0.006 min
Lab File: VN074702.D
Acq: 01 Oct 2022 10:04

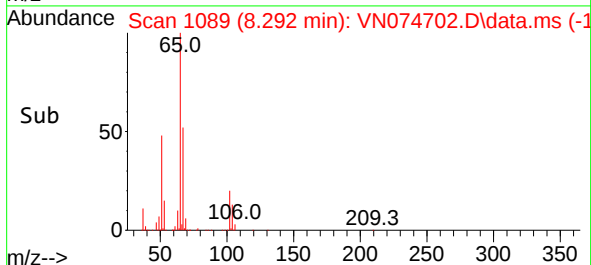
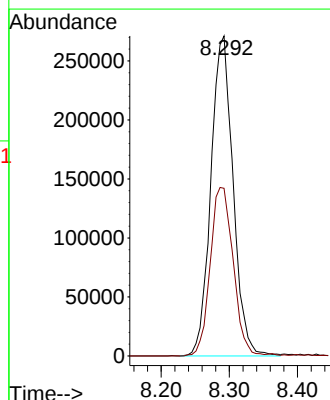
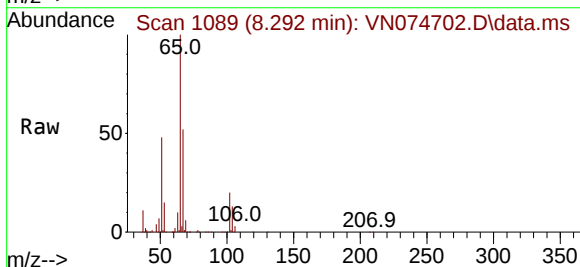
Instrument :
MSVOA_N
ClientSampleId :
MW-127

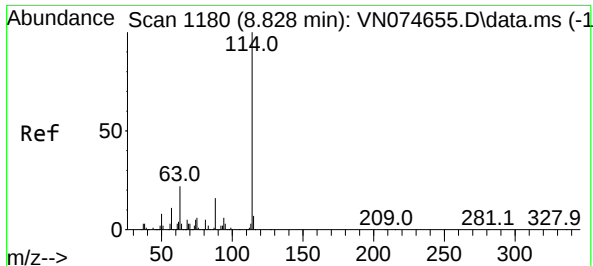
Tgt Ion: 73 Resp: 3618195
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



#33
1,2-Dichloroethane-d4
Concen: 50.327 ug/l
RT: 8.292 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN074702.D
Acq: 01 Oct 2022 10:04

Tgt Ion: 65 Resp: 615637
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.827 min Scan# 1180

Delta R.T. -0.001 min

Lab File: VN074702.D

Acq: 01 Oct 2022 10:04

Instrument :

MSVOA_N

ClientSampleId :

MW-127

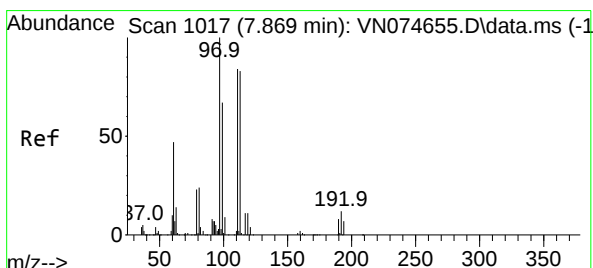
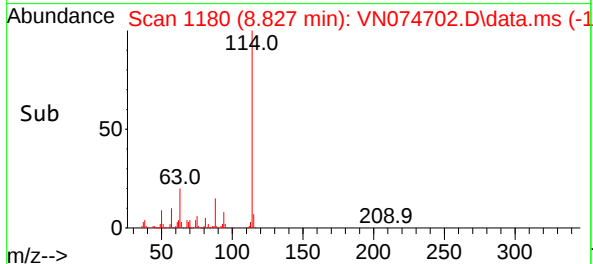
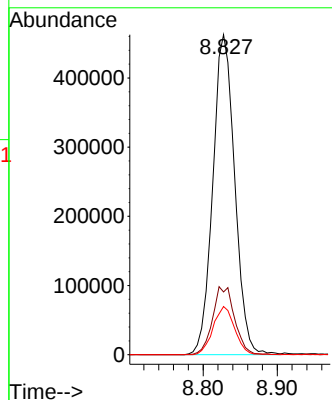
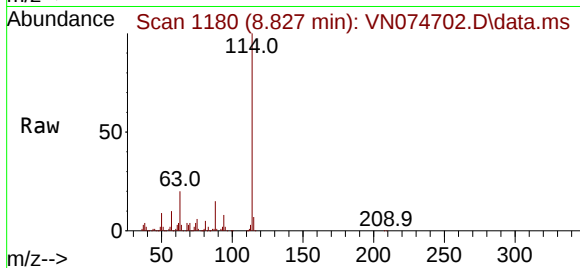
Tgt Ion:114 Resp: 951472

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.604 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074702.D

Acq: 01 Oct 2022 10:04

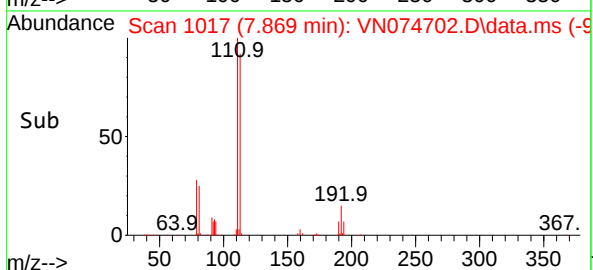
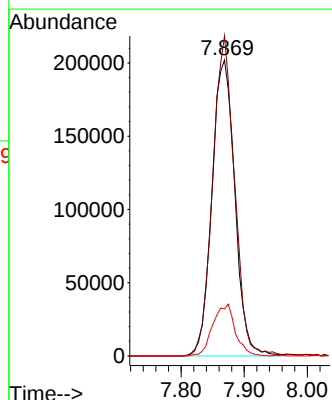
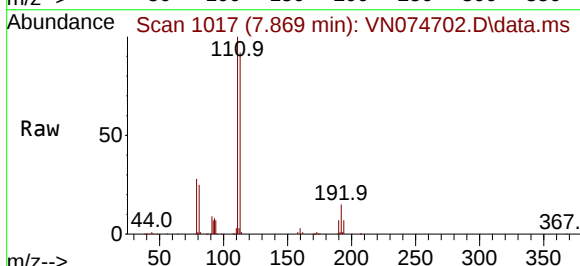
Tgt Ion:113 Resp: 509629

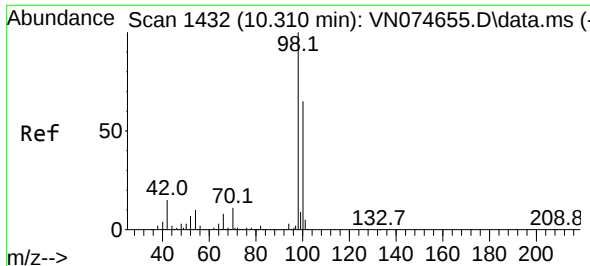
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 17.2 17.0 25.6

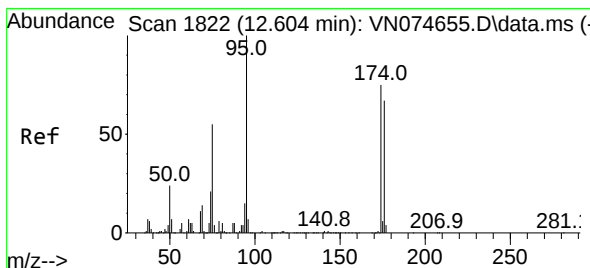
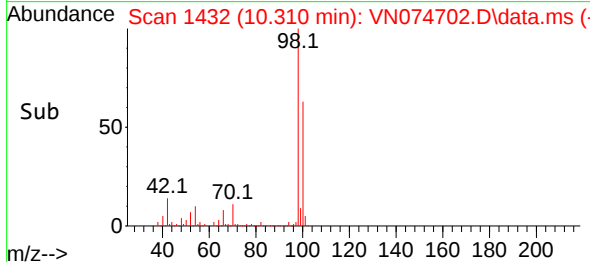
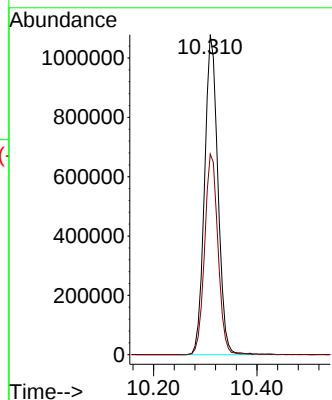
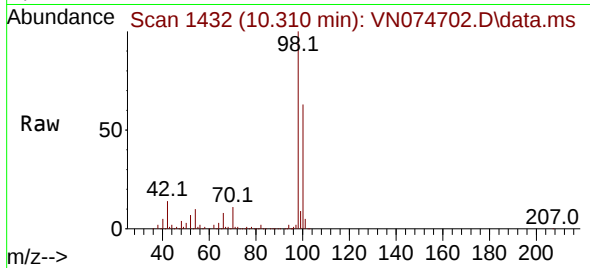




#50
Toluene-d8
Concen: 45.632 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074702.D
Acq: 01 Oct 2022 10:04

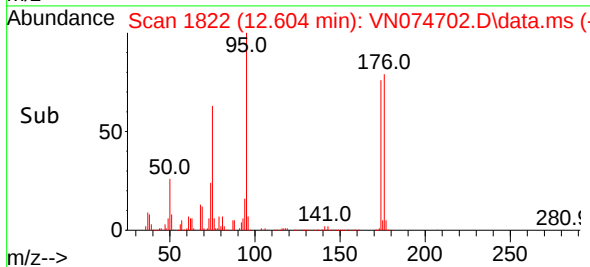
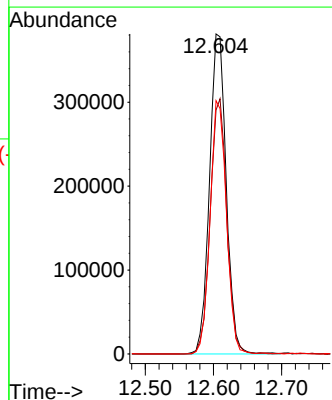
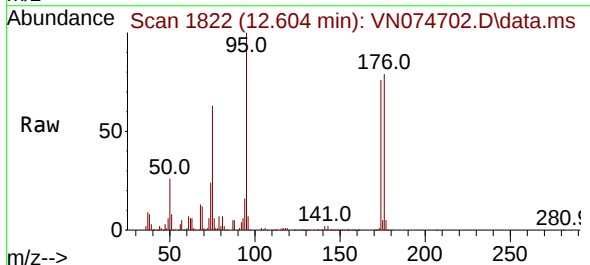
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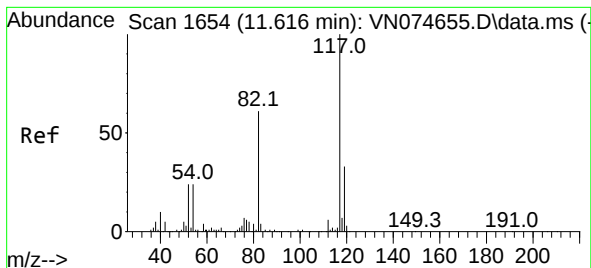
Tgt Ion: 98 Resp: 1933038
Ion Ratio Lower Upper
98 100
100 62.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.462 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074702.D
Acq: 01 Oct 2022 10:04

Tgt Ion: 95 Resp: 650952
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 77.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.615 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN074702.D

Acq: 01 Oct 2022 10:04

Instrument :

MSVOA_N

ClientSampleId :

MW-127

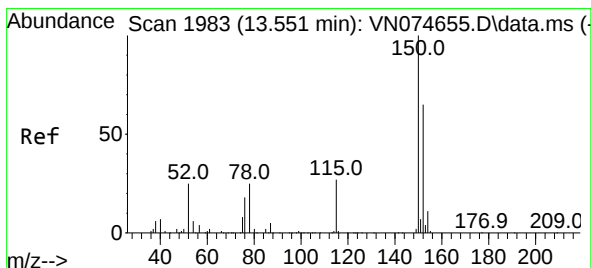
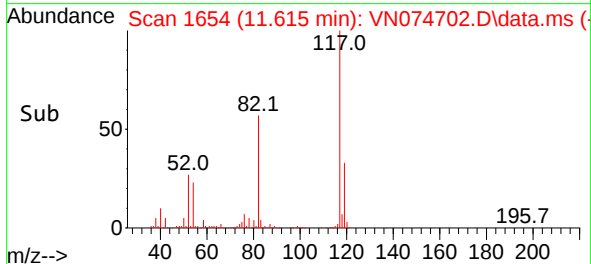
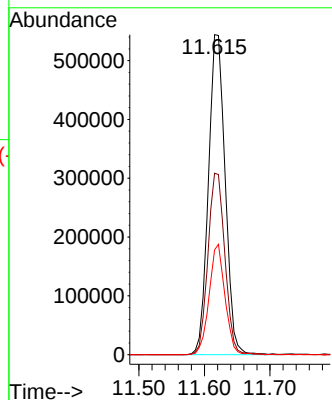
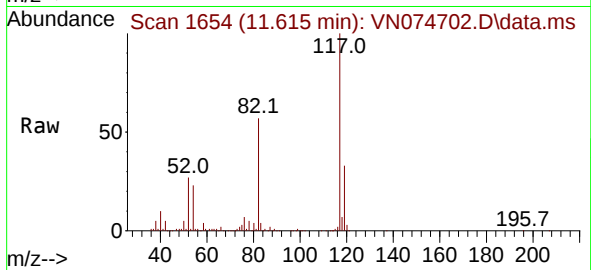
Tgt Ion:117 Resp: 967544

Ion Ratio Lower Upper

117 100

82 56.7 44.2 66.2

119 32.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN074702.D

Acq: 01 Oct 2022 10:04

Tgt Ion:152 Resp: 457584

Ion Ratio Lower Upper

152 100

115 59.8 28.9 86.7

150 161.7 0.0 356.2

