

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074700.D
 Acq On : 01 Oct 2022 09:15
 Operator : JC\MD
 Sample : N4882-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-122

Quant Time: Oct 03 02:13:34 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)

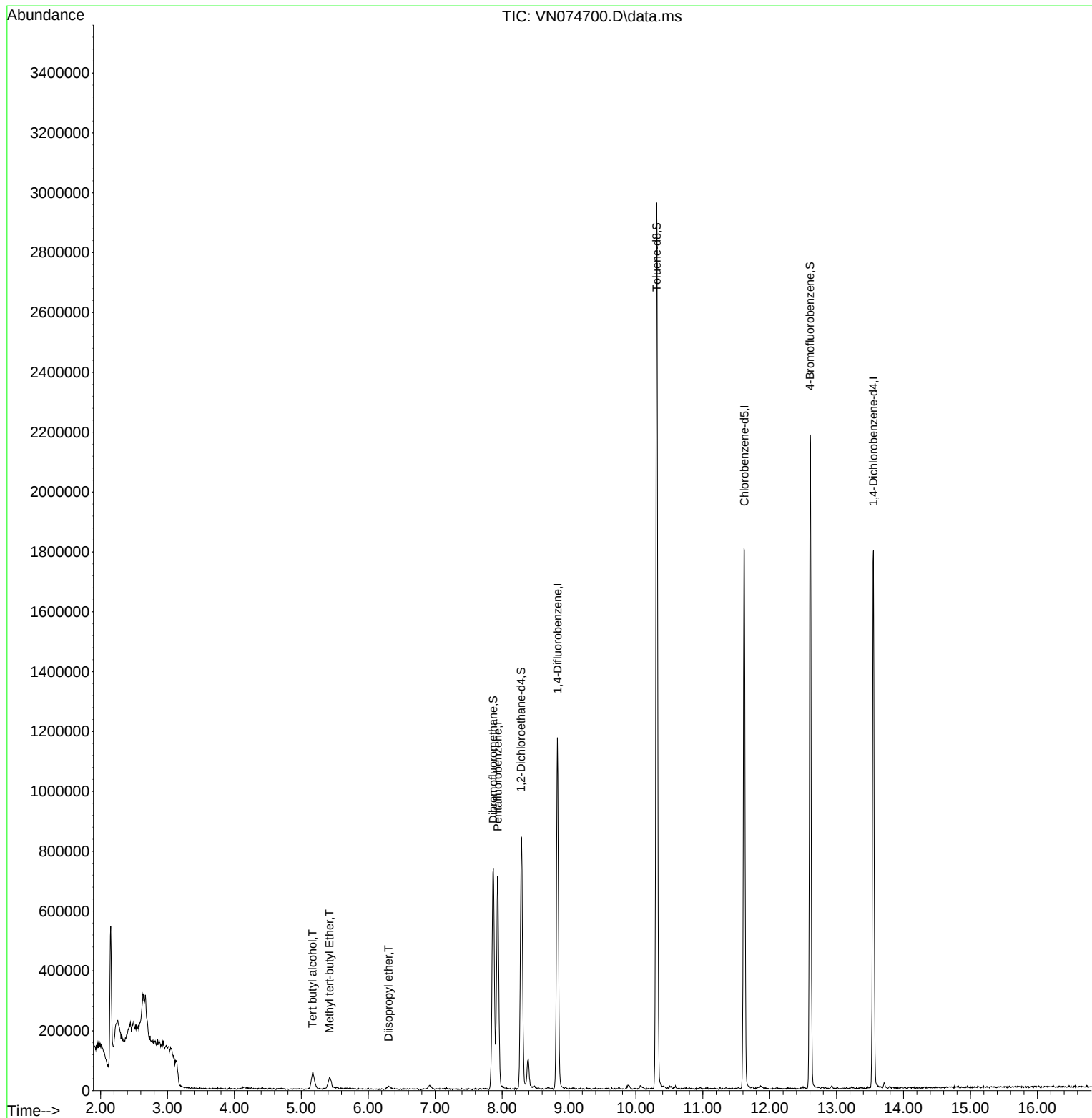
Internal Standards						
1) Pentafluorobenzene	7.934	168	500563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	949206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.622	117	960422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	434342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	633775	50.519	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.040%	
35) Dibromofluoromethane	7.869	113	514857	51.245	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.500%	
50) Toluene-d8	10.310	98	1971265	46.646	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.300%	
62) 4-Bromofluorobenzene	12.604	95	633954	47.309	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.169	59	94154	28.103	ug/l #	88
19) Methyl tert-butyl Ether	5.422	73	55671	1.560	ug/l	96
22) Diisopropyl ether	6.304	45	13431	0.327	ug/l #	83

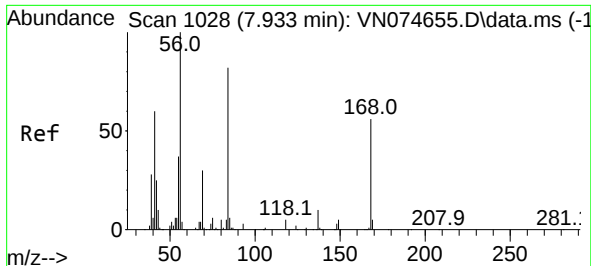
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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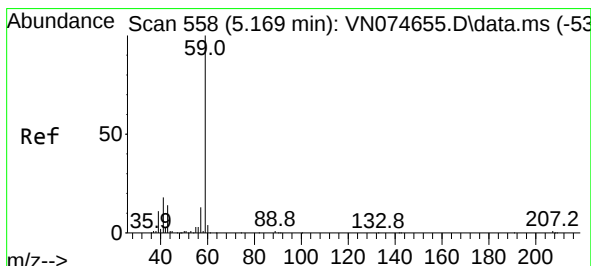
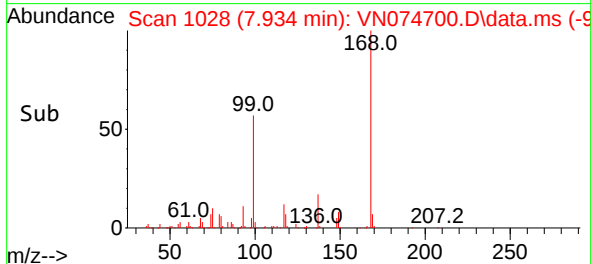
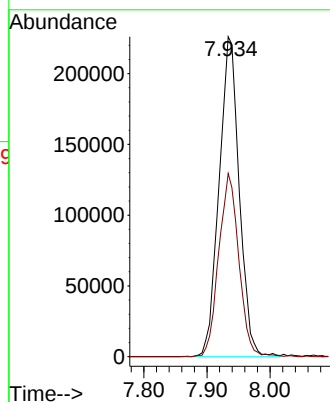
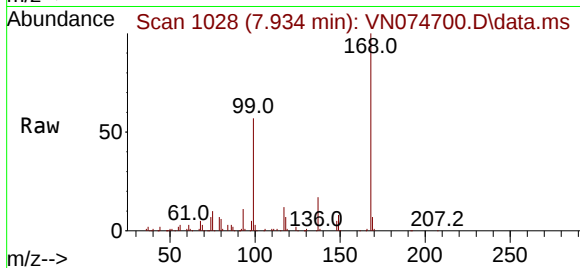




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1028
Delta R.T. 0.001 min
Lab File: VN074700.D
Acq: 01 Oct 2022 09:15

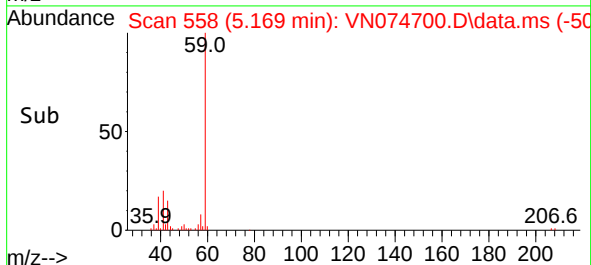
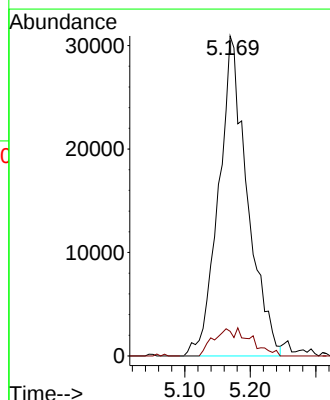
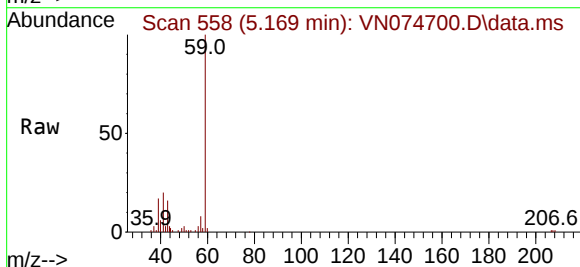
Instrument :
MSVOA_N
ClientSampleId :
MW-122

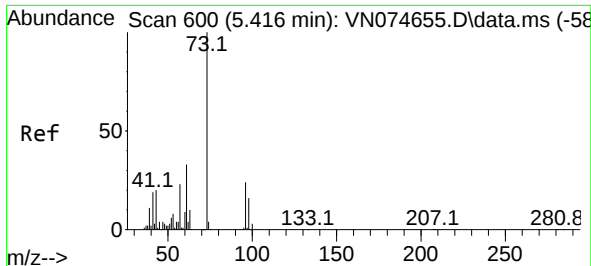
Tgt Ion:168 Resp: 500563
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 28.103 ug/l
RT: 5.169 min Scan# 558
Delta R.T. 0.000 min
Lab File: VN074700.D
Acq: 01 Oct 2022 09:15

Tgt Ion: 59 Resp: 94154
Ion Ratio Lower Upper
59 100
57 6.0 8.3 12.5#

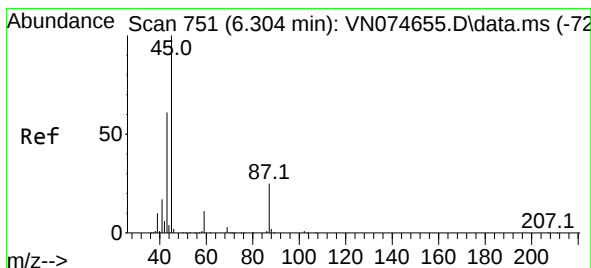
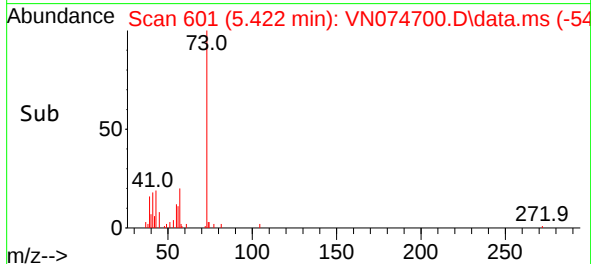
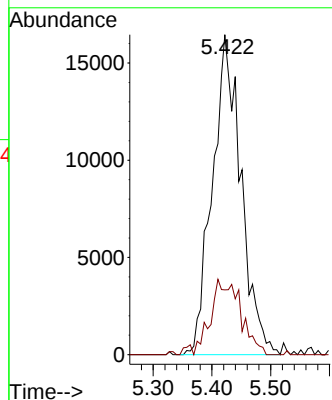
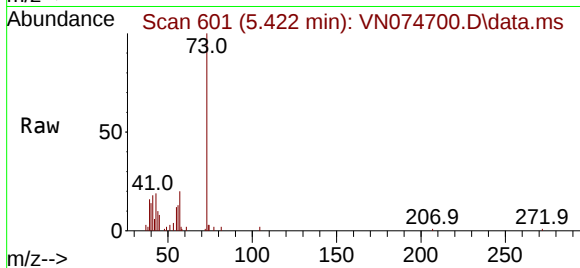




#19
Methyl tert-butyl Ether
Concen: 1.560 ug/l
RT: 5.422 min Scan# 601
Delta R.T. 0.006 min
Lab File: VN074700.D
Acq: 01 Oct 2022 09:15

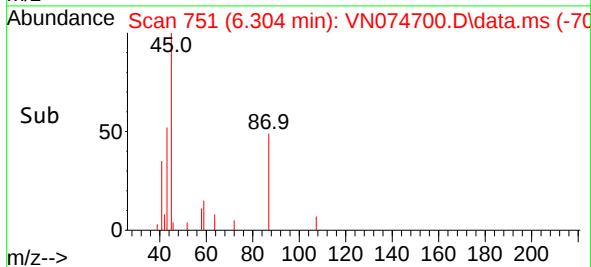
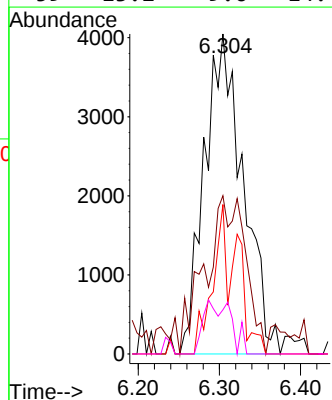
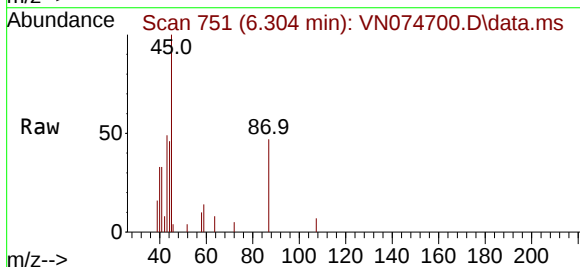
Instrument :
MSVOA_N
ClientSampleId :
MW-122

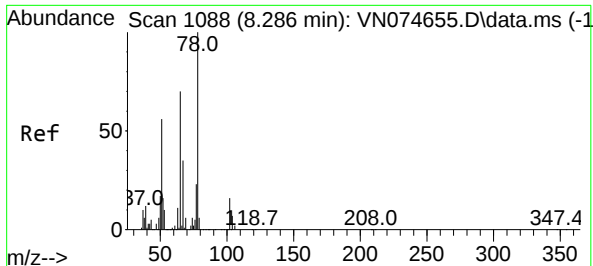
Tgt Ion: 73 Resp: 55671
Ion Ratio Lower Upper
73 100
57 20.3 17.6 26.4



#22
Diisopropyl ether
Concen: 0.327 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN074700.D
Acq: 01 Oct 2022 09:15

Tgt Ion: 45 Resp: 13431
Ion Ratio Lower Upper
45 100
43 47.5 46.6 70.0
87 44.8 24.3 36.5#
59 13.2 9.6 14.4





#33

1,2-Dichloroethane-d4

Concen: 50.519 ug/l

RT: 8.286 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN074700.D

Acq: 01 Oct 2022 09:15

Instrument :

MSVOA_N

ClientSampleId :

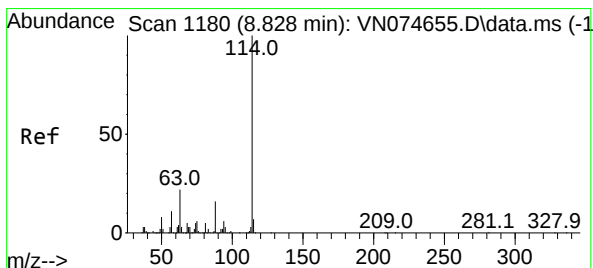
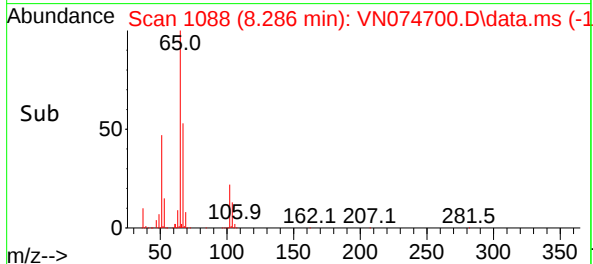
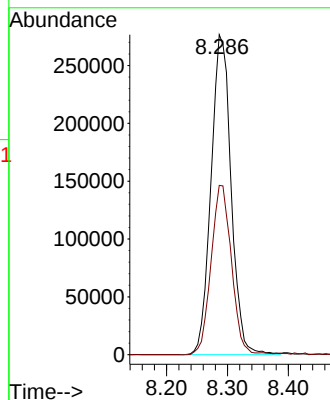
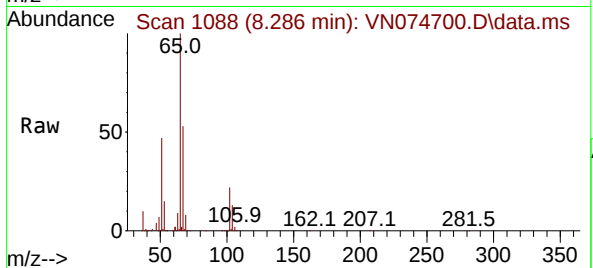
MW-122

Tgt Ion: 65 Resp: 633775

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074700.D

Acq: 01 Oct 2022 09:15

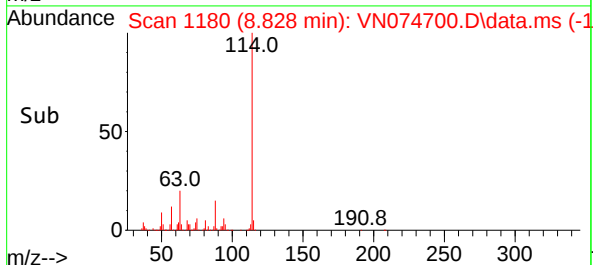
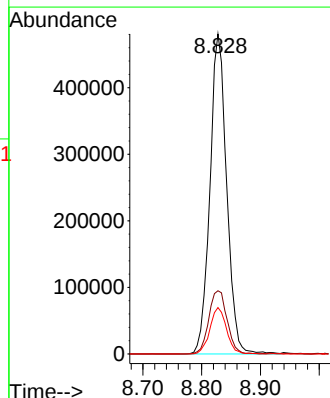
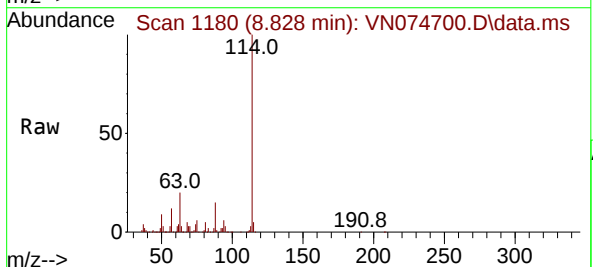
Tgt Ion: 114 Resp: 949206

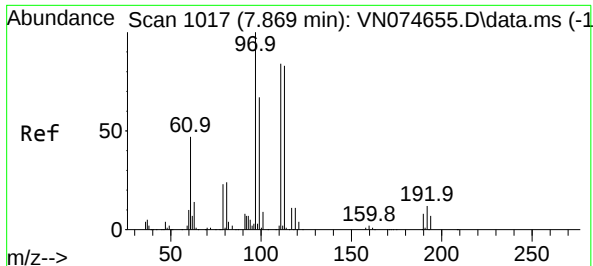
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.245 ug/l

RT: 7.869 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VN074700.D

Acq: 01 Oct 2022 09:15

Instrument :

MSVOA_N

ClientSampleId :

MW-122

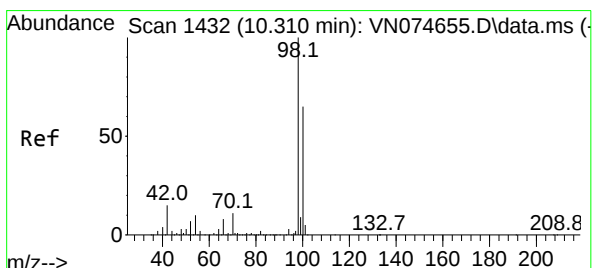
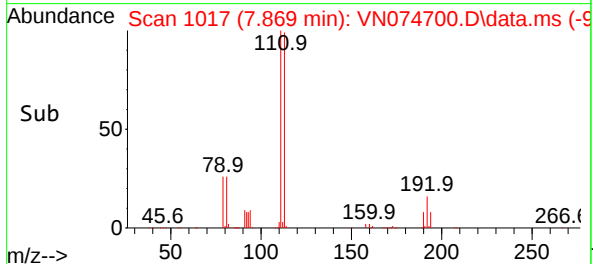
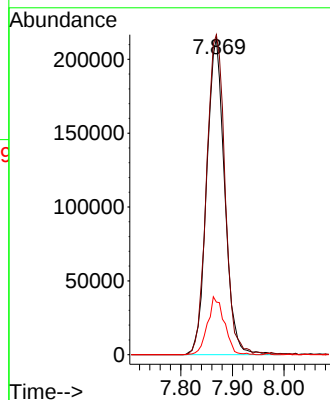
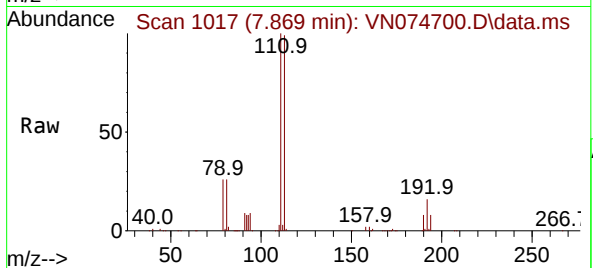
Tgt Ion:113 Resp: 514857

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 17.3 17.0 25.6



#50

Toluene-d8

Concen: 46.646 ug/l

RT: 10.310 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VN074700.D

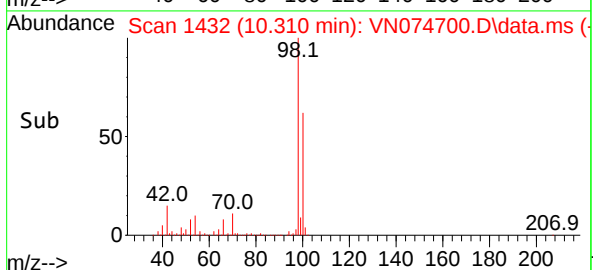
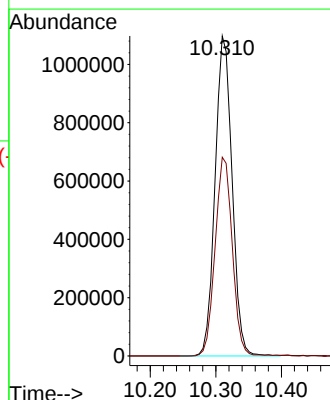
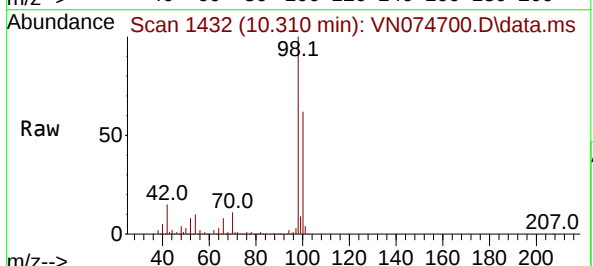
Acq: 01 Oct 2022 09:15

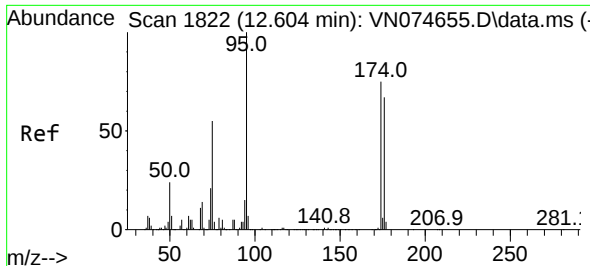
Tgt Ion: 98 Resp: 1971265

Ion Ratio Lower Upper

98 100

100 63.1 52.6 78.8

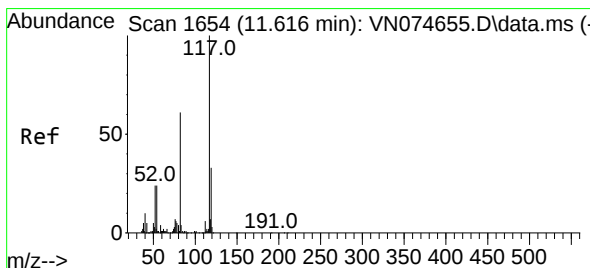
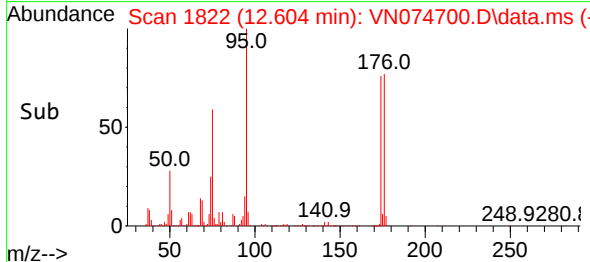
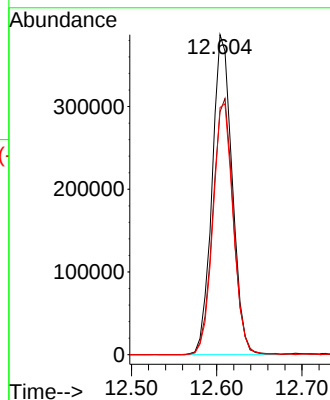
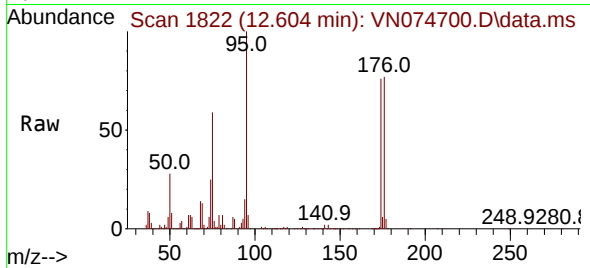




#62
4-Bromofluorobenzene
Concen: 47.309 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074700.D
Acq: 01 Oct 2022 09:15

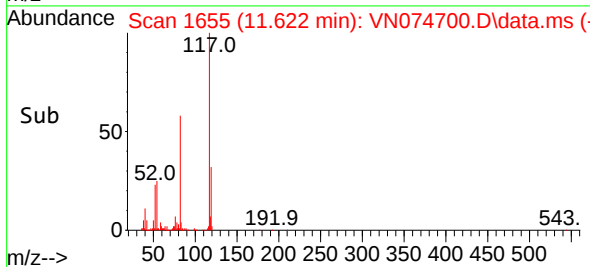
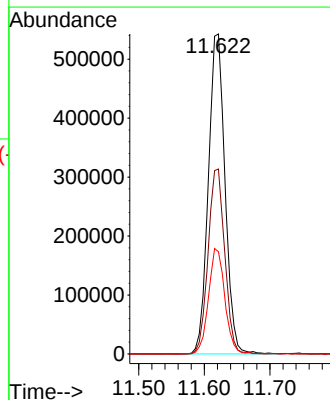
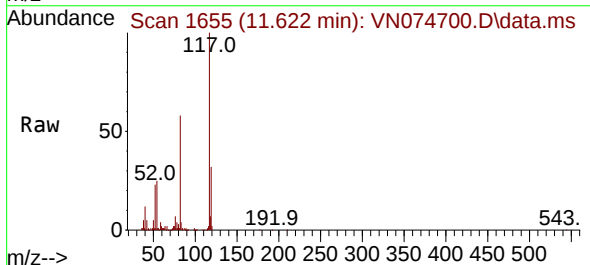
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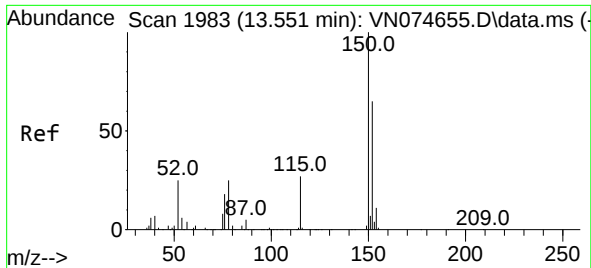
Tgt Ion: 95 Resp: 633954
Ion Ratio Lower Upper
95 100
174 81.3 0.0 167.6
176 79.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.622 min Scan# 1655
Delta R.T. 0.006 min
Lab File: VN074700.D
Acq: 01 Oct 2022 09:15

Tgt Ion: 117 Resp: 960422
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 31.9 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: VN074700.D
 Acq: 01 Oct 2022 09:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-122

Tgt Ion:152 Resp: 434342
 Ion Ratio Lower Upper
 152 100
 115 61.0 28.9 86.7
 150 158.0 0.0 356.2

