

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074969.D
 Acq On : 21 Oct 2022 18:12
 Operator : JC\MD
 Sample : N5222-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Quant Time: Oct 22 02:55:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

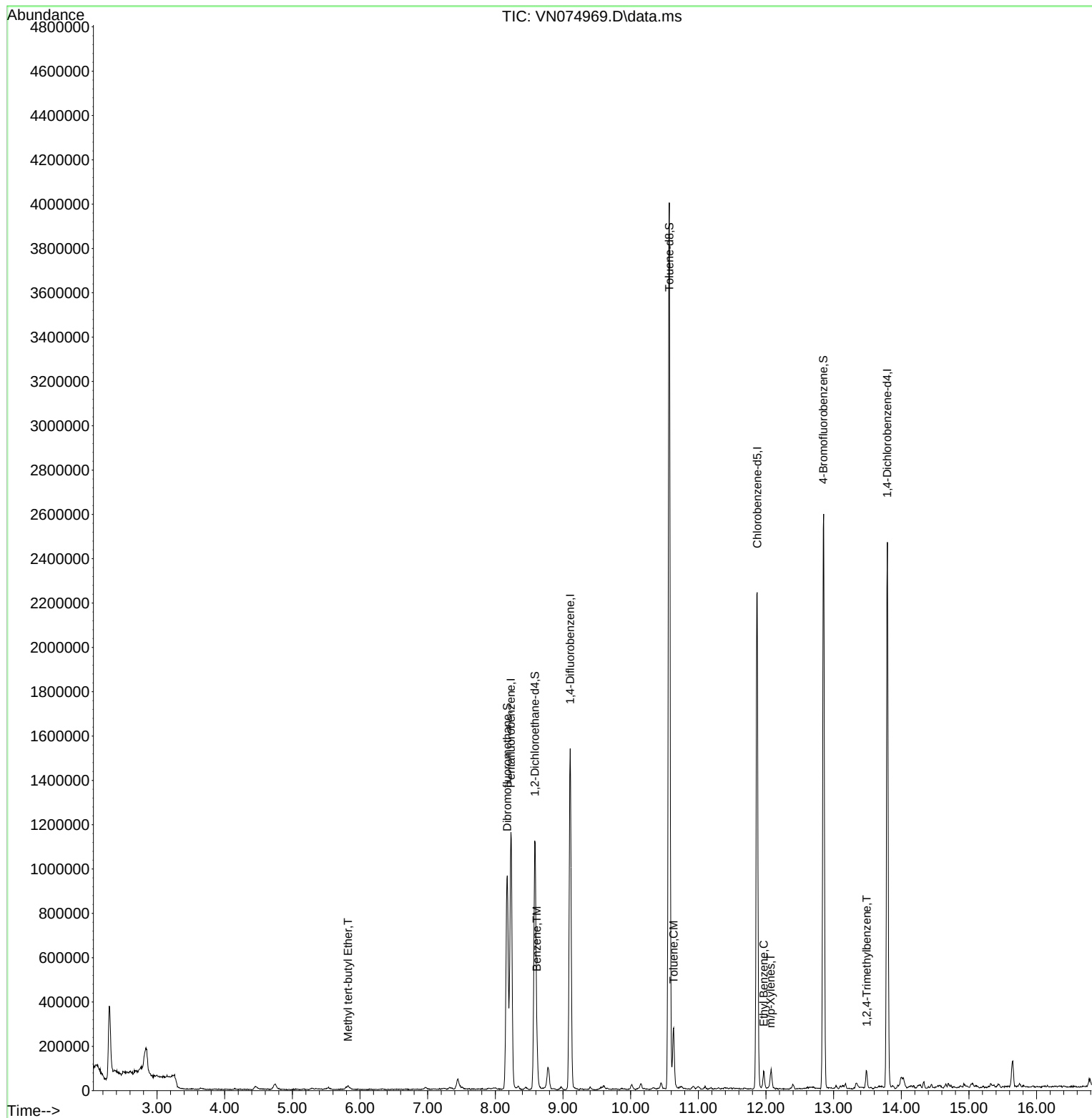
Internal Standards						
1) Pentafluorobenzene	8.230	168	796800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1341837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1319102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	634513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	878195	41.482	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.960%
35) Dibromofluoromethane	8.177	113	694475	43.483	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.960%
50) Toluene-d8	10.571	98	2855773	46.604	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.847	95	895297	41.420	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.840%#
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.824	73	15049	0.293	ug/l #	20
40) Benzene	8.612	78	131606	2.122	ug/l	99
52) Toluene	10.635	92	116440	2.878	ug/l	99
67) Ethyl Benzene	11.965	91	52462	0.741	ug/l #	87
68) m/p-Xylenes	12.071	106	28166	1.020	ug/l	87
84) 1,2,4-Trimethylbenzene	13.488	105	48884	1.081	ug/l	100

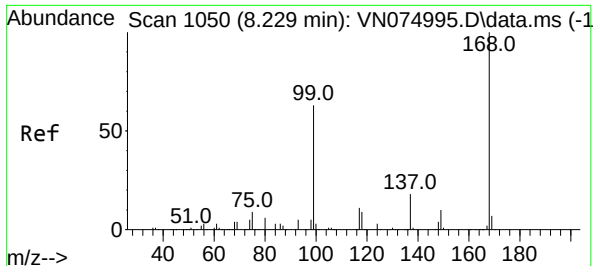
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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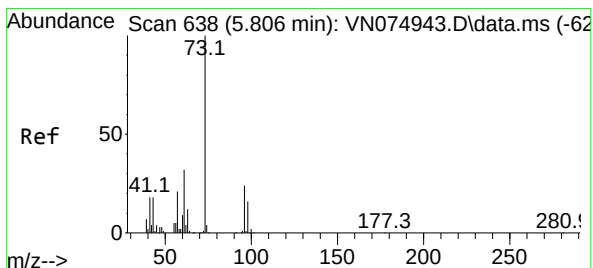
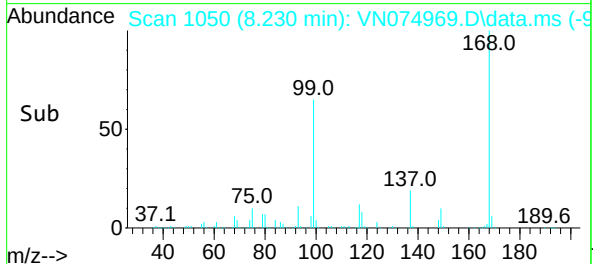
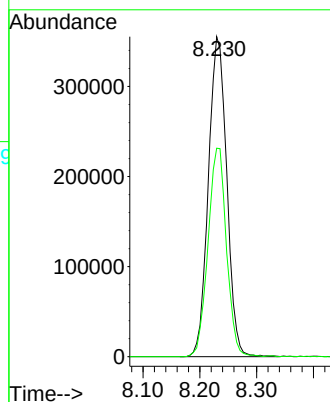
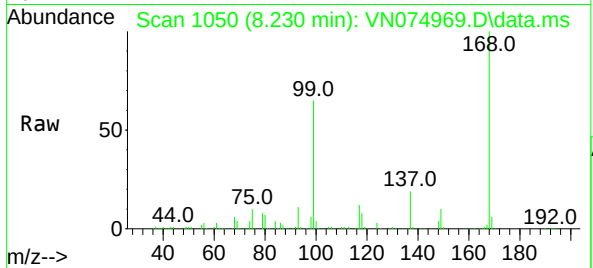




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

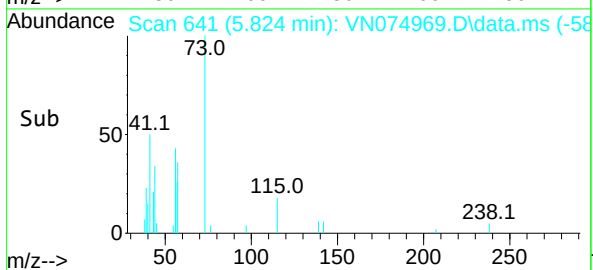
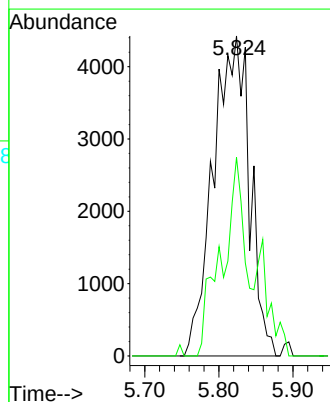
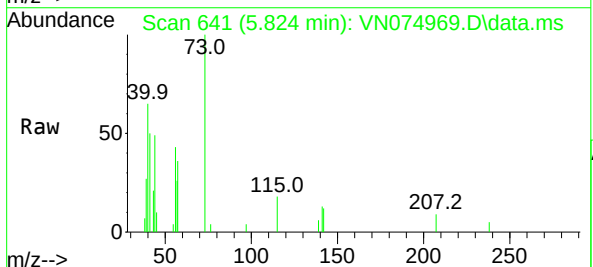
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

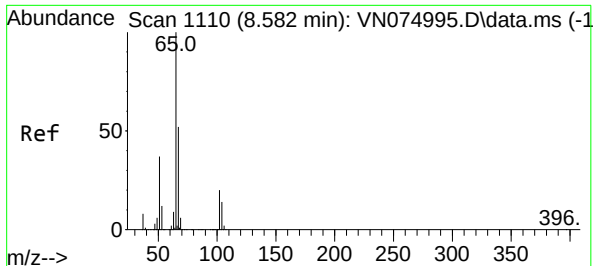
Tgt Ion:168 Resp: 796800
Ion Ratio Lower Upper
168 100
99 65.1 52.2 78.4



#19
Methyl tert-butyl Ether
Concen: 0.293 ug/l
RT: 5.824 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

Tgt Ion: 73 Resp: 15049
Ion Ratio Lower Upper
73 100
57 58.6 16.9 25.3#





#33

1,2-Dichloroethane-d4

Concen: 41.482 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074969.D

Acq: 21 Oct 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

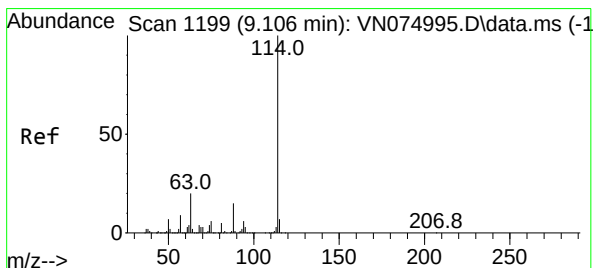
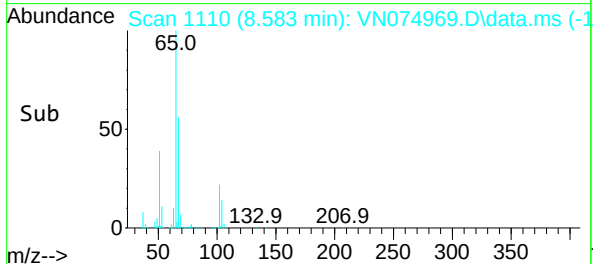
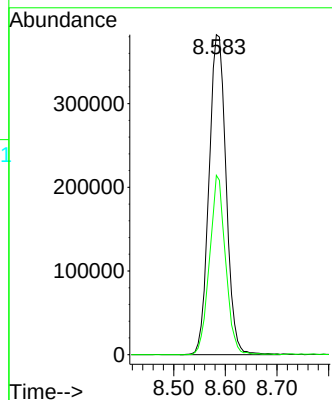
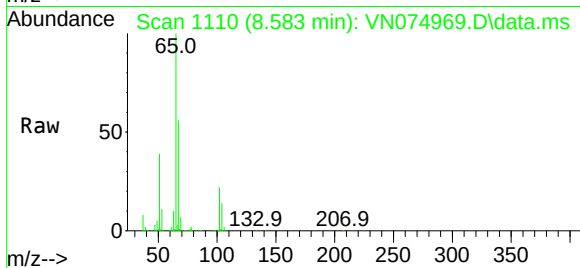
MW-1A

Tgt Ion: 65 Resp: 878195

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074969.D

Acq: 21 Oct 2022 18:12

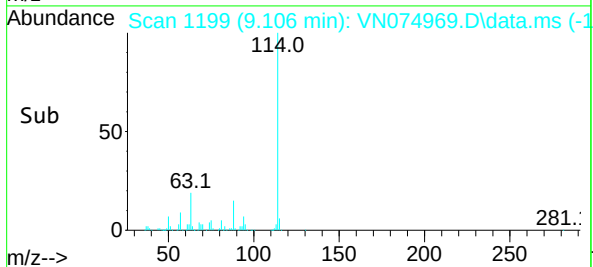
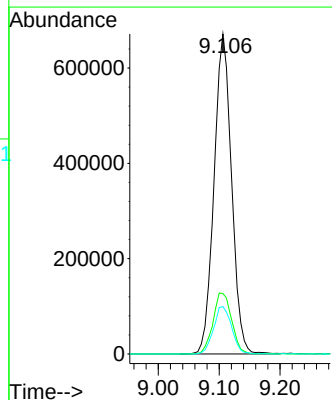
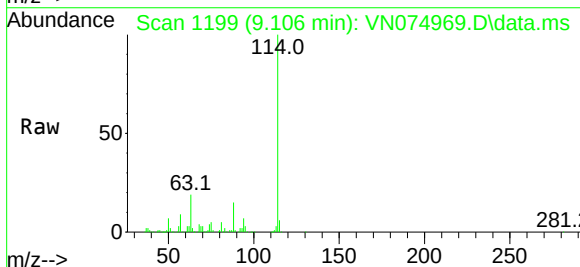
Tgt Ion: 114 Resp: 1341837

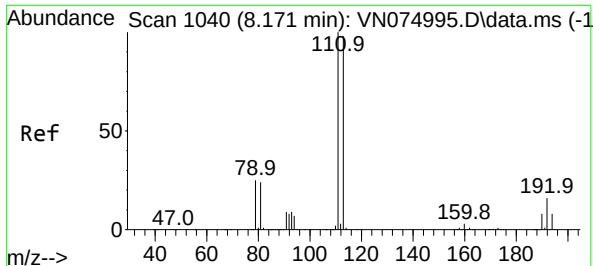
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.8

88 14.8 0.0 30.4

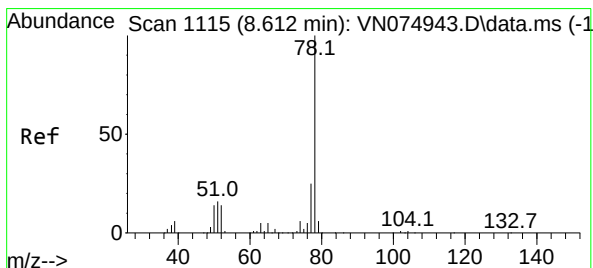
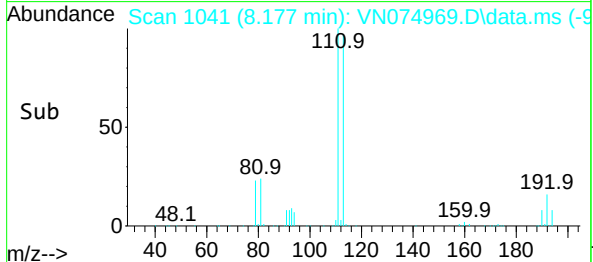
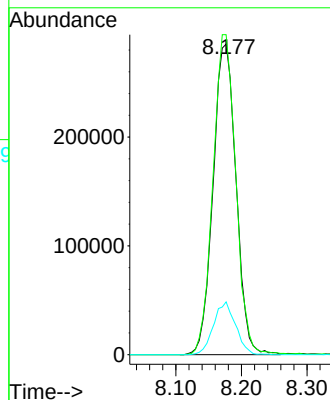
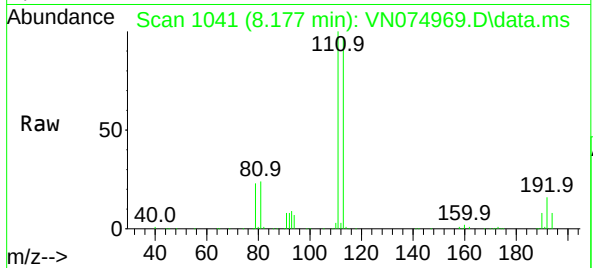




#35
Dibromofluoromethane
Concen: 43.483 ug/l
RT: 8.177 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

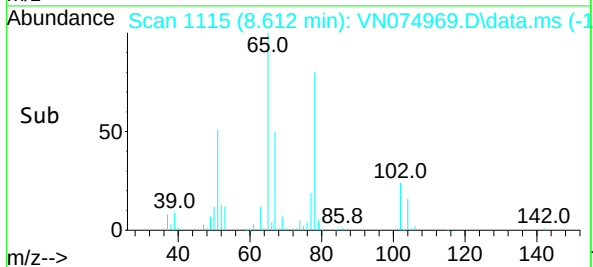
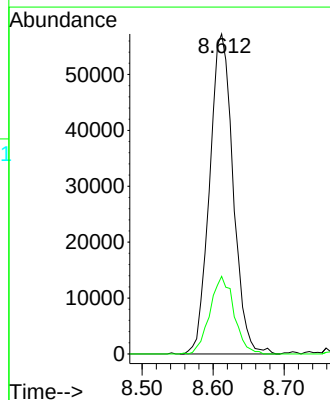
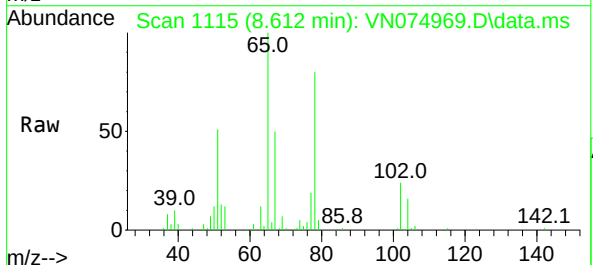
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

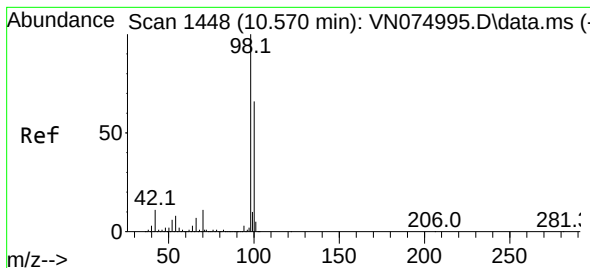
Tgt Ion:113 Resp: 694475
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 16.4 13.3 19.9



#40
Benzene
Concen: 2.122 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

Tgt Ion: 78 Resp: 131606
Ion Ratio Lower Upper
78 100
77 24.3 19.6 29.4

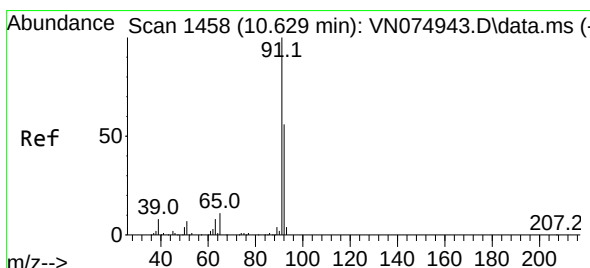
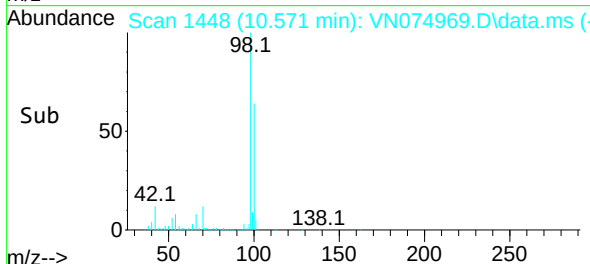
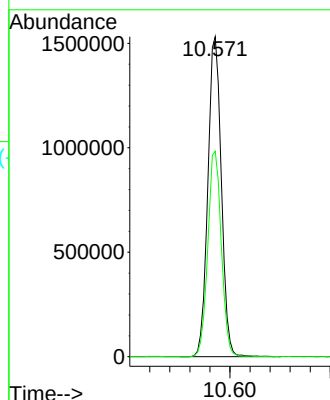
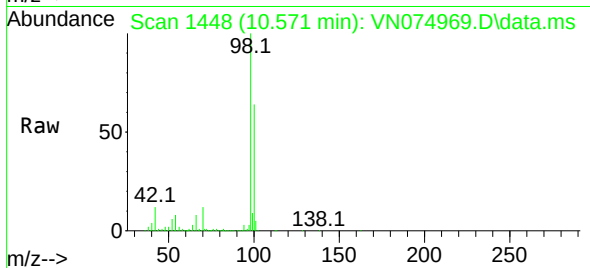




#50
Toluene-d8
Concen: 46.604 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

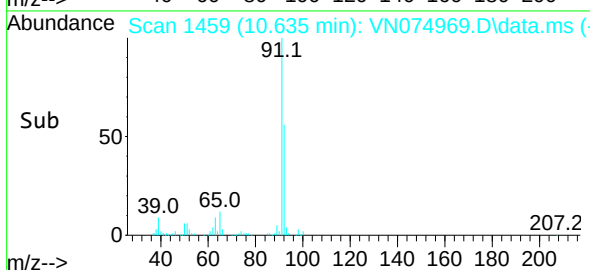
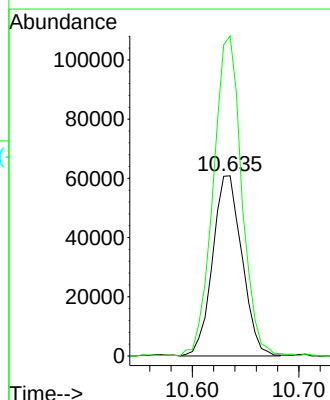
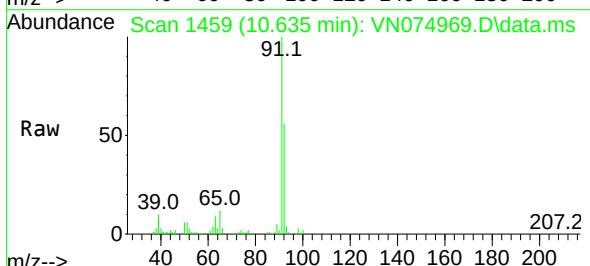
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

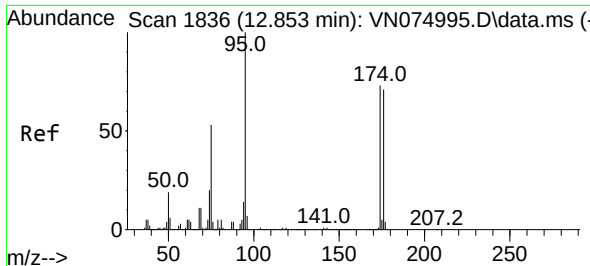
Tgt Ion: 98 Resp: 2855773
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2



#52
Toluene
Concen: 2.878 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

Tgt Ion: 92 Resp: 116440
Ion Ratio Lower Upper
92 100
91 172.5 139.2 208.8

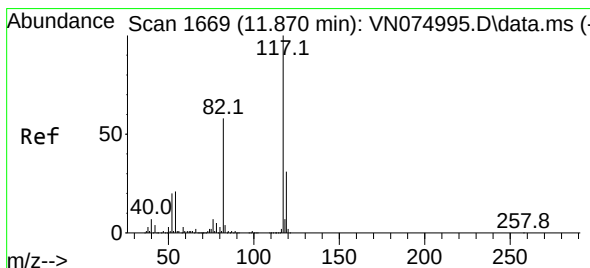
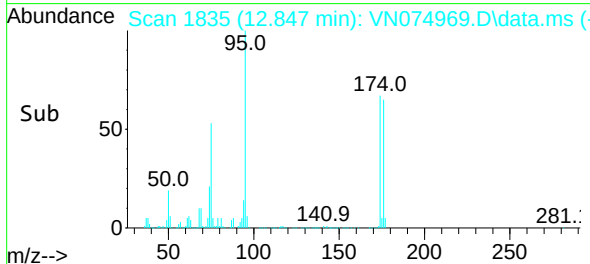
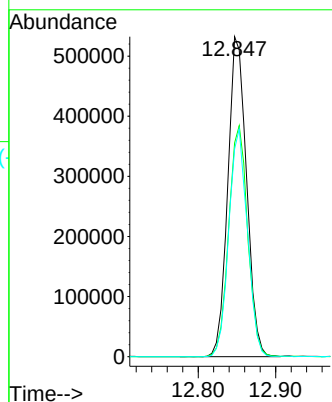
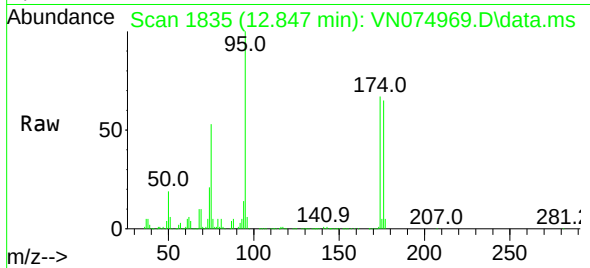




#62
4-Bromofluorobenzene
Concen: 41.420 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

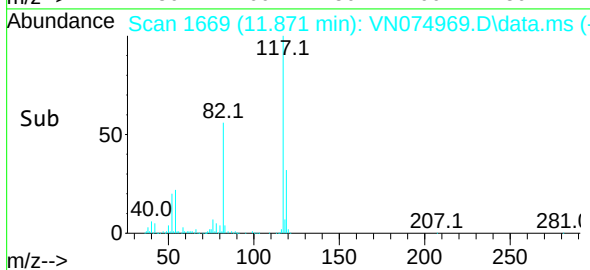
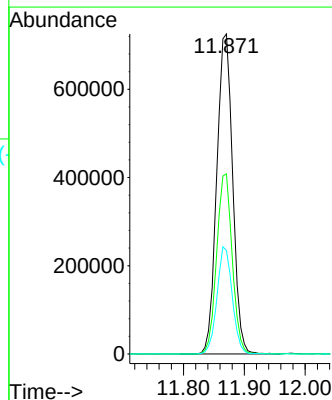
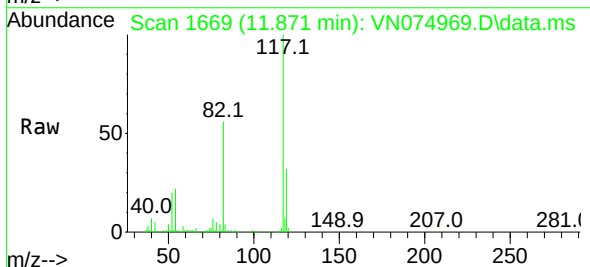
Instrument :
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ClientSampleId :
MW-1A

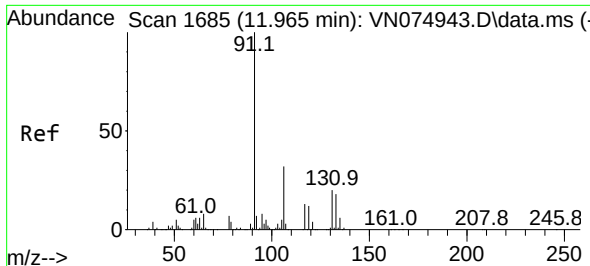
Tgt Ion: 95 Resp: 895297
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.0
176 70.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

Tgt Ion: 117 Resp: 1319102
Ion Ratio Lower Upper
117 100
82 56.3 45.6 68.4
119 32.3 25.1 37.7

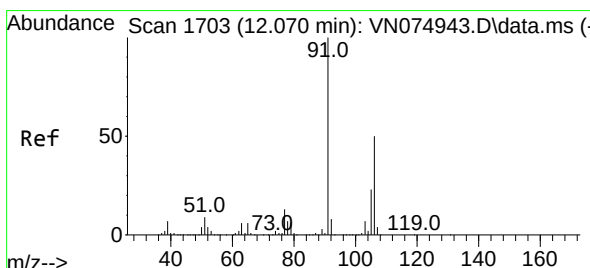
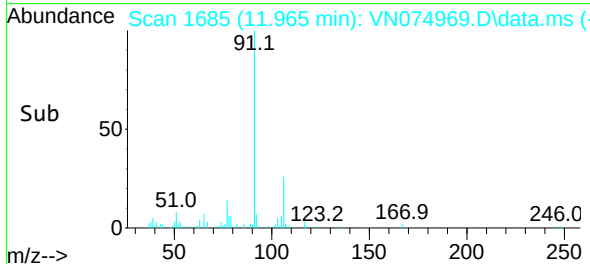
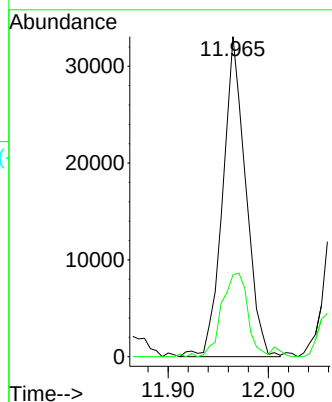
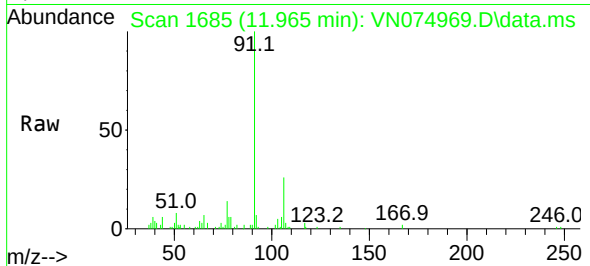




#67
Ethyl Benzene
Concen: 0.741 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

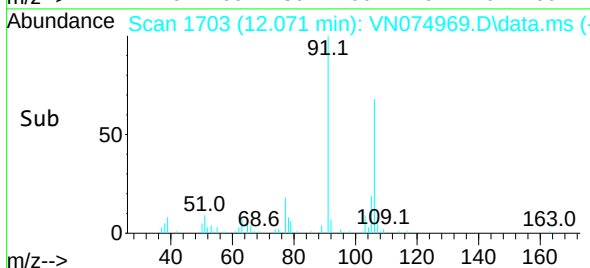
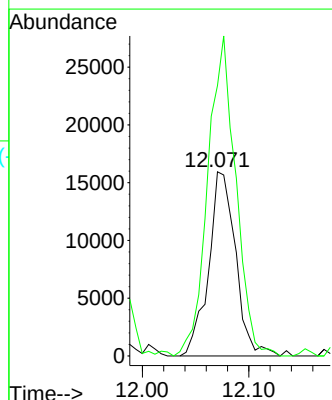
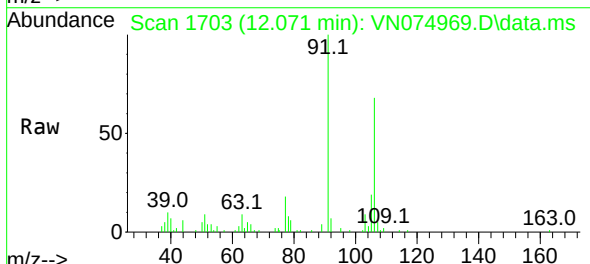
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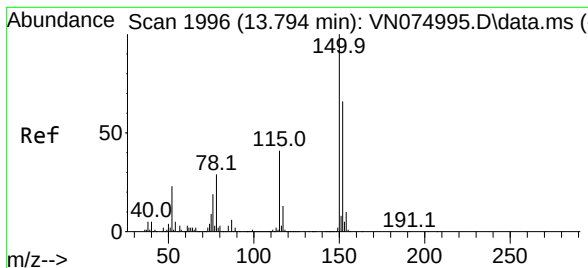
Tgt Ion: 91 Resp: 52462
Ion Ratio Lower Upper
91 100
106 24.8 25.4 38.2#



#68
m/p-Xylenes
Concen: 1.020 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074969.D
Acq: 21 Oct 2022 18:12

Tgt Ion: 106 Resp: 28166
Ion Ratio Lower Upper
106 100
91 179.5 159.7 239.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN074969.D

Acq: 21 Oct 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

MW-1A

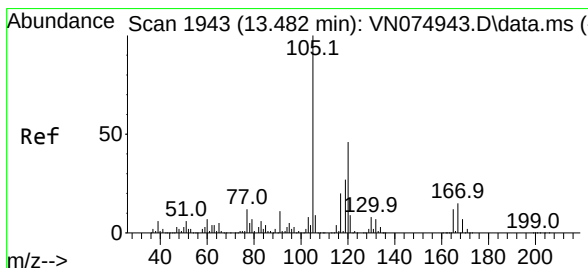
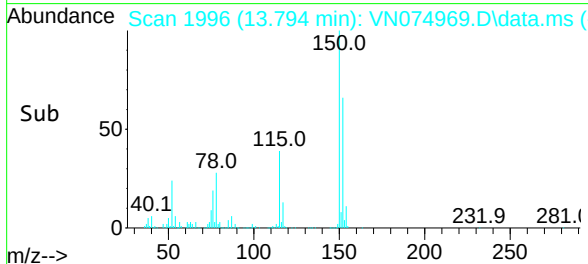
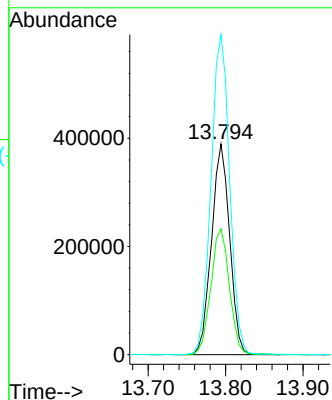
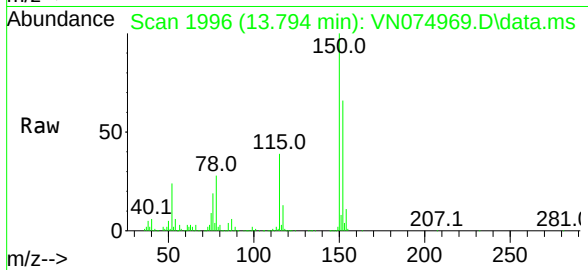
Tgt Ion:152 Resp: 634513

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 155.8 0.0 349.6



#84

1,2,4-Trimethylbenzene

Concen: 1.081 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN074969.D

Acq: 21 Oct 2022 18:12

Tgt Ion:105 Resp: 48884

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.5

