

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074141.D
 Acq On : 26 Aug 2022 17:23
 Operator : JC\MD
 Sample : N4297-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW305D-20220820

Quant Time: Aug 27 00:21:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

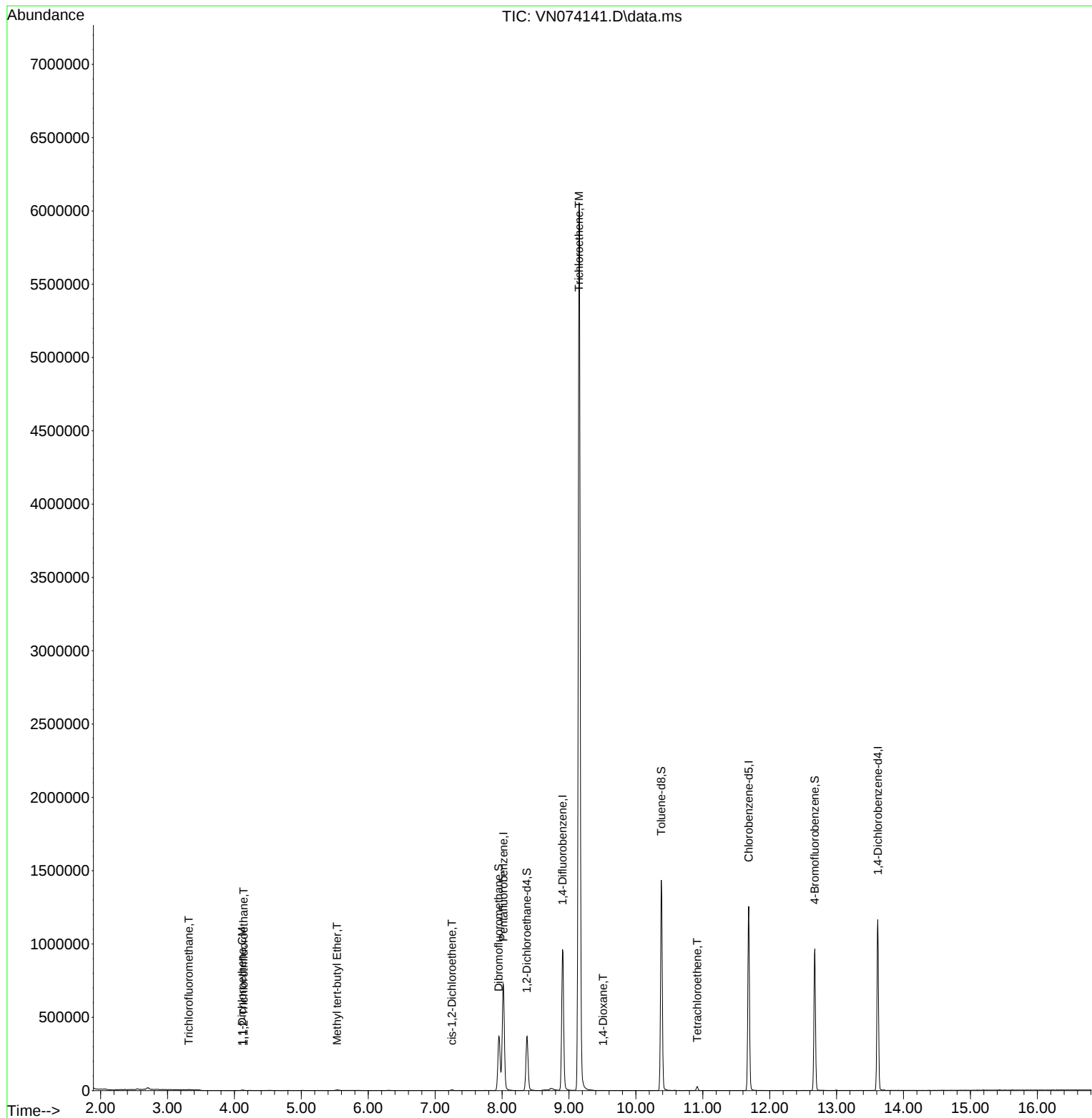
Internal Standards						
1) Pentafluorobenzene	8.022	168	607599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	909604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	768569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	339139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	311379	52.616	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.240%	
35) Dibromofluoromethane	7.951	113	277697	51.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	10.380	98	1030613	49.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	12.674	95	320102	46.296	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.600%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.316	101	2716	0.306	ug/l	# 68
9) 1,1,2-Trichlorotrifluo...	4.140	101	1653	0.321	ug/l	92
12) 1,1-Dichloroethene	4.116	96	2199	0.459	ug/l	88
19) Methyl tert-butyl Ether	5.534	73	6436	0.373	ug/l	95
27) cis-1,2-Dichloroethene	7.251	96	3008	0.461	ug/l	91
44) Trichloroethene	9.151	130	2413267	354.314	ug/l	99
49) 1,4-Dioxane	9.510	88	233	1.420	ug/l	# 8
64) Tetrachloroethene	10.916	164	6805	1.122	ug/l	96

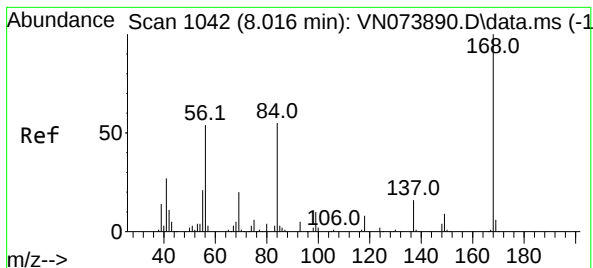
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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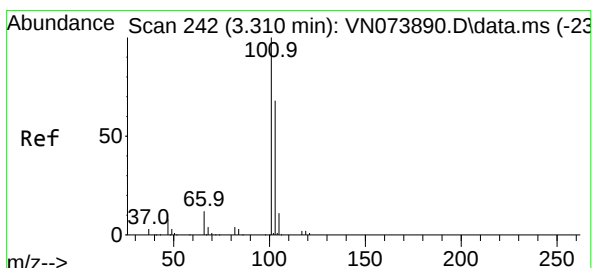
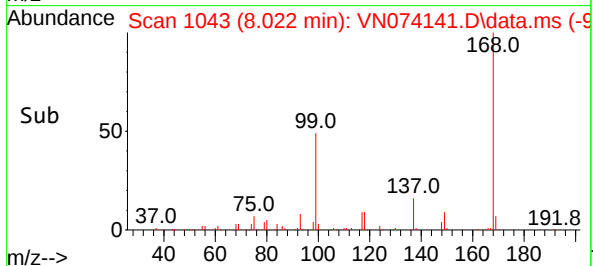
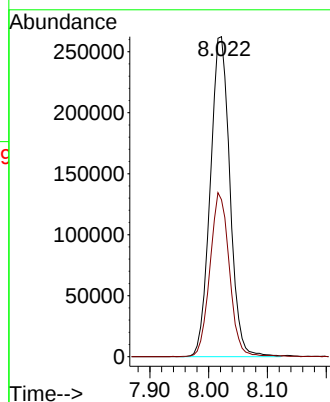
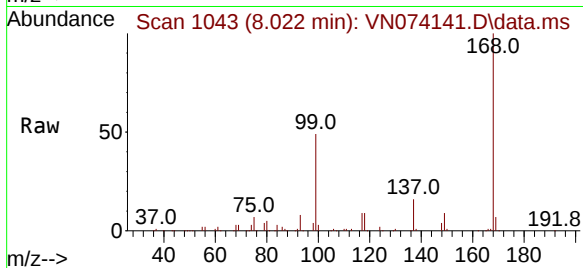




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

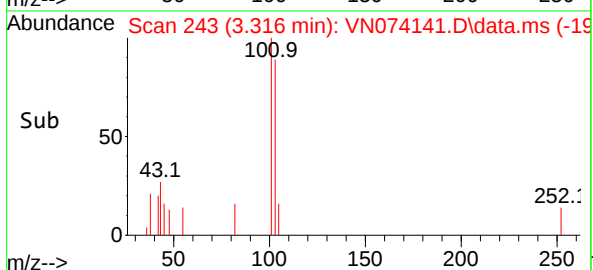
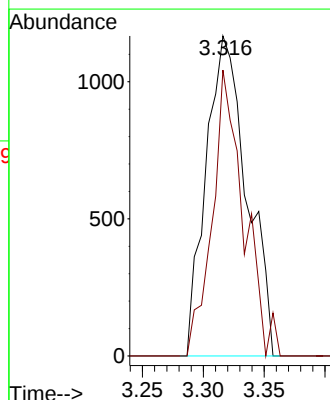
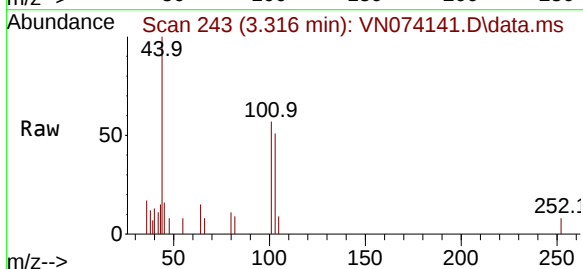
Instrument :
MSVOA_N
ClientSampleId :
MW305D-20220820

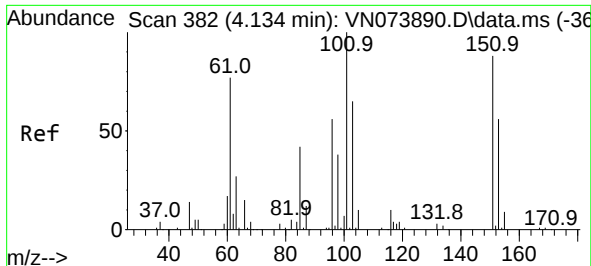
Tgt Ion:168 Resp: 607599
Ion Ratio Lower Upper
168 100
99 49.0 42.3 63.5



#7
Trichlorofluoromethane
Concen: 0.306 ug/l
RT: 3.316 min Scan# 243
Delta R.T. 0.006 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

Tgt Ion:101 Resp: 2716
Ion Ratio Lower Upper
101 100
103 89.4 51.5 77.3#

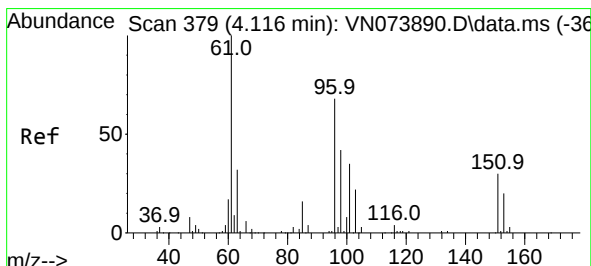
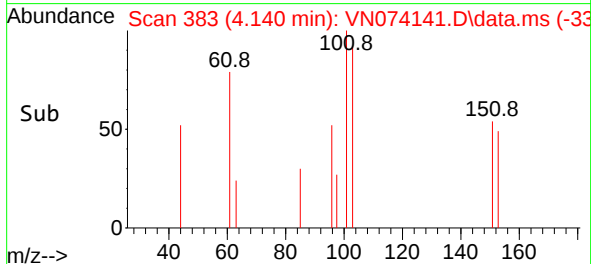
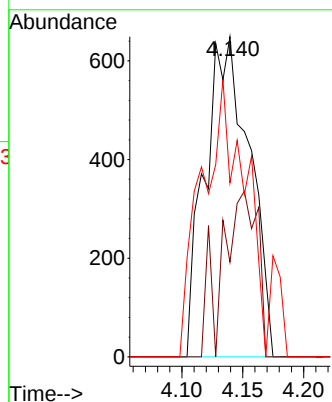
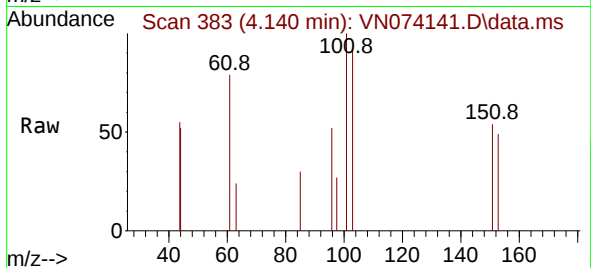




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.321 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

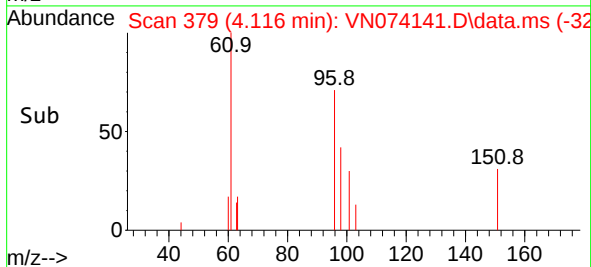
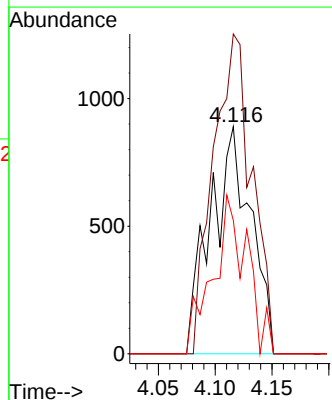
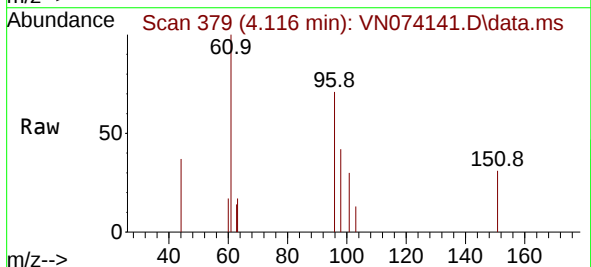
Instrument :
MSVOA_N
ClientSampleId :
MW305D-20220820

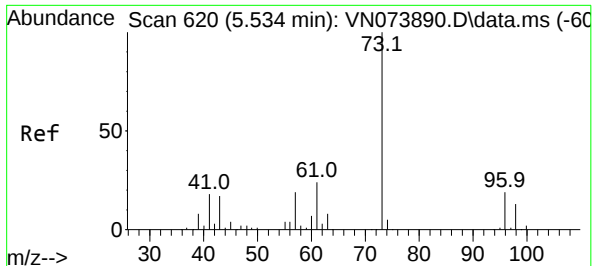
Tgt Ion:101 Resp: 1653
Ion Ratio Lower Upper
101 100
85 35.8 34.7 52.1
151 83.8 63.0 94.4



#12
1,1-Dichloroethene
Concen: 0.459 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

Tgt Ion: 96 Resp: 2199
Ion Ratio Lower Upper
96 100
61 140.8 127.6 191.4
98 58.8 51.2 76.8





#19

Methyl tert-butyl Ether

Concen: 0.373 ug/l

RT: 5.534 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN074141.D

Acq: 26 Aug 2022 17:23

Instrument :

MSVOA_N

ClientSampleId :

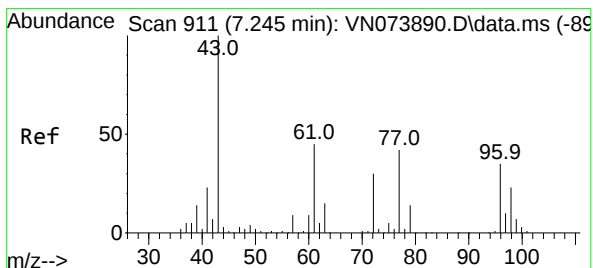
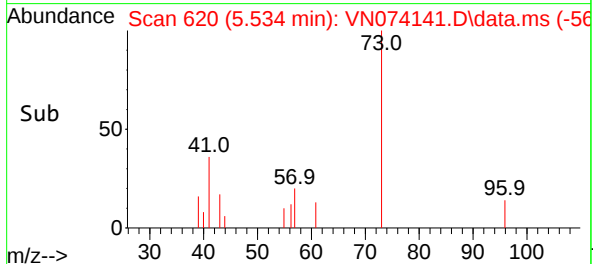
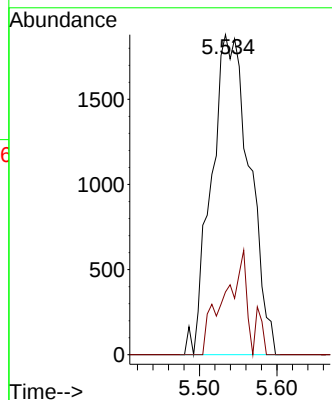
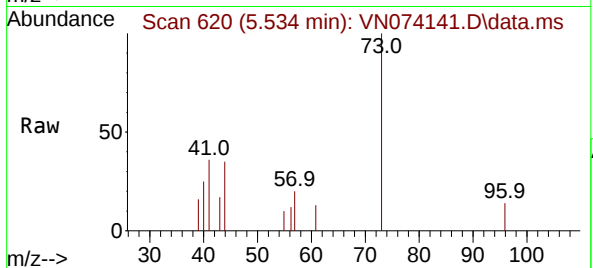
MW305D-20220820

Tgt Ion: 73 Resp: 6436

Ion Ratio Lower Upper

73 100

57 19.6 17.6 26.4



#27

cis-1,2-Dichloroethene

Concen: 0.461 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: VN074141.D

Acq: 26 Aug 2022 17:23

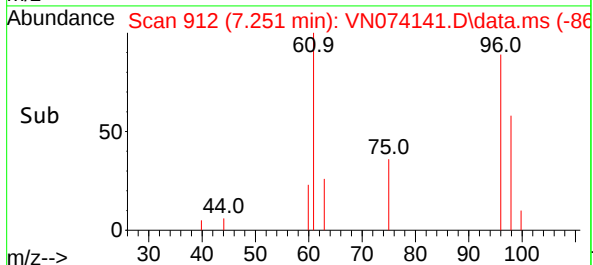
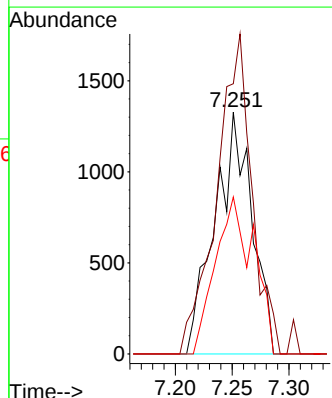
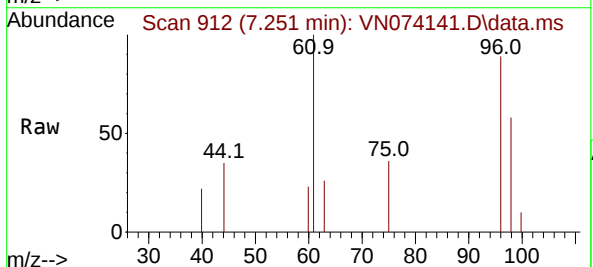
Tgt Ion: 96 Resp: 3008

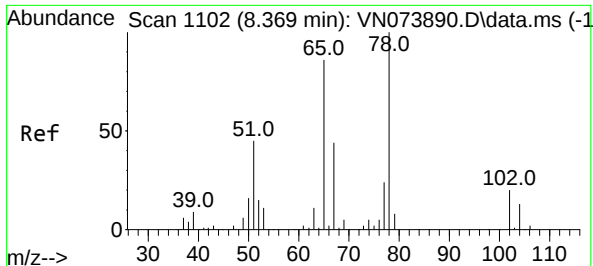
Ion Ratio Lower Upper

96 100

61 125.6 0.0 280.6

98 67.1 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 52.616 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074141.D

Acq: 26 Aug 2022 17:23

Instrument :

MSVOA_N

ClientSampleId :

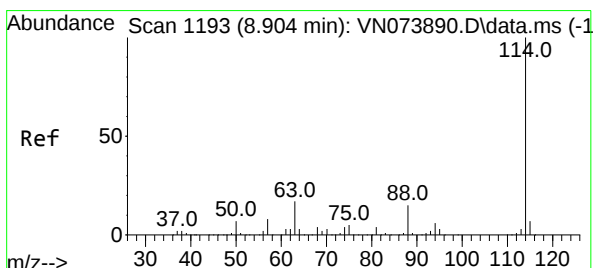
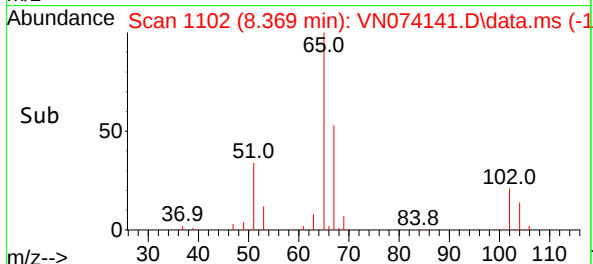
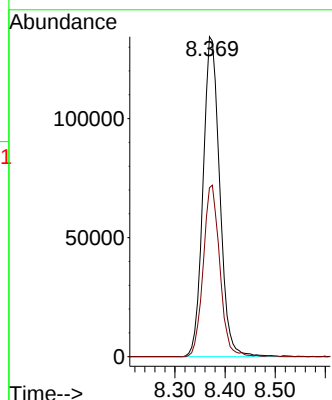
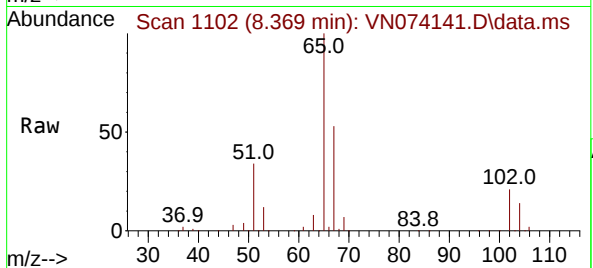
MW305D-20220820

Tgt Ion: 65 Resp: 311379

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074141.D

Acq: 26 Aug 2022 17:23

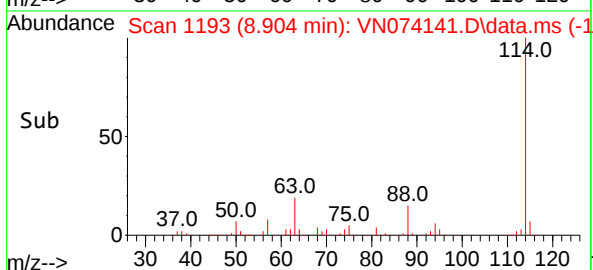
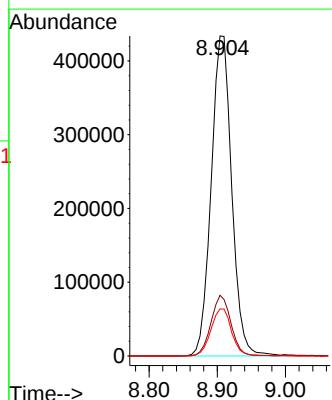
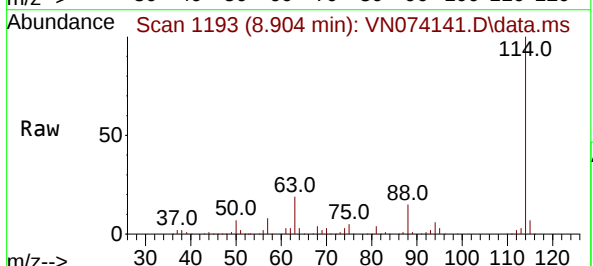
Tgt Ion: 114 Resp: 909604

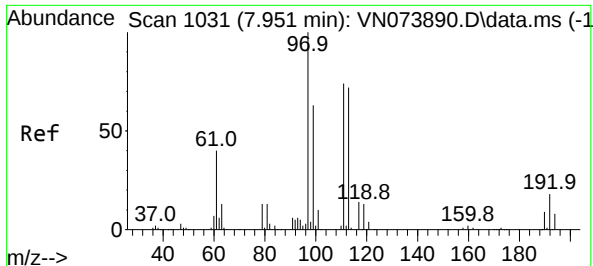
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 14.7 0.0 32.6

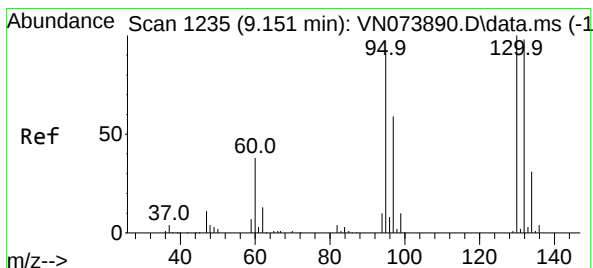
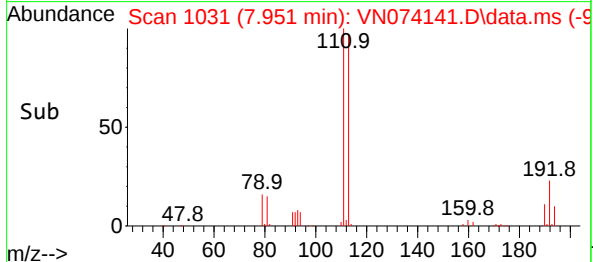
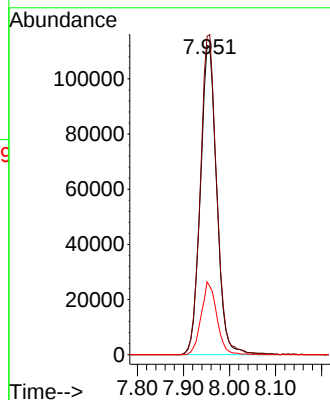
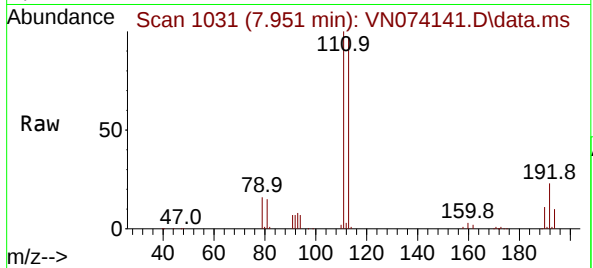




#35
Dibromofluoromethane
Concen: 51.623 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

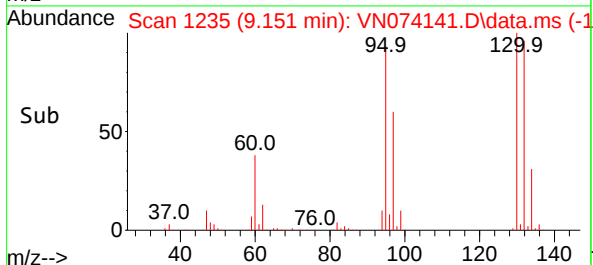
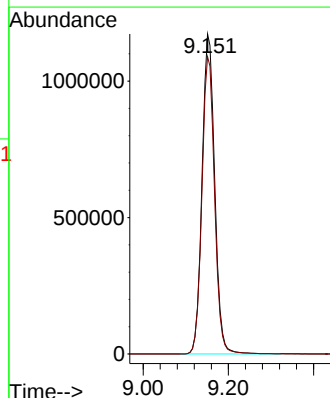
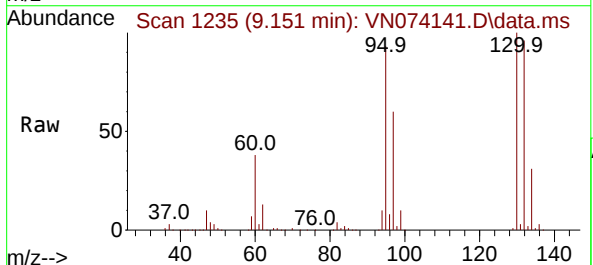
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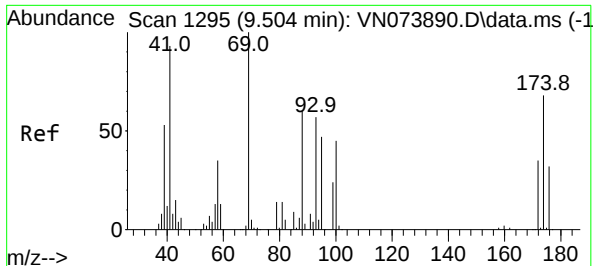
Tgt Ion:113 Resp: 277697
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 22.3 17.0 25.6



#44
Trichloroethene
Concen: 354.314 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

Tgt Ion:130 Resp: 2413267
Ion Ratio Lower Upper
130 100
95 92.9 0.0 186.8





#49

1,4-Dioxane

Concen: 1.420 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN074141.D

Acq: 26 Aug 2022 17:23

Instrument :

MSVOA_N

ClientSampleId :

MW305D-20220820

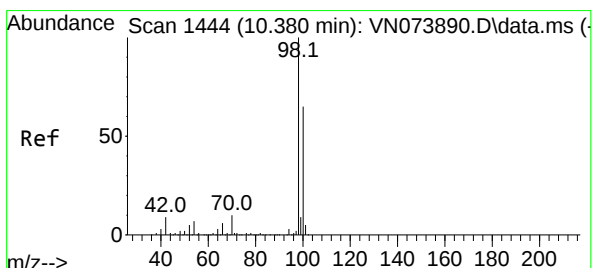
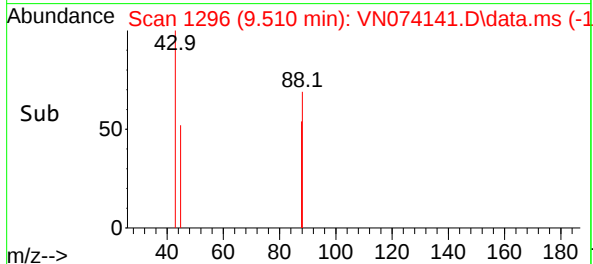
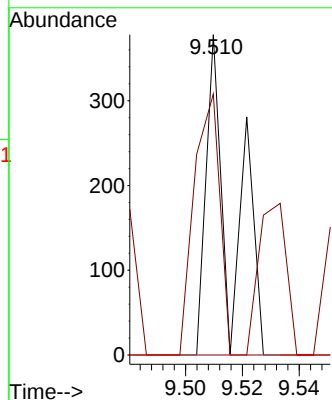
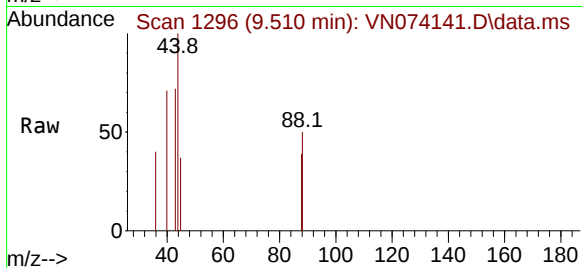
Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

43 82.4 20.2 30.4#

58 0.0 54.2 81.4#



#50

Toluene-d8

Concen: 49.469 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074141.D

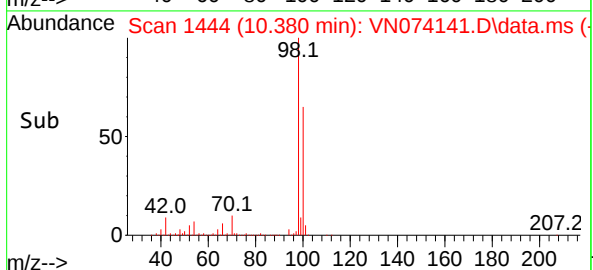
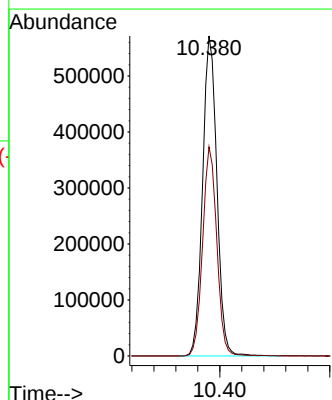
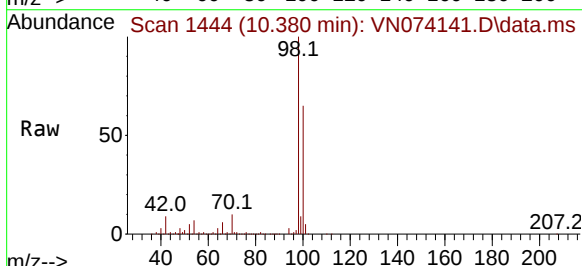
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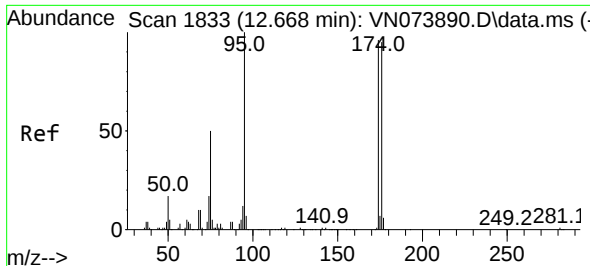
Tgt Ion: 98 Resp: 1030613

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

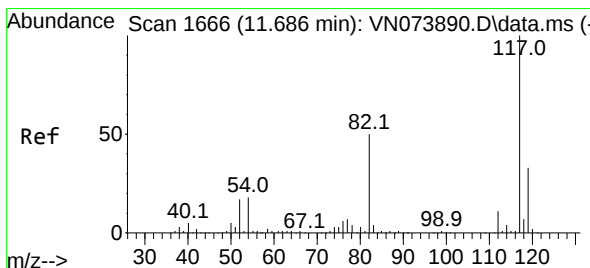
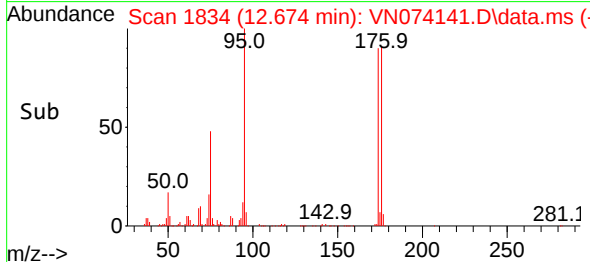
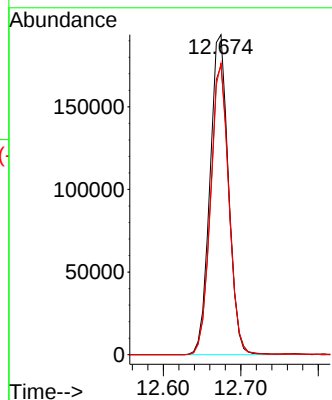
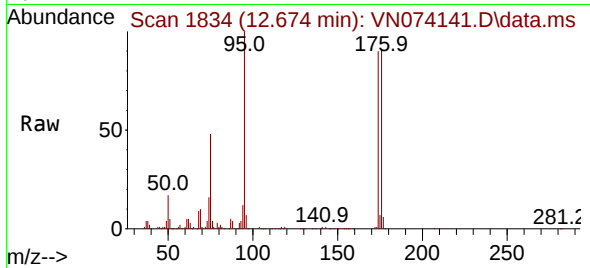




#62
4-Bromofluorobenzene
Concen: 46.296 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

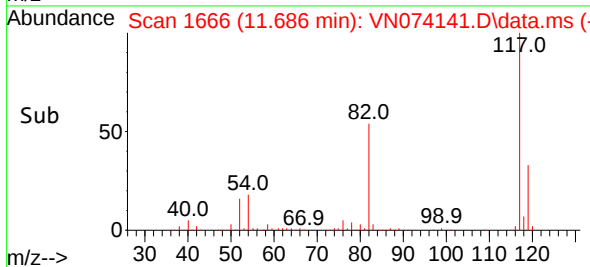
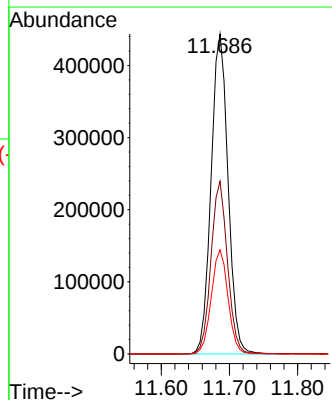
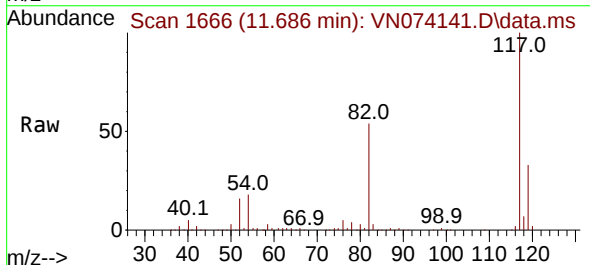
Instrument :
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MW305D-20220820

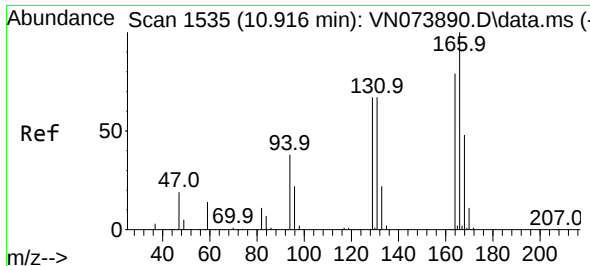
Tgt Ion: 95 Resp: 320102
Ion Ratio Lower Upper
95 100
174 90.9 0.0 167.6
176 89.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

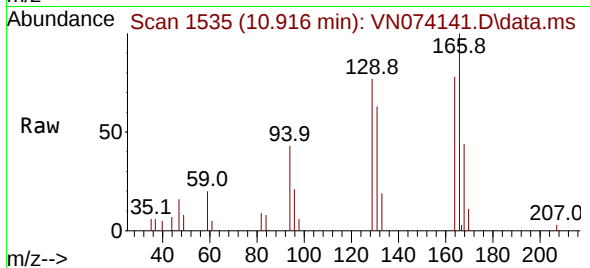
Tgt Ion: 117 Resp: 768569
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.5 25.4 38.0



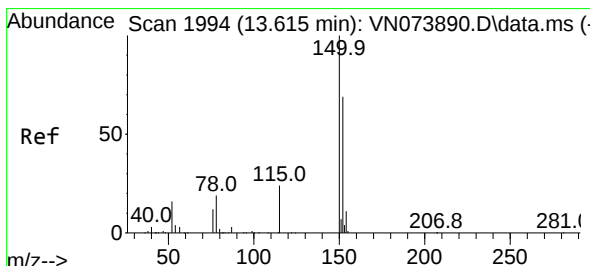
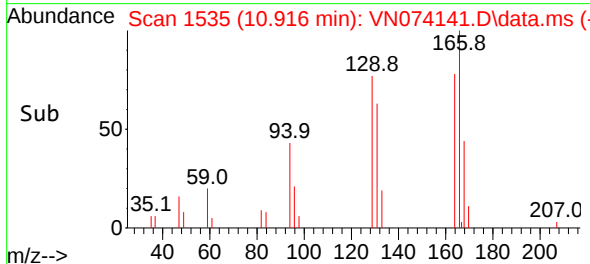
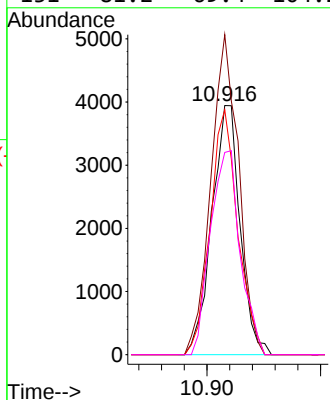


#64
Tetrachloroethene
Concen: 1.122 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

Instrument :
MSVOA_N
ClientSampleId :
MW305D-20220820



Tgt Ion:164 Resp: 6805
Ion Ratio Lower Upper
164 100
166 128.4 104.2 156.2
129 98.4 73.9 110.9
131 81.2 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074141.D
Acq: 26 Aug 2022 17:23

Tgt Ion:152 Resp: 339139
Ion Ratio Lower Upper
152 100
115 55.2 28.9 86.7
150 156.9 0.0 356.2

