

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074142.D
 Acq On : 26 Aug 2022 17:48
 Operator : JC\MD
 Sample : N4297-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW305I-20220820

Quant Time: Aug 27 00:21:59 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

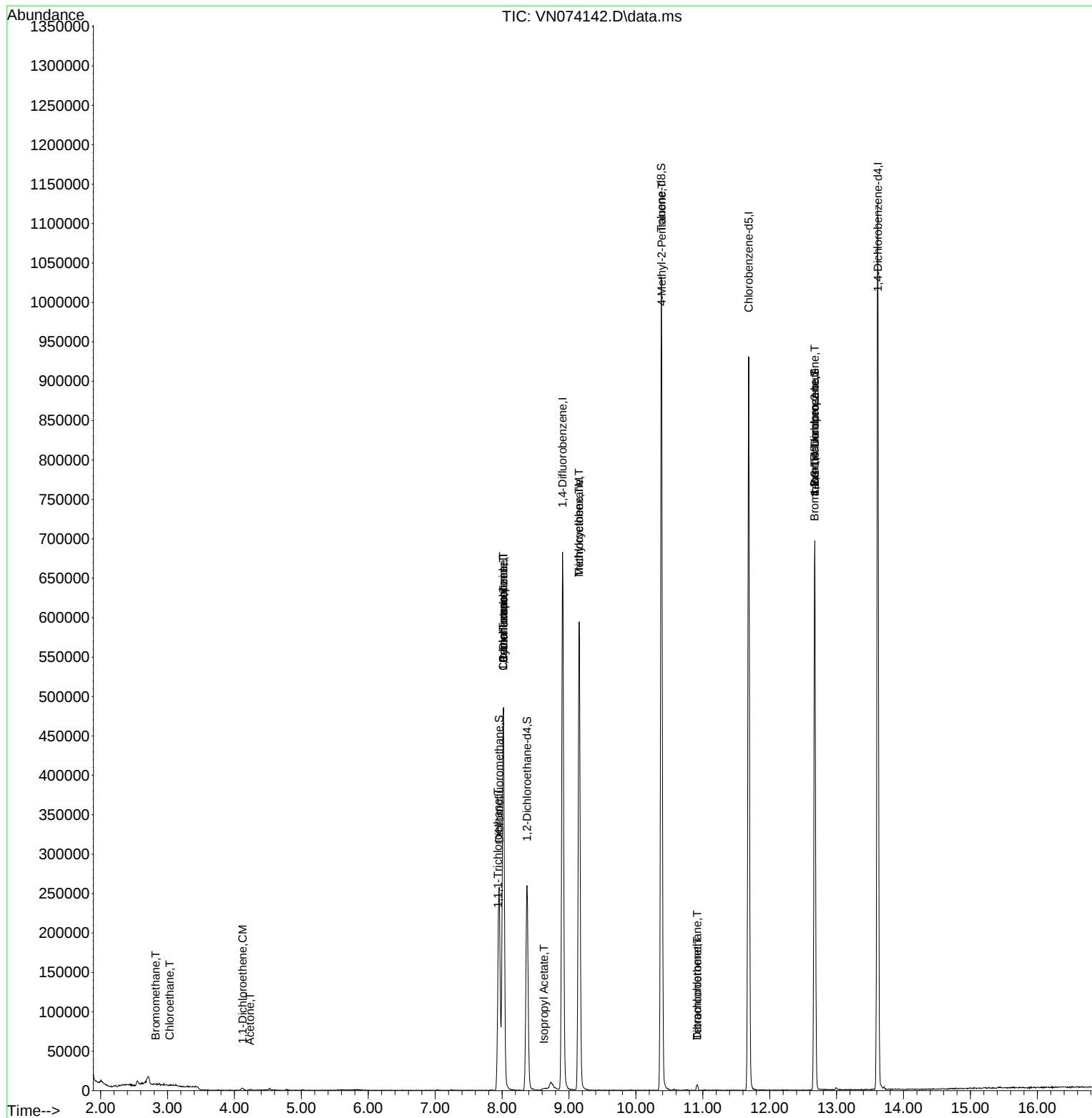
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.022	168	387986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	625901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	548172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	325190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	219805	58.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.340%
35) Dibromofluoromethane	7.957	113	193586	52.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.600%
50) Toluene-d8	10.380	98	717827	50.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.674	95	220174	46.277	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%
Target Compounds						Qvalue
5) Bromomethane	2.822	94	1265	0.461	ug/l #	73
6) Chloroethane	3.034	64	848	0.273	ug/l #	42
12) 1,1-Dichloroethene	4.122	96	1651	0.539	ug/l #	66
16) Acetone	4.234	43	1842	1.033	ug/l #	81
18) Methyl Acetate	4.787	43	1771	Below Cal	#	76
31) Cyclohexane	8.022	56	7379	1.401	ug/l #	4
32) 1,1,1-Trichloroethane	7.939	97	2806	0.473	ug/l #	49
36) 1,1-Dichloropropene	8.016	75	28001	5.446	ug/l #	49
38) Carbon Tetrachloride	8.016	117	37340	6.354	ug/l #	17
39) Methylcyclohexane	9.151	83	3168	0.492	ug/l #	1
43) Isopropyl Acetate	8.628	43	1958	0.221	ug/l #	53
44) Trichloroethene	9.151	130	229508	48.970	ug/l	100
51) 4-Methyl-2-Pentanone	10.386	43	2811	0.469	ug/l #	1
60) Dibromochloromethane	10.916	129	1502	0.314	ug/l #	11
64) Tetrachloroethene	10.916	164	1839	0.425	ug/l	90
71) Bromoform	12.669	173	1640	0.416	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	113449	16.785	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	113449	47.739	ug/l #	10

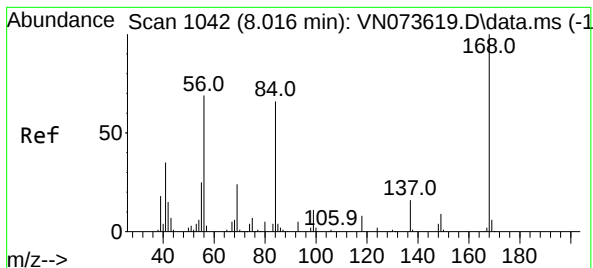
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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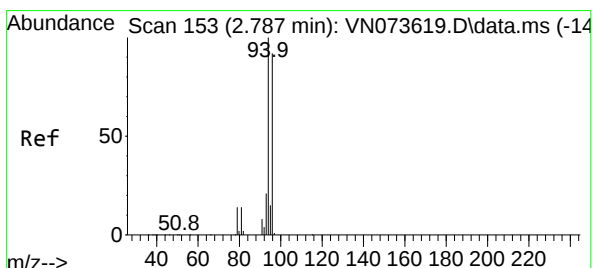
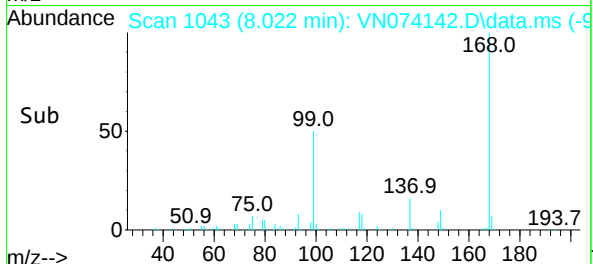
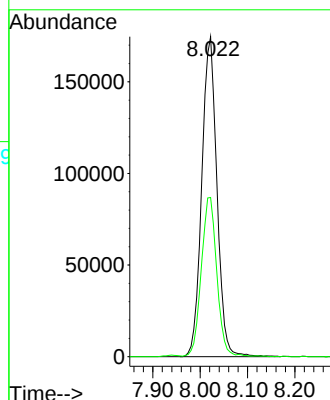
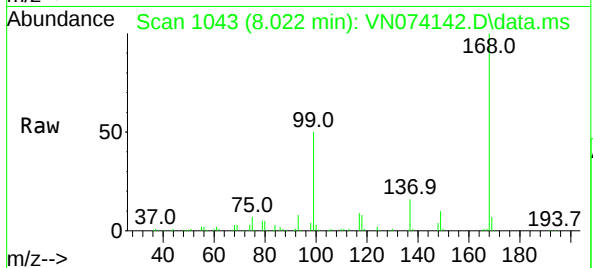




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

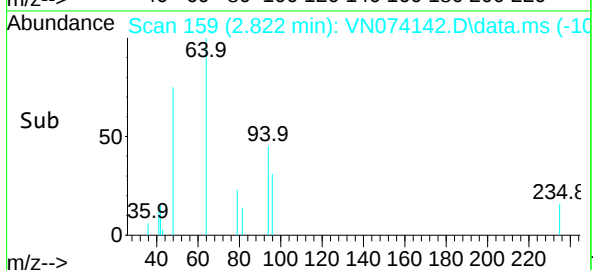
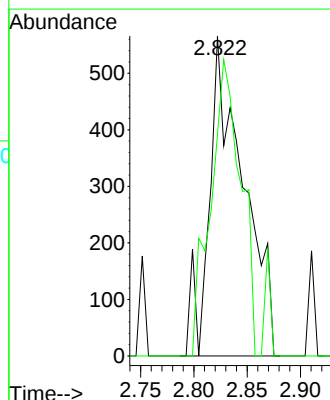
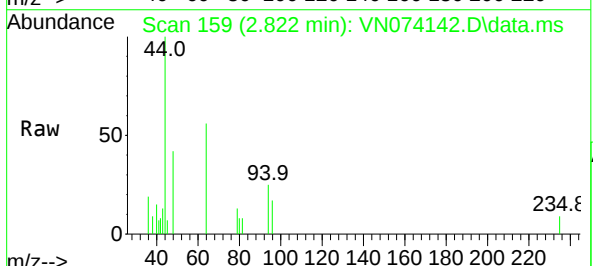
Instrument :
MSVOA_N
ClientSampleId :
MW305I-20220820

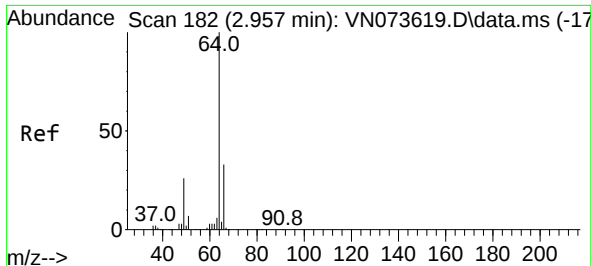
Tgt Ion:168 Resp: 387986
Ion Ratio Lower Upper
168 100
99 49.7 42.3 63.5



#5
Bromomethane
Concen: 0.461 ug/l
RT: 2.822 min Scan# 159
Delta R.T. 0.035 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 94 Resp: 1265
Ion Ratio Lower Upper
94 100
96 69.3 76.0 114.0#

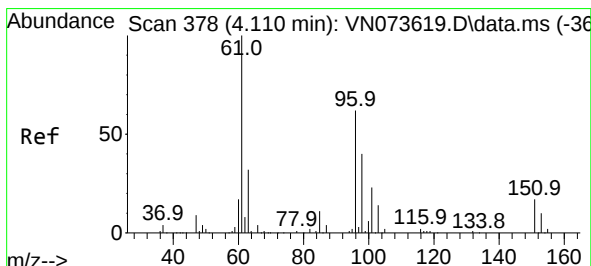
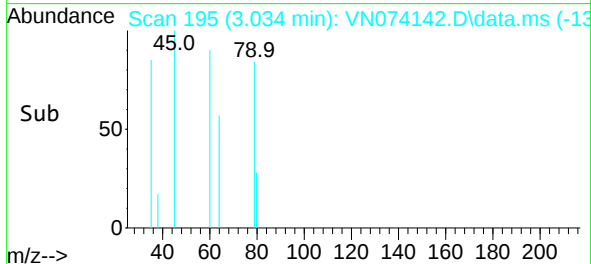
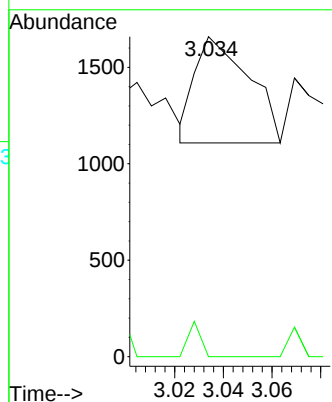
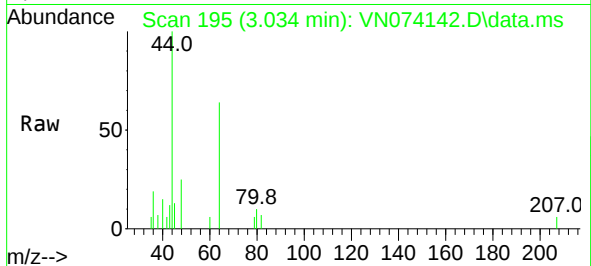




#6
Chloroethane
Concen: 0.273 ug/l
RT: 3.034 min Scan# 195
Delta R.T. 0.077 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

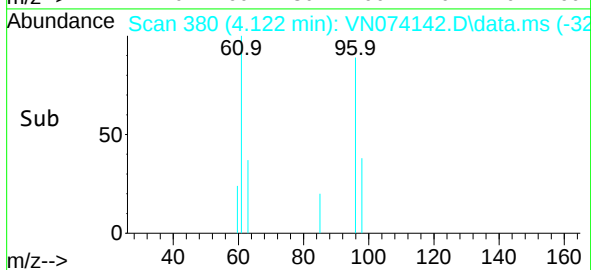
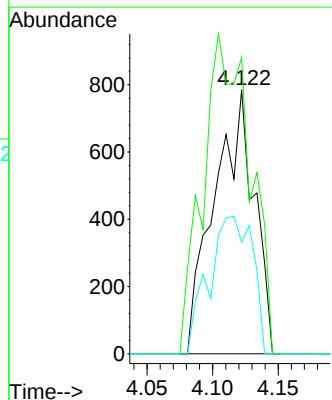
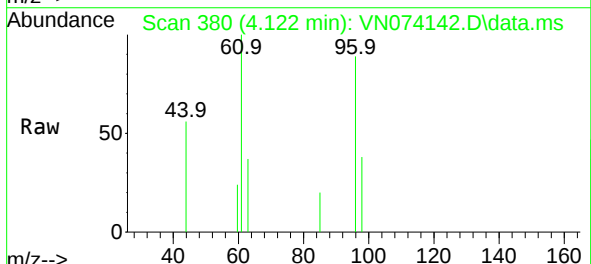
Instrument :
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ClientSampleId :
MW305I-20220820

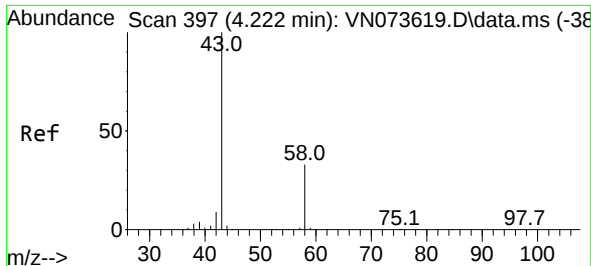
Tgt Ion: 64 Resp: 848
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.539 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 96 Resp: 1651
Ion Ratio Lower Upper
96 100
61 112.2 127.6 191.4#
98 42.3 51.2 76.8#





#16

Acetone

Concen: 1.033 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN074142.D

Acq: 26 Aug 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

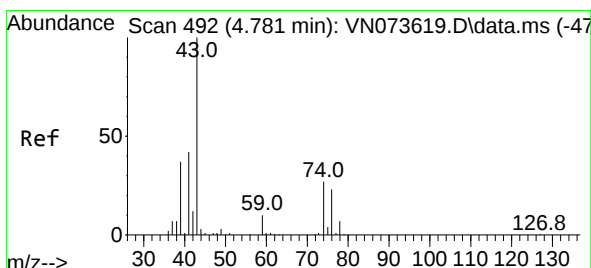
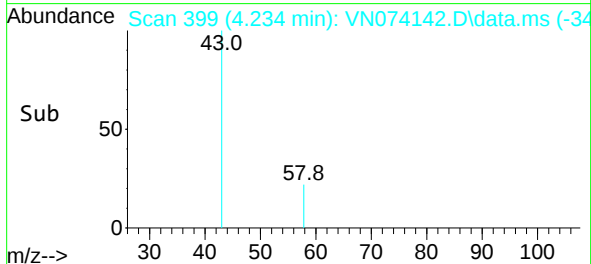
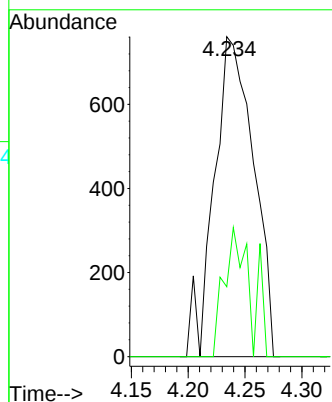
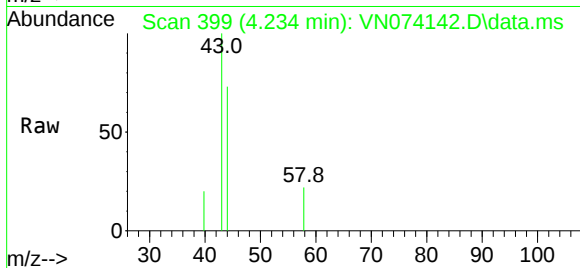
MW305I-20220820

Tgt Ion: 43 Resp: 1842

Ion Ratio Lower Upper

43 100

58 21.8 26.0 39.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.787 min Scan# 493

Delta R.T. 0.006 min

Lab File: VN074142.D

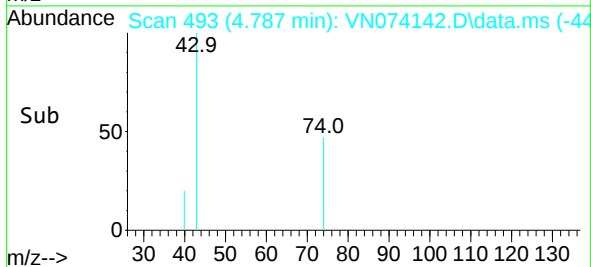
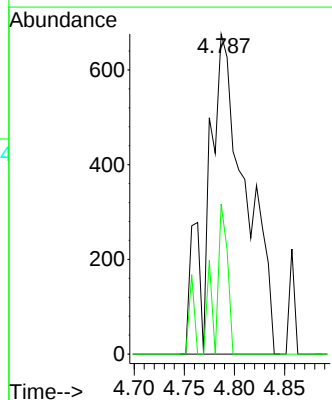
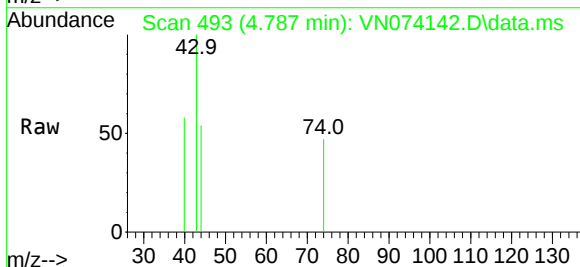
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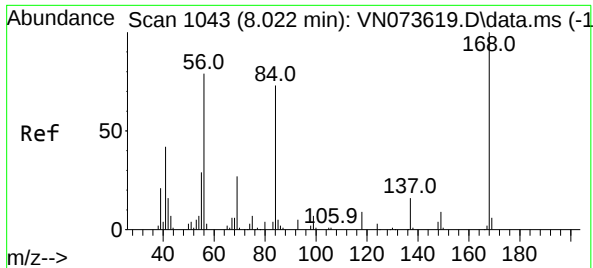
Tgt Ion: 43 Resp: 1771

Ion Ratio Lower Upper

43 100

74 14.7 21.6 32.4#

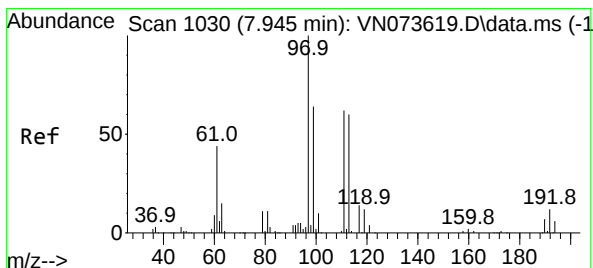
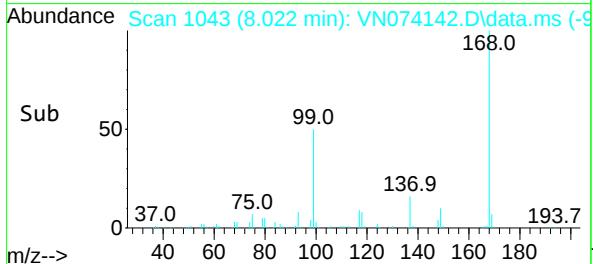
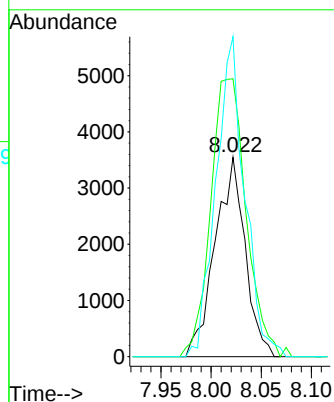
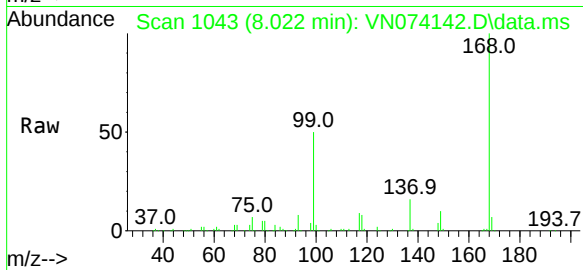




#31
Cyclohexane
Concen: 1.401 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

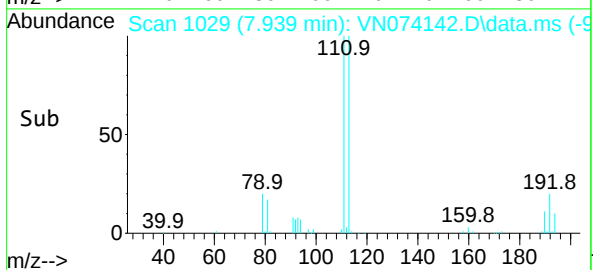
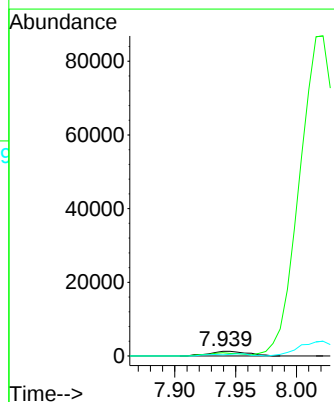
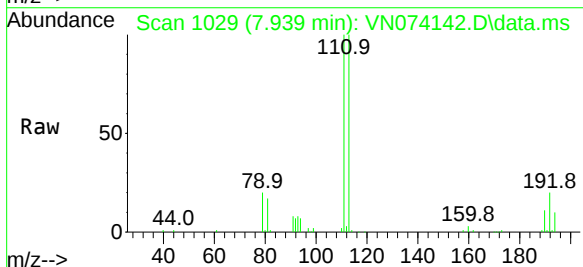
Instrument :
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MW305I-20220820

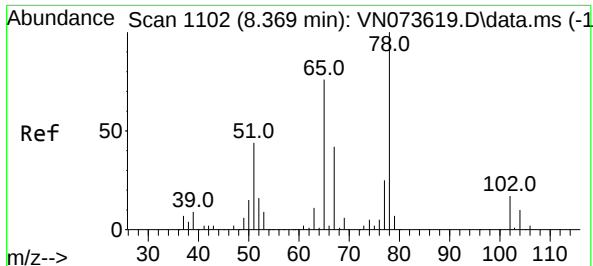
Tgt Ion: 56 Resp: 7379
Ion Ratio Lower Upper
56 100
69 139.4 27.8 41.8#
84 160.5 76.9 115.3#



#32
1,1,1-Trichloroethane
Concen: 0.473 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 97 Resp: 2806
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 40.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 58.165 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074142.D

Acq: 26 Aug 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

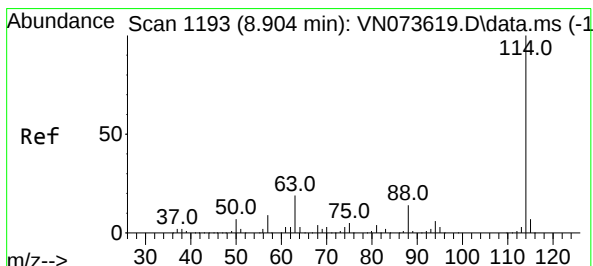
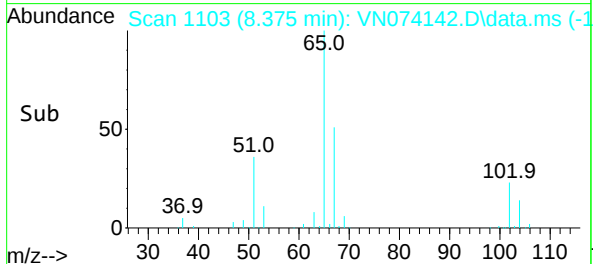
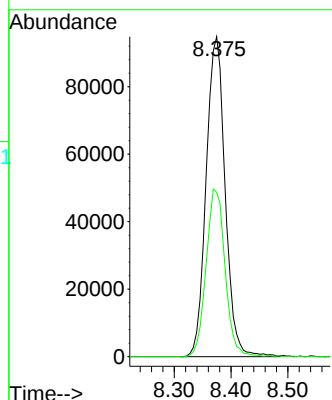
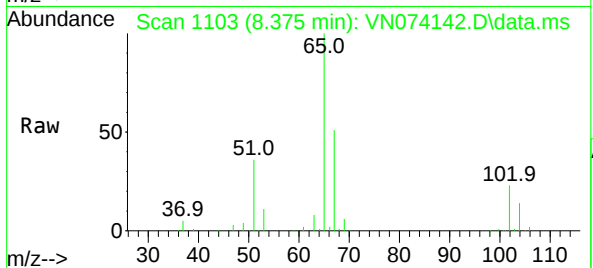
MW305I-20220820

Tgt Ion: 65 Resp: 219805

Ion Ratio Lower Upper

65 100

67 52.3 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: VN074142.D

Acq: 26 Aug 2022 17:48

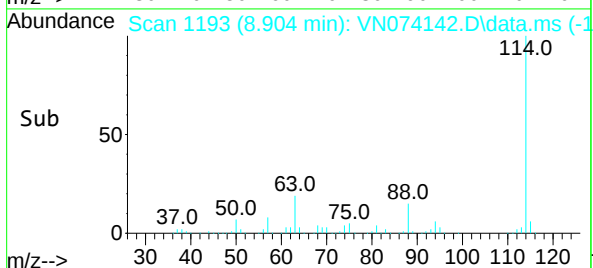
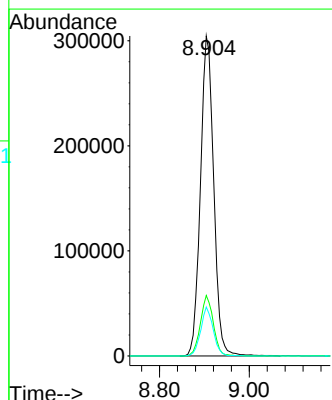
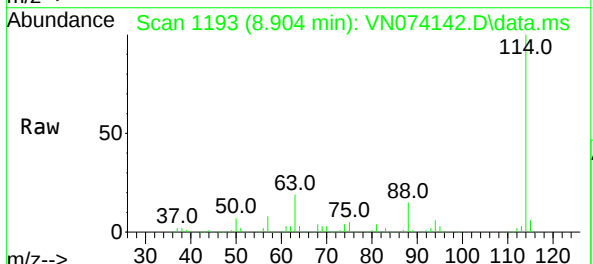
Tgt Ion: 114 Resp: 625901

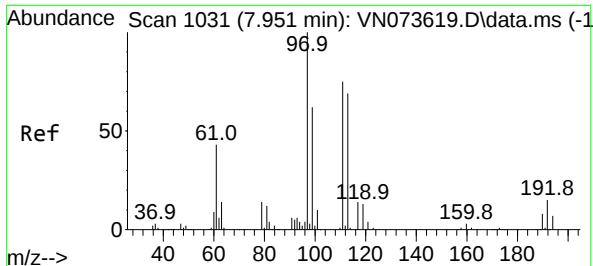
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.299 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074142.D

Acq: 26 Aug 2022 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW305I-20220820

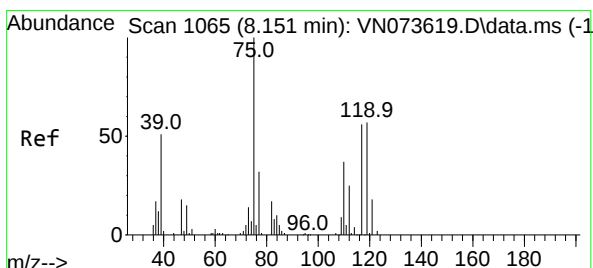
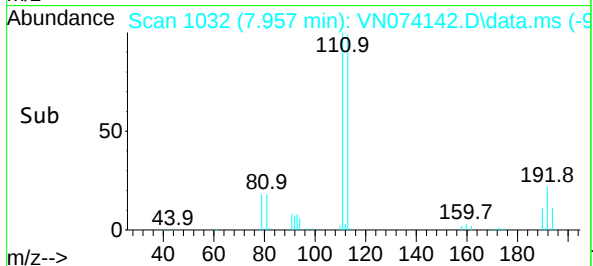
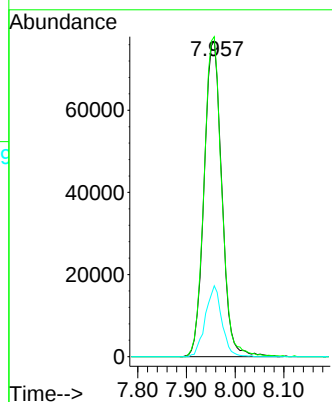
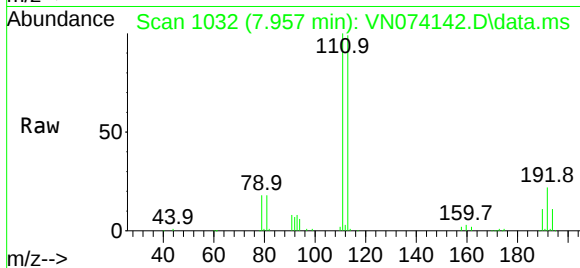
Tgt Ion:113 Resp: 193586

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 20.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.446 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074142.D

Acq: 26 Aug 2022 17:48

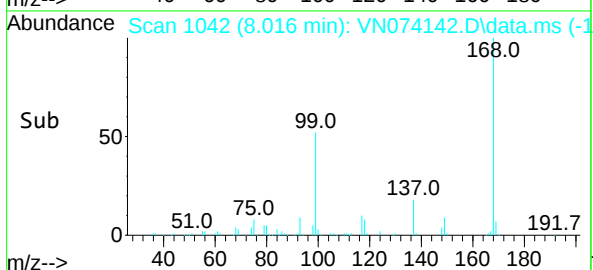
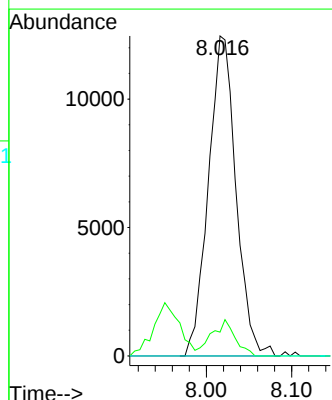
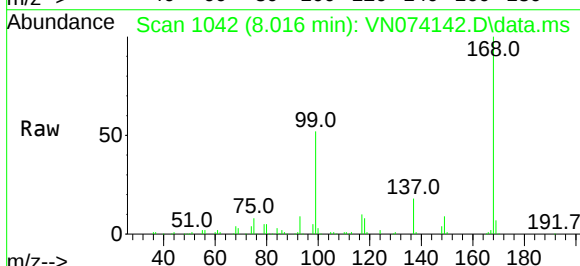
Tgt Ion: 75 Resp: 28001

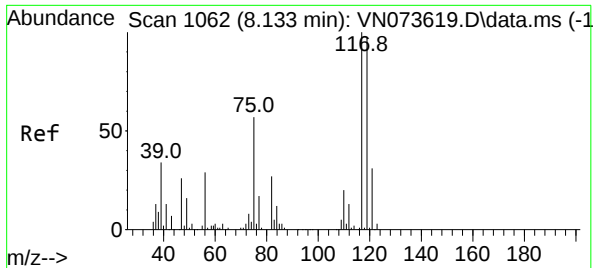
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 25.1 37.7#

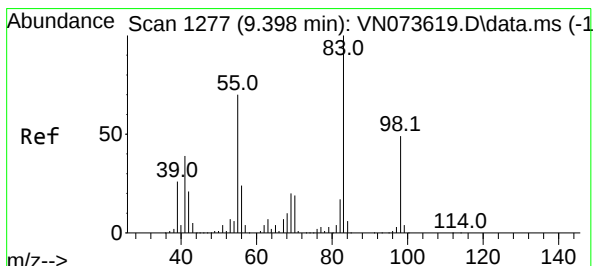
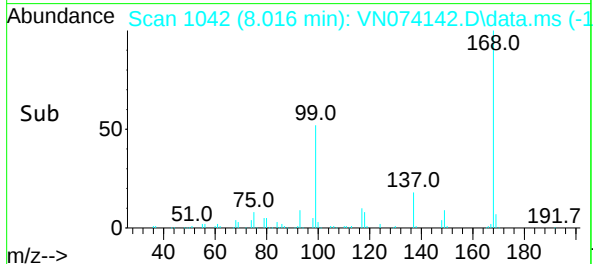
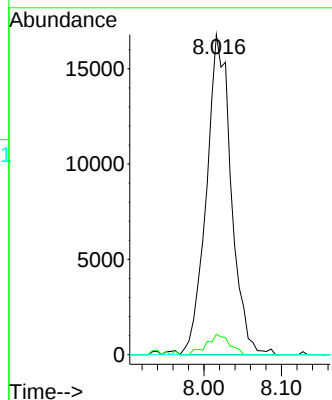
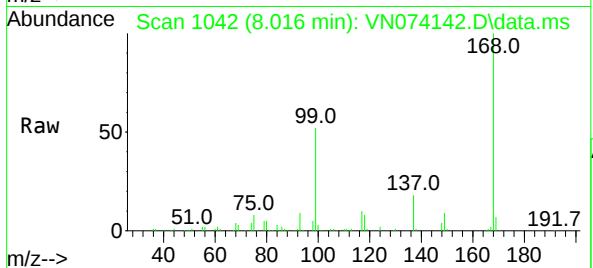




#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 8.016 min Scan# 117
Delta R.T. -0.117 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

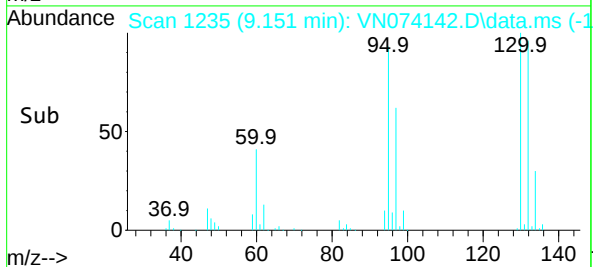
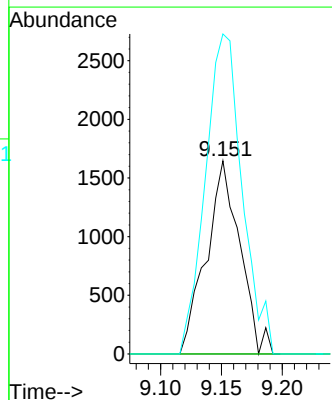
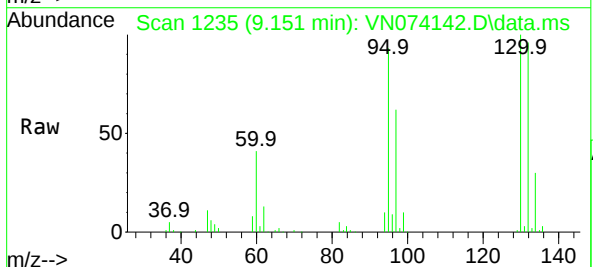
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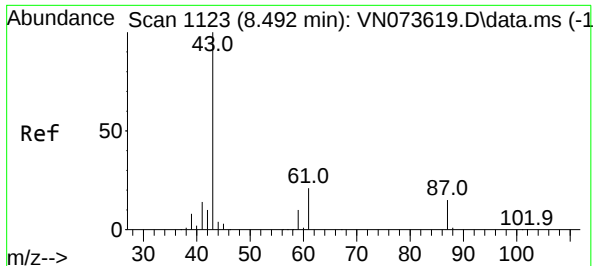
Tgt Ion:117 Resp: 37340
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.492 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.247 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 83 Resp: 3168
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 165.6 39.4 59.2#

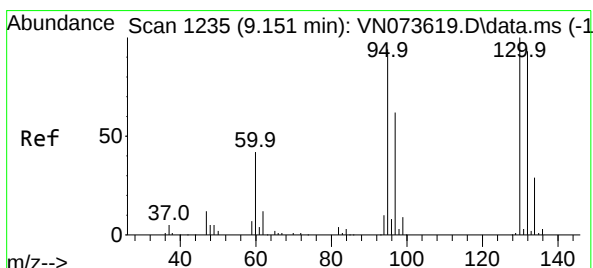
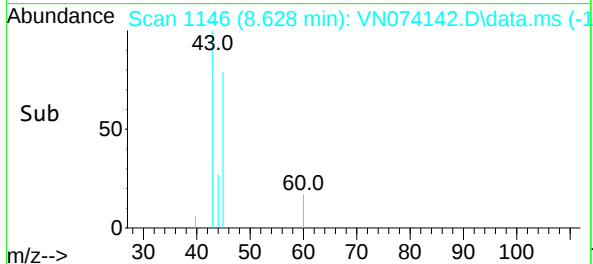
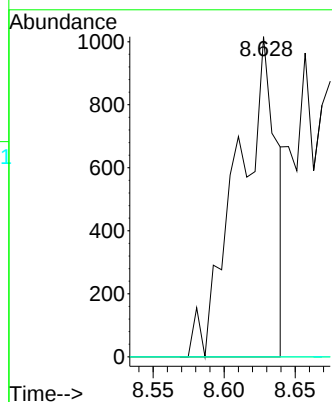
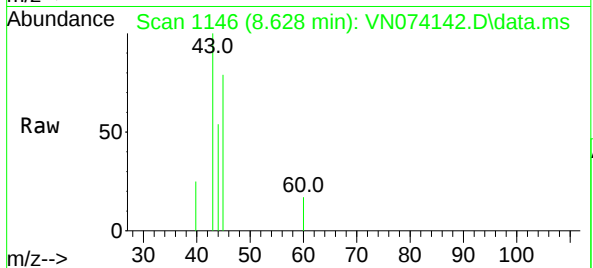




#43
Isopropyl Acetate
Concen: 0.221 ug/l
RT: 8.628 min Scan# 1146
Delta R.T. 0.136 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

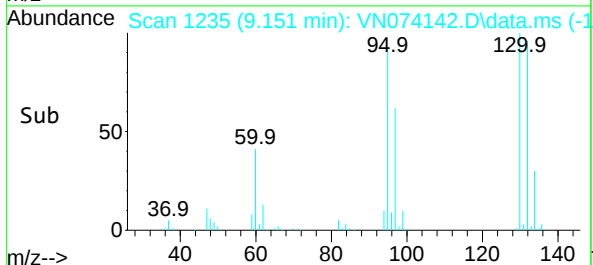
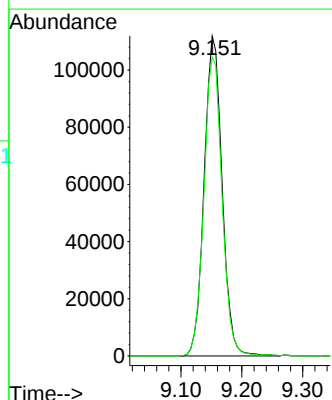
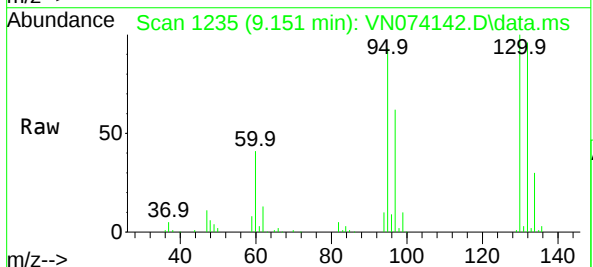
Instrument :
MSVOA_N
ClientSampleId :
MW305I-20220820

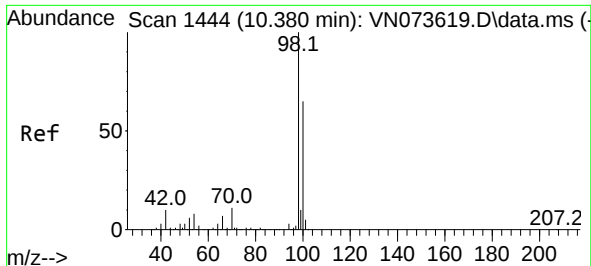
Tgt Ion: 43 Resp: 1958
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 48.970 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion:130 Resp: 229508
Ion Ratio Lower Upper
130 100
95 93.5 0.0 186.8

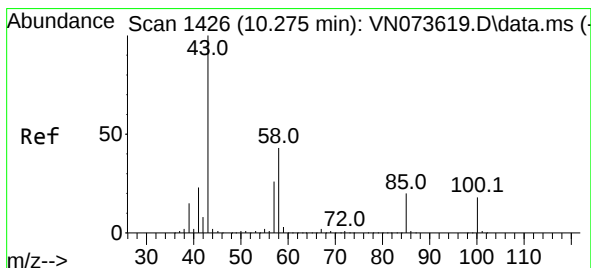
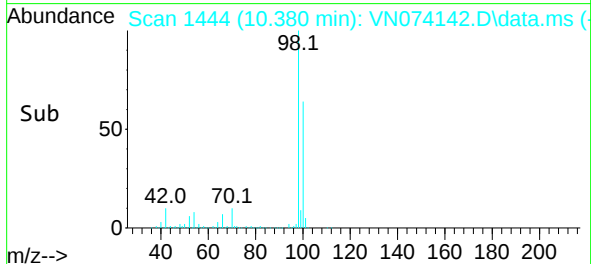
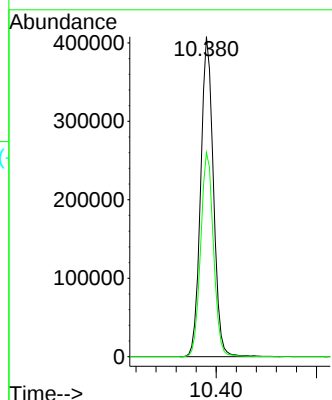
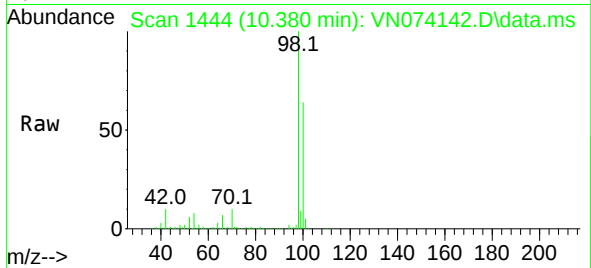




#50
Toluene-d8
Concen: 50.073 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

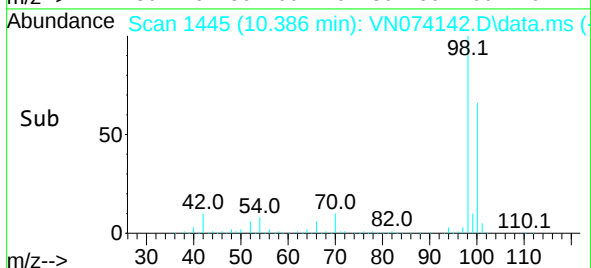
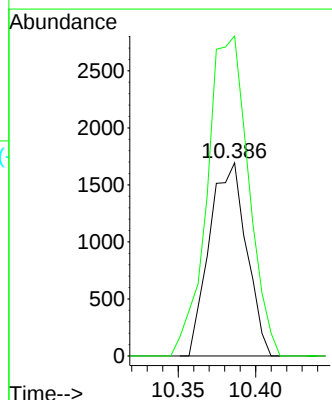
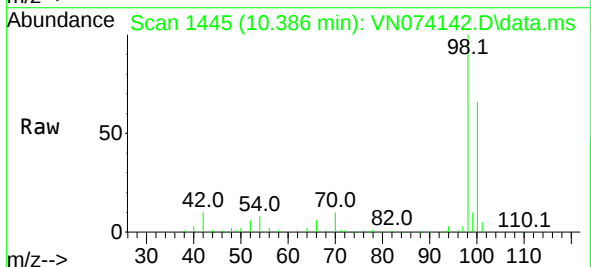
Instrument :
MSVOA_N
ClientSampleId :
MW305I-20220820

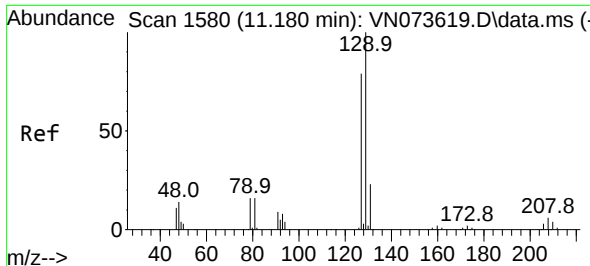
Tgt Ion: 98 Resp: 717827
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 10.386 min Scan# 1445
Delta R.T. 0.111 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 43 Resp: 2811
Ion Ratio Lower Upper
43 100
58 185.1 34.1 51.1#

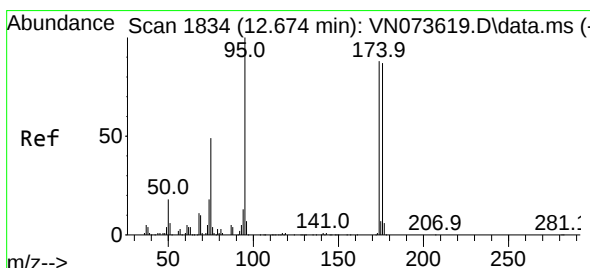
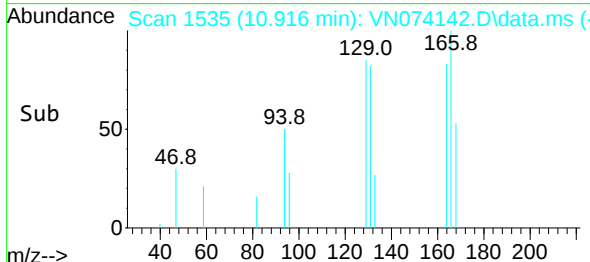
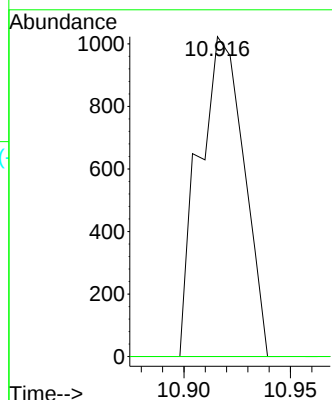
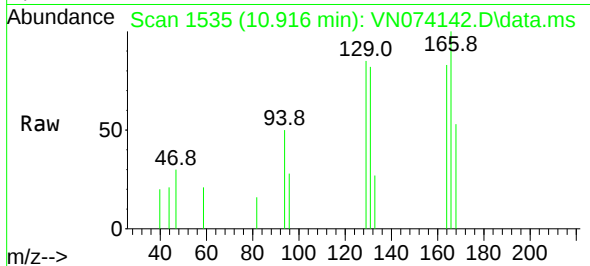




#60
Dibromochloromethane
Concen: 0.314 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.264 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

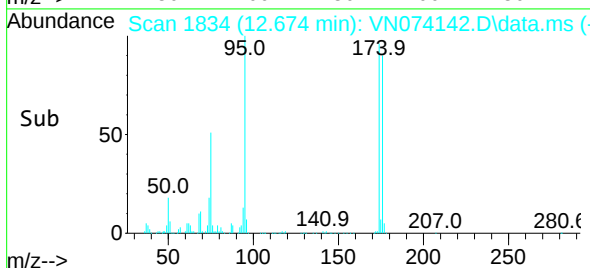
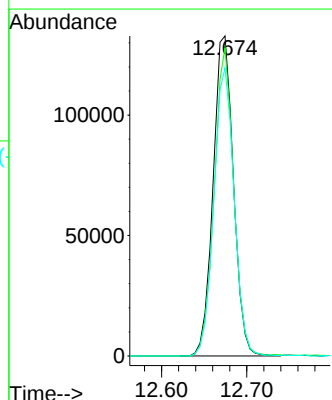
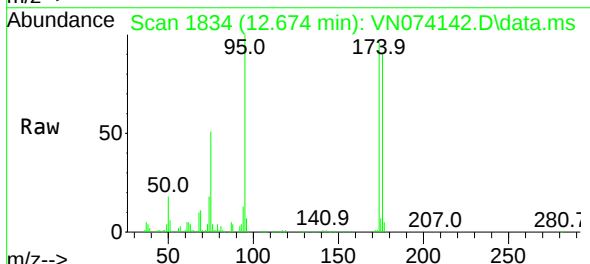
Instrument :
MSVOA_N
ClientSampleId :
MW305I-20220820

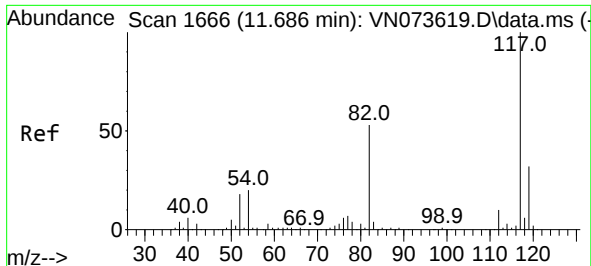
Tgt Ion:129 Resp: 1502
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.277 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 95 Resp: 220174
Ion Ratio Lower Upper
95 100
174 92.5 0.0 167.6
176 89.4 0.0 163.4

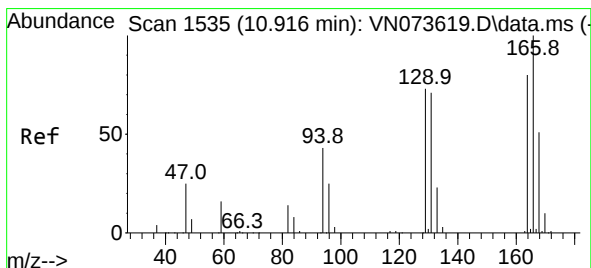
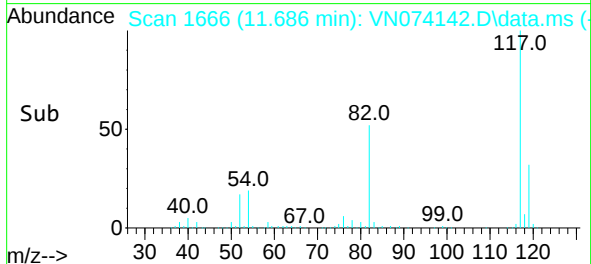
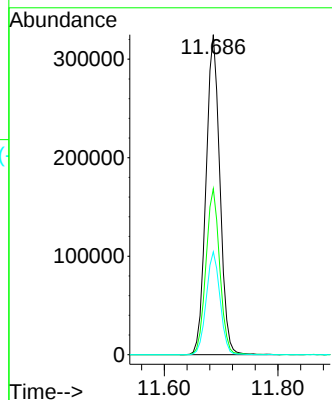
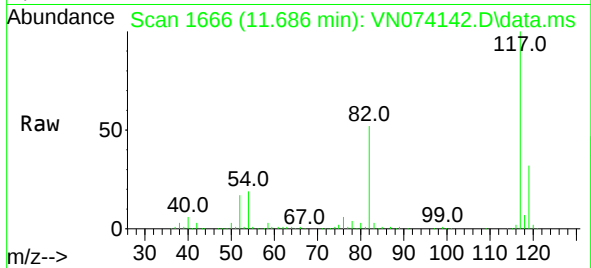




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

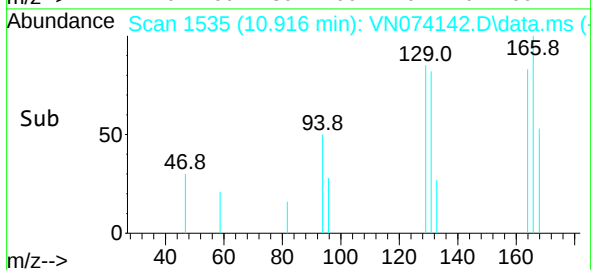
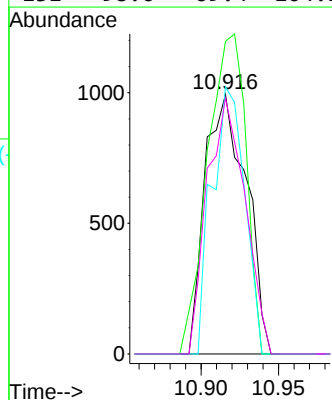
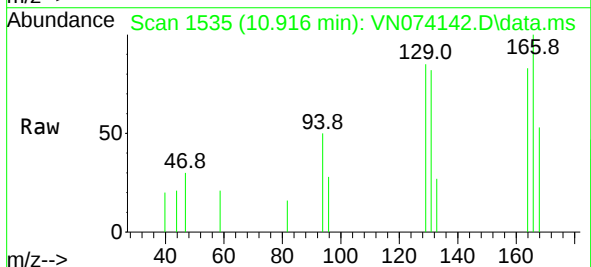
Instrument :
MSVOA_N
ClientSampleId :
MW305I-20220820

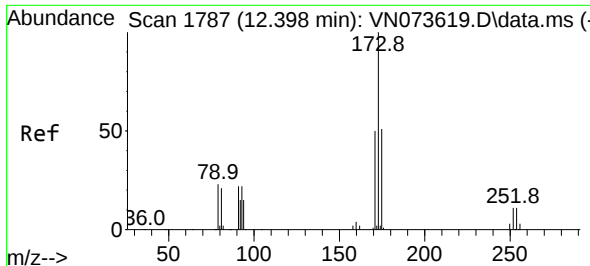
Tgt Ion:117 Resp: 548172
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 0.425 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion:164 Resp: 1839
Ion Ratio Lower Upper
164 100
166 120.4 104.2 156.2
129 102.9 73.9 110.9
131 98.6 69.4 104.2

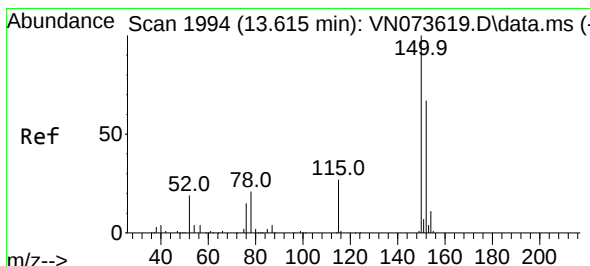
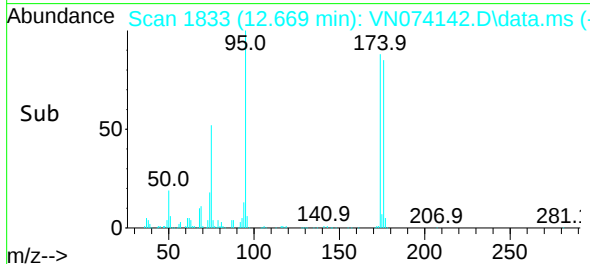
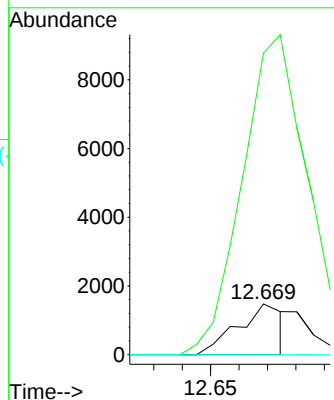
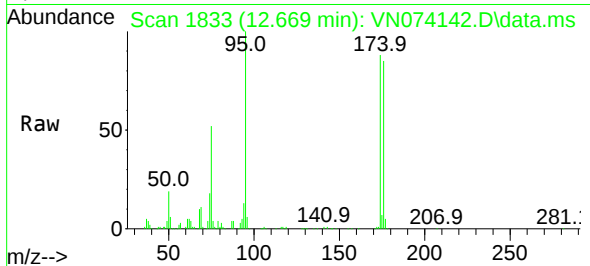




#71
Bromoform
Concen: 0.416 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

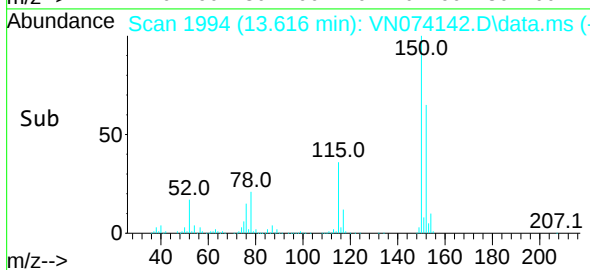
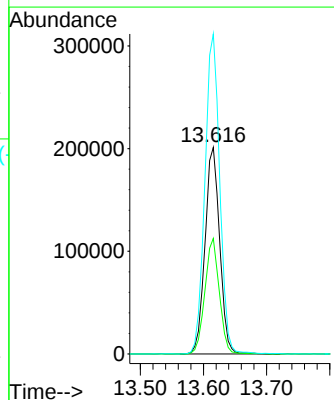
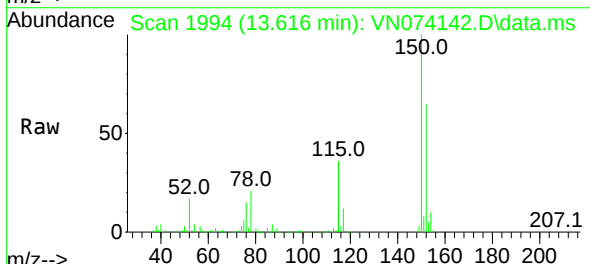
Instrument :
MSVOA_N
ClientSampleId :
MW305I-20220820

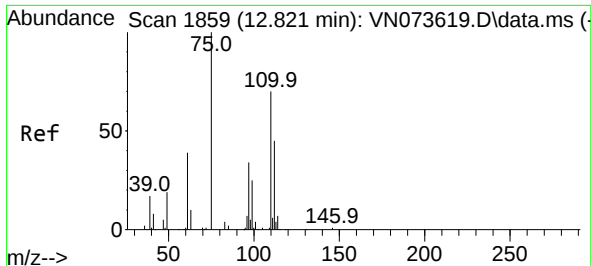
Tgt Ion:173 Resp: 1640
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion:152 Resp: 325190
Ion Ratio Lower Upper
152 100
115 55.0 28.9 86.7
150 156.8 0.0 356.2

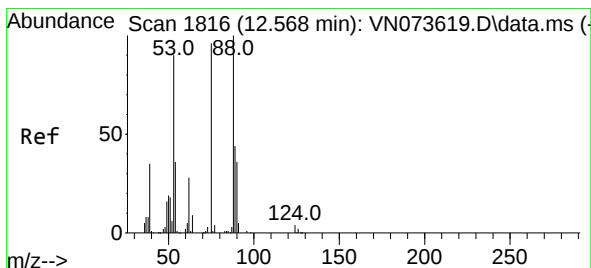
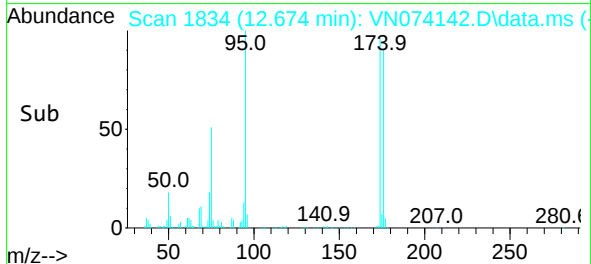
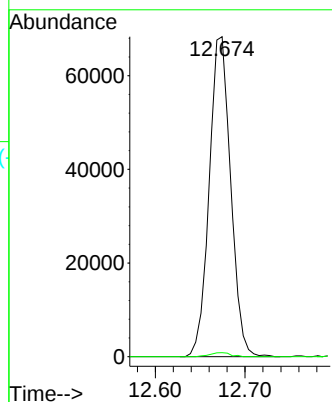
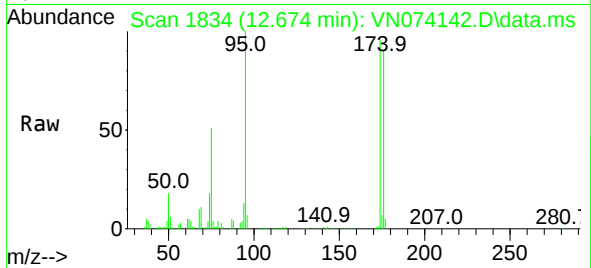




#76
1,2,3-Trichloropropane
Concen: 16.785 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Instrument :
MSVOA_N
ClientSampleId :
MW305I-20220820

Tgt Ion: 75 Resp: 113449
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.739 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074142.D
Acq: 26 Aug 2022 17:48

Tgt Ion: 75 Resp: 113449
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

