

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074147.D
 Acq On : 26 Aug 2022 19:53
 Operator : JC\MD
 Sample : N4297-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20220820

Quant Time: Aug 27 00:22:54 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)

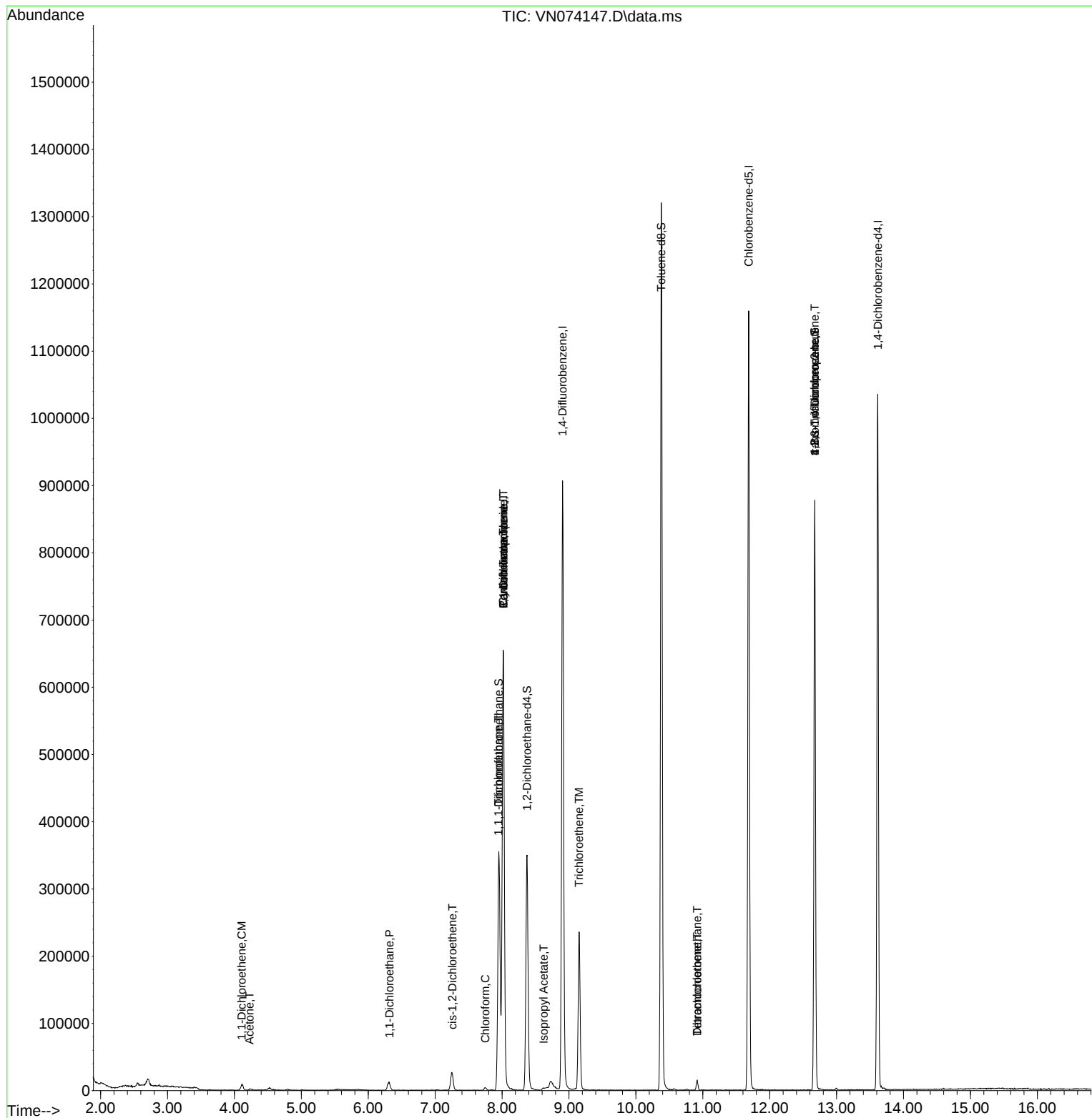
Internal Standards						
1) Pentafluorobenzene	8.022	168	546513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	833890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	709691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	300144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	298184	56.018	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.040%			
35) Dibromofluoromethane	7.951	113	259010	52.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	10.380	98	943941	49.422	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.674	95	284254	44.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.680%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.110	96	5358	1.242	ug/l	97
16) Acetone	4.228	43	2999	1.194	ug/l #	85
18) Methyl Acetate	4.787	43	3150	Below Cal	#	84
24) 1,1-Dichloroethane	6.316	63	17752	2.106	ug/l	95
27) cis-1,2-Dichloroethene	7.257	96	17611	3.004	ug/l	88
30) Chloroform	7.751	83	4287	0.455	ug/l	99
31) Cyclohexane	8.016	56	9434	1.271	ug/l #	1
32) 1,1,1-Trichloroethane	7.945	97	6122	0.732	ug/l #	51
36) 1,1-Dichloropropene	8.022	75	36684	5.356	ug/l #	49
38) Carbon Tetrachloride	8.022	117	48588	6.206	ug/l #	17
43) Isopropyl Acetate	8.622	43	2820	0.239	ug/l #	53
44) Trichloroethene	9.151	130	93872	15.034	ug/l	99
60) Dibromochloromethane	10.916	129	3227	0.506	ug/l #	11
64) Tetrachloroethene	10.916	164	3489	0.623	ug/l	88
76) 1,2,3-Trichloropropane	12.674	75	141269	22.645	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	141269	64.406	ug/l #	11

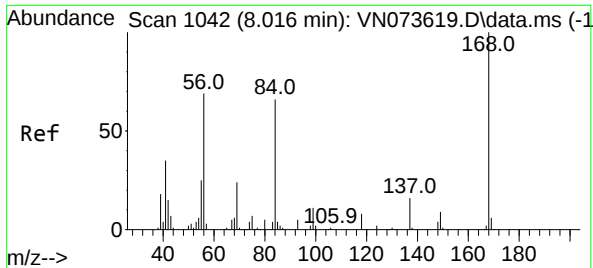
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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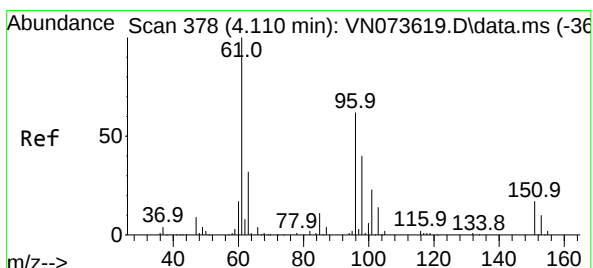
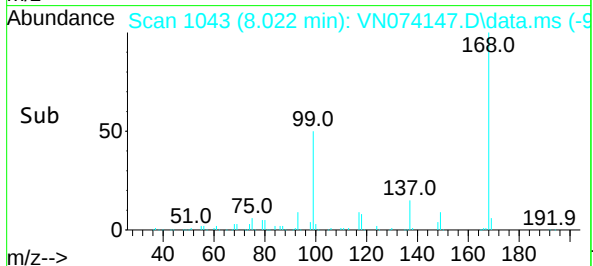
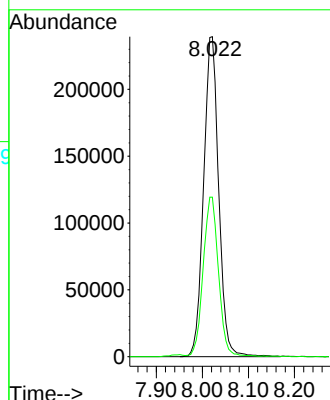
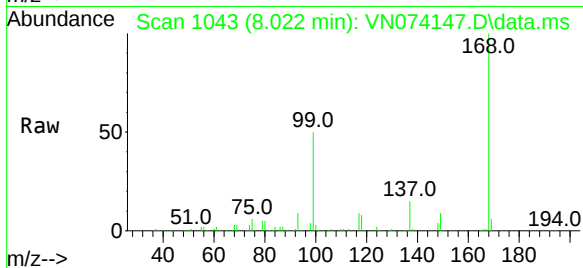




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

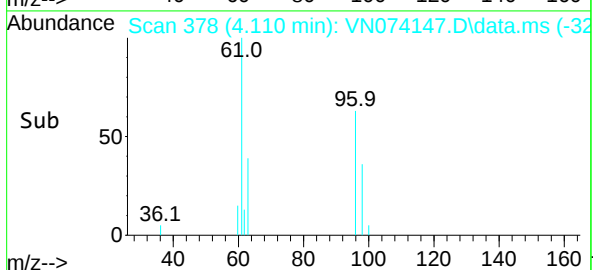
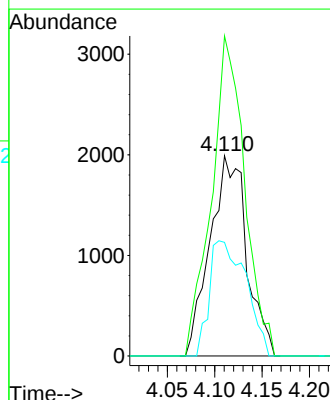
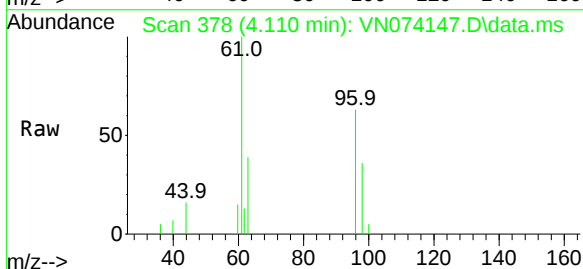
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20220820

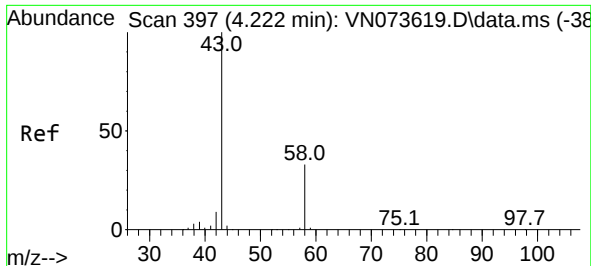
Tgt Ion:168 Resp: 546513
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5



#12
1,1-Dichloroethene
Concen: 1.242 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion: 96 Resp: 5358
Ion Ratio Lower Upper
96 100
61 159.8 127.6 191.4
98 56.8 51.2 76.8

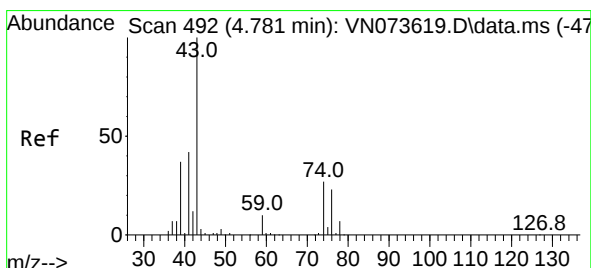
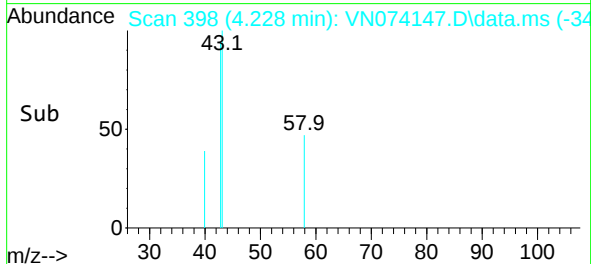
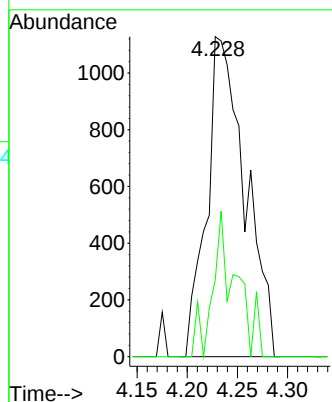
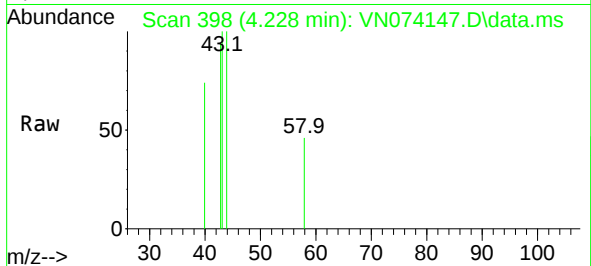




#16
Acetone
Concen: 1.194 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

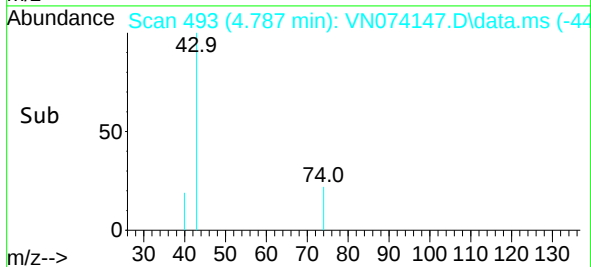
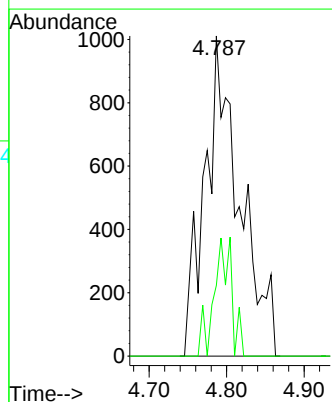
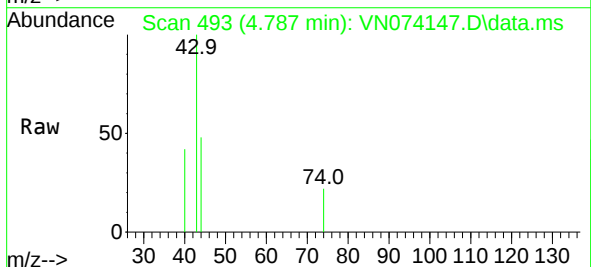
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20220820

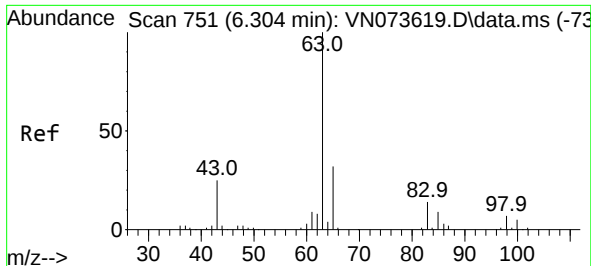
Tgt Ion: 43 Resp: 2999
Ion Ratio Lower Upper
43 100
58 23.9 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion: 43 Resp: 3150
Ion Ratio Lower Upper
43 100
74 18.7 21.6 32.4#

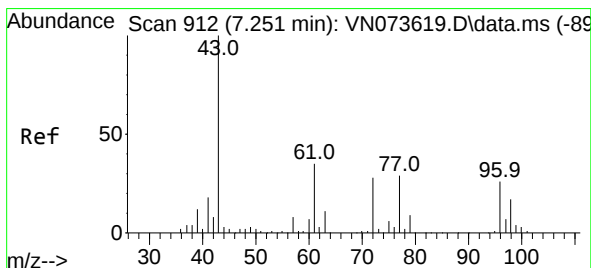
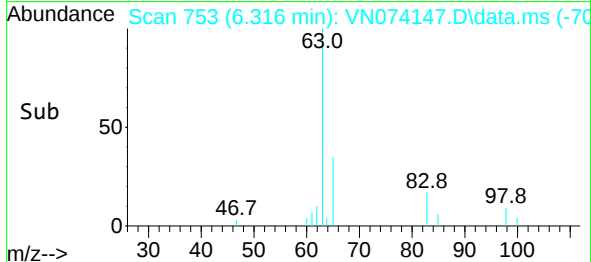
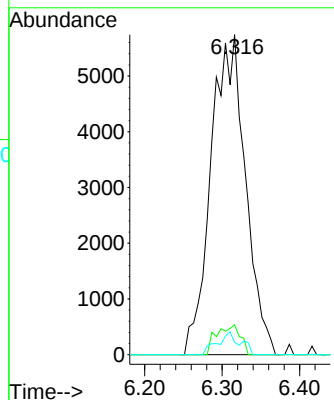
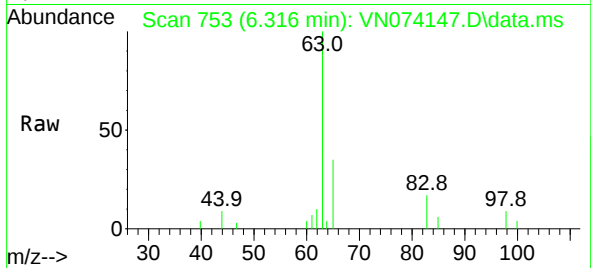




#24
 1,1-Dichloroethane
 Concen: 2.106 ug/l
 RT: 6.316 min Scan# 71
 Delta R.T. 0.012 min
 Lab File: VN074147.D
 Acq: 26 Aug 2022 19:53

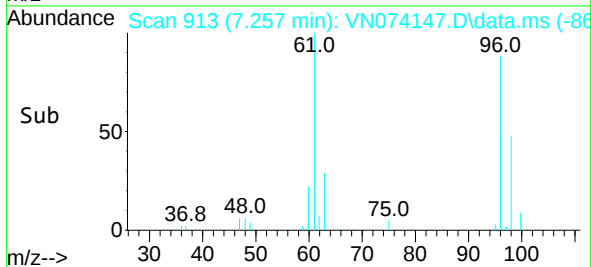
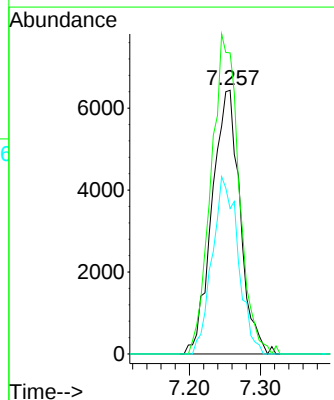
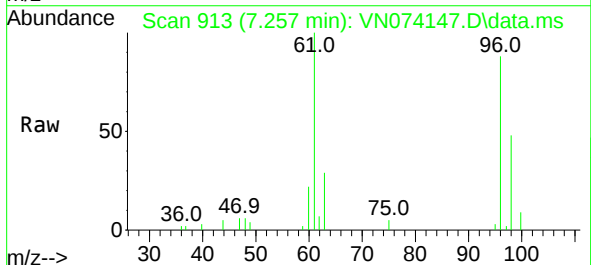
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20220820

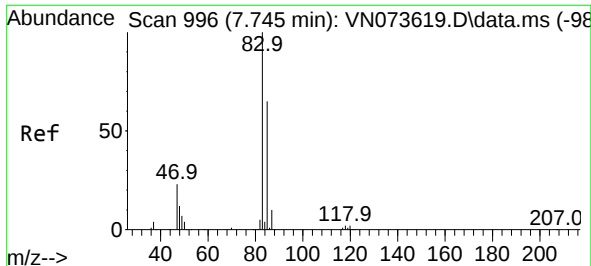
Tgt Ion: 63 Resp: 17752
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.5 10.4
 100 3.8 2.3 6.8



#27
 cis-1,2-Dichloroethene
 Concen: 3.004 ug/l
 RT: 7.257 min Scan# 913
 Delta R.T. 0.006 min
 Lab File: VN074147.D
 Acq: 26 Aug 2022 19:53

Tgt Ion: 96 Resp: 17611
 Ion Ratio Lower Upper
 96 100
 61 120.5 0.0 280.6
 98 62.3 0.0 128.4

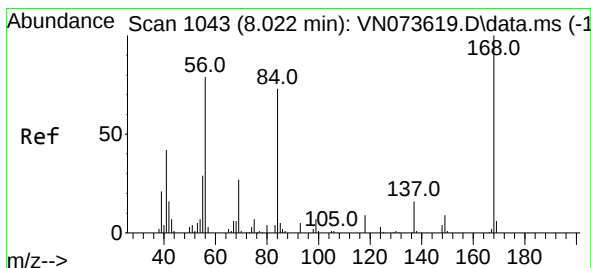
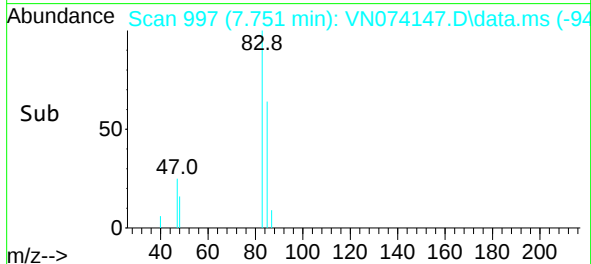
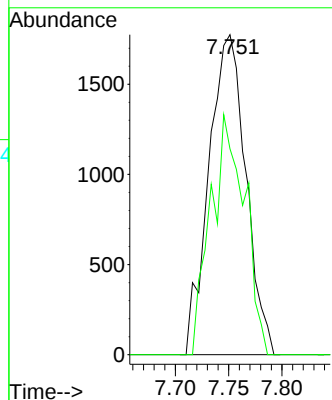
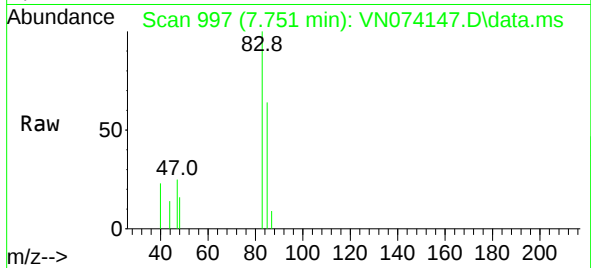




#30
Chloroform
Concen: 0.455 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

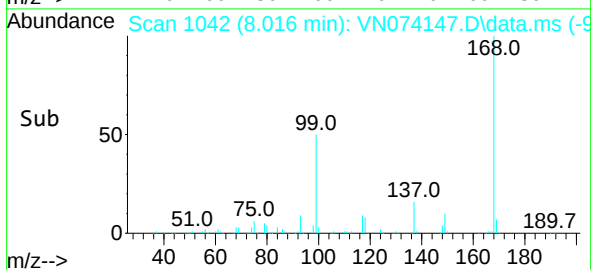
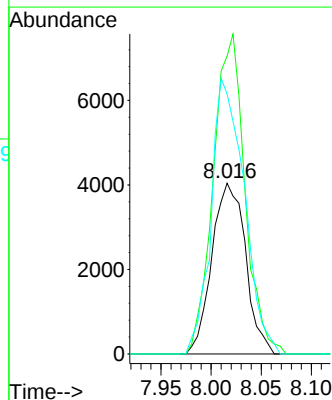
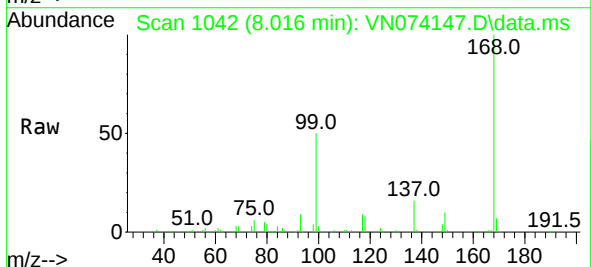
Instrument :
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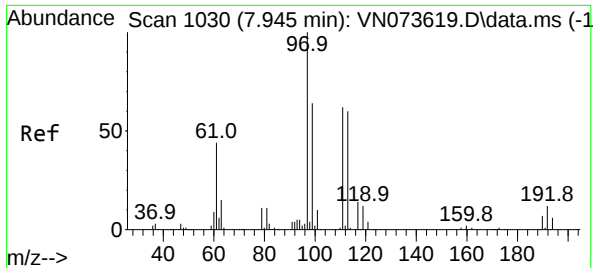
Tgt Ion: 83 Resp: 4287
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.8



#31
Cyclohexane
Concen: 1.271 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion: 56 Resp: 9434
Ion Ratio Lower Upper
56 100
69 174.4 27.8 41.8#
84 152.3 76.9 115.3#





#32

1,1,1-Trichloroethane

Concen: 0.732 ug/l

RT: 7.945 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN074147.D

Acq: 26 Aug 2022 19:53

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20220820

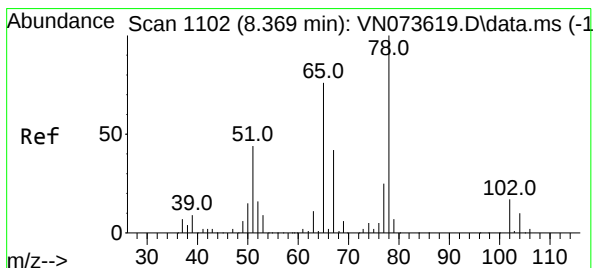
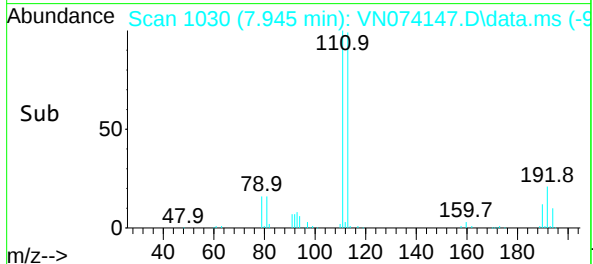
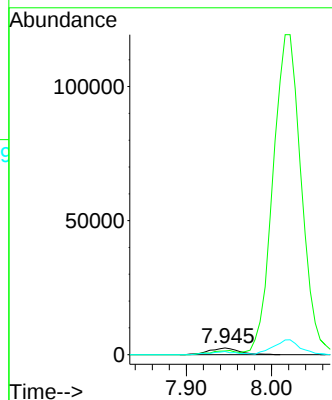
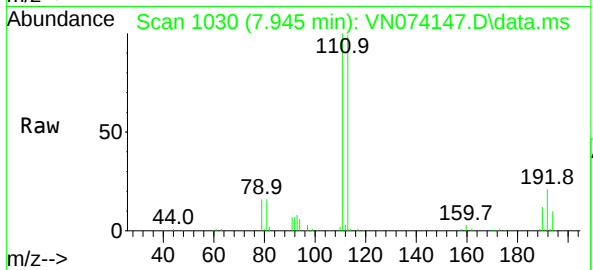
Tgt Ion: 97 Resp: 6122

Ion Ratio Lower Upper

97 100

99 0.0 50.6 76.0#

61 42.1 36.0 54.0



#33

1,2-Dichloroethane-d4

Concen: 56.018 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074147.D

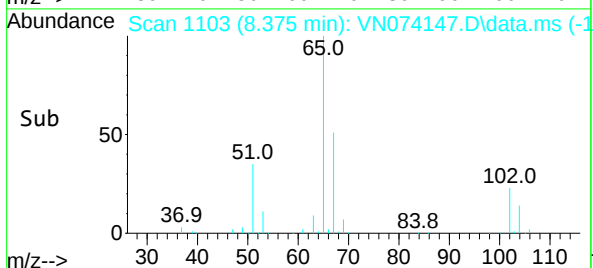
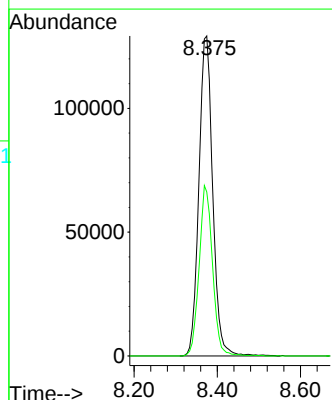
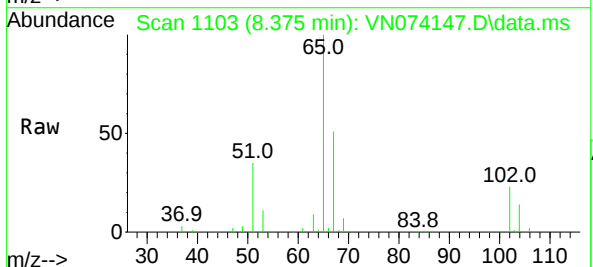
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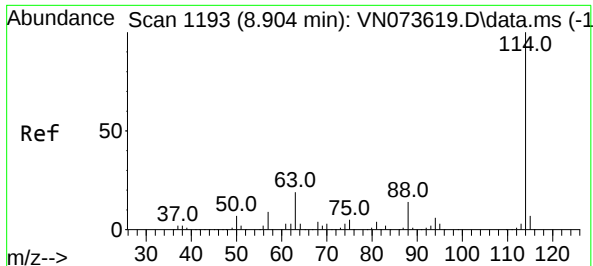
Tgt Ion: 65 Resp: 298184

Ion Ratio Lower Upper

65 100

67 51.6 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: VN074147.D

Acq: 26 Aug 2022 19:53

Instrument :

MSVOA_N

ClientSampleId :

MW203D-20220820

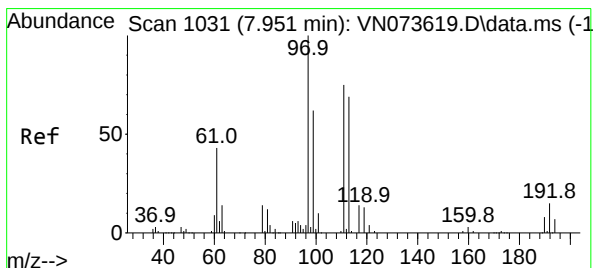
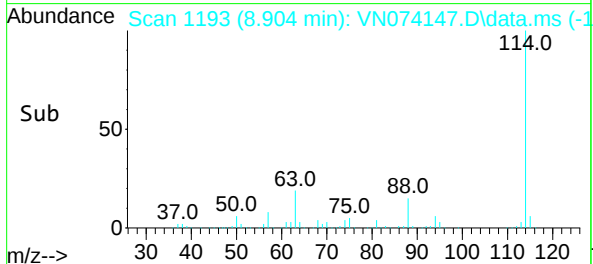
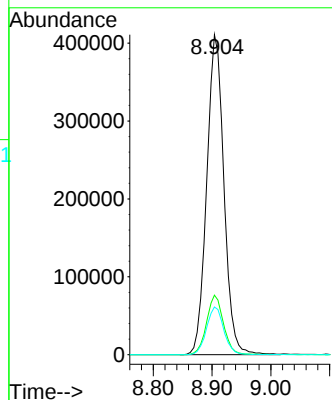
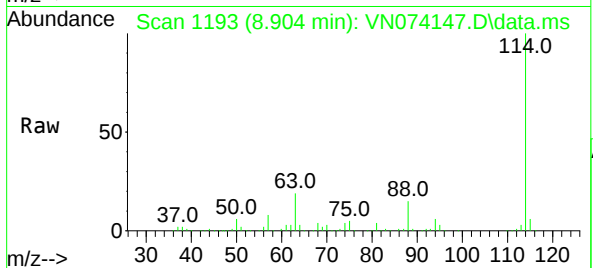
Tgt Ion:114 Resp: 833890

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.521 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074147.D

Acq: 26 Aug 2022 19:53

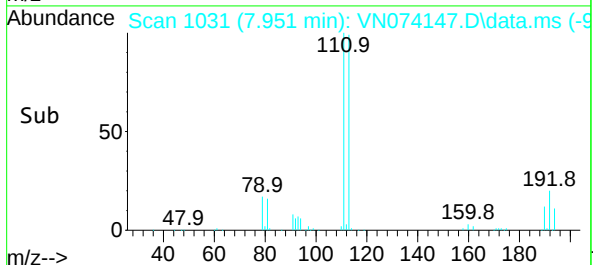
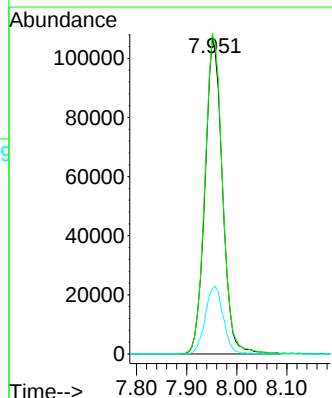
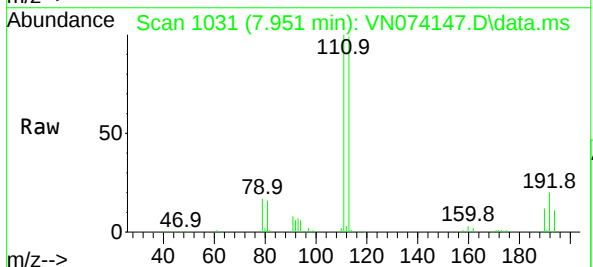
Tgt Ion:113 Resp: 259010

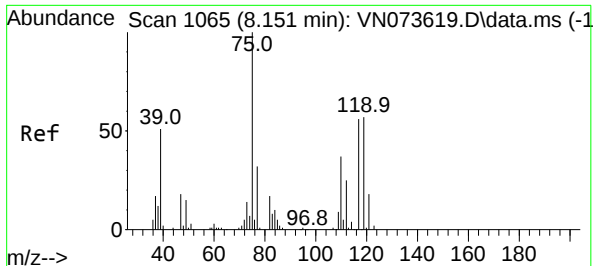
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 22.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.356 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.129 min

Lab File: VN074147.D

Acq: 26 Aug 2022 19:53

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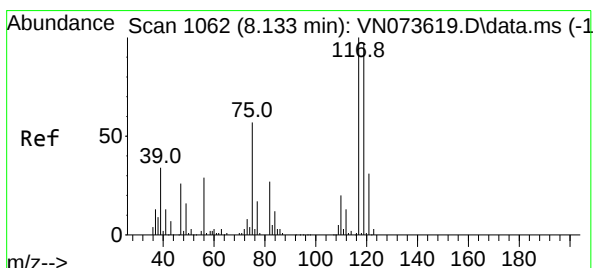
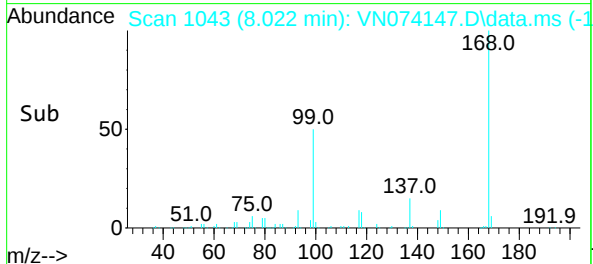
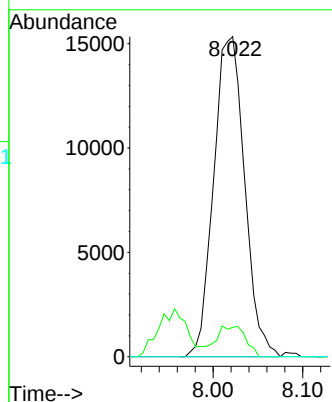
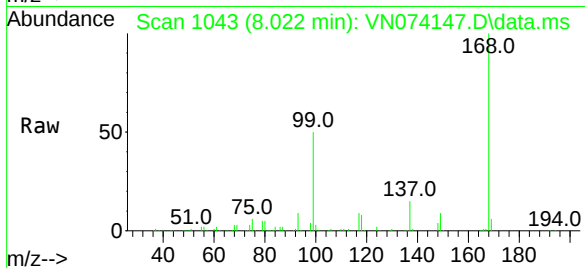
Tgt Ion: 75 Resp: 36684

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.206 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.111 min

Lab File: VN074147.D

Acq: 26 Aug 2022 19:53

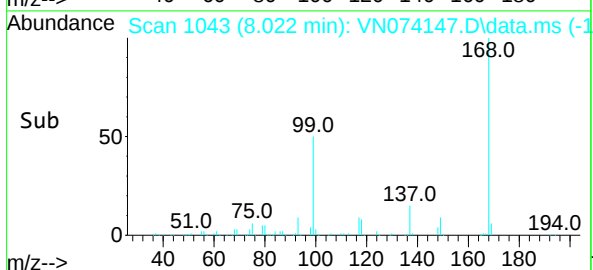
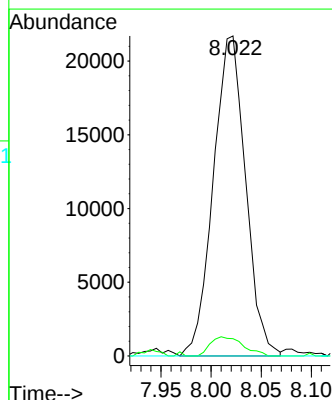
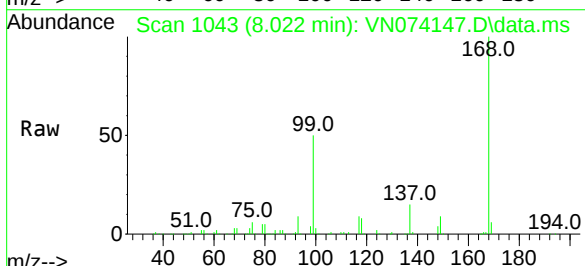
Tgt Ion: 117 Resp: 48588

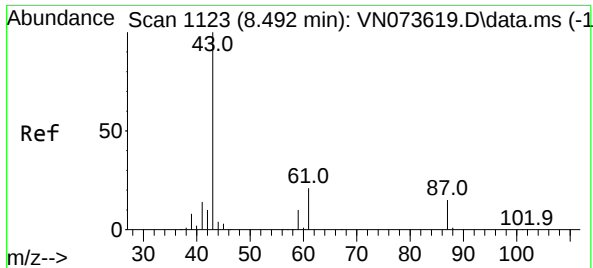
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.8#

121 0.0 24.6 37.0#

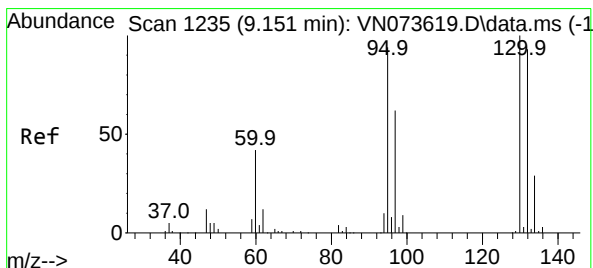
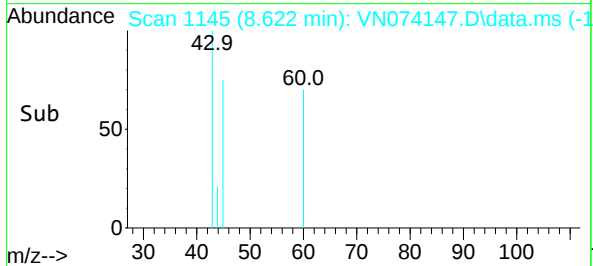
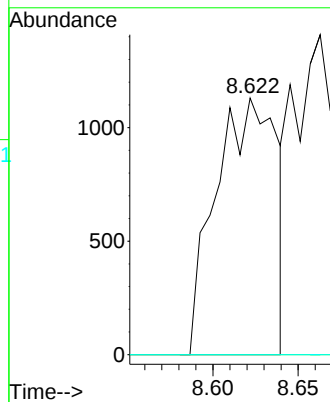
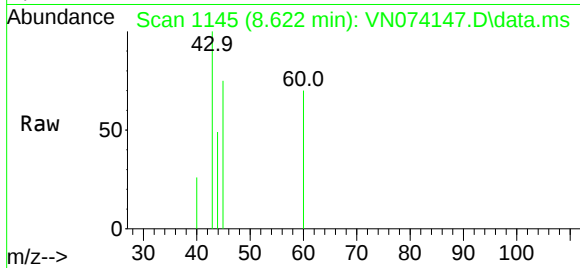




#43
Isopropyl Acetate
Concen: 0.239 ug/l
RT: 8.622 min Scan# 1145
Delta R.T. 0.130 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

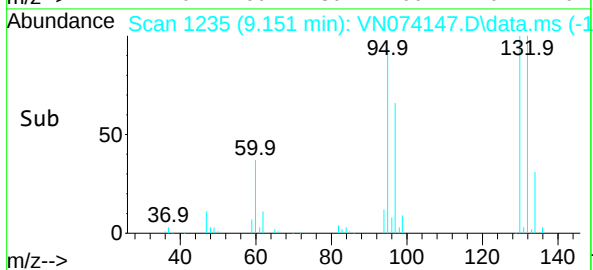
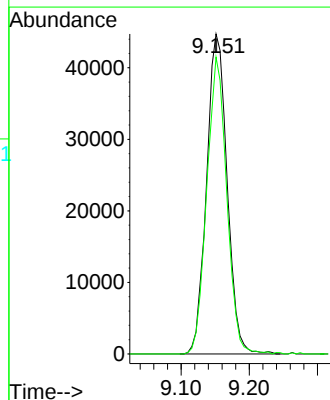
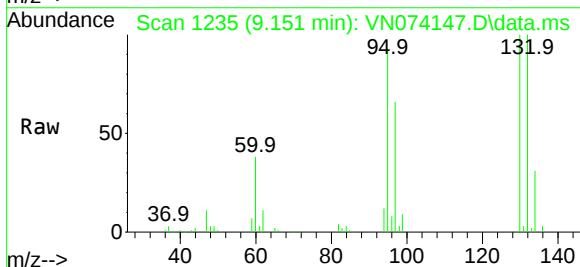
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20220820

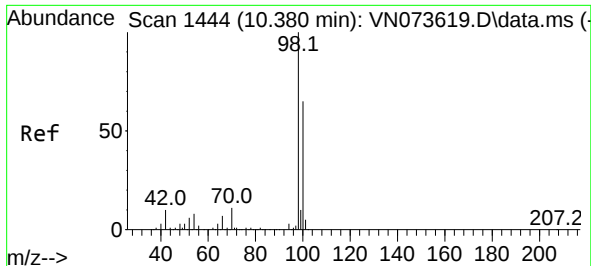
Tgt Ion: 43 Resp: 2820
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 15.034 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion:130 Resp: 93872
Ion Ratio Lower Upper
130 100
95 92.8 0.0 186.8

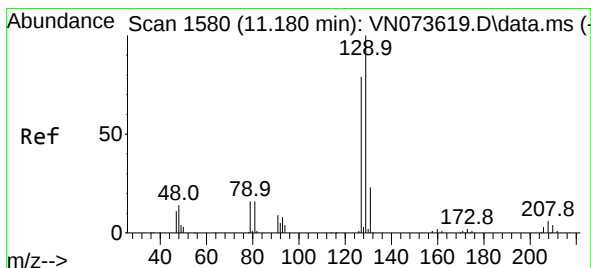
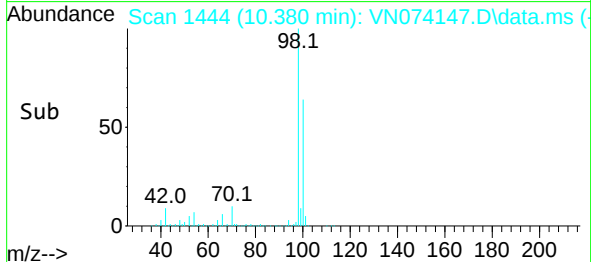
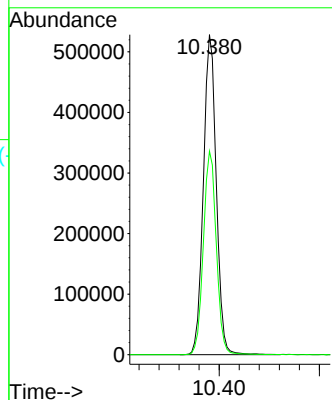
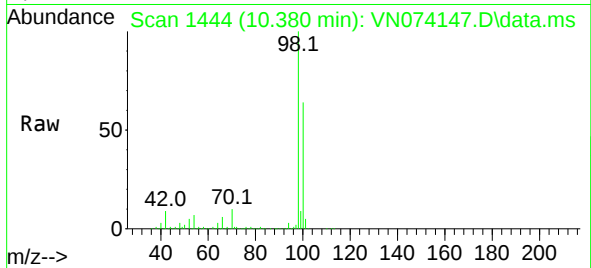




#50
Toluene-d8
Concen: 49.422 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

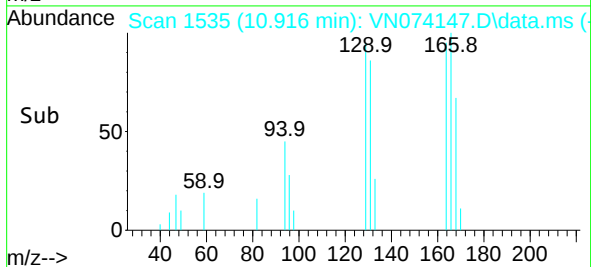
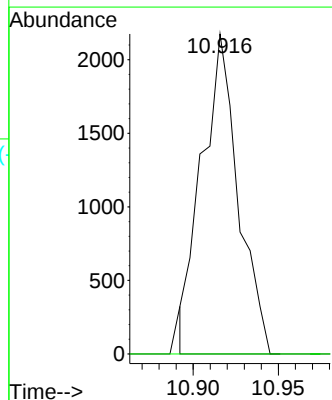
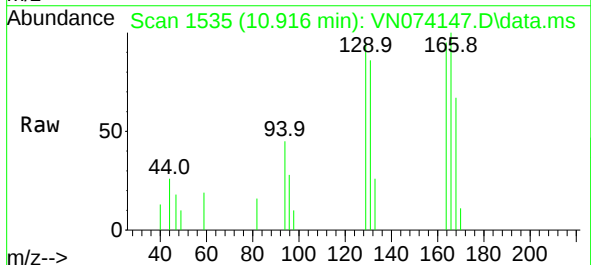
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20220820

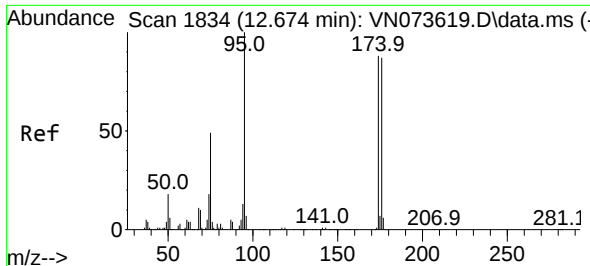
Tgt Ion: 98 Resp: 943941
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#60
Dibromochloromethane
Concen: 0.506 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.264 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion:129 Resp: 3227
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

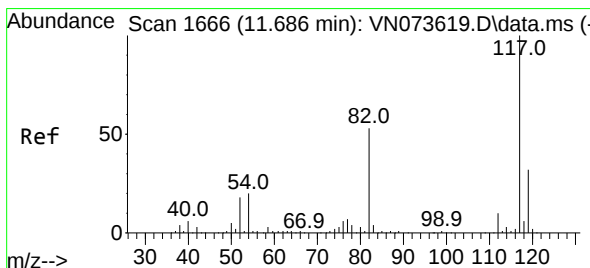
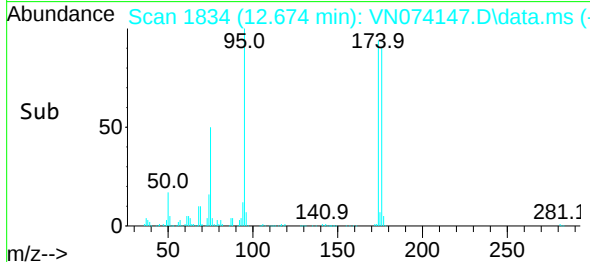
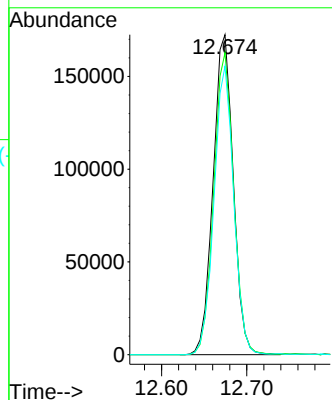
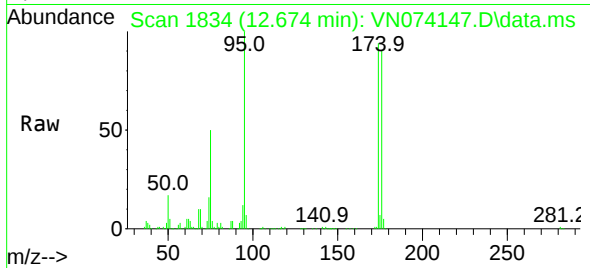




#62
4-Bromofluorobenzene
Concen: 44.844 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

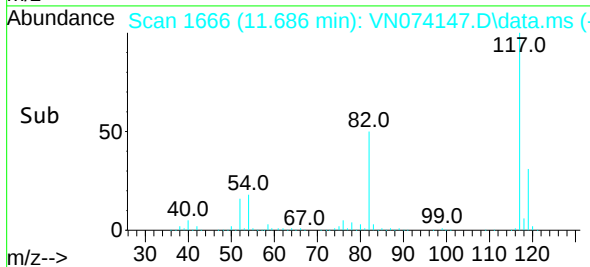
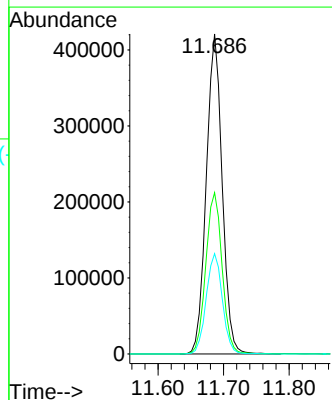
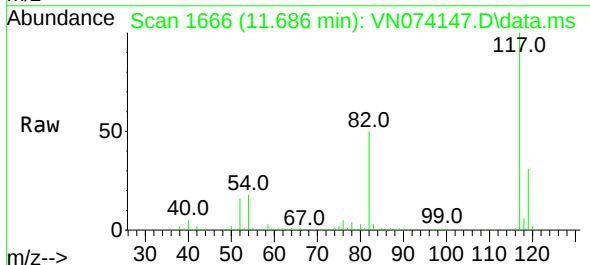
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20220820

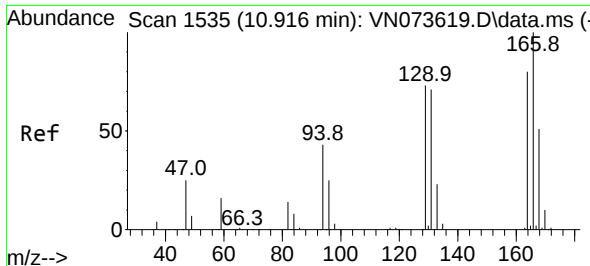
Tgt Ion: 95 Resp: 284254
Ion Ratio Lower Upper
95 100
174 92.8 0.0 167.6
176 88.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

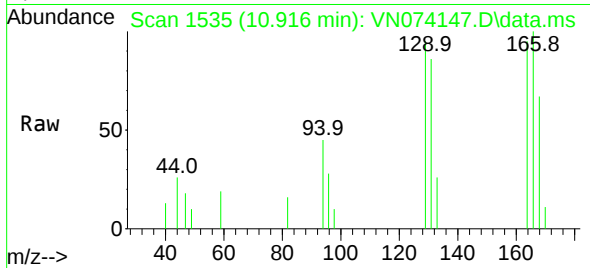
Tgt Ion: 117 Resp: 709691
Ion Ratio Lower Upper
117 100
82 50.4 44.2 66.2
119 31.4 25.4 38.0



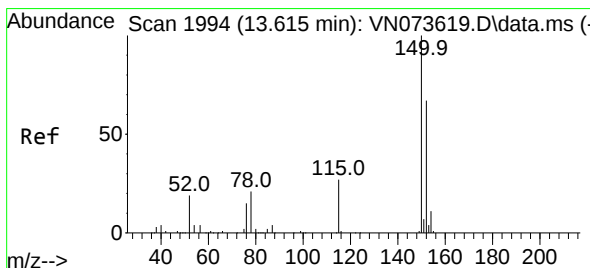
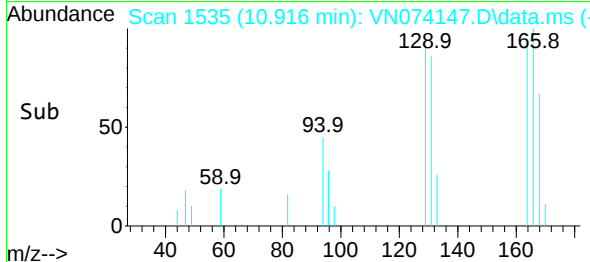
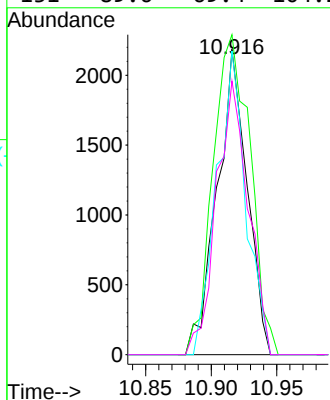


#64
Tetrachloroethene
Concen: 0.623 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20220820

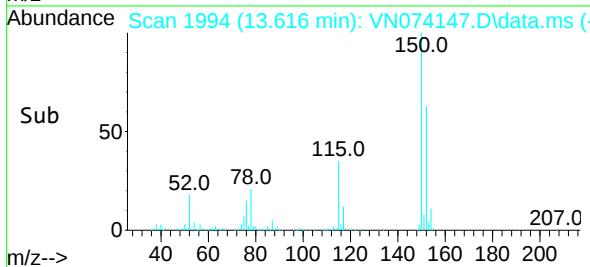
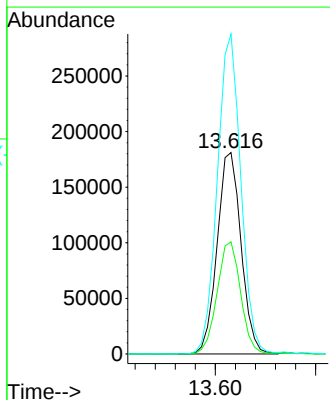
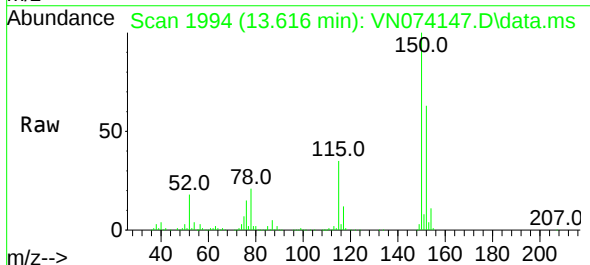


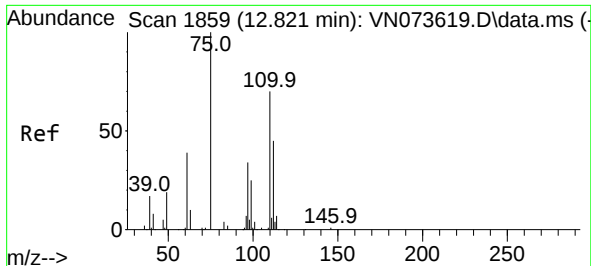
Tgt Ion:164 Resp: 3489
Ion Ratio Lower Upper
164 100
166 104.8 104.2 156.2
129 99.5 73.9 110.9
131 89.6 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion:152 Resp: 300144
Ion Ratio Lower Upper
152 100
115 54.9 28.9 86.7
150 156.4 0.0 356.2

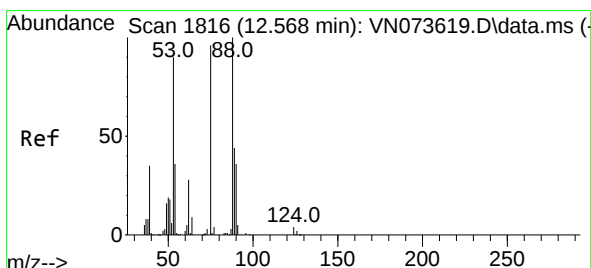
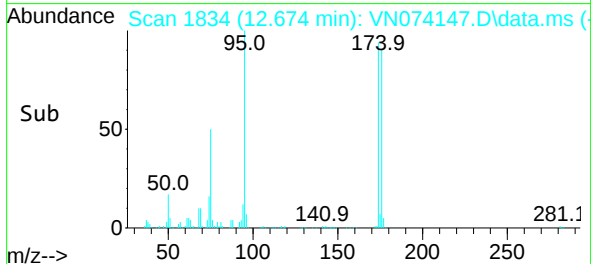
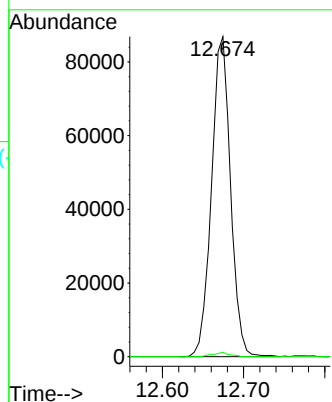
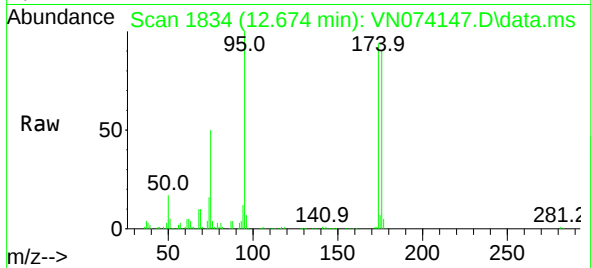




#76
1,2,3-Trichloropropane
Concen: 22.645 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Instrument :
MSVOA_N
ClientSampleId :
MW203D-20220820

Tgt Ion: 75 Resp: 141269
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.406 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074147.D
Acq: 26 Aug 2022 19:53

Tgt Ion: 75 Resp: 141269
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

