

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070982.D
 Acq On : 17 Feb 2022 16:18
 Operator : JC\MD
 Sample : N1581-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-117N-20220215

Quant Time: Feb 18 00:46:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

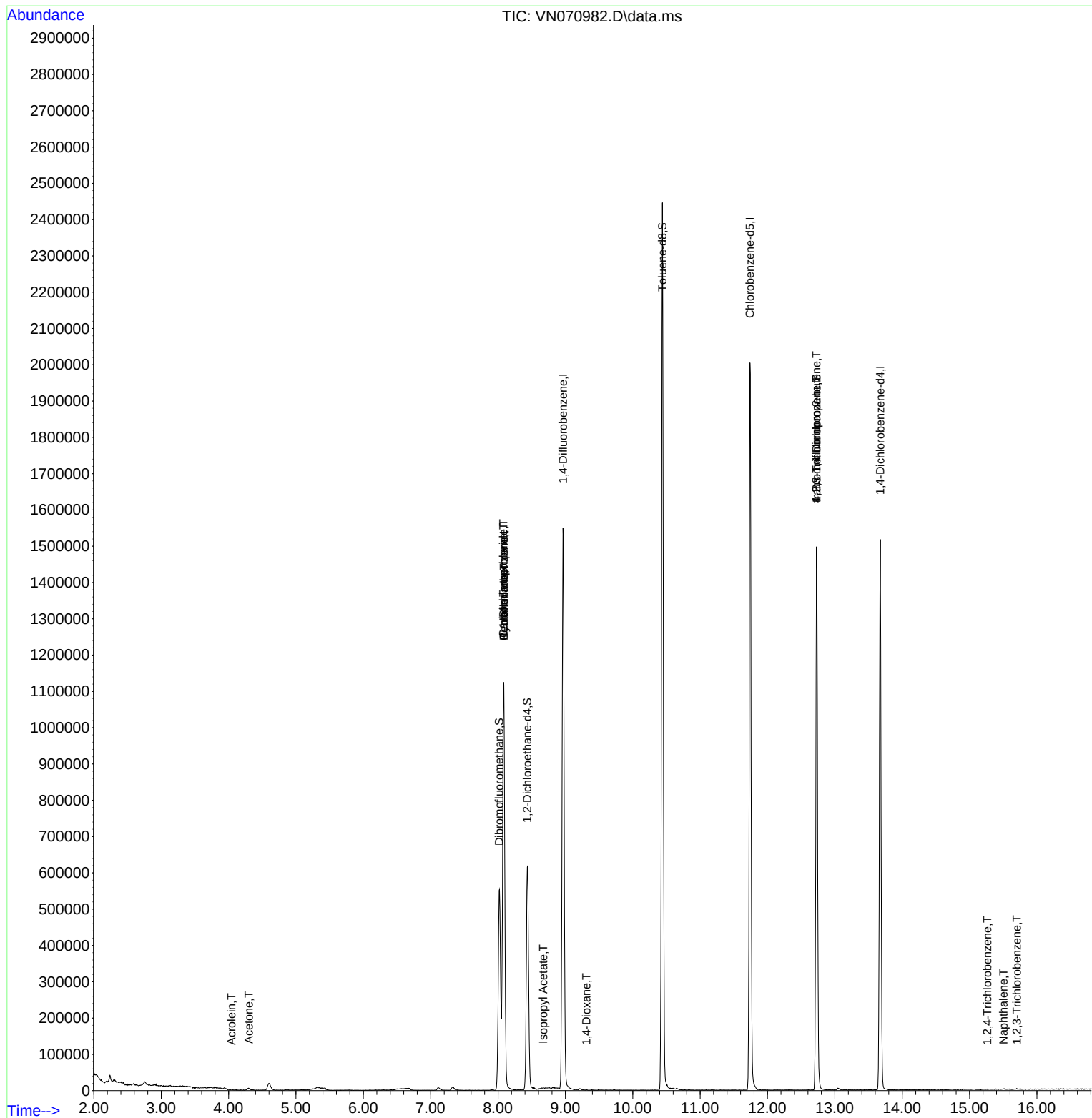
Internal Standards						
1) Pentafluorobenzene	8.086	168	901596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1394585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1218904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	428571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	511628	49.677	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.360%
35) Dibromofluoromethane	8.016	113	412773	49.762	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.520%
50) Toluene-d8	10.439	98	1679823	50.427	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.727	95	536823	45.084	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.160%
Target Compounds						
					Qvalue	
13) Acrolein	4.040	56	503	0.300	ug/l #	47
16) Acetone	4.298	43	5436	0.958	ug/l	90
18) Methyl Acetate	4.851	43	2111	Below Cal	#	75
31) Cyclohexane	8.086	56	17501	0.983	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	67116	4.939	ug/l #	49
38) Carbon Tetrachloride	8.080	117	87104	6.505	ug/l #	16
43) Isopropyl Acetate	8.669	43	7925	0.345	ug/l #	55
49) 1,4-Dioxane	9.310	88	60	0.311	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	270666	26.823	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	270666	86.919	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	301	2.036	ug/l #	70
95) Naphthalene	15.504	128	1703	5.070	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.703	180	483	2.579	ug/l #	86

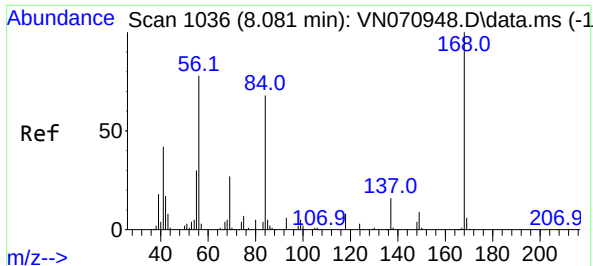
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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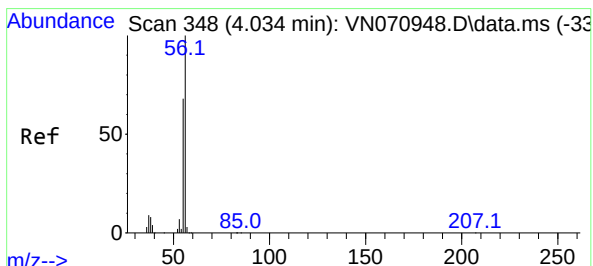
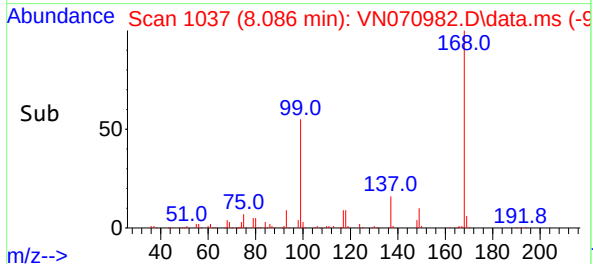
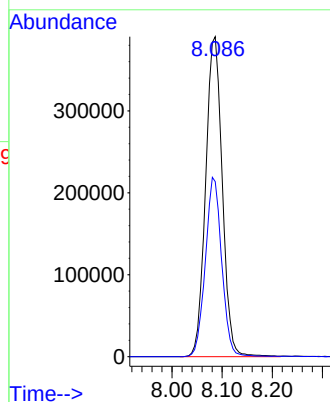
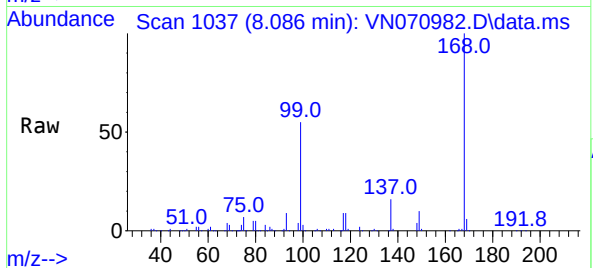




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

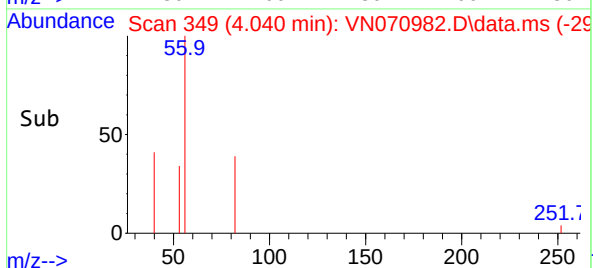
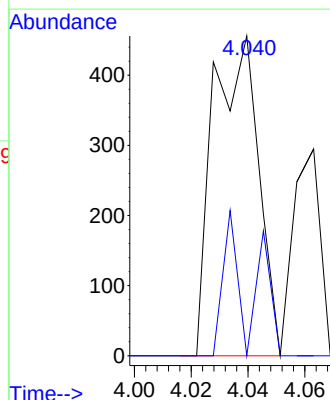
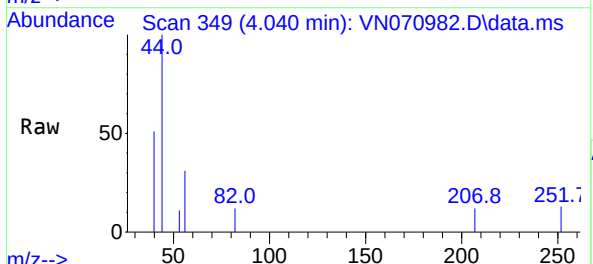
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20220215

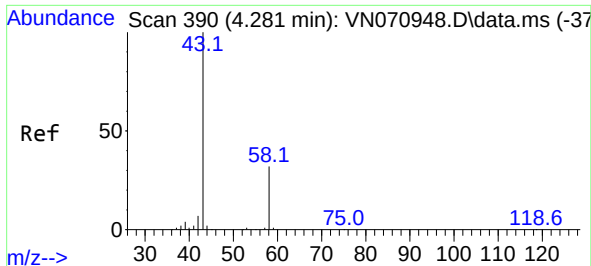
Tgt Ion:168 Resp: 901596
Ion Ratio Lower Upper
168 100
99 54.7 41.3 61.9



#13
Acrolein
Concen: 0.300 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion: 56 Resp: 503
Ion Ratio Lower Upper
56 100
55 27.0 56.6 85.0#

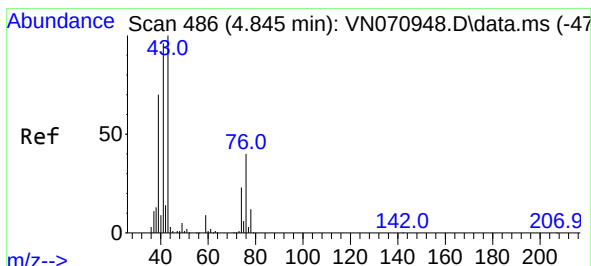
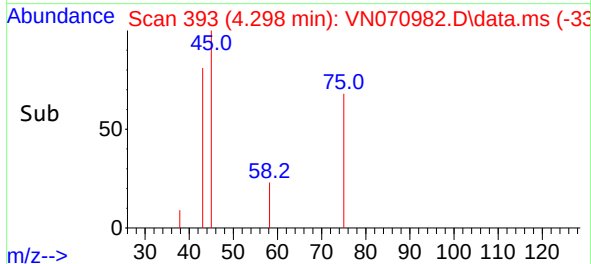
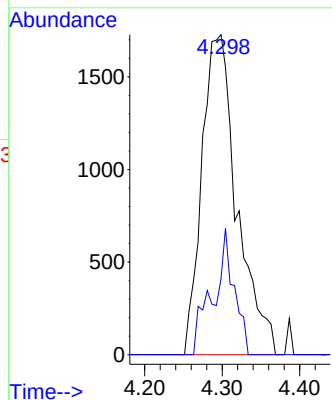
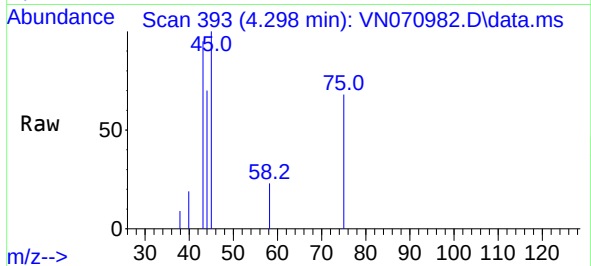




#16
Acetone
Concen: 0.958 ug/l
RT: 4.298 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

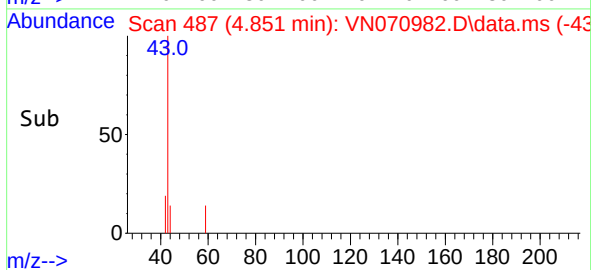
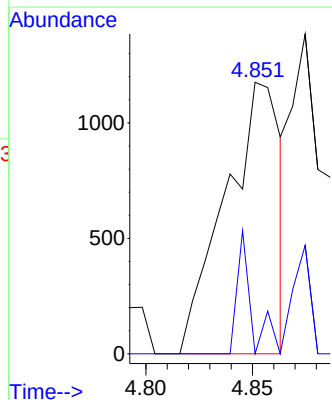
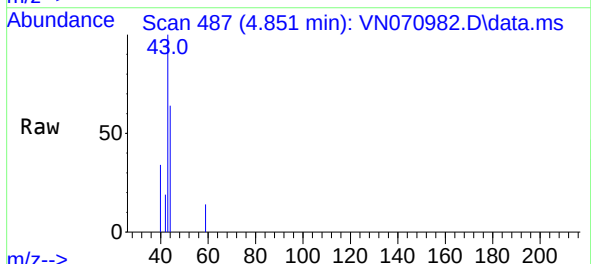
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20220215

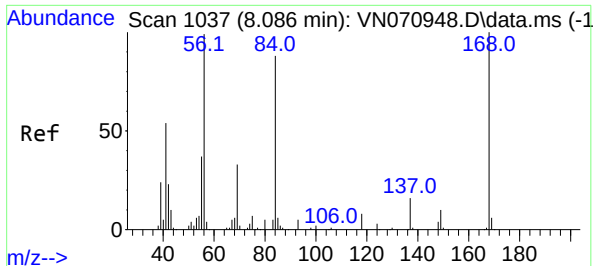
Tgt Ion: 43 Resp: 5436
Ion Ratio Lower Upper
43 100
58 23.7 23.1 34.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

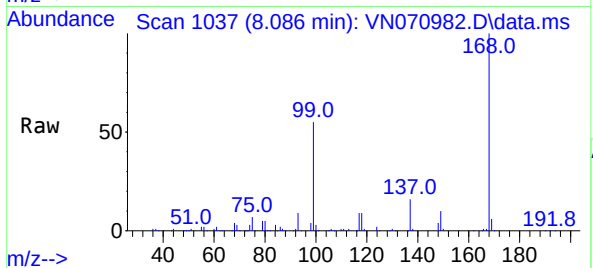
Tgt Ion: 43 Resp: 2111
Ion Ratio Lower Upper
43 100
74 12.0 19.4 29.2#



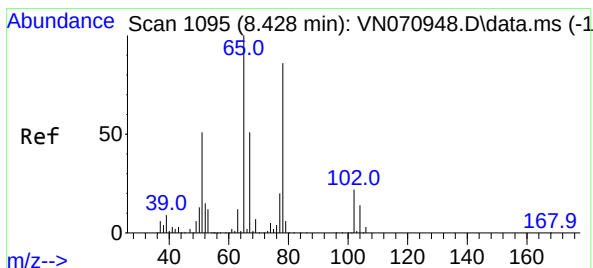
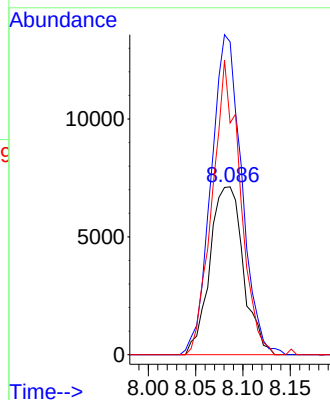
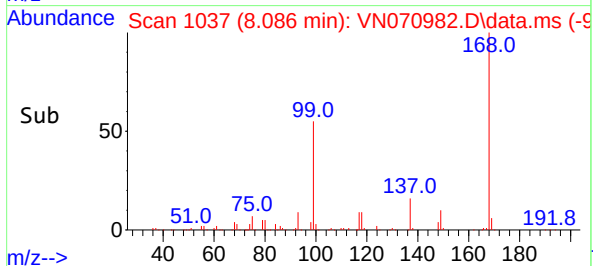


#31
Cyclohexane
Concen: 0.983 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

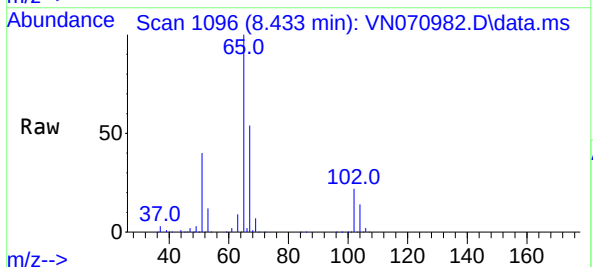
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20220215



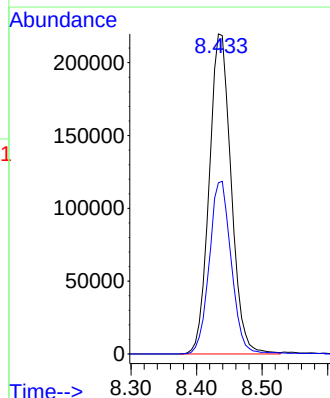
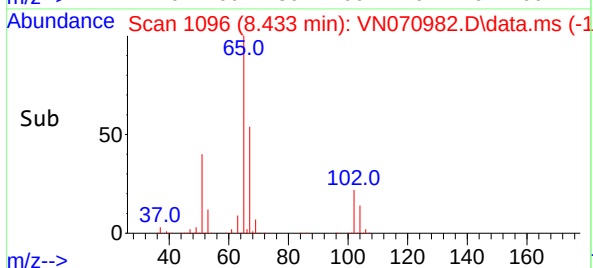
Tgt Ion: 56 Resp: 17501
Ion Ratio Lower Upper
56 100
69 186.4 27.1 40.7#
84 138.0 73.4 110.0#

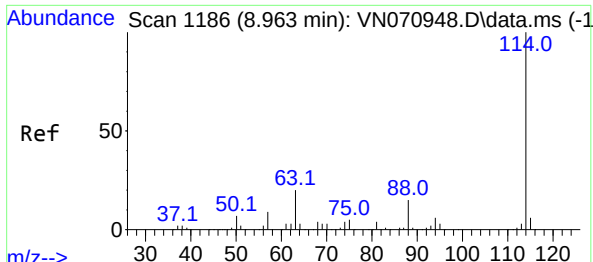


#33
1,2-Dichloroethane-d4
Concen: 49.677 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18



Tgt Ion: 65 Resp: 511628
Ion Ratio Lower Upper
65 100
67 54.0 0.0 103.0

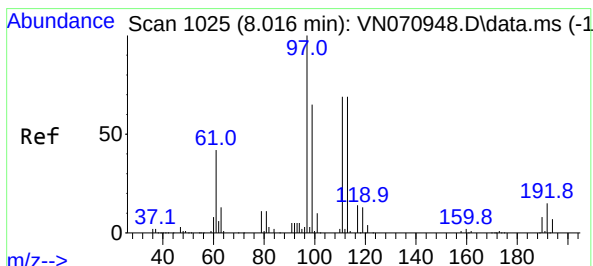
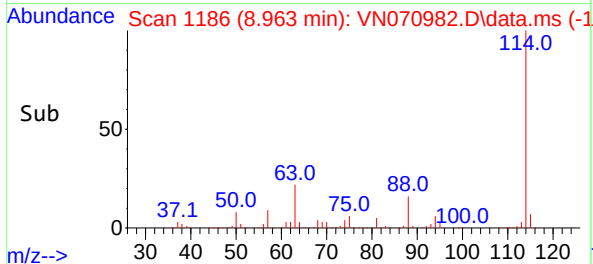
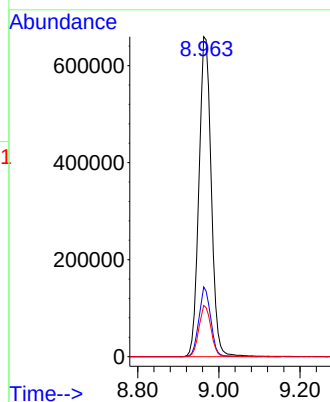
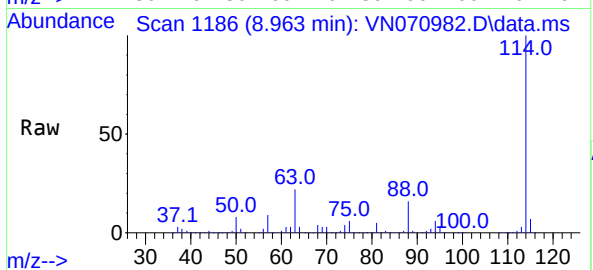




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

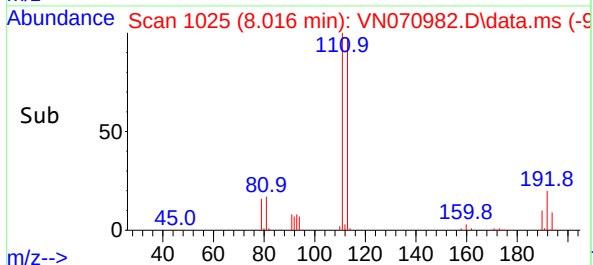
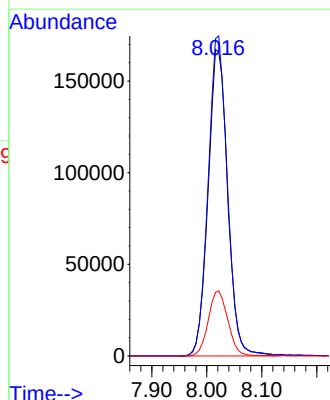
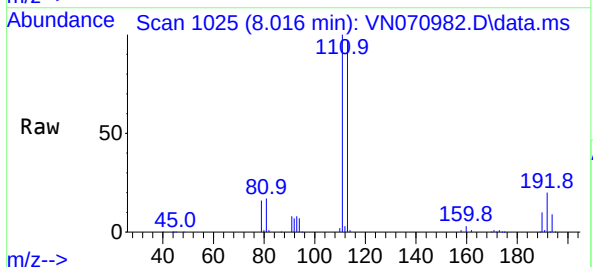
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20220215

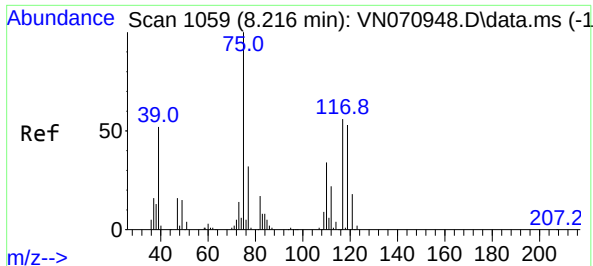
Tgt Ion:114 Resp: 1394585
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.762 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion:113 Resp: 412773
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN070982.D

Acq: 17 Feb 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :

MH-117N-20220215

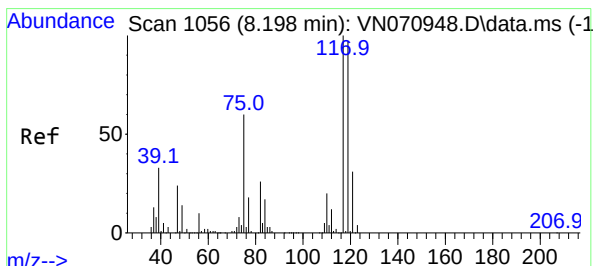
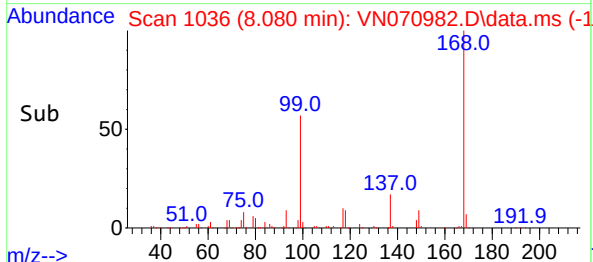
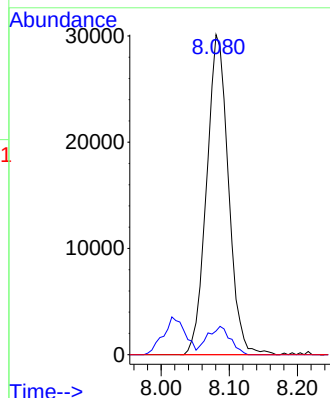
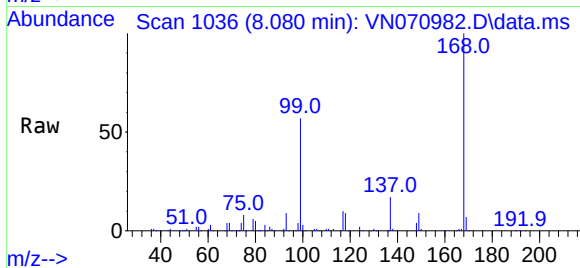
Tgt Ion: 75 Resp: 67116

Ion Ratio Lower Upper

75 100

110 9.4 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.505 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN070982.D

Acq: 17 Feb 2022 16:18

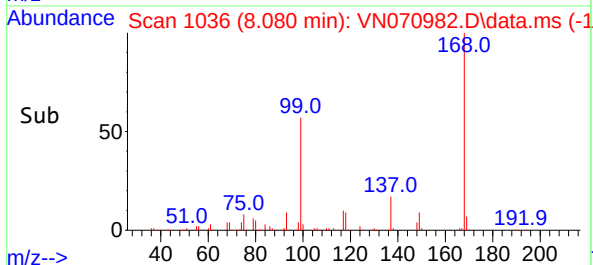
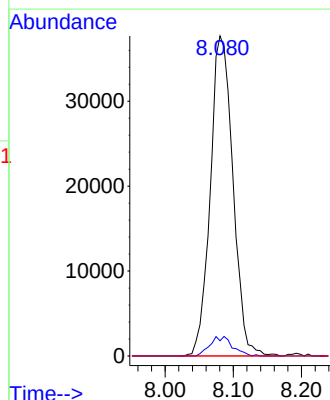
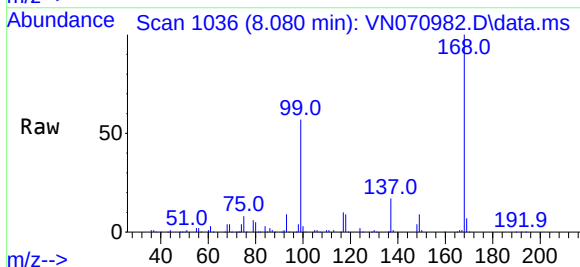
Tgt Ion: 117 Resp: 87104

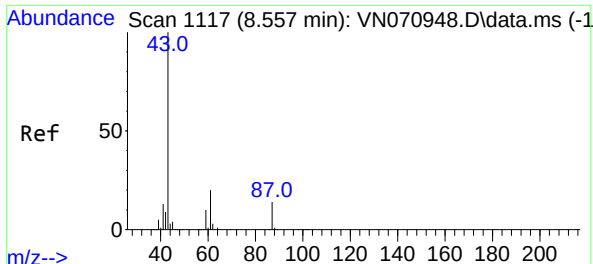
Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 24.2 36.2#

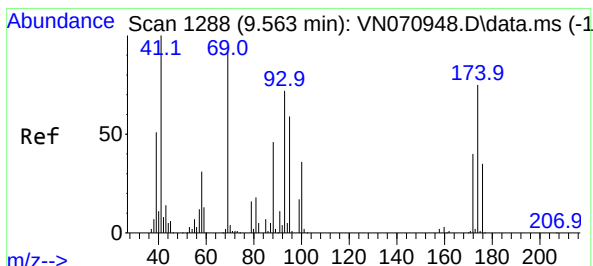
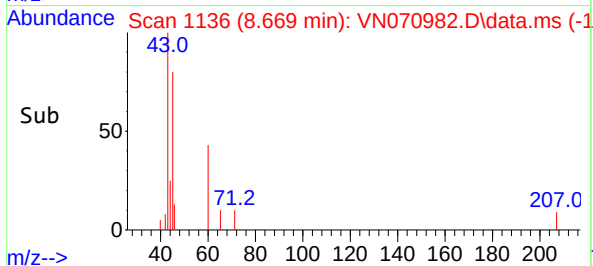
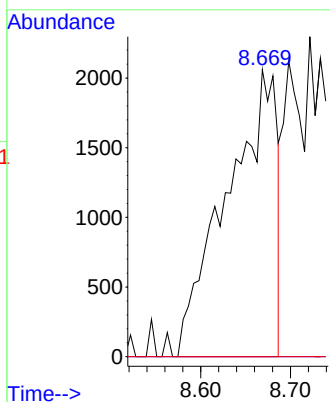
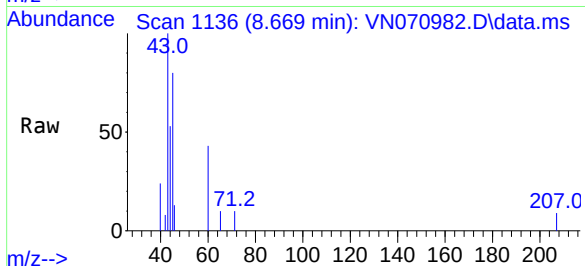




#43
Isopropyl Acetate
Concen: 0.345 ug/l
RT: 8.669 min Scan# 1117
Delta R.T. 0.112 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

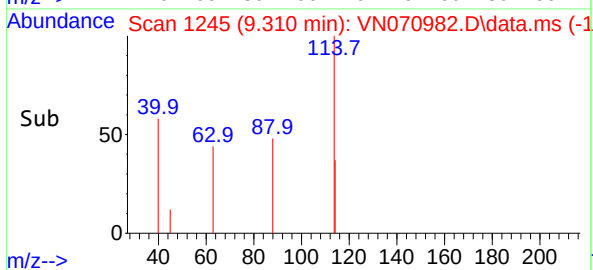
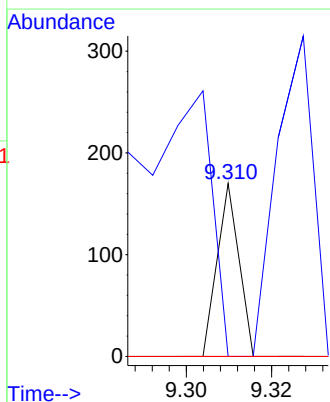
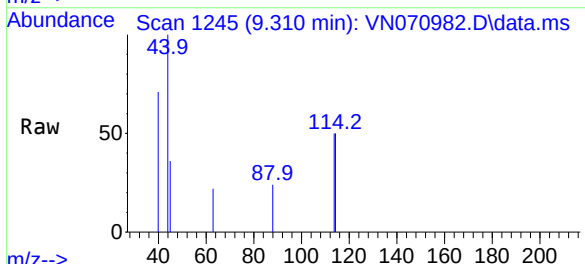
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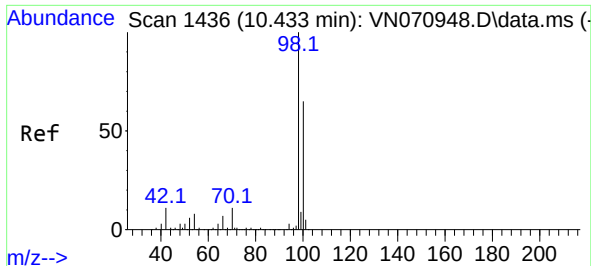
Tgt Ion: 43 Resp: 7925
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#49
1,4-Dioxane
Concen: 0.311 ug/l
RT: 9.310 min Scan# 1245
Delta R.T. -0.253 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 511.7 23.4 35.2#
58 0.0 50.6 75.8#

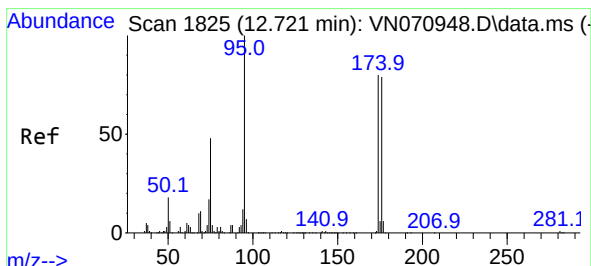
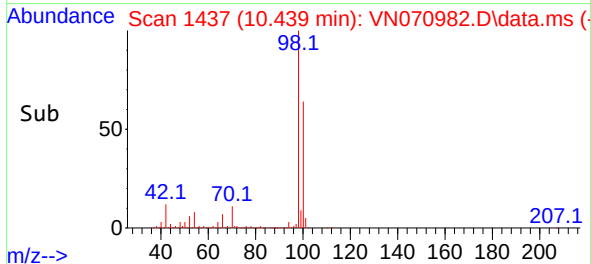
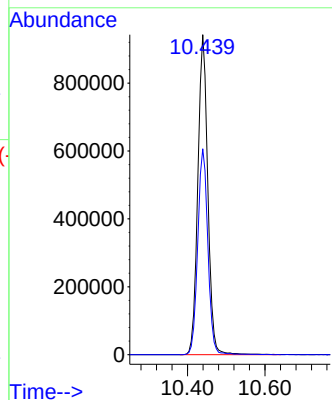
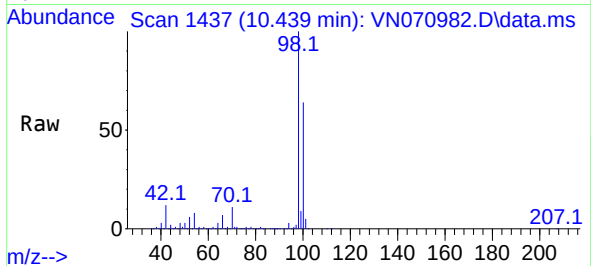




#50
Toluene-d8
Concen: 50.427 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

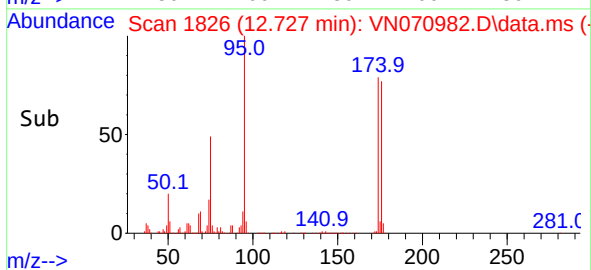
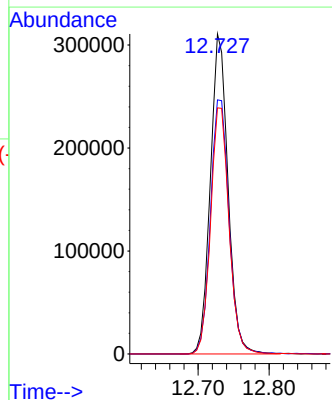
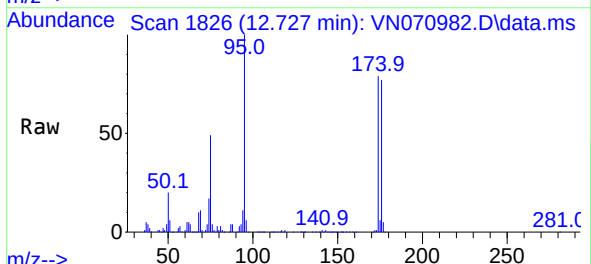
Instrument :
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MH-117N-20220215

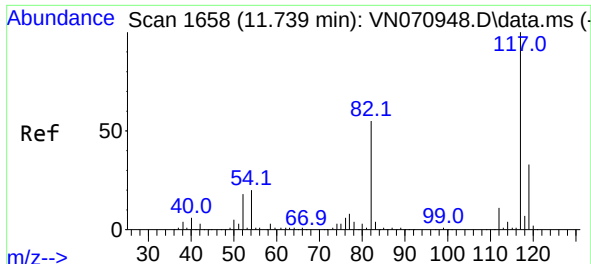
Tgt Ion: 98 Resp: 1679823
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 45.084 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion: 95 Resp: 536823
Ion Ratio Lower Upper
95 100
174 83.6 0.0 187.2
176 80.2 0.0 181.4

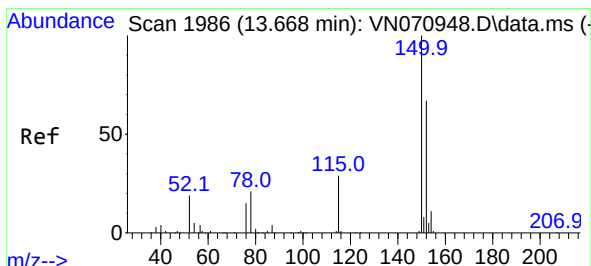
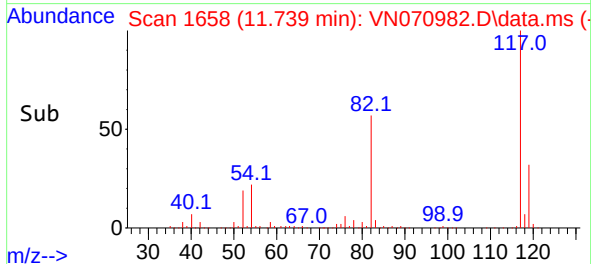
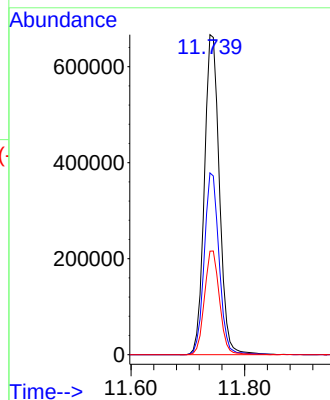
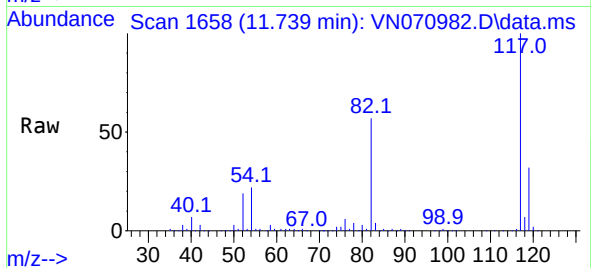




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

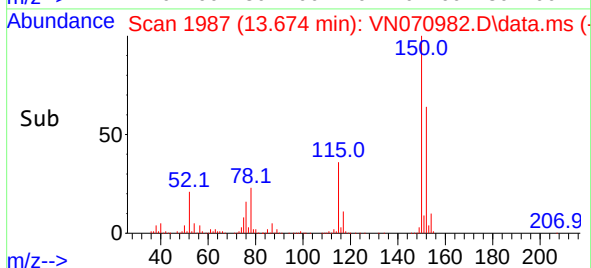
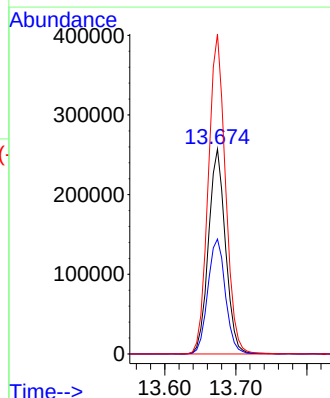
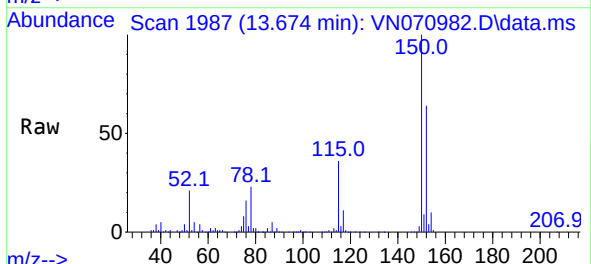
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20220215

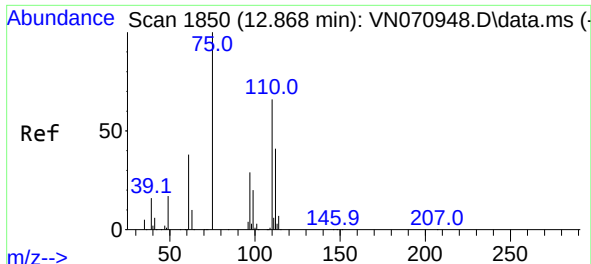
Tgt Ion:117 Resp: 1218904
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion:152 Resp: 428571
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 157.9 0.0 344.4

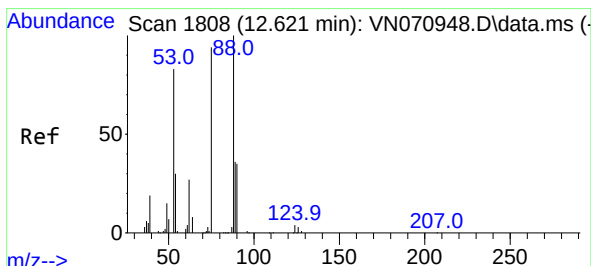
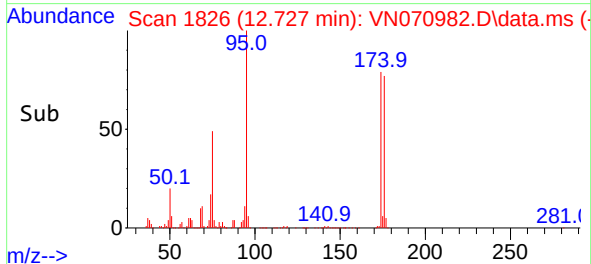
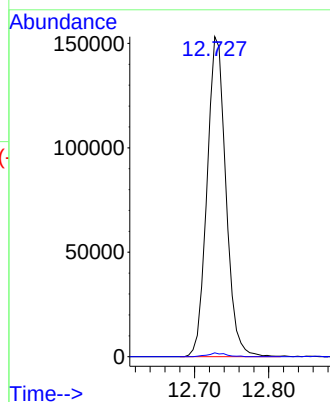
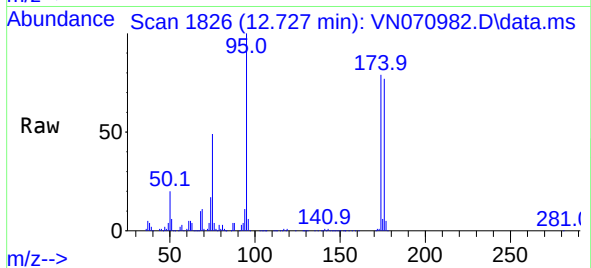




#76
1,2,3-Trichloropropane
Concen: 26.823 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

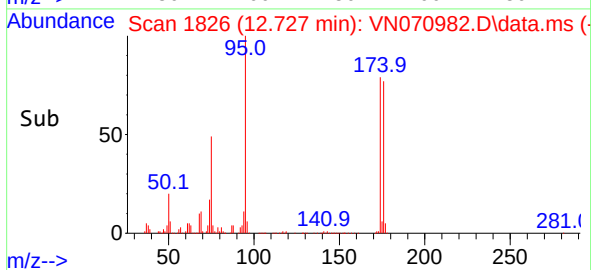
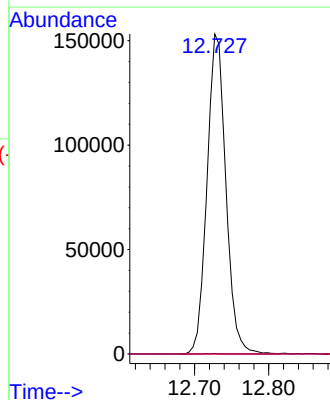
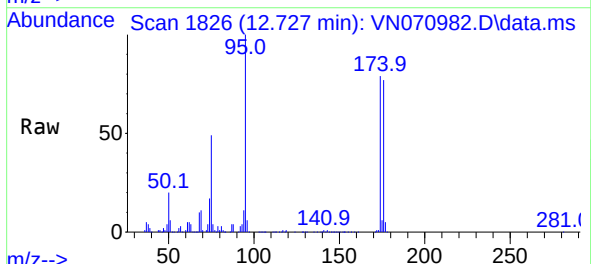
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20220215

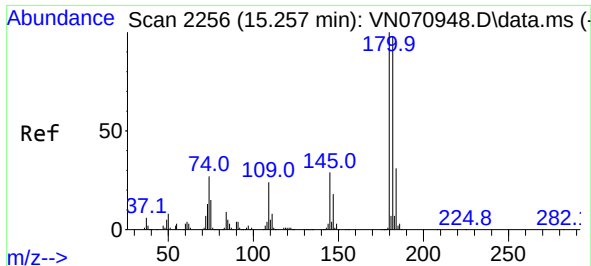
Tgt Ion: 75 Resp: 270666
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.919 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion: 75 Resp: 270666
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

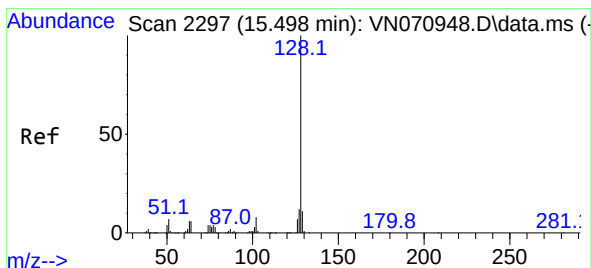
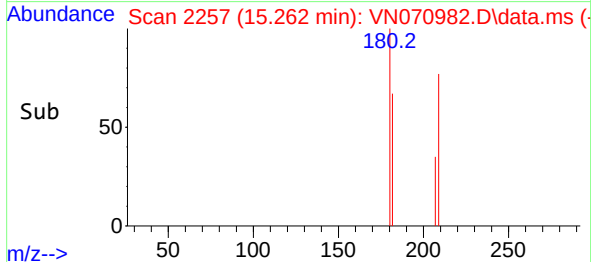
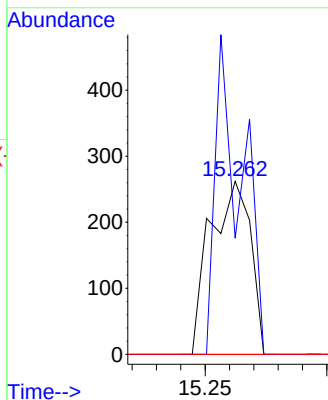
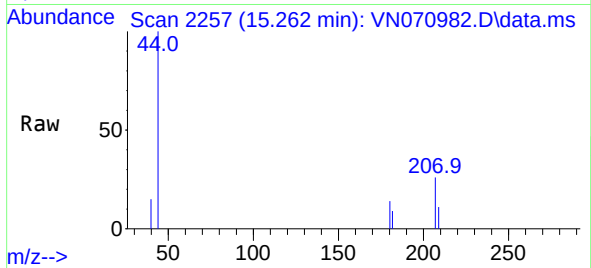




#93
1,2,4-Trichlorobenzene
Concen: 2.036 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

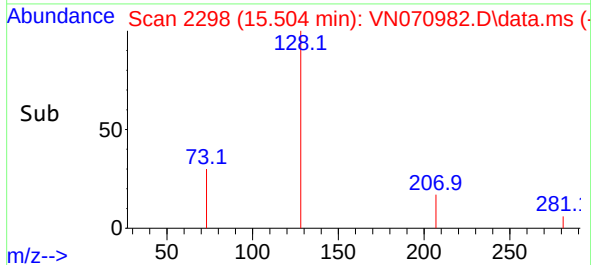
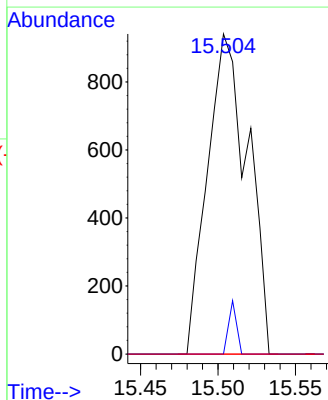
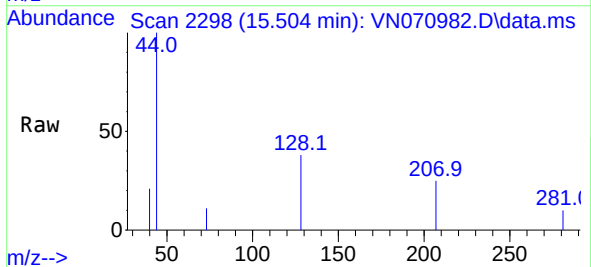
Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20220215

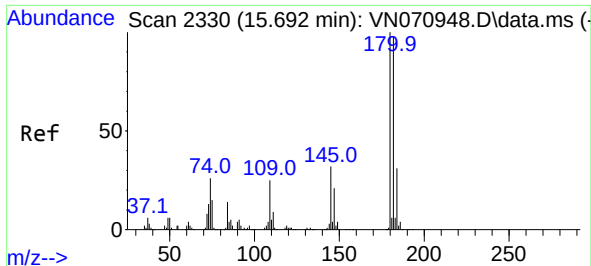
Tgt Ion:	180	Resp:	301
Ion	Ratio	Lower	Upper
180	100		
182	119.3	48.3	144.9
145	0.0	14.5	43.5#



#95
Naphthalene
Concen: 5.070 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion:	128	Resp:	1703
Ion	Ratio	Lower	Upper
128	100		
127	3.2	10.5	15.7#
129	0.0	8.7	13.1#





#96

1,2,3-Trichlorobenzene

Concen: 2.579 ug/l

RT: 15.703 min Scan# 21

Delta R.T. 0.011 min

Lab File: VN070982.D

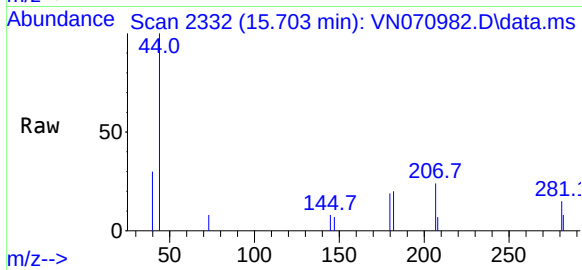
Acq: 17 Feb 2022 16:18

Instrument :

MSVOA_N

ClientSampleId :

MH-117N-20220215



Tgt Ion:180 Resp: 483

Ion Ratio Lower Upper

180 100

182 103.5 47.4 142.2

145 13.5 15.0 45.1#

