

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070988.D
 Acq On : 17 Feb 2022 18:48
 Operator : JC\MD
 Sample : N1581-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-125.9T-20220215

Quant Time: Feb 18 00:49:49 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)

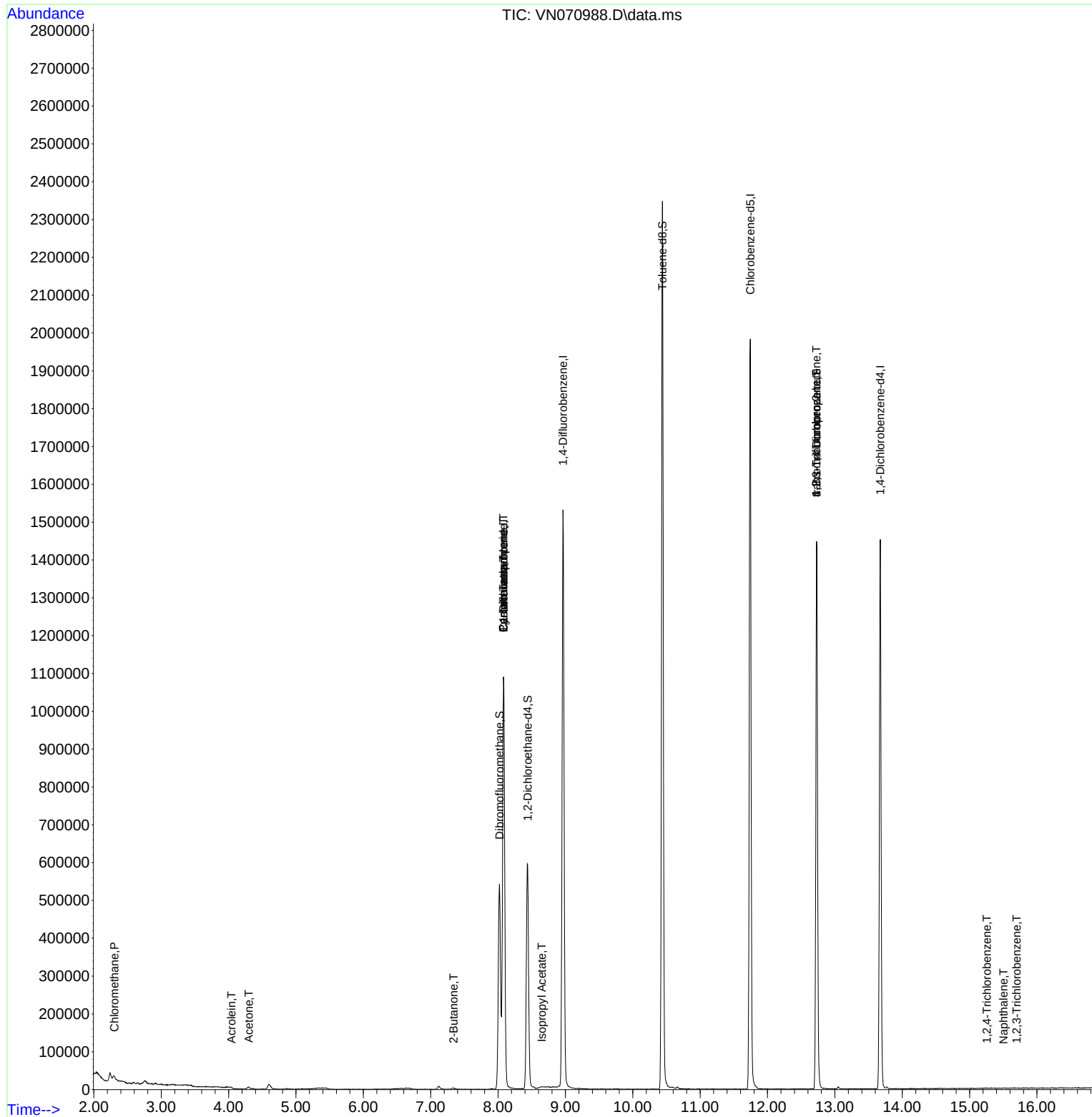
Internal Standards						
1) Pentafluorobenzene	8.081	168	856878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1347069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1197628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	415002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	498816	50.961	ug/l	0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.920%	
35) Dibromofluoromethane	8.022	113	396494	49.485	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.980%	
50) Toluene-d8	10.439	98	1612296	50.107	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.727	95	518693	45.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.200%	
Target Compounds						Qvalue
3) Chloromethane	2.305	50	2366	0.212	ug/l	91
13) Acrolein	4.040	56	888	0.557	ug/l #	44
16) Acetone	4.299	43	5505	1.021	ug/l #	76
18) Methyl Acetate	4.863	43	3234	Below Cal	#	78
25) 2-Butanone	7.340	43	2604	0.363	ug/l #	85
31) Cyclohexane	8.081	56	16546	0.977	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	64526	4.916	ug/l #	49
38) Carbon Tetrachloride	8.081	117	81039	6.266	ug/l #	17
43) Isopropyl Acetate	8.651	43	6784	0.306	ug/l #	55
76) 1,2,3-Trichloropropane	12.727	75	262452	26.859	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	262452	87.037	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.257	180	113	2.013	ug/l #	69
95) Naphthalene	15.504	128	1122	5.044	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.698	180	267	2.552	ug/l #	78

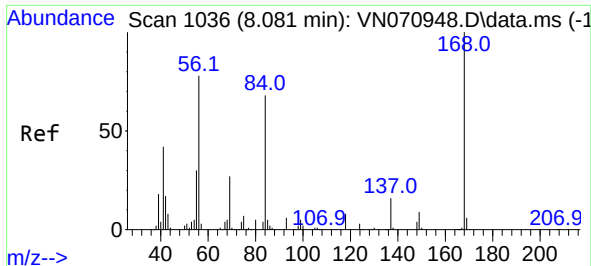
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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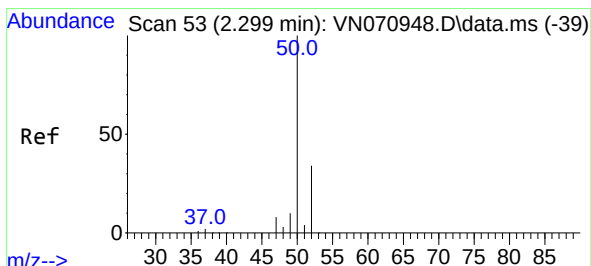
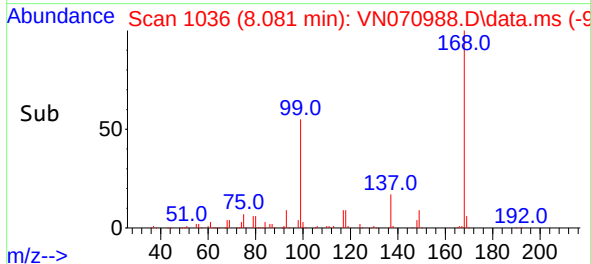
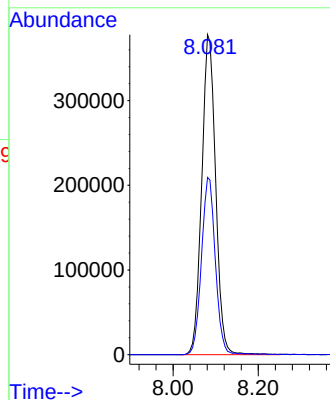
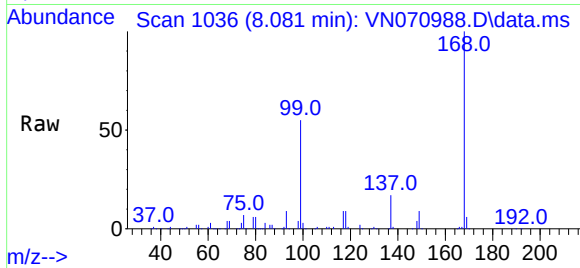




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

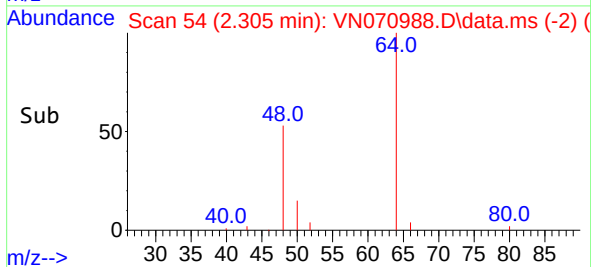
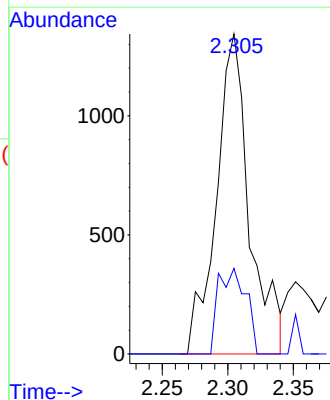
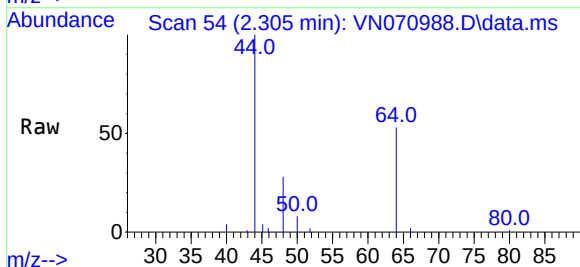
Instrument :
MSVOA_N
ClientSampleId :
MH-125.9T-20220215

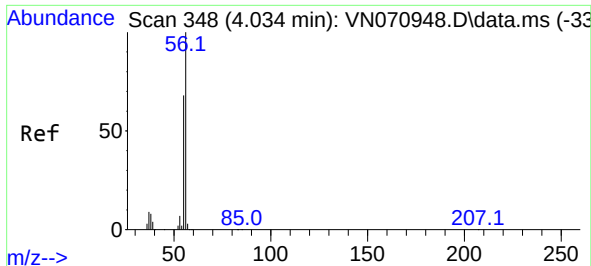
Tgt Ion:168 Resp: 856878
Ion Ratio Lower Upper
168 100
99 55.4 41.3 61.9



#3
Chloromethane
Concen: 0.212 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

Tgt Ion: 50 Resp: 2366
Ion Ratio Lower Upper
50 100
52 26.8 25.4 38.0

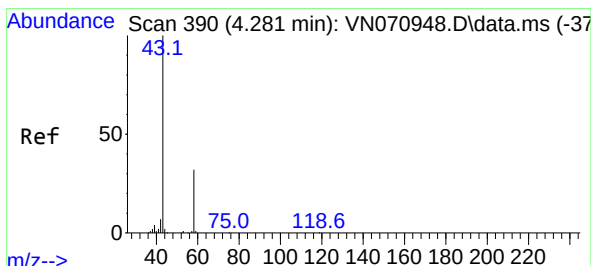
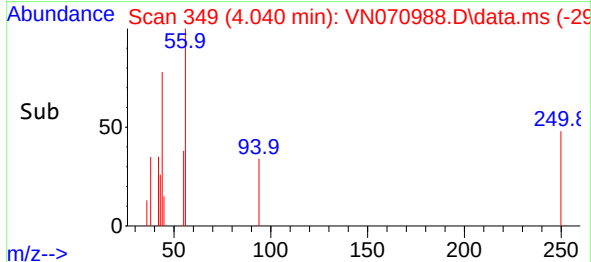
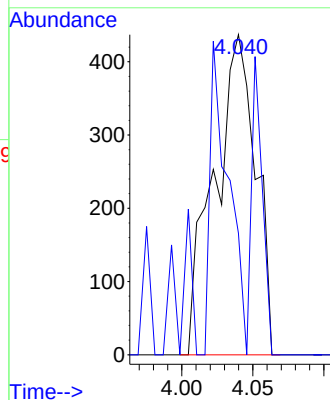
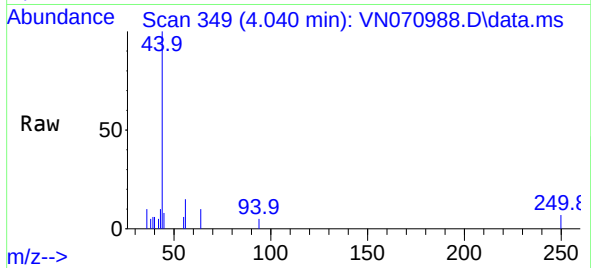




#13
Acrolein
Concen: 0.557 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

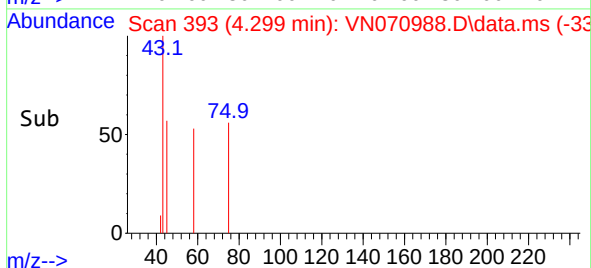
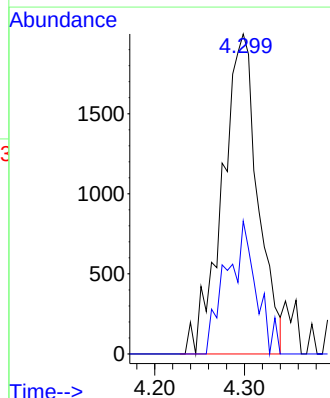
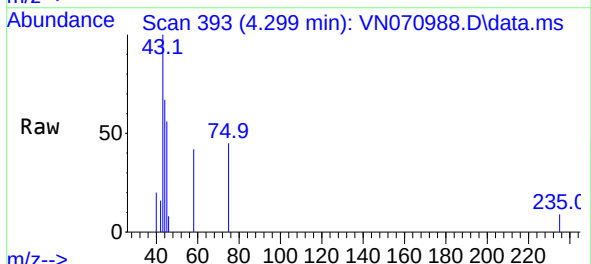
Instrument :
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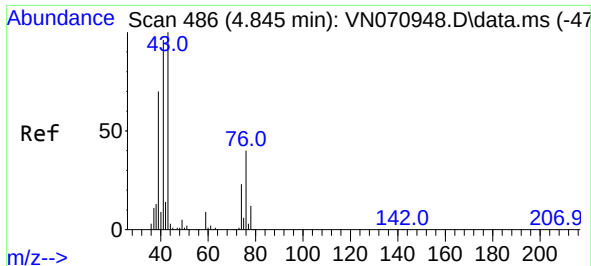
Tgt Ion: 56 Resp: 888
Ion Ratio Lower Upper
56 100
55 24.2 56.6 85.0#



#16
Acetone
Concen: 1.021 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

Tgt Ion: 43 Resp: 5505
Ion Ratio Lower Upper
43 100
58 41.5 23.1 34.7#

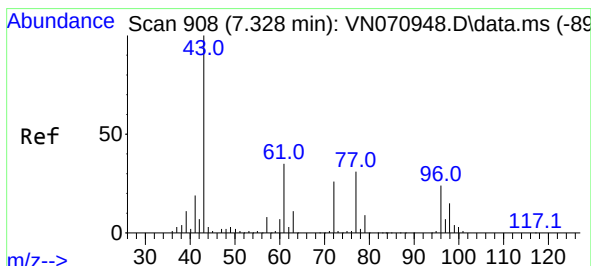
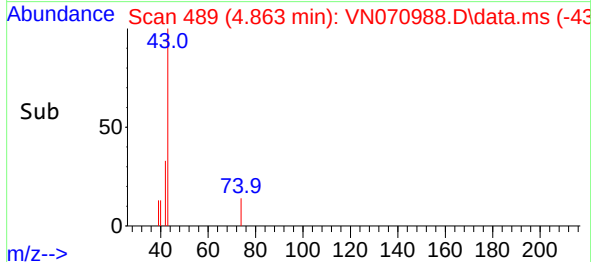
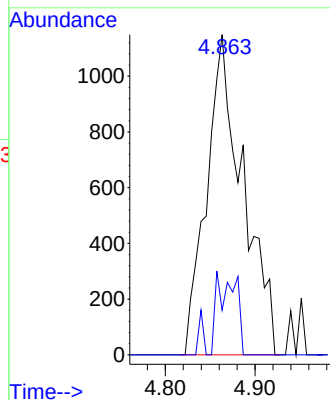
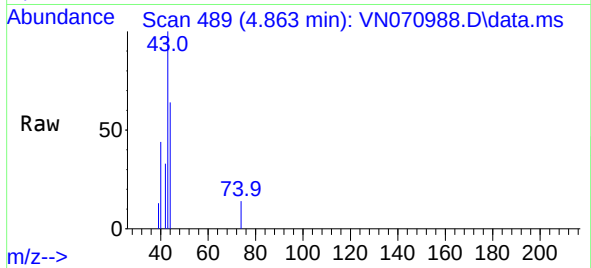




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

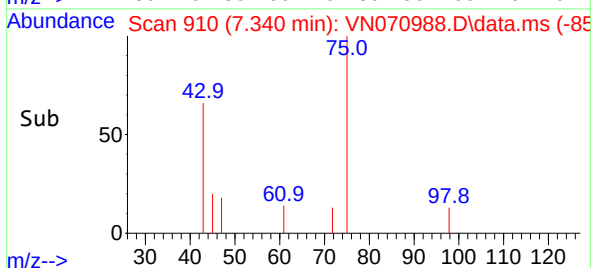
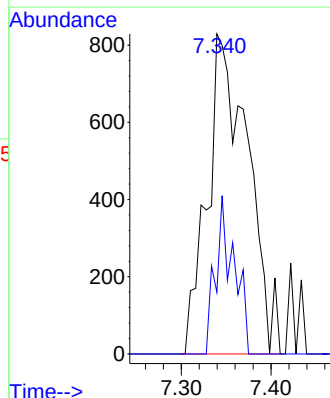
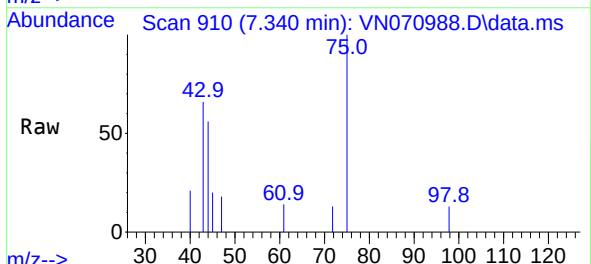
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MSVOA_N
ClientSampleId :
MH-125.9T-20220215

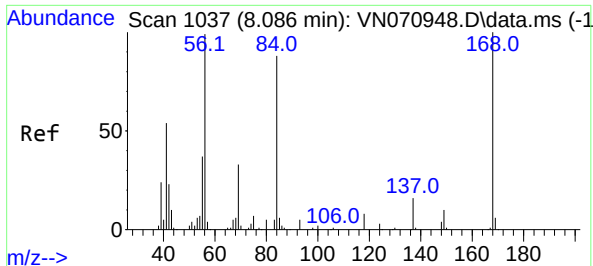
Tgt Ion: 43 Resp: 3234
Ion Ratio Lower Upper
43 100
74 13.4 19.4 29.2#



#25
2-Butanone
Concen: 0.363 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

Tgt Ion: 43 Resp: 2604
Ion Ratio Lower Upper
43 100
72 19.3 21.7 32.5#





#31

Cyclohexane

Concen: 0.977 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN070988.D

Acq: 17 Feb 2022 18:48

Instrument :

MSVOA_N

ClientSampleId :

MH-125.9T-20220215

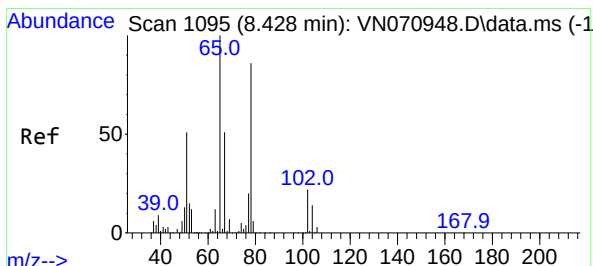
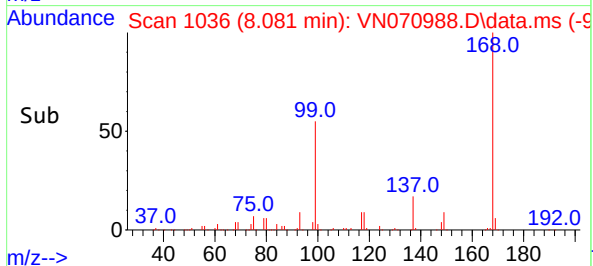
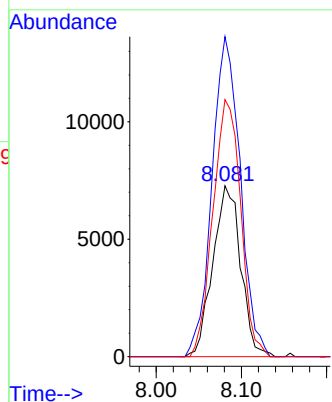
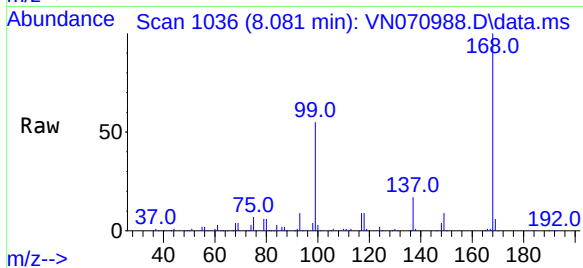
Tgt Ion: 56 Resp: 16546

Ion Ratio Lower Upper

56 100

69 187.2 27.1 40.7#

84 150.4 73.4 110.0#



#33

1,2-Dichloroethane-d4

Concen: 50.961 ug/l

RT: 8.440 min Scan# 1097

Delta R.T. 0.012 min

Lab File: VN070988.D

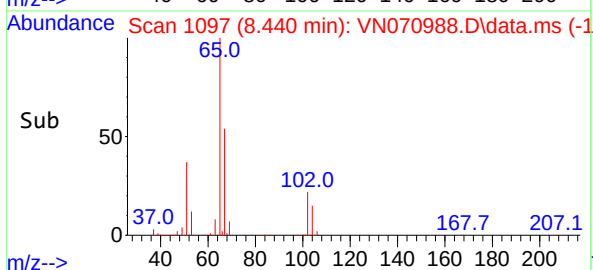
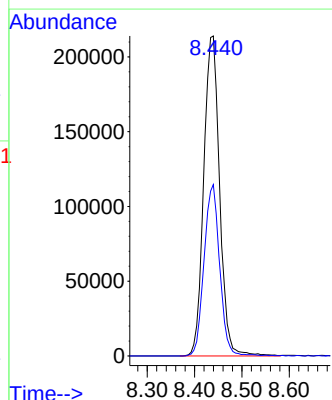
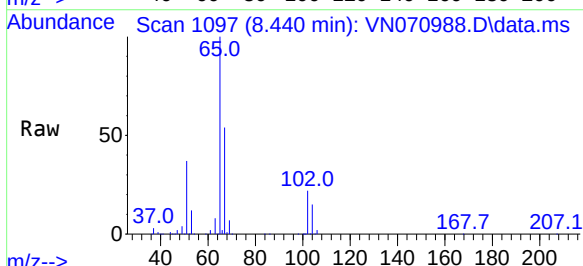
Acq: 17 Feb 2022 18:48

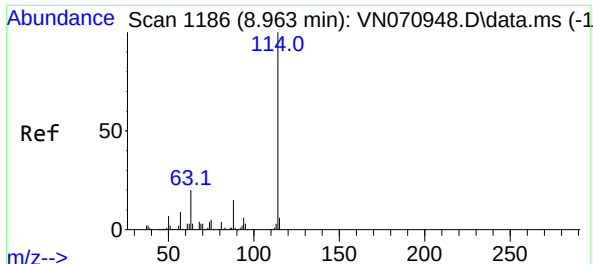
Tgt Ion: 65 Resp: 498816

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0

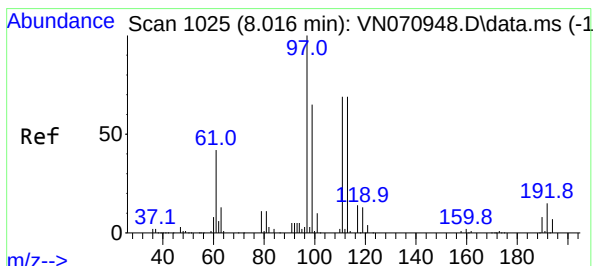
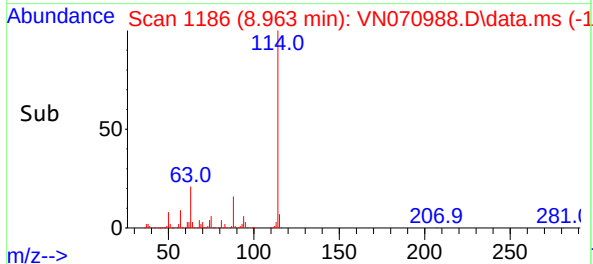
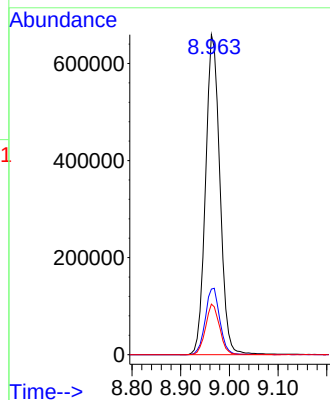
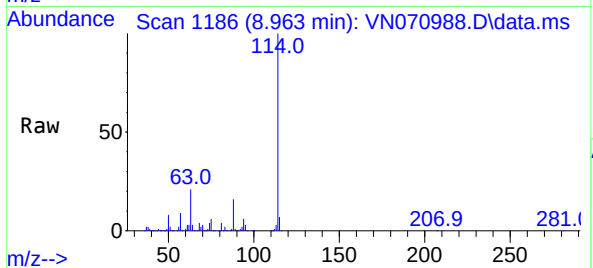




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

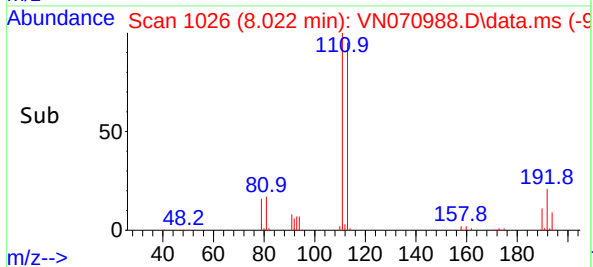
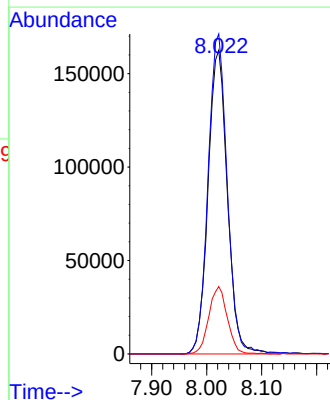
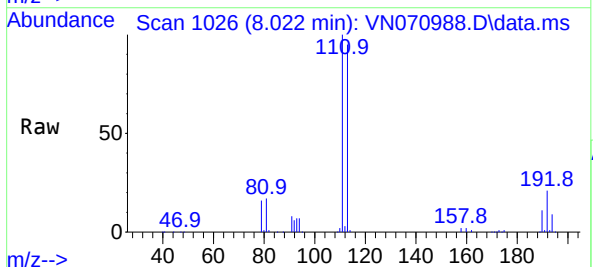
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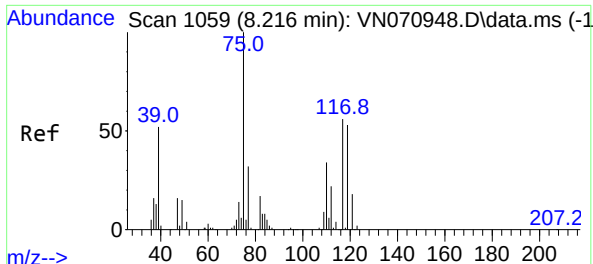
Tgt Ion:114 Resp: 1347069
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.8
88 15.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.485 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

Tgt Ion:113 Resp: 396494
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 21.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.916 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN070988.D

Acq: 17 Feb 2022 18:48

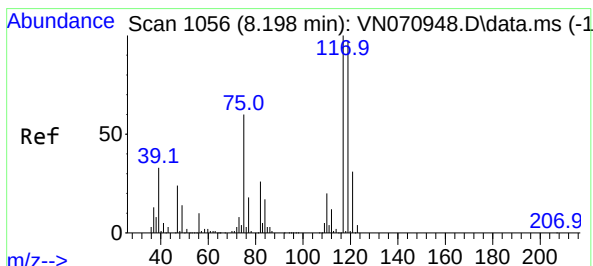
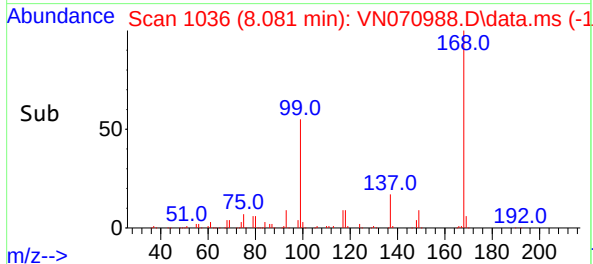
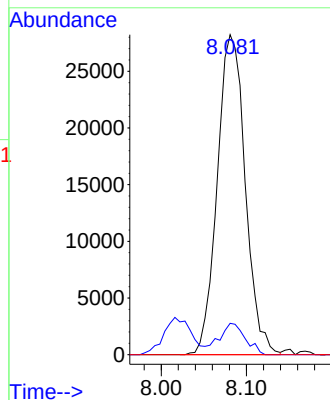
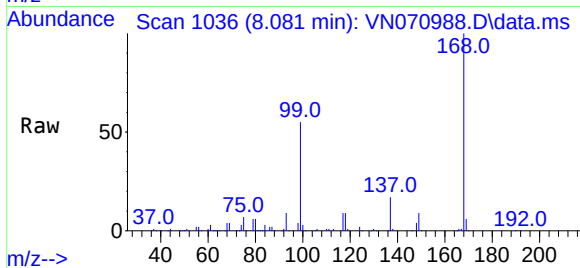
Instrument :

MSVOA_N

ClientSampleId :

MH-125.9T-20220215

Tgt Ion:	75	Resp:	64526
Ion Ratio	Lower	Upper	
75	100		
110	9.1	18.4	55.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 6.266 ug/l

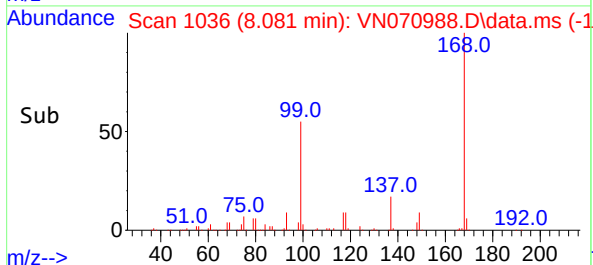
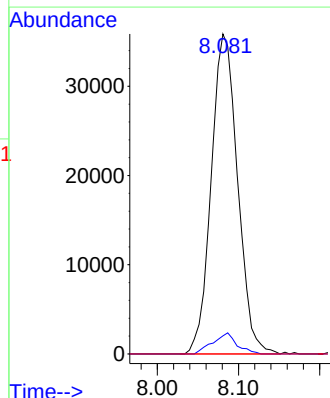
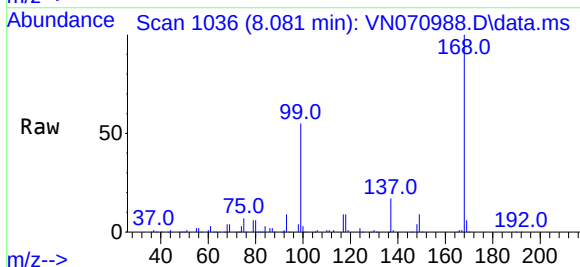
RT: 8.081 min Scan# 1036

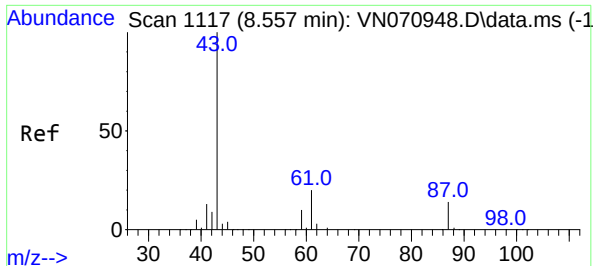
Delta R.T. -0.117 min

Lab File: VN070988.D

Acq: 17 Feb 2022 18:48

Tgt Ion:	117	Resp:	81039
Ion Ratio	Lower	Upper	
117	100		
119	5.6	76.1	114.1#
121	0.0	24.2	36.2#

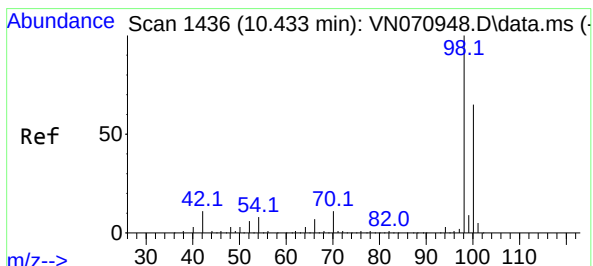
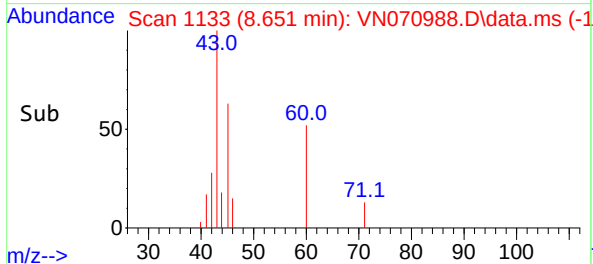
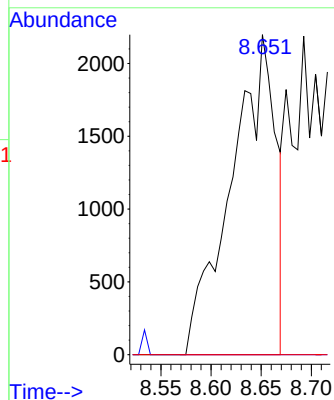
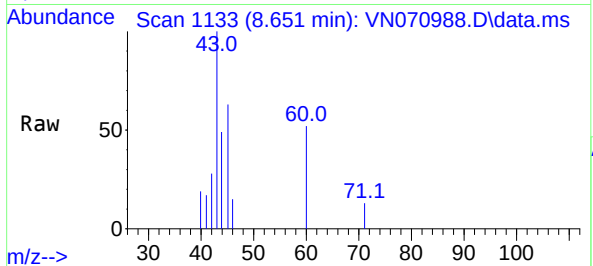




#43
Isopropyl Acetate
Concen: 0.306 ug/l
RT: 8.651 min Scan# 1117
Delta R.T. 0.094 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

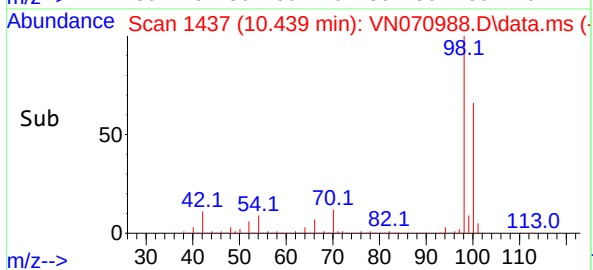
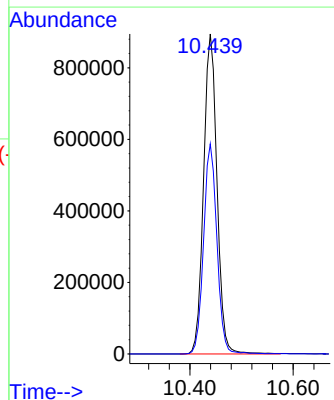
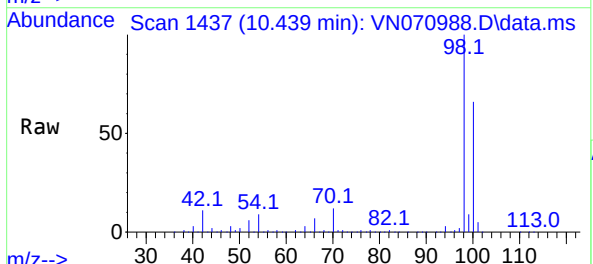
Instrument :
MSVOA_N
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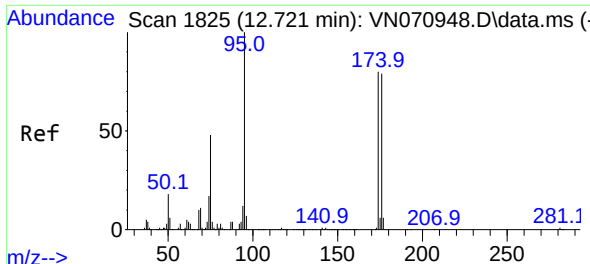
Tgt Ion: 43 Resp: 6784
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 50.107 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

Tgt Ion: 98 Resp: 1612296
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

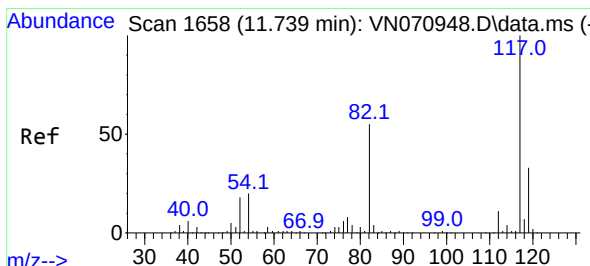
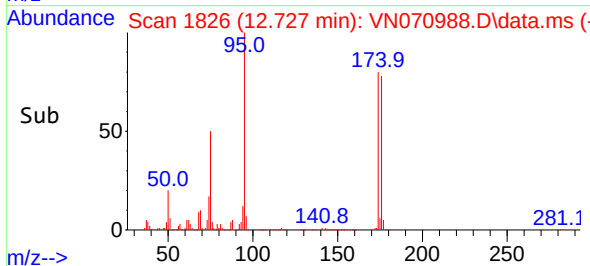
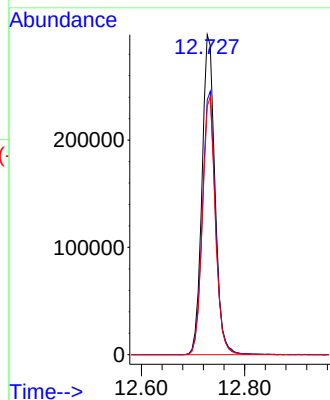
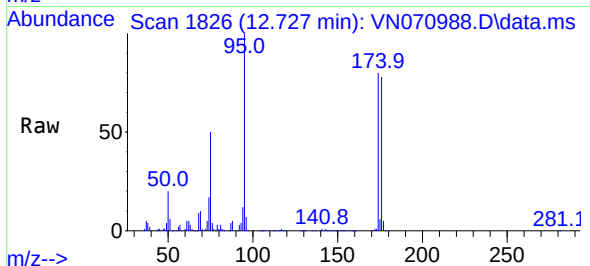




#62
4-Bromofluorobenzene
Concen: 45.098 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

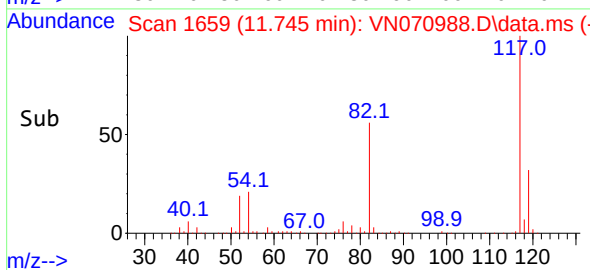
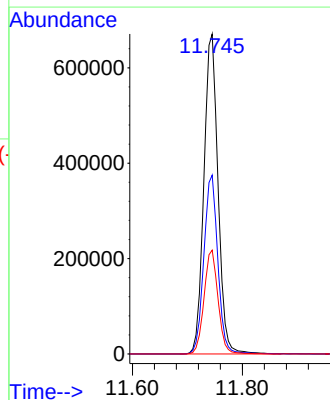
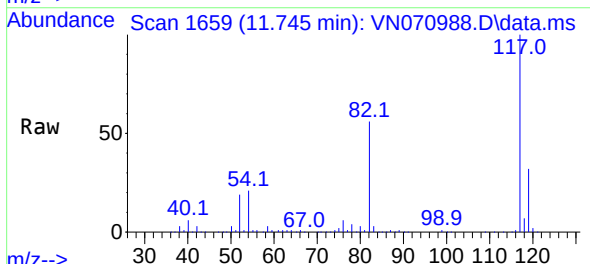
Instrument :
MSVOA_N
ClientSampleId :
MH-125.9T-20220215

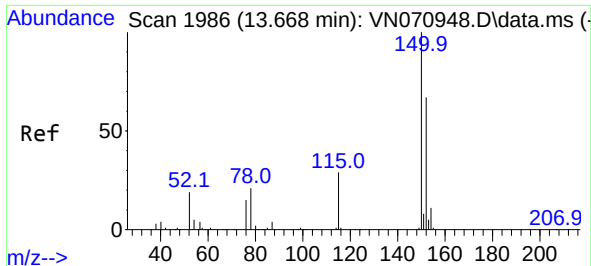
Tgt Ion: 95 Resp: 518693
Ion Ratio Lower Upper
95 100
174 83.2 0.0 187.2
176 80.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

Tgt Ion: 117 Resp: 1197628
Ion Ratio Lower Upper
117 100
82 55.9 42.4 63.6
119 32.4 25.4 38.2

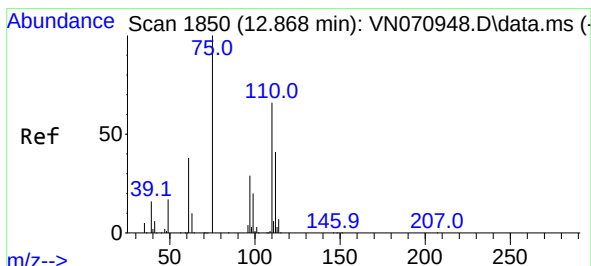
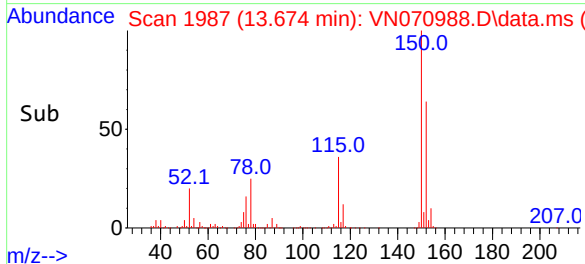
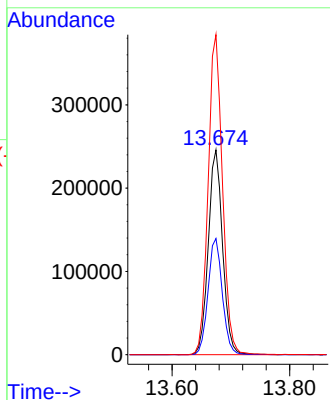
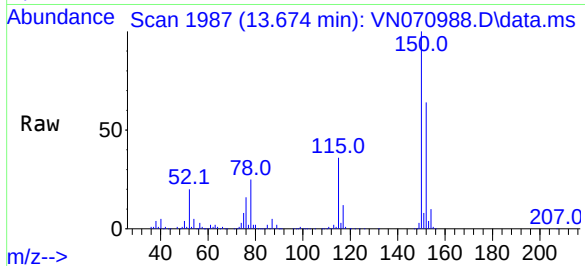




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: VN070988.D
 Acq: 17 Feb 2022 18:48

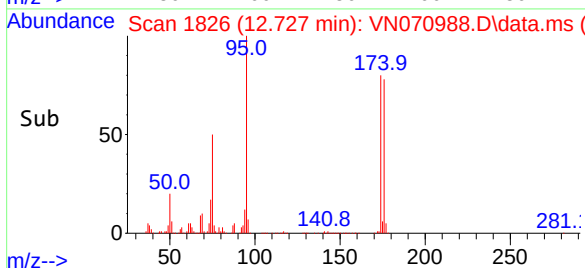
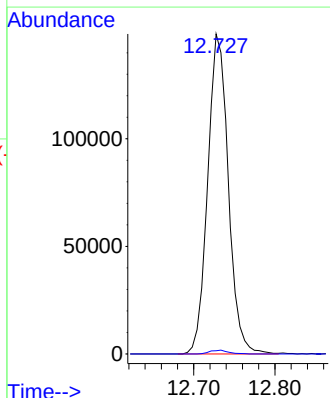
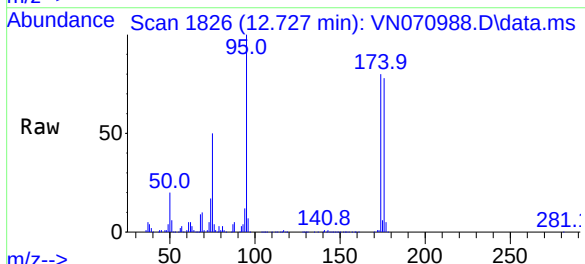
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-125.9T-20220215

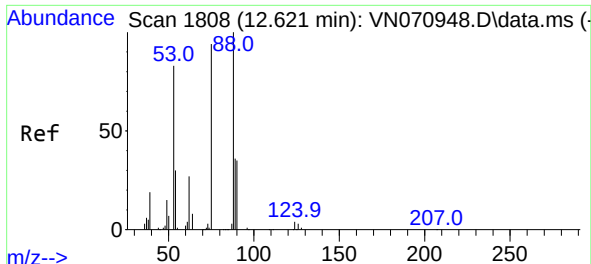
Tgt Ion:152 Resp: 415002
 Ion Ratio Lower Upper
 152 100
 115 56.6 27.5 82.5
 150 156.2 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 26.859 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.141 min
 Lab File: VN070988.D
 Acq: 17 Feb 2022 18:48

Tgt Ion: 75 Resp: 262452
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

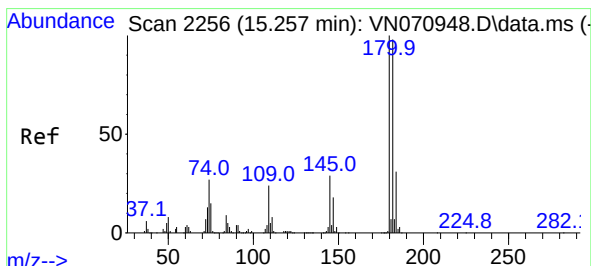
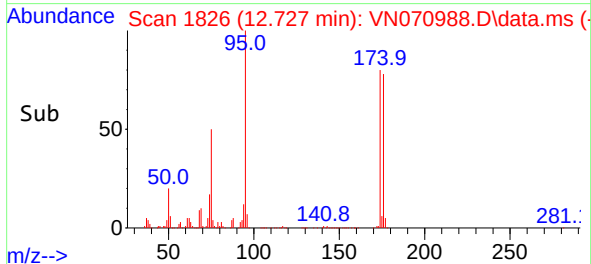
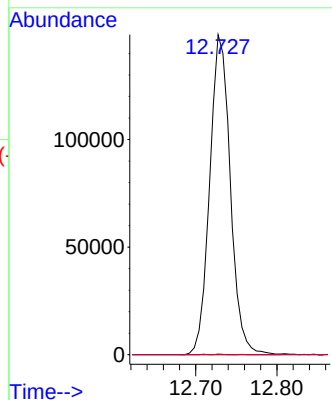
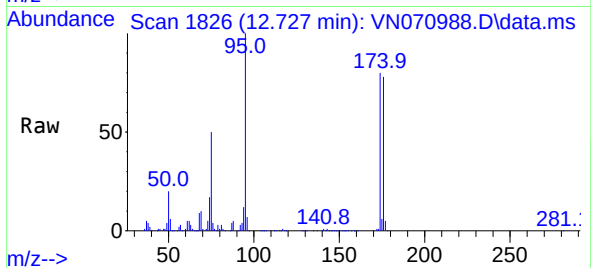




#81
trans-1,4-Dichloro-2-butene
Concen: 87.037 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

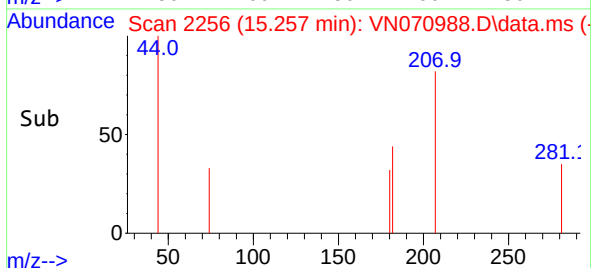
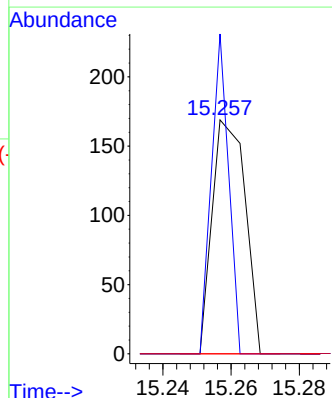
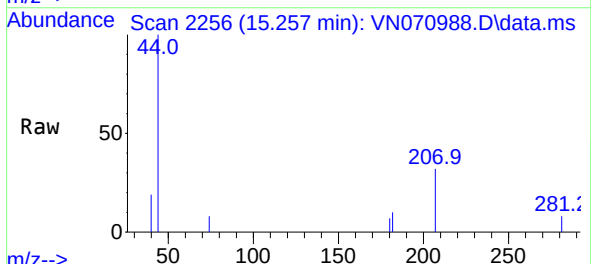
Instrument :
MSVOA_N
ClientSampleId :
MH-125.9T-20220215

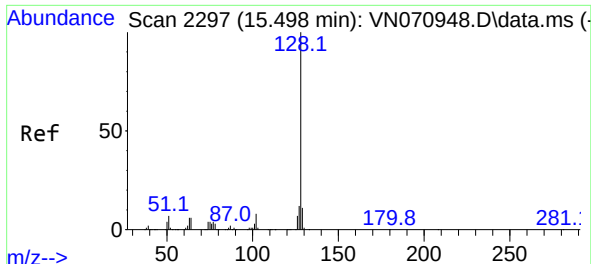
Tgt Ion: 75 Resp: 262452
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.013 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

Tgt Ion:180 Resp: 113
Ion Ratio Lower Upper
180 100
182 72.6 48.3 144.9
145 0.0 14.5 43.5#

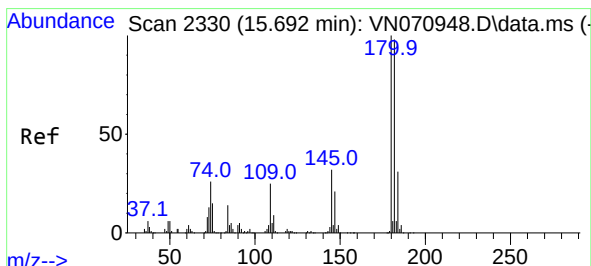
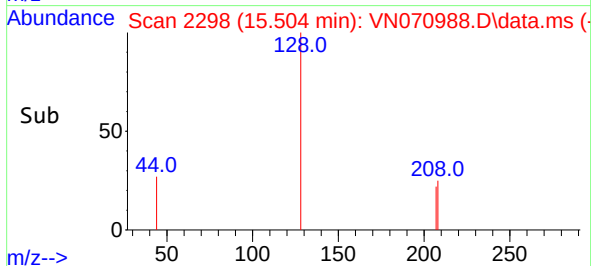
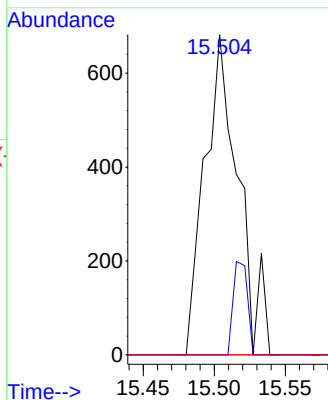
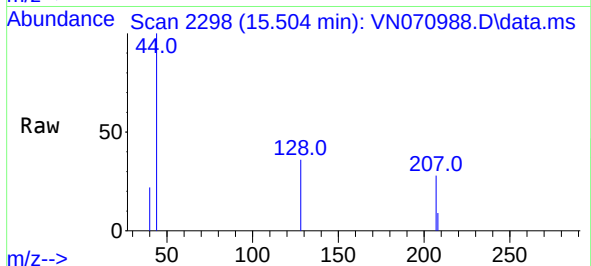




#95
Naphthalene
Concen: 5.044 ug/l
RT: 15.504 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

Instrument :
MSVOA_N
ClientSampleId :
MH-125.9T-20220215

Tgt Ion:128 Resp: 1122
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.552 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN070988.D
Acq: 17 Feb 2022 18:48

Tgt Ion:180 Resp: 267
Ion Ratio Lower Upper
180 100
182 84.3 47.4 142.2
145 0.0 15.0 45.1#

