

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070990.D
 Acq On : 17 Feb 2022 19:38
 Operator : JC\MD
 Sample : N1581-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-388.9-20220215

Quant Time: Feb 18 00:50:44 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)

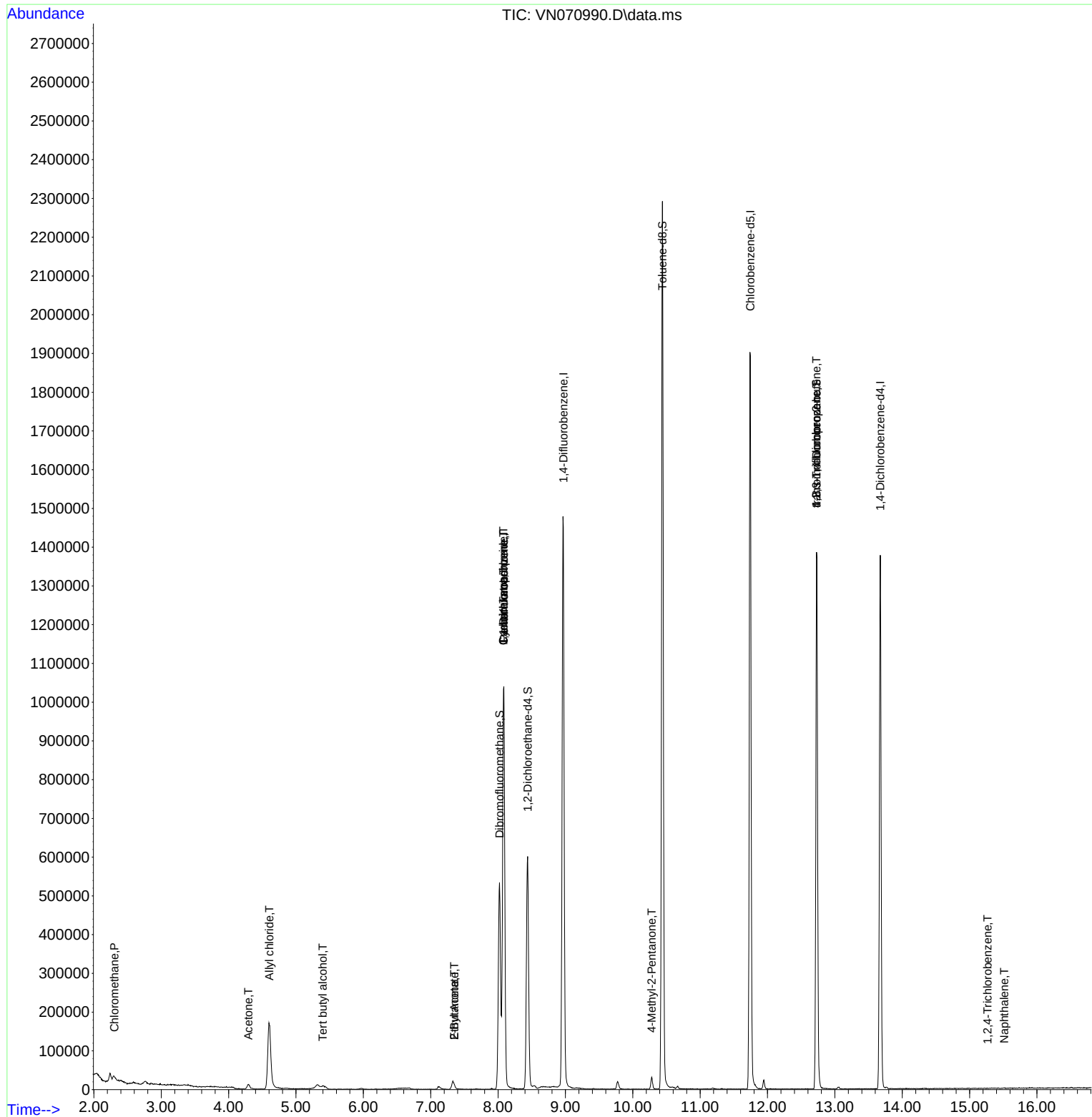
Internal Standards						
1) Pentafluorobenzene	8.086	168	831250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1319912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1158538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	402956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	492429	51.859	ug/l	0.01
Spiked Amount	50.000	Range 61 - 141	Recovery	= 103.720%		
35) Dibromofluoromethane	8.022	113	389684	49.636	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 99.280%		
50) Toluene-d8	10.439	98	1586921	50.333	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.660%		
62) 4-Bromofluorobenzene	12.727	95	499535	44.326	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 88.660%		
Target Compounds						
						Qvalue
3) Chloromethane	2.304	50	2304	0.212	ug/l	97
11) Tert butyl alcohol	5.398	59	8721	5.040	ug/l #	81
14) Allyl chloride	4.604	41	29243	1.884	ug/l #	76
16) Acetone	4.292	43	19201	3.672	ug/l	95
18) Methyl Acetate	4.863	43	2933	Below Cal	#	76
25) 2-Butanone	7.351	43	4389	0.631	ug/l	94
31) Cyclohexane	8.080	56	17106	1.042	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	62640	4.870	ug/l #	48
37) Ethyl Acetate	7.351	43	4389	0.318	ug/l #	70
38) Carbon Tetrachloride	8.080	117	80511	6.353	ug/l #	17
51) 4-Methyl-2-Pentanone	10.280	43	14457	1.093	ug/l #	37
76) 1,2,3-Trichloropropane	12.727	75	253580	26.727	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	253580	86.609	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	74	2.008	ug/l #	12
95) Naphthalene	15.515	128	804	5.030	ug/l #	69

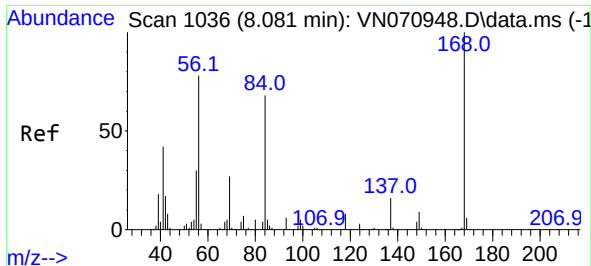
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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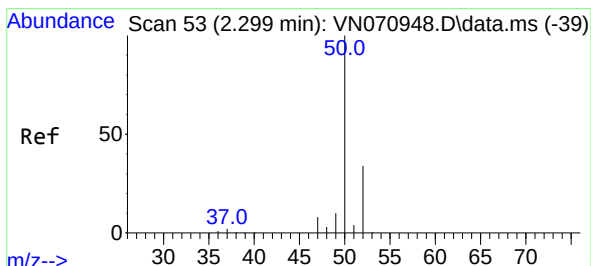
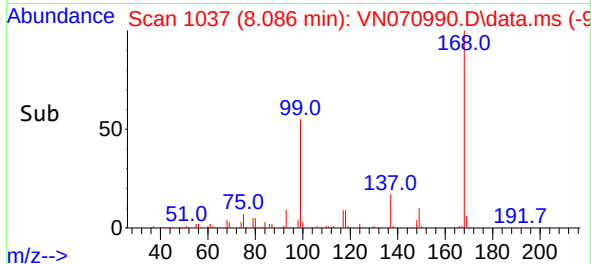
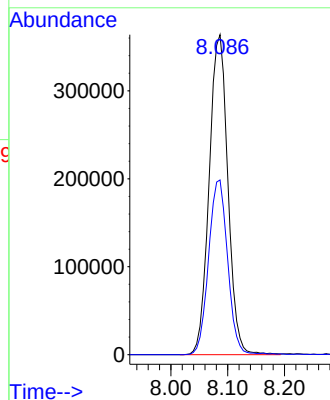
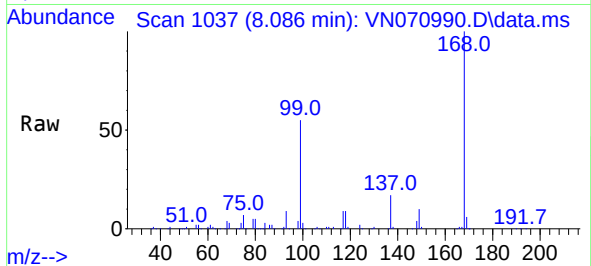




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

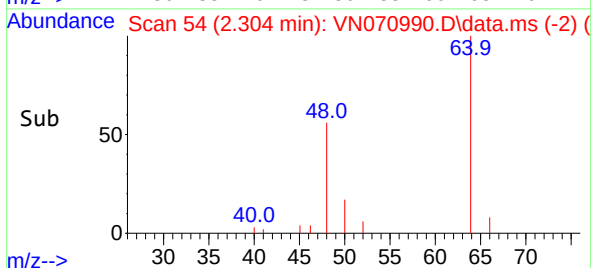
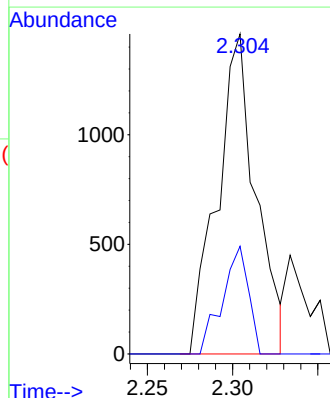
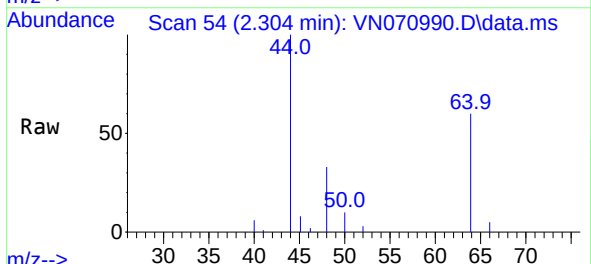
Instrument :
MSVOA_N
ClientSampleId :
MH-388.9-20220215

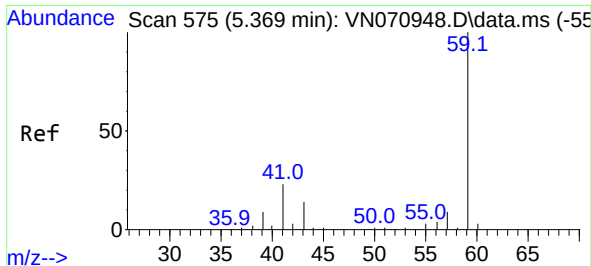
Tgt Ion:168 Resp: 831250
Ion Ratio Lower Upper
168 100
99 54.6 41.3 61.9



#3
Chloromethane
Concen: 0.212 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

Tgt Ion: 50 Resp: 2304
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.0

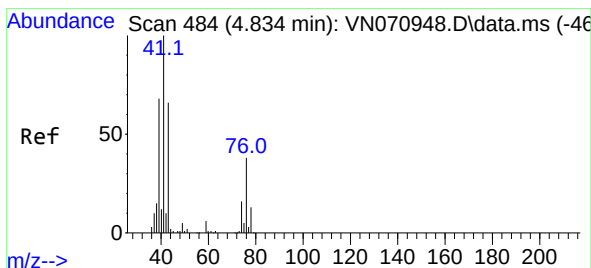
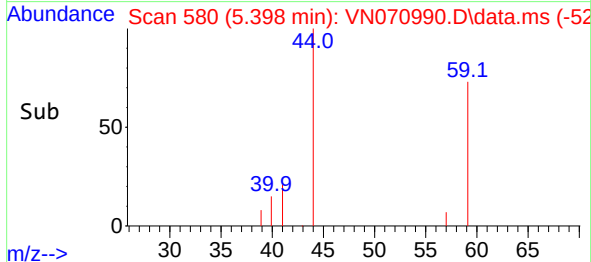
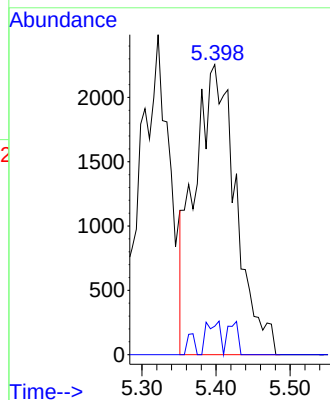
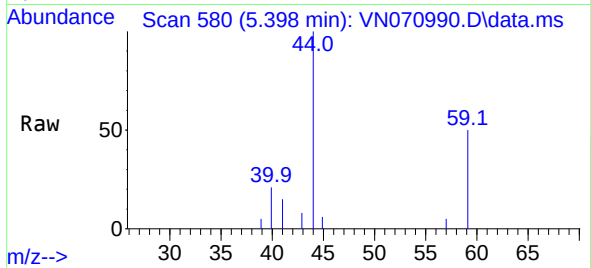




#11
Tert butyl alcohol
Concen: 5.040 ug/l
RT: 5.398 min Scan# 51
Delta R.T. 0.029 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

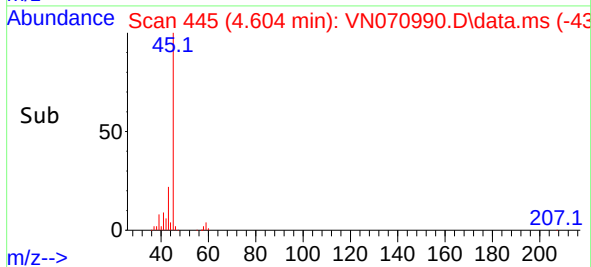
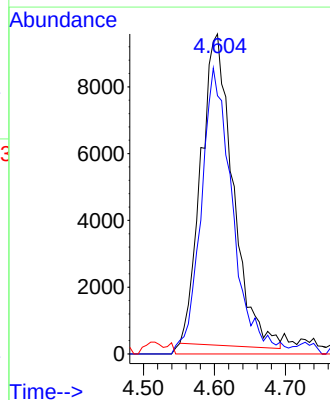
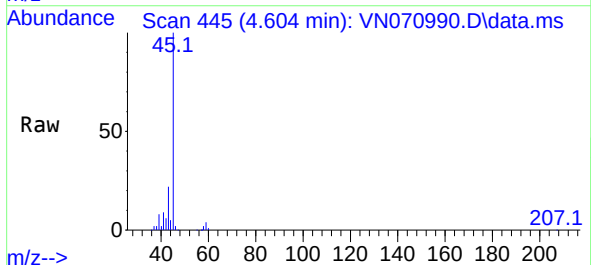
Instrument :
MSVOA_N
ClientSampleId :
MH-388.9-20220215

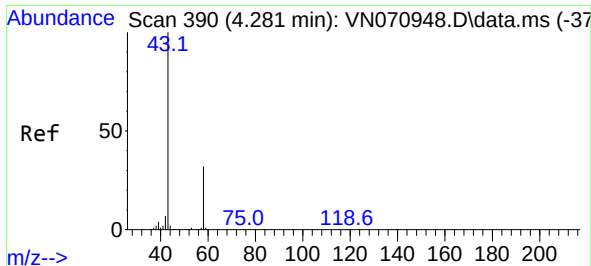
Tgt Ion: 59 Resp: 8721
Ion Ratio Lower Upper
59 100
57 3.8 8.7 13.1#



#14
Allyl chloride
Concen: 1.884 ug/l
RT: 4.604 min Scan# 445
Delta R.T. -0.229 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

Tgt Ion: 41 Resp: 29243
Ion Ratio Lower Upper
41 100
39 84.8 61.2 91.8
76 0.0 26.0 39.0#

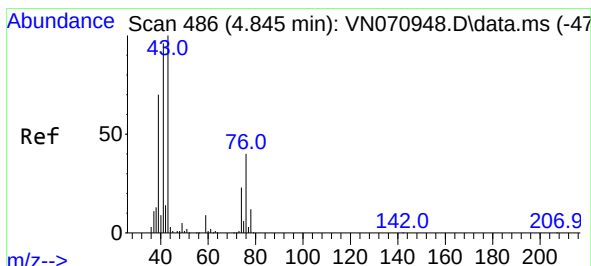
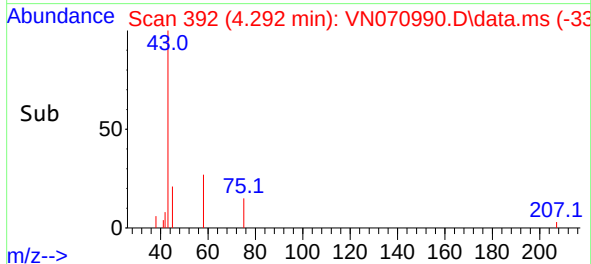
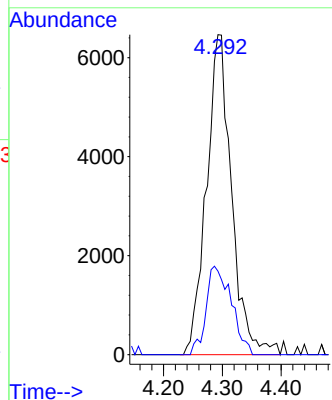
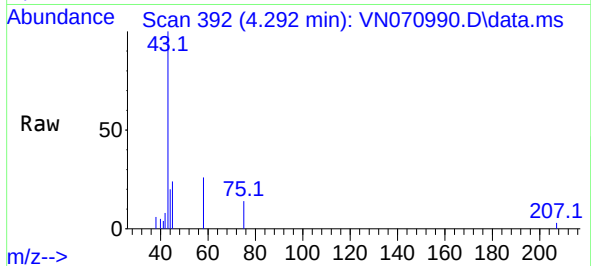




#16
Acetone
Concen: 3.672 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

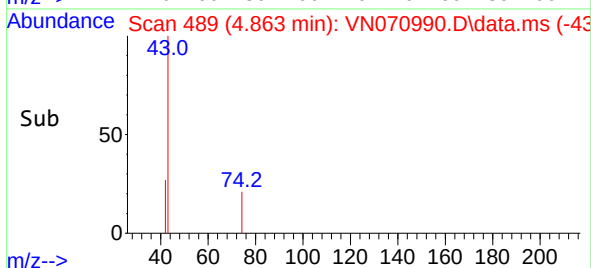
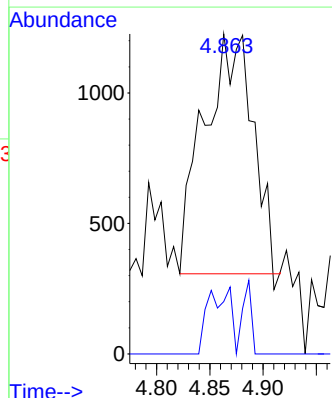
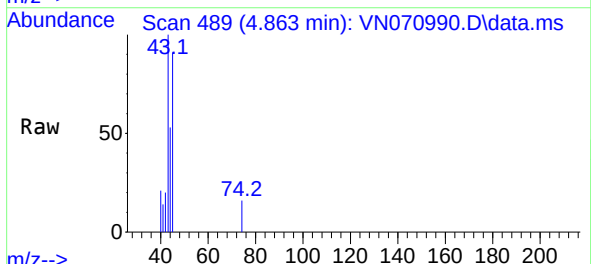
Instrument :
MSVOA_N
ClientSampleId :
MH-388.9-20220215

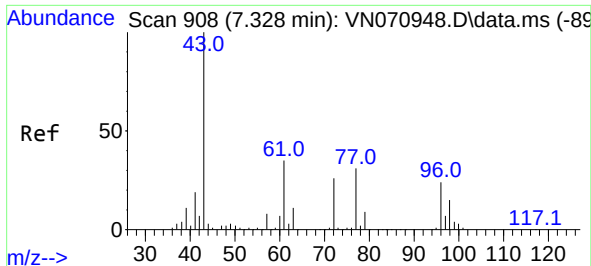
Tgt Ion: 43 Resp: 19201
Ion Ratio Lower Upper
43 100
58 26.1 23.1 34.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.018 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

Tgt Ion: 43 Resp: 2933
Ion Ratio Lower Upper
43 100
74 12.6 19.4 29.2#

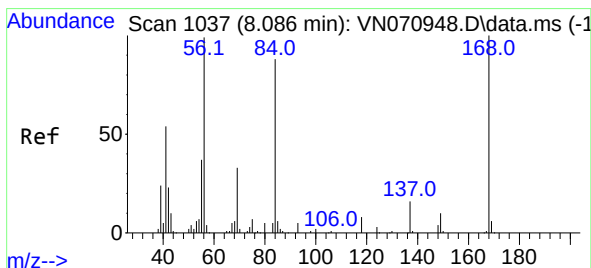
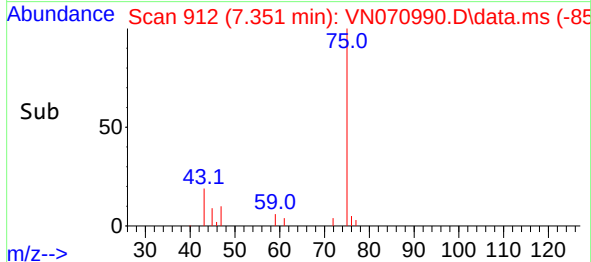
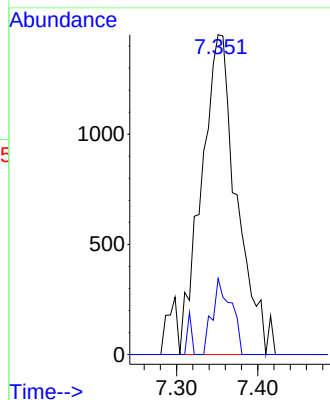
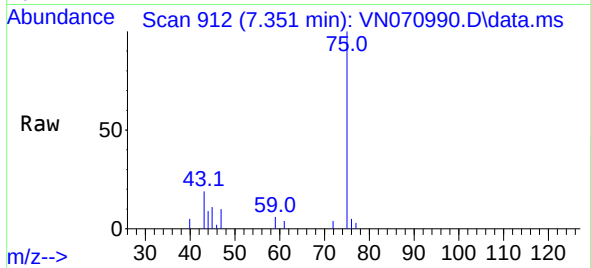




#25
2-Butanone
Concen: 0.631 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

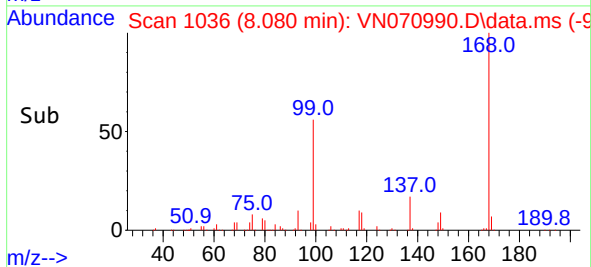
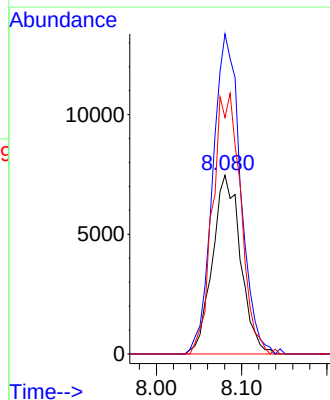
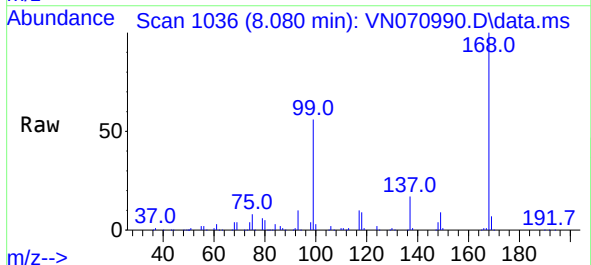
Instrument :
MSVOA_N
ClientSampleId :
MH-388.9-20220215

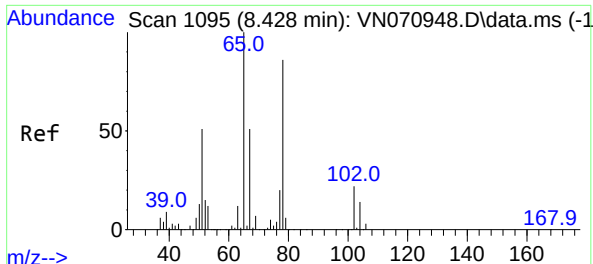
Tgt Ion: 43 Resp: 4389
Ion Ratio Lower Upper
43 100
72 23.8 21.7 32.5



#31
Cyclohexane
Concen: 1.042 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

Tgt Ion: 56 Resp: 17106
Ion Ratio Lower Upper
56 100
69 179.0 27.1 40.7#
84 132.3 73.4 110.0#

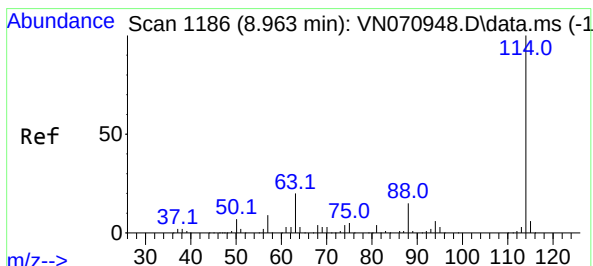
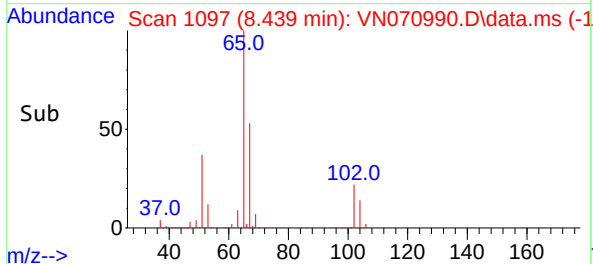
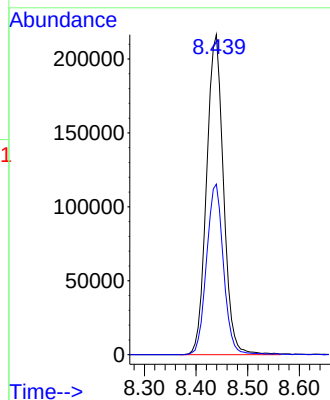
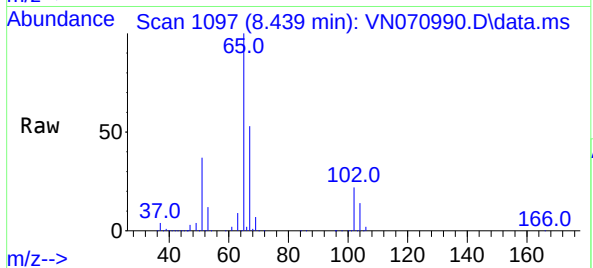




#33
1,2-Dichloroethane-d4
Concen: 51.859 ug/l
RT: 8.439 min Scan# 110
Delta R.T. 0.012 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

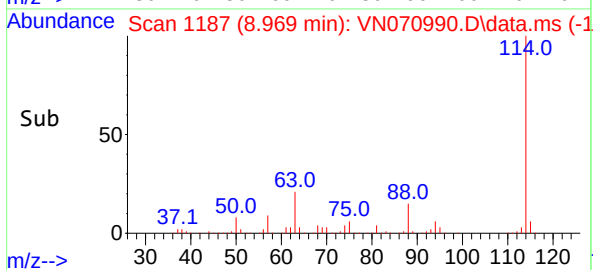
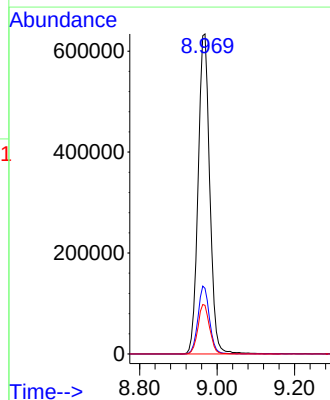
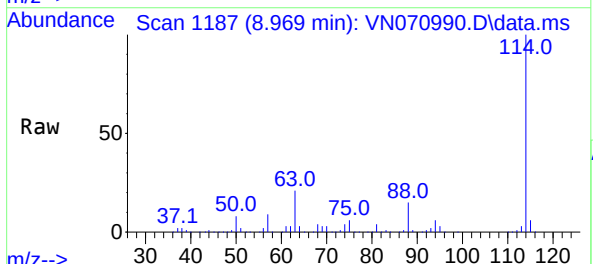
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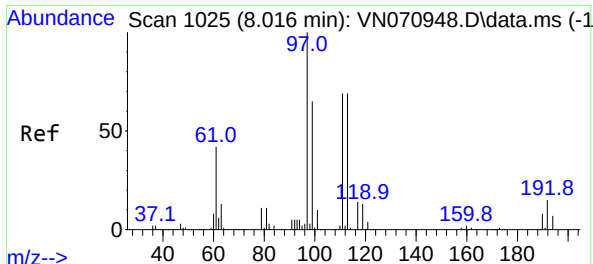
Tgt Ion: 65 Resp: 492429
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

Tgt Ion:114 Resp: 1319912
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.8
88 15.2 0.0 27.4

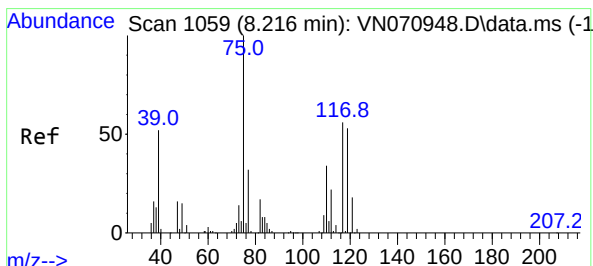
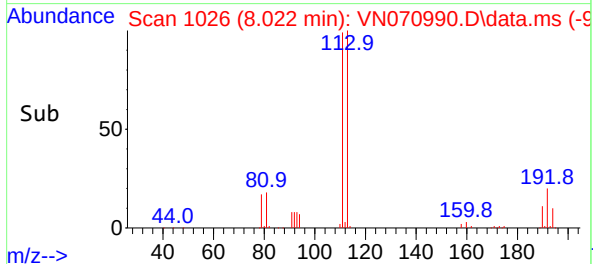
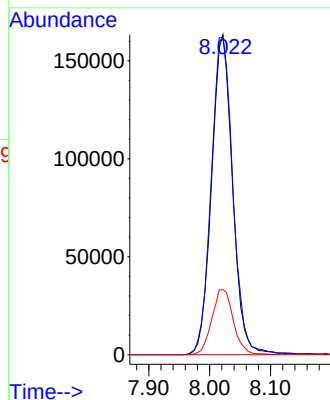
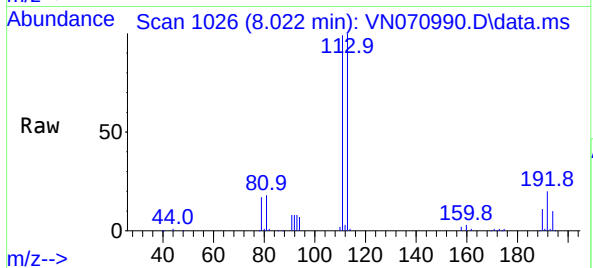




#35
Dibromofluoromethane
Concen: 49.636 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

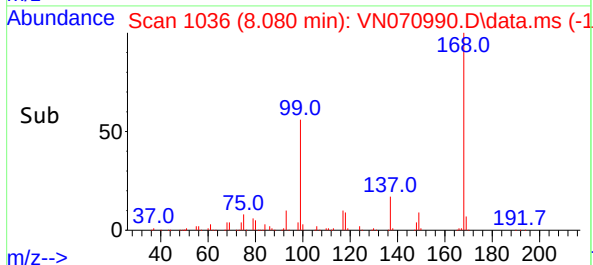
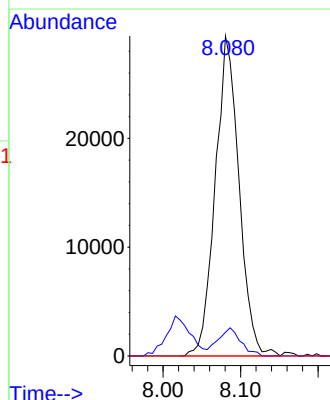
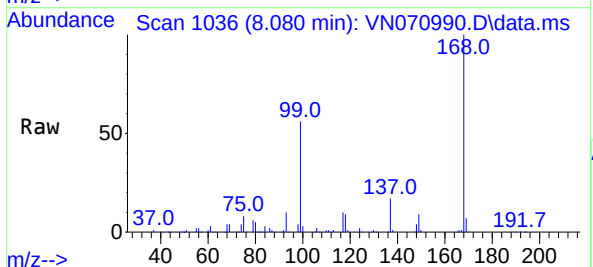
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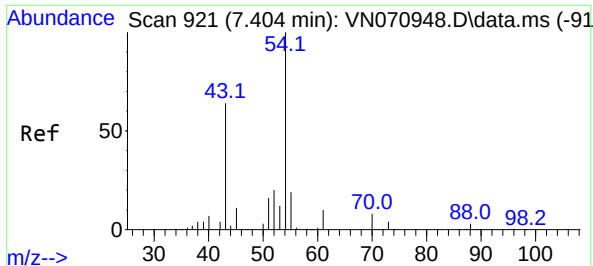
Tgt Ion:113 Resp: 389684
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

Tgt Ion: 75 Resp: 62640
Ion Ratio Lower Upper
75 100
110 8.3 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.318 ug/l

RT: 7.351 min Scan# 91

Delta R.T. -0.053 min

Lab File: VN070990.D

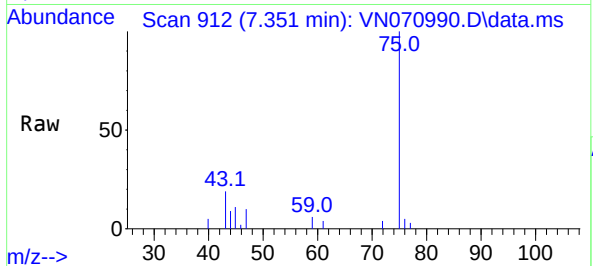
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Instrument :

MSVOA_N

ClientSampleId :

MH-388.9-20220215



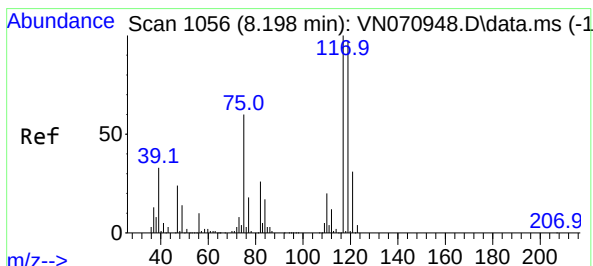
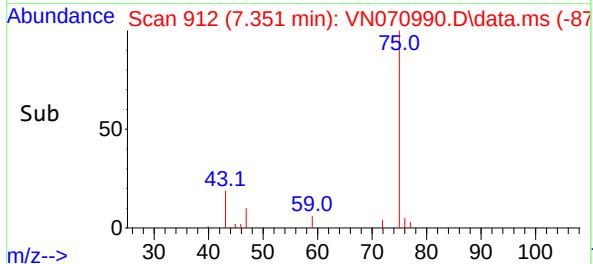
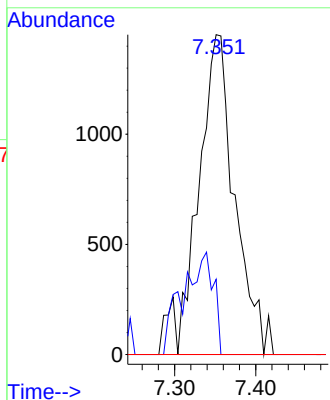
Tgt Ion: 43 Resp: 4389

Ion Ratio Lower Upper

43 100

61 27.9 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.353 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN070990.D

Acq: 17 Feb 2022 19:38

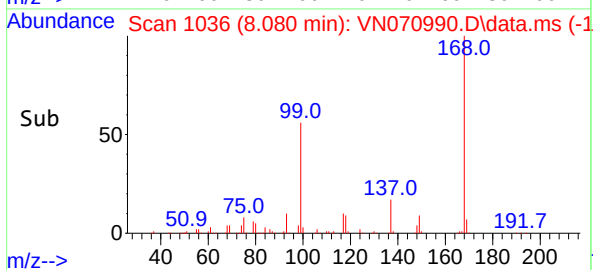
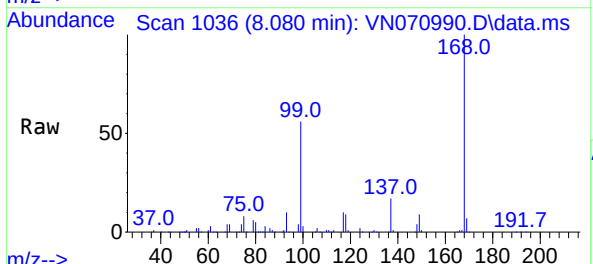
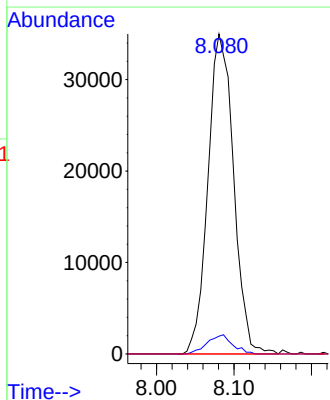
Tgt Ion: 117 Resp: 80511

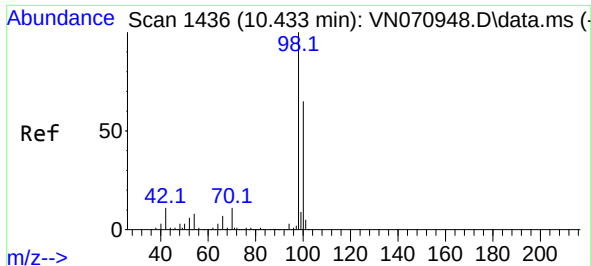
Ion Ratio Lower Upper

117 100

119 5.6 76.1 114.1#

121 0.0 24.2 36.2#

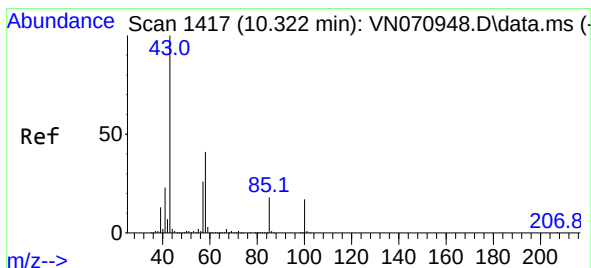
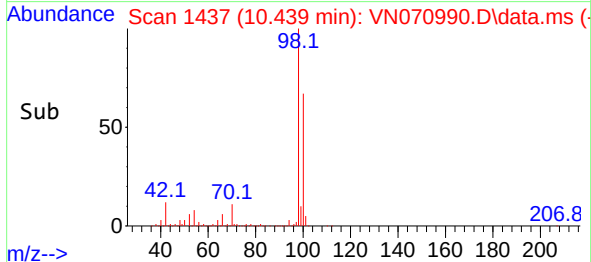
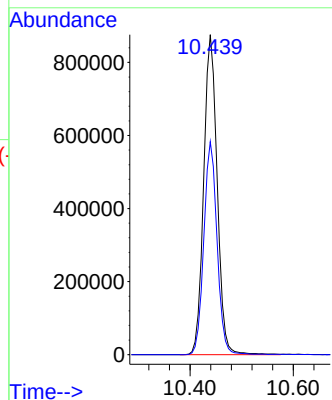
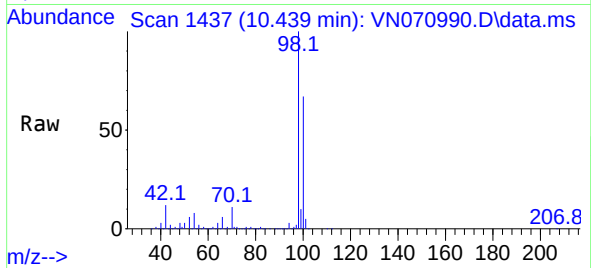




#50
Toluene-d8
Concen: 50.333 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

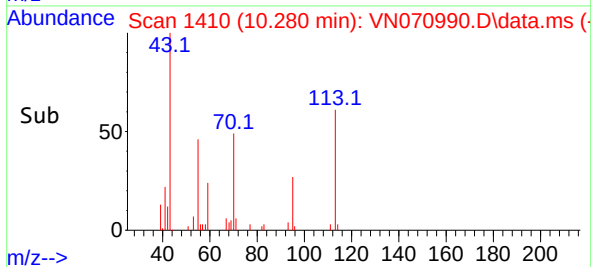
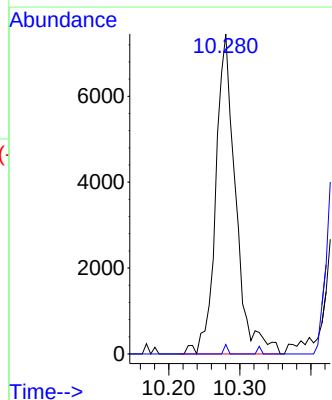
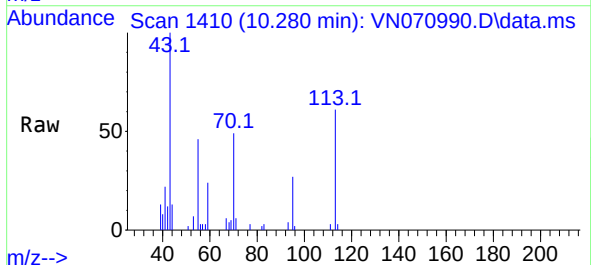
Instrument :
MSVOA_N
ClientSampleId :
MH-388.9-20220215

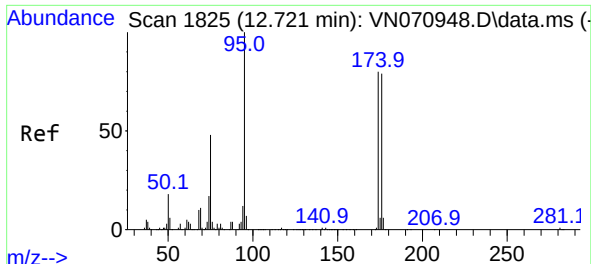
Tgt Ion: 98 Resp: 1586921
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.093 ug/l
RT: 10.280 min Scan# 1410
Delta R.T. -0.041 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

Tgt Ion: 43 Resp: 14457
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

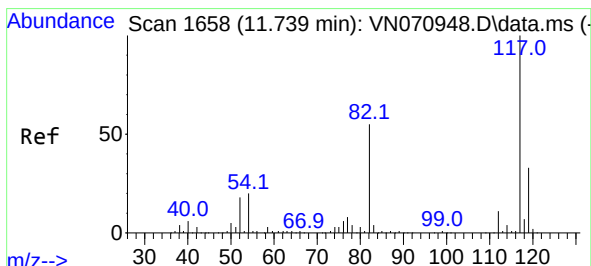
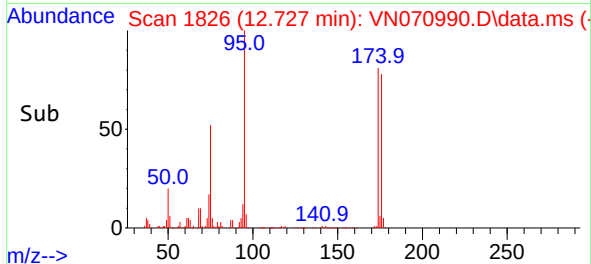
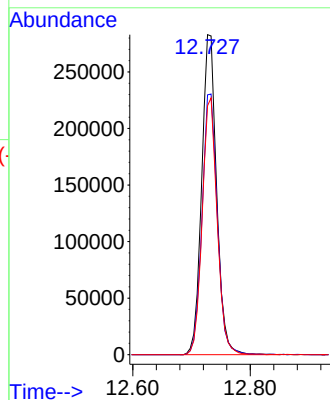
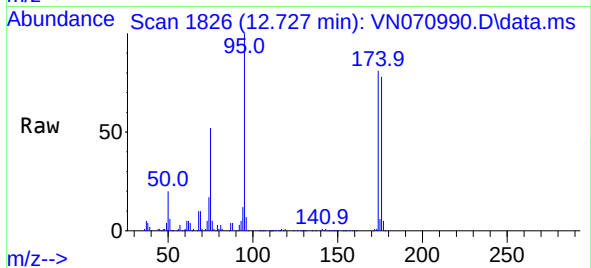




#62
4-Bromofluorobenzene
Concen: 44.326 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

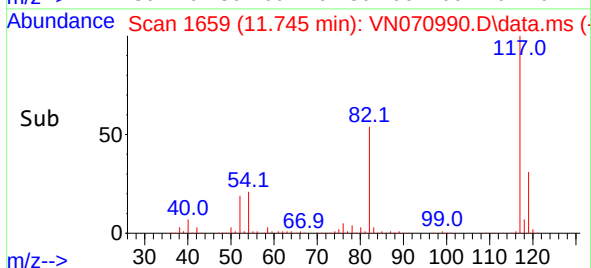
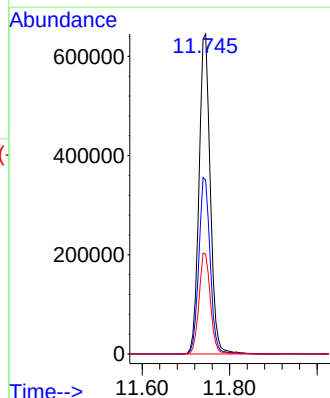
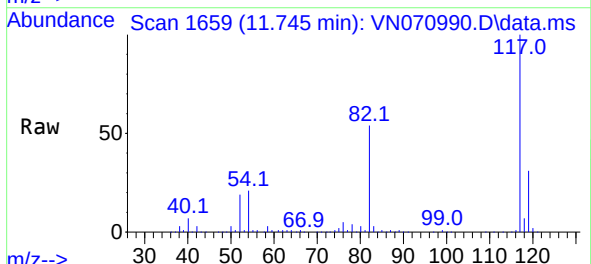
Instrument :
MSVOA_N
ClientSampleId :
MH-388.9-20220215

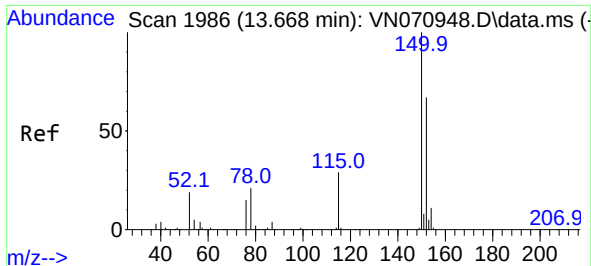
Tgt Ion: 95 Resp: 499535
Ion Ratio Lower Upper
95 100
174 83.4 0.0 187.2
176 80.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

Tgt Ion: 117 Resp: 1158538
Ion Ratio Lower Upper
117 100
82 54.3 42.4 63.6
119 31.2 25.4 38.2

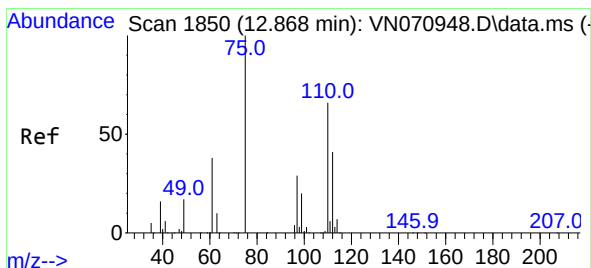
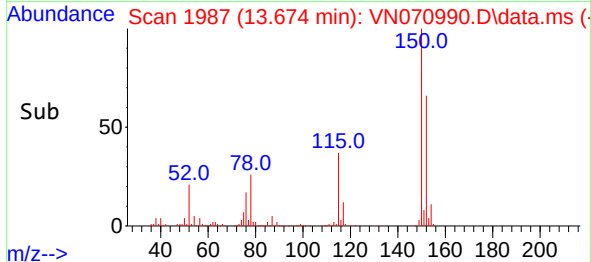
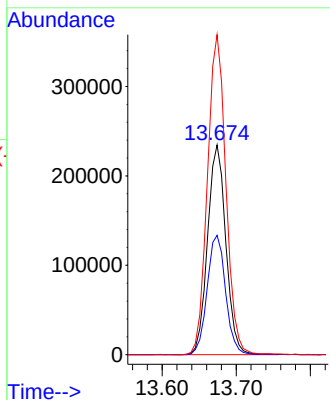
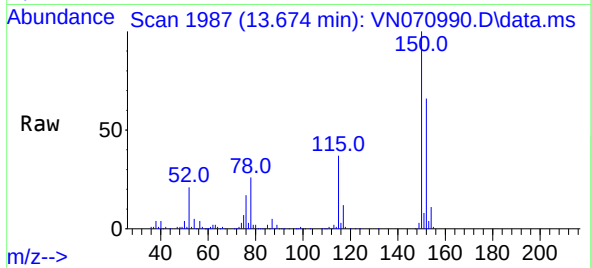




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

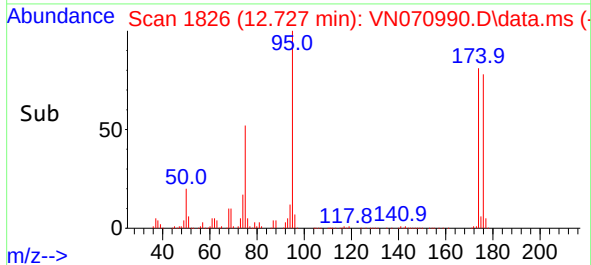
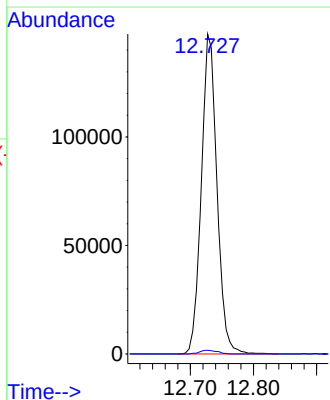
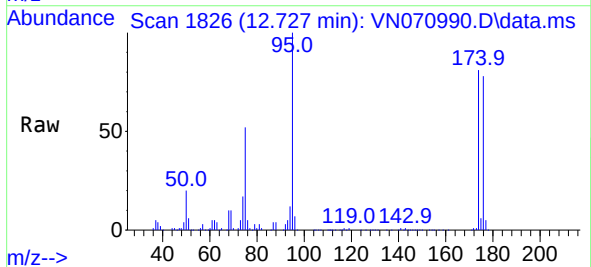
Instrument :
MSVOA_N
ClientSampleId :
MH-388.9-20220215

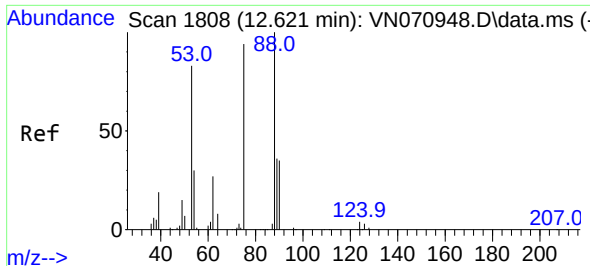
Tgt Ion:152 Resp: 402956
Ion Ratio Lower Upper
152 100
115 57.2 27.5 82.5
150 154.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 26.727 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN070990.D
Acq: 17 Feb 2022 19:38

Tgt Ion: 75 Resp: 253580
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

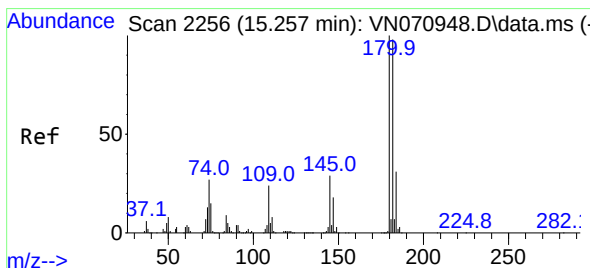
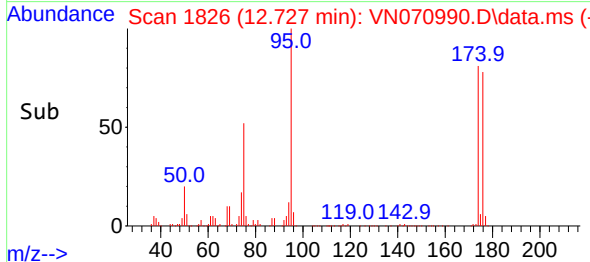
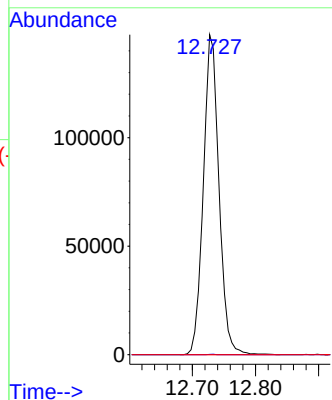
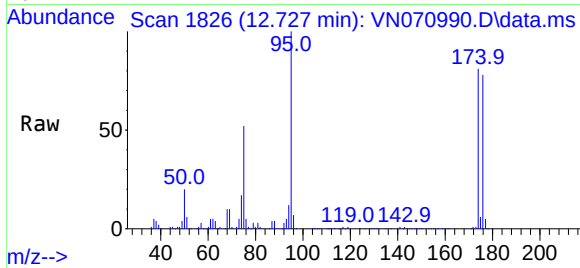




#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.609 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.106 min
 Lab File: VN070990.D
 Acq: 17 Feb 2022 19:38

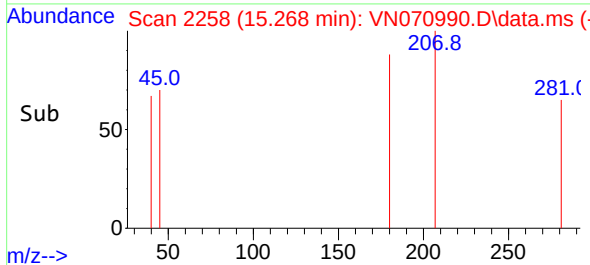
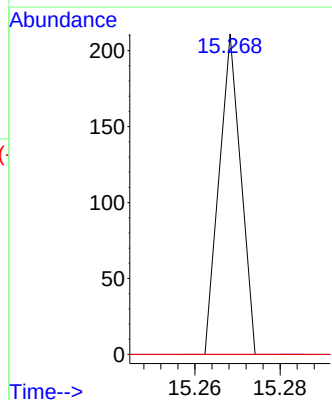
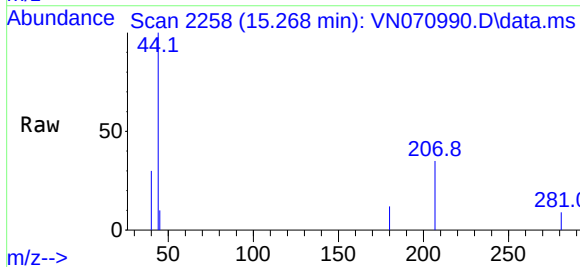
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-388.9-20220215

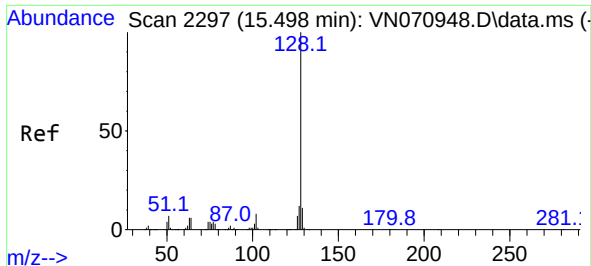
Tgt Ion: 75 Resp: 253580
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 38.2 57.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.008 ug/l
 RT: 15.268 min Scan# 2258
 Delta R.T. 0.011 min
 Lab File: VN070990.D
 Acq: 17 Feb 2022 19:38

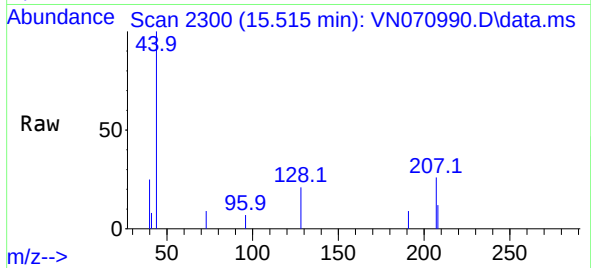
Tgt Ion:180 Resp: 74
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.3 144.9#
 145 0.0 14.5 43.5#





#95
 Naphthalene
 Concen: 5.030 ug/l
 RT: 15.515 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: VN070990.D
 Acq: 17 Feb 2022 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-388.9-20220215



Tgt Ion:128	Resp:	804
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.5 15.7#
129	0.0	8.7 13.1#

