

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070980.D
 Acq On : 17 Feb 2022 15:29
 Operator : JC\MD
 Sample : N1581-26
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-20220215

Quant Time: Feb 18 00:45:57 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)

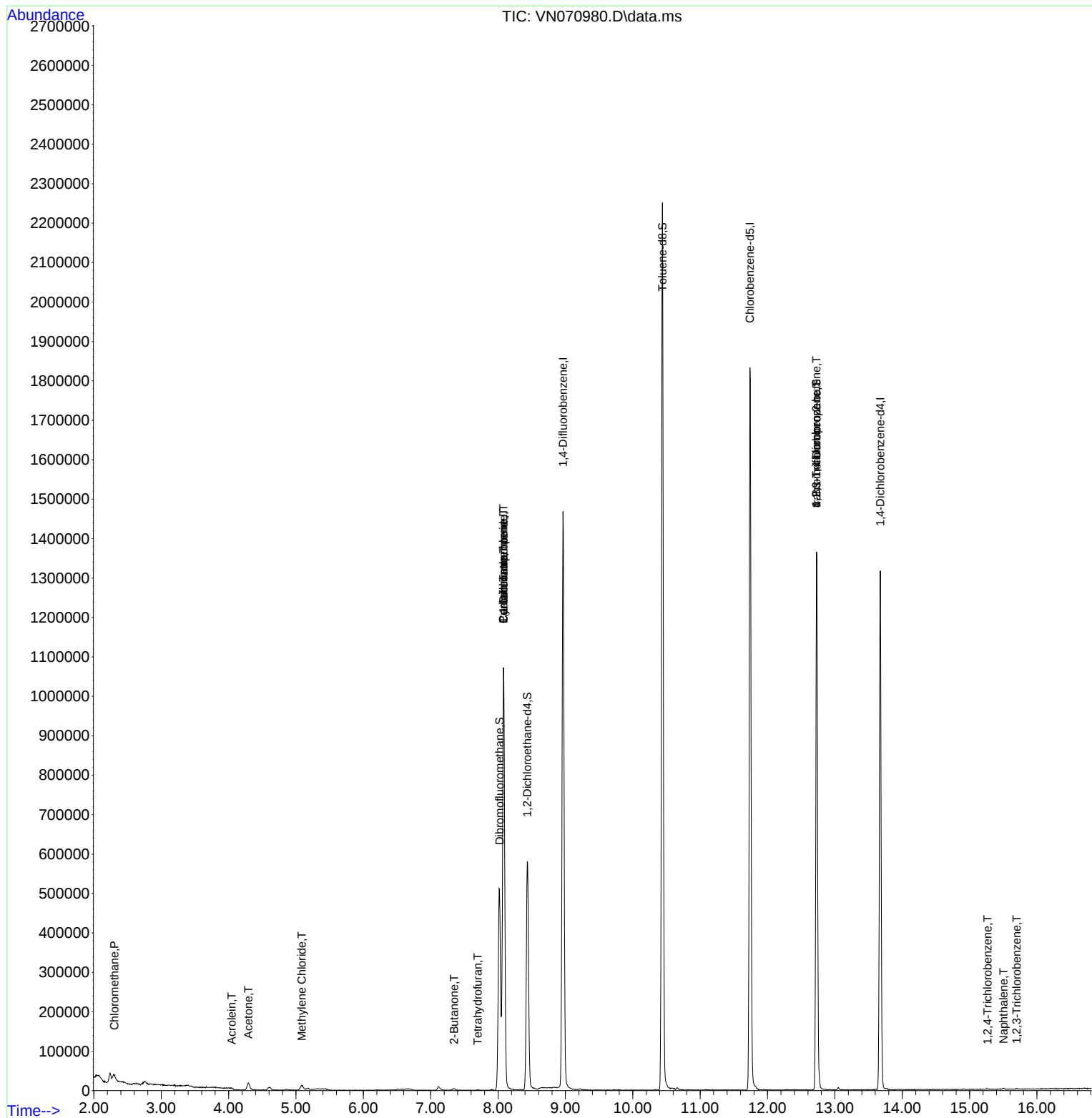
Internal Standards						
1) Pentafluorobenzene	8.081	168	835743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1297633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1127094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	379232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	482795	50.571	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.140%		
35) Dibromofluoromethane	8.022	113	387742	50.237	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.480%		
50) Toluene-d8	10.439	98	1547442	49.924	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 99.840%		
62) 4-Bromofluorobenzene	12.727	95	490796	44.298	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 88.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	2928	0.268	ug/l #	78
13) Acrolein	4.045	56	673	0.433	ug/l #	56
16) Acetone	4.293	43	28360	5.394	ug/l	95
18) Methyl Acetate	4.863	43	3625	Below Cal	#	66
20) Methylene Chloride	5.087	84	9544	0.999	ug/l	93
25) 2-Butanone	7.345	43	5301	0.758	ug/l	90
29) Tetrahydrofuran	7.698	42	1182	0.261	ug/l #	47
31) Cyclohexane	8.081	56	15785	0.956	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	62634	4.953	ug/l #	49
38) Carbon Tetrachloride	8.081	117	79276	6.363	ug/l #	16
76) 1,2,3-Trichloropropane	12.727	75	250765	28.084	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	250765	91.006	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	590	2.080	ug/l	75
95) Naphthalene	15.504	128	3008	5.149	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.698	180	818	2.637	ug/l	82

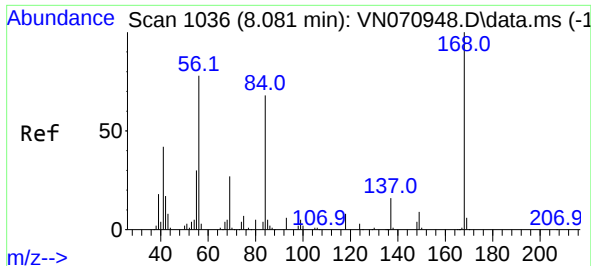
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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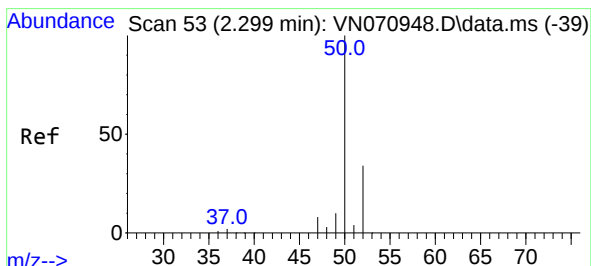
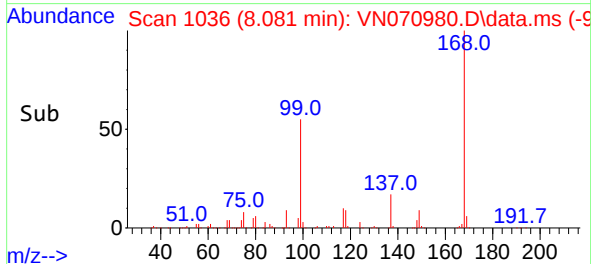
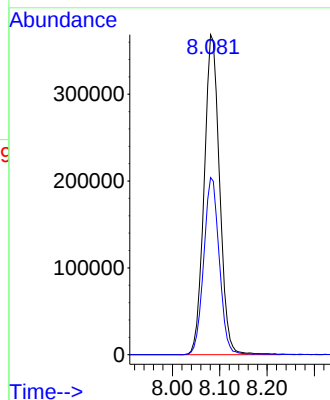
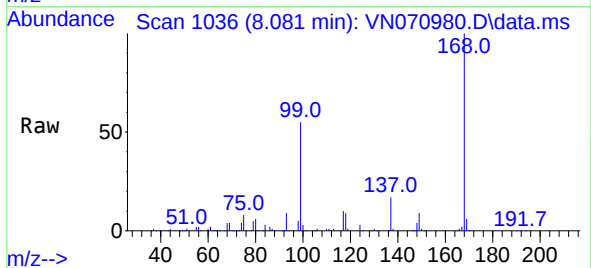




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

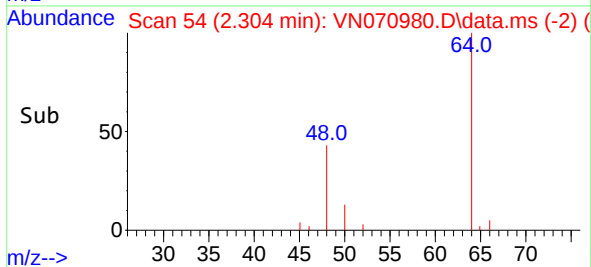
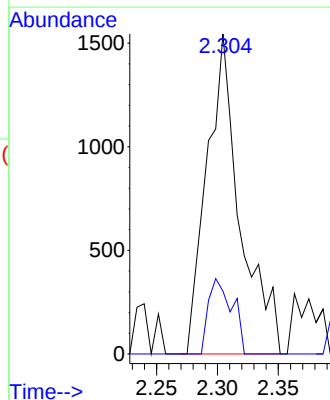
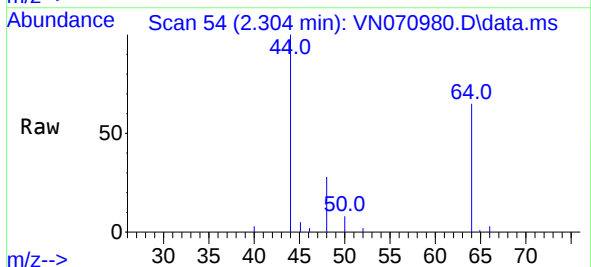
Instrument :
MSVOA_N
ClientSampleId :
FB01-20220215

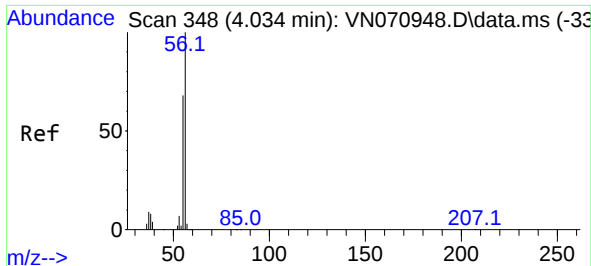
Tgt Ion:168 Resp: 835743
Ion Ratio Lower Upper
168 100
99 55.3 41.3 61.9



#3
Chloromethane
Concen: 0.268 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

Tgt Ion: 50 Resp: 2928
Ion Ratio Lower Upper
50 100
52 19.7 25.4 38.0#





#13

Acrolein

Concen: 0.433 ug/l

RT: 4.045 min Scan# 31

Delta R.T. 0.011 min

Lab File: VN070980.D

Acq: 17 Feb 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

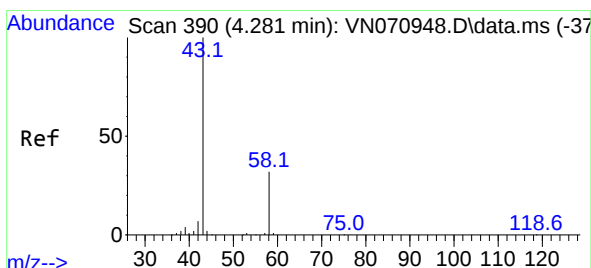
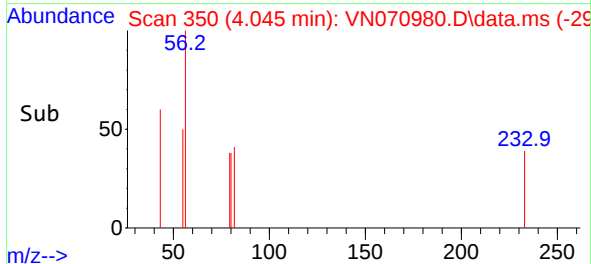
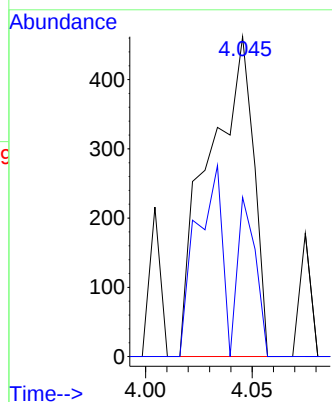
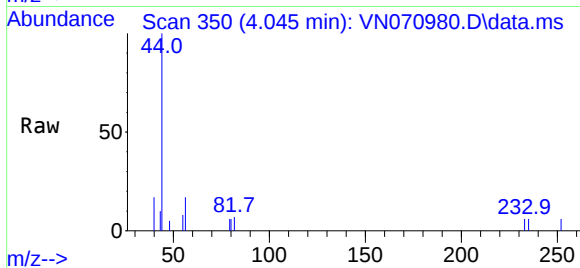
FB01-20220215

Tgt Ion: 56 Resp: 673

Ion Ratio Lower Upper

56 100

55 34.5 56.6 85.0#



#16

Acetone

Concen: 5.394 ug/l

RT: 4.293 min Scan# 392

Delta R.T. 0.012 min

Lab File: VN070980.D

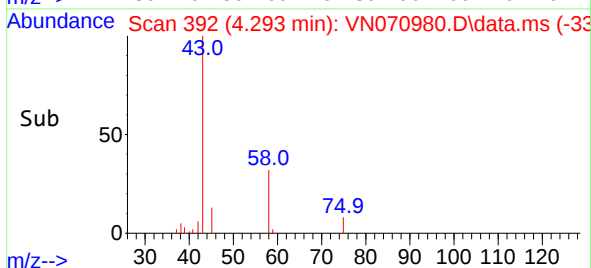
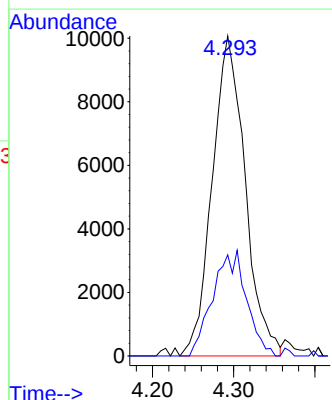
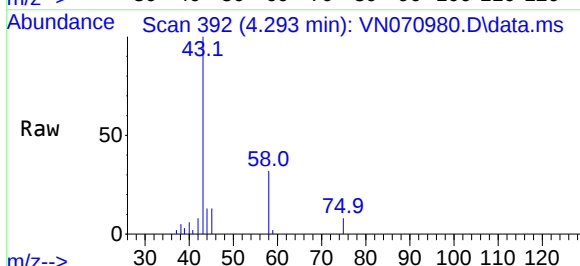
Acq: 17 Feb 2022 15:29

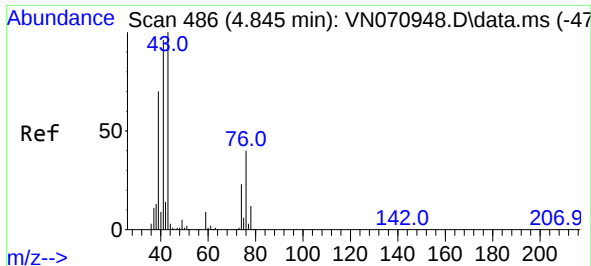
Tgt Ion: 43 Resp: 28360

Ion Ratio Lower Upper

43 100

58 31.6 23.1 34.7





#18

Methyl Acetate

Concen: Below Cal

RT: 4.863 min Scan# 486

Delta R.T. 0.018 min

Lab File: VN070980.D

Acq: 17 Feb 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

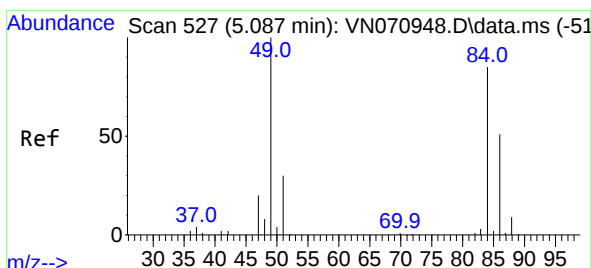
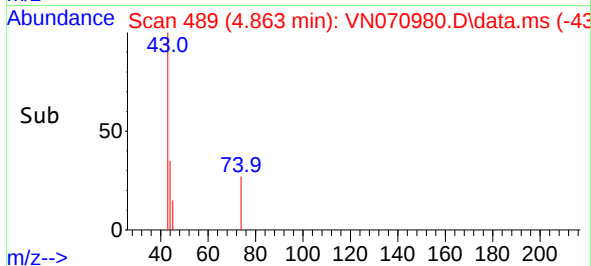
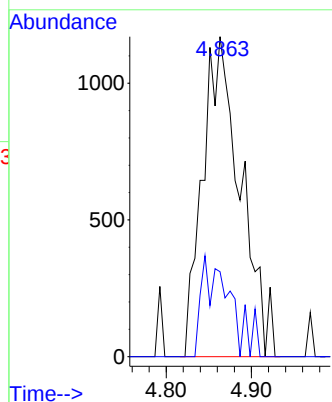
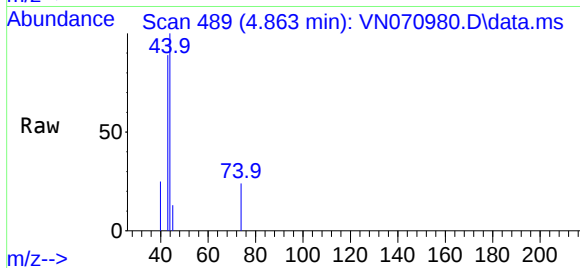
FB01-20220215

Tgt Ion: 43 Resp: 3625

Ion Ratio Lower Upper

43 100

74 7.6 19.4 29.2#



#20

Methylene Chloride

Concen: 0.999 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN070980.D

Acq: 17 Feb 2022 15:29

Tgt Ion: 84 Resp: 9544

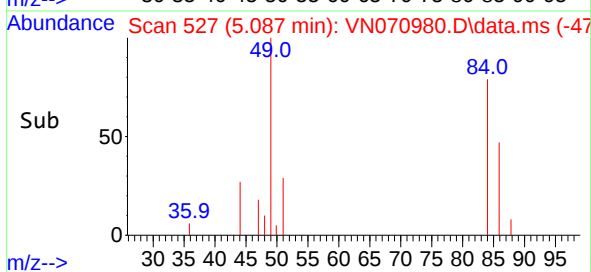
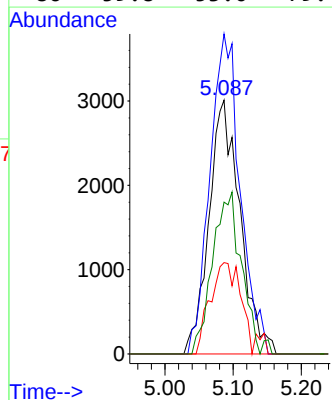
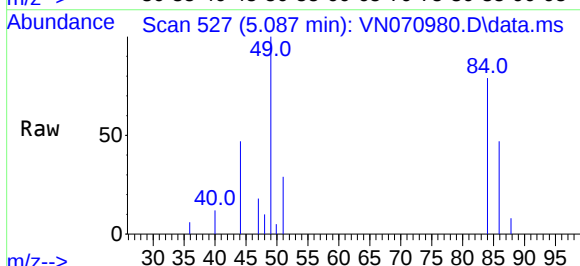
Ion Ratio Lower Upper

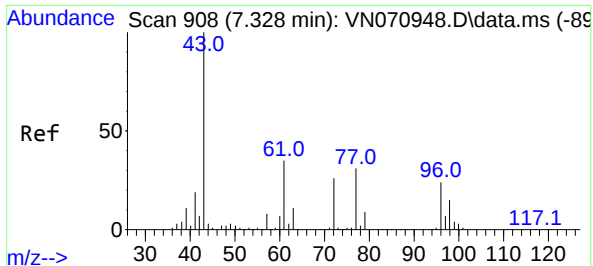
84 100

49 126.1 93.5 140.3

51 36.0 29.4 44.2

86 59.8 53.0 79.4

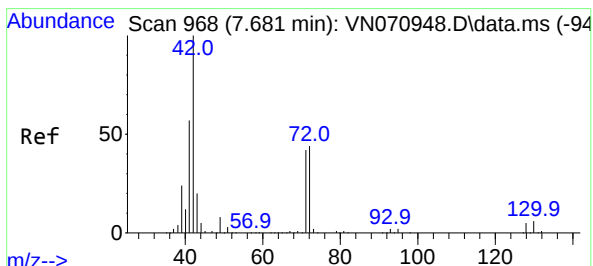
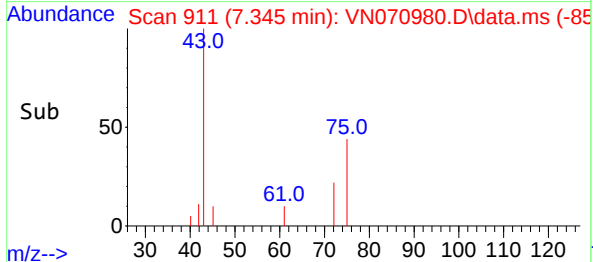
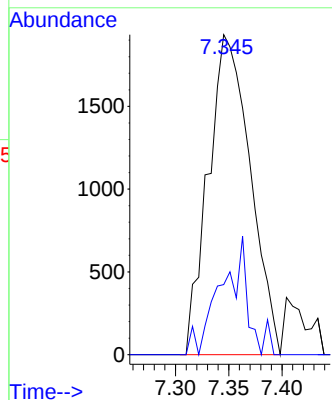
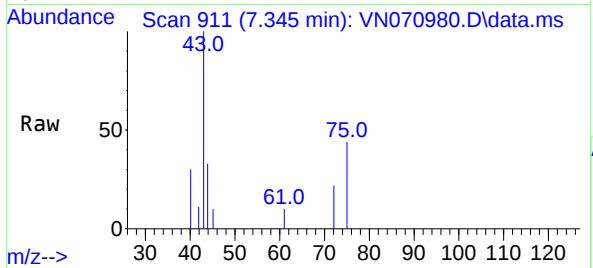




#25
2-Butanone
Concen: 0.758 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

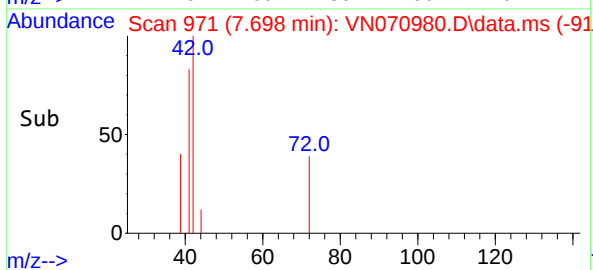
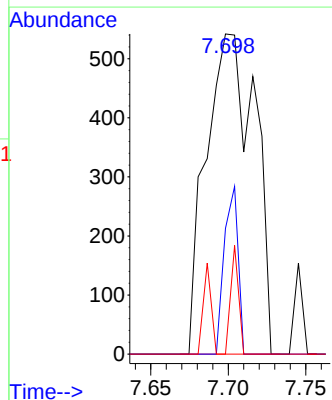
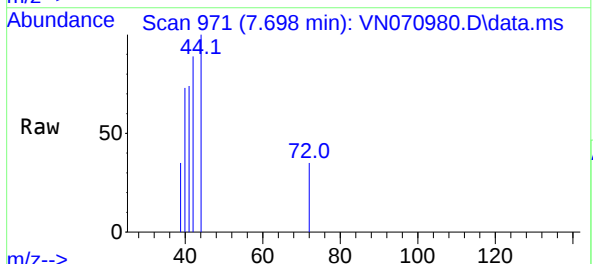
Instrument :
MSVOA_N
ClientSampleId :
FB01-20220215

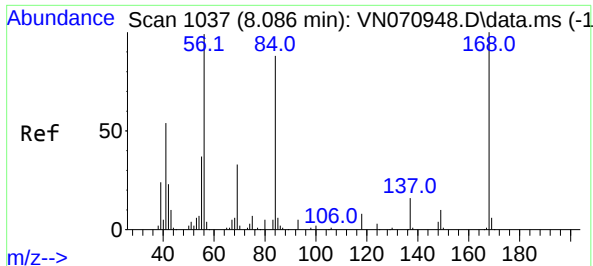
Tgt Ion: 43 Resp: 5301
Ion Ratio Lower Upper
43 100
72 21.9 21.7 32.5



#29
Tetrahydrofuran
Concen: 0.261 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.018 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

Tgt Ion: 42 Resp: 1182
Ion Ratio Lower Upper
42 100
72 14.8 36.3 54.5#
71 5.5 34.7 52.1#

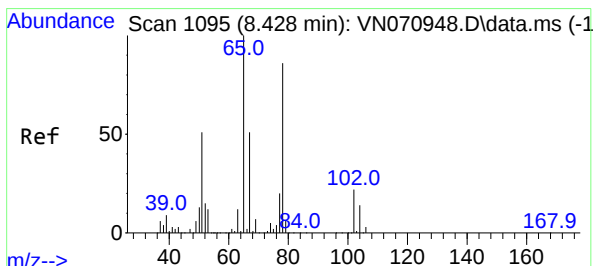
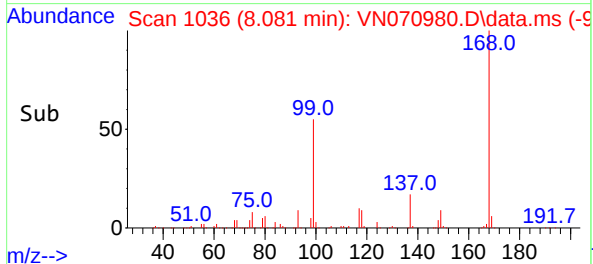
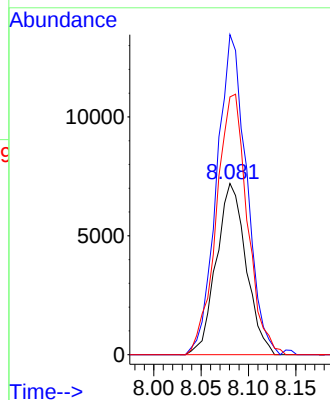
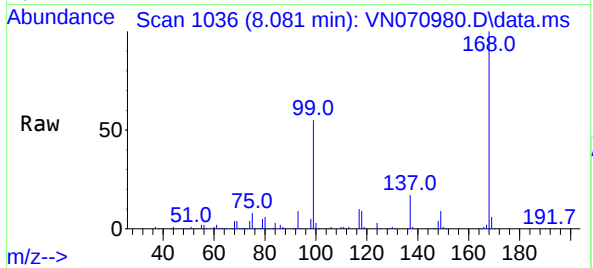




#31
Cyclohexane
Concen: 0.956 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

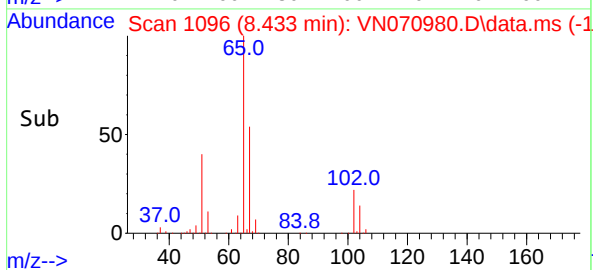
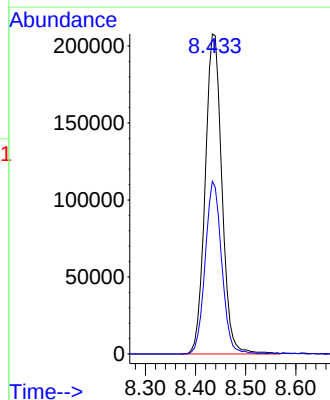
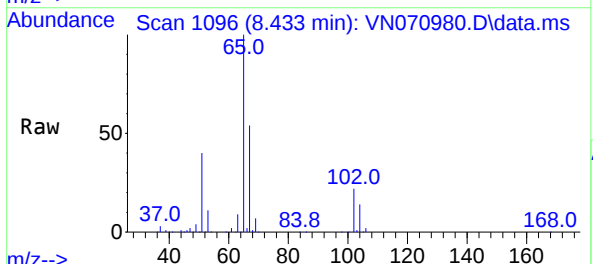
Instrument :
MSVOA_N
ClientSampleId :
FB01-20220215

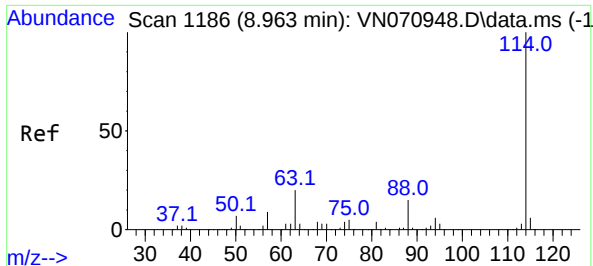
Tgt Ion: 56 Resp: 15785
Ion Ratio Lower Upper
56 100
69 186.9 27.1 40.7#
84 150.6 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 50.571 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

Tgt Ion: 65 Resp: 482795
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

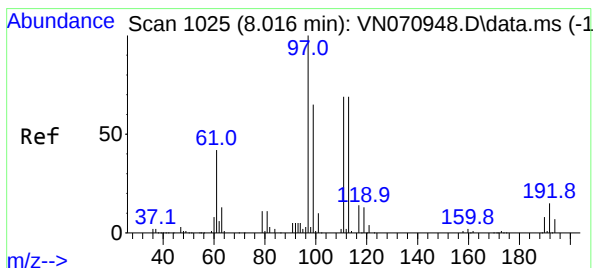
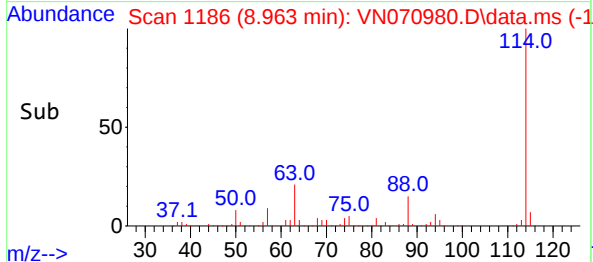
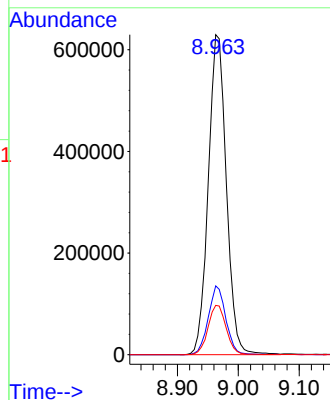
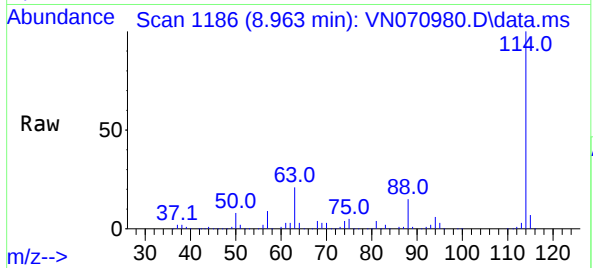




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

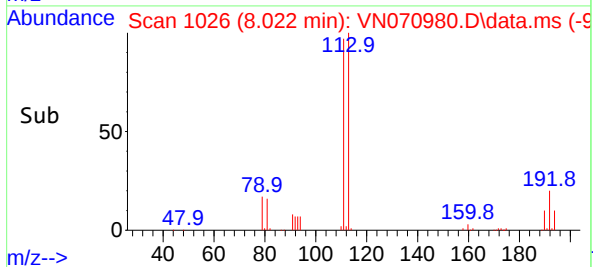
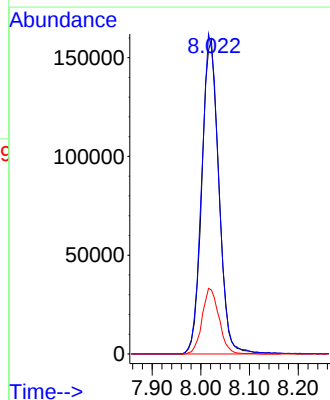
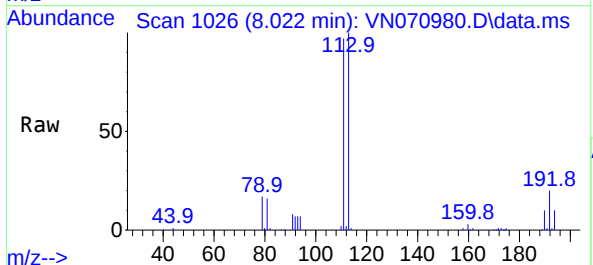
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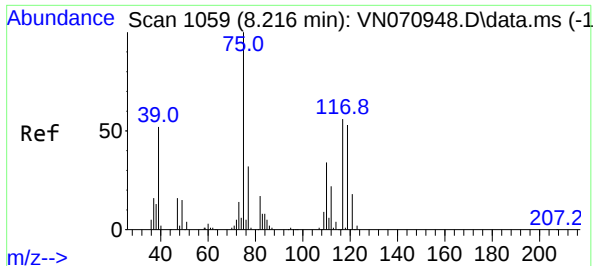
Tgt Ion:114 Resp: 1297633
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 15.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.237 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

Tgt Ion:113 Resp: 387742
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 20.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.953 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN070980.D

Acq: 17 Feb 2022 15:29

Instrument :

MSVOA_N

ClientSampleId :

FB01-20220215

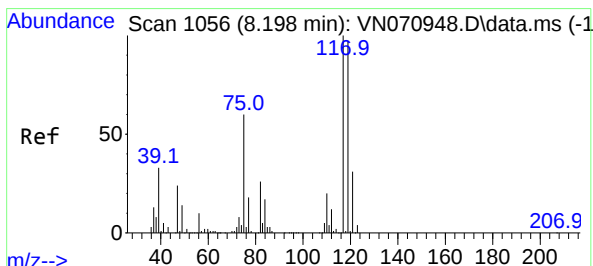
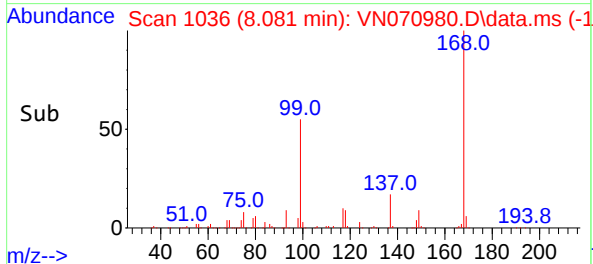
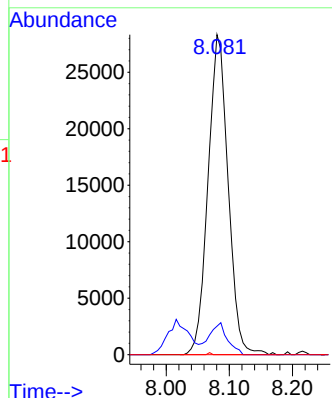
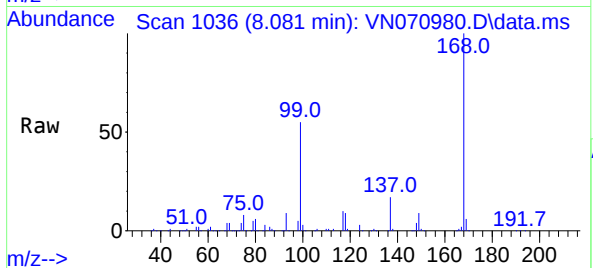
Tgt Ion: 75 Resp: 62634

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.2#

77 0.1 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.363 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN070980.D

Acq: 17 Feb 2022 15:29

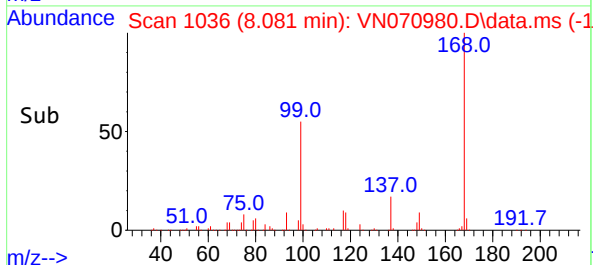
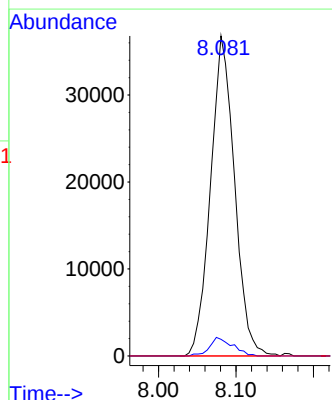
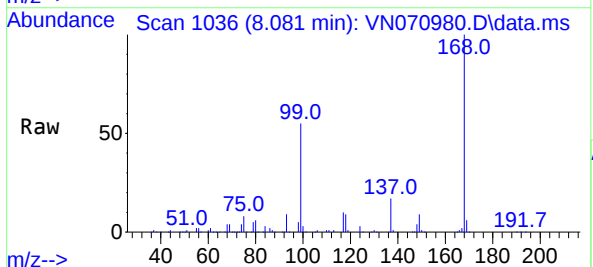
Tgt Ion: 117 Resp: 79276

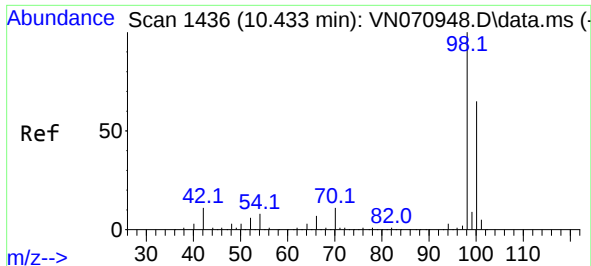
Ion Ratio Lower Upper

117 100

119 5.2 76.1 114.1#

121 0.0 24.2 36.2#

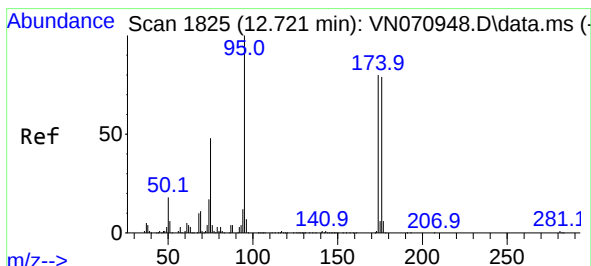
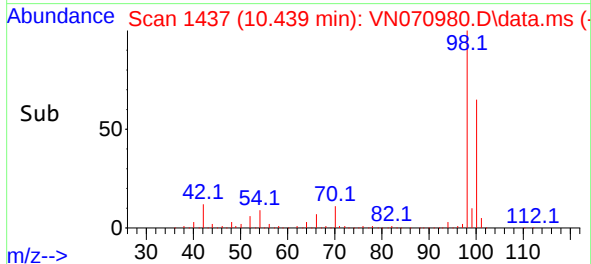
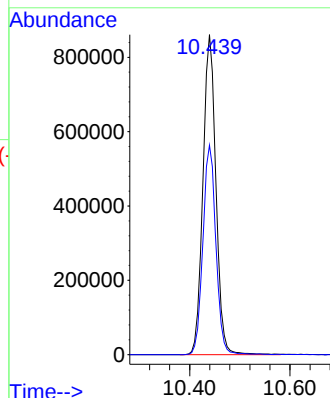
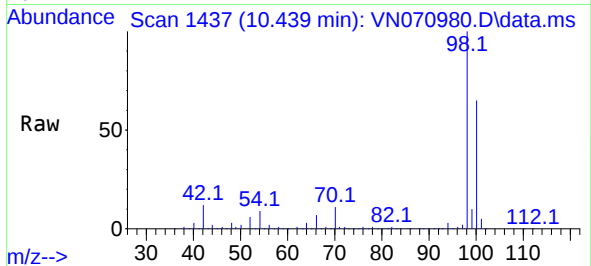




#50
Toluene-d8
Concen: 49.924 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

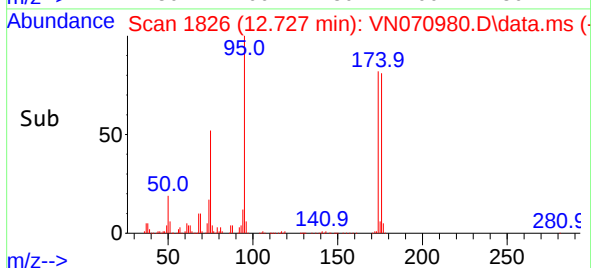
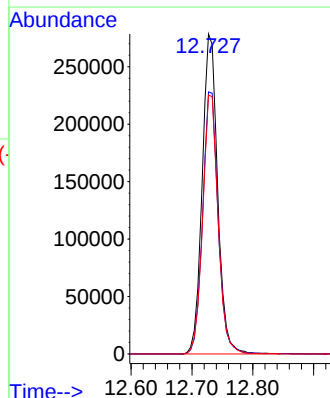
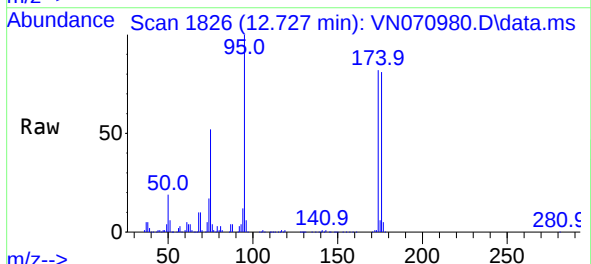
Instrument :
MSVOA_N
ClientSampleId :
FB01-20220215

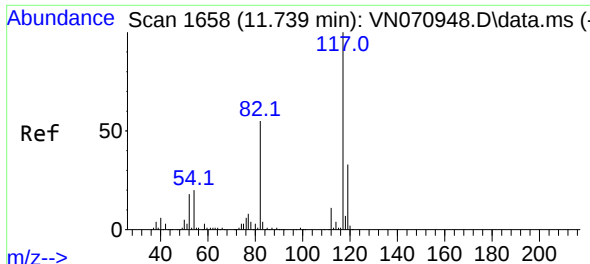
Tgt Ion: 98 Resp: 1547442
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 44.298 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

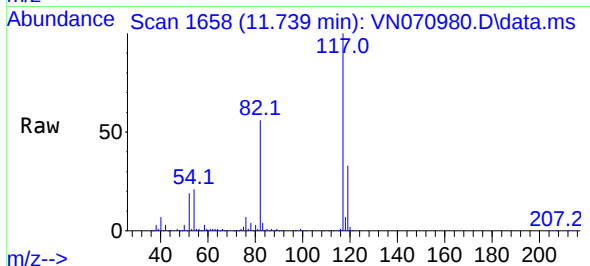
Tgt Ion: 95 Resp: 490796
Ion Ratio Lower Upper
95 100
174 82.0 0.0 187.2
176 80.6 0.0 181.4



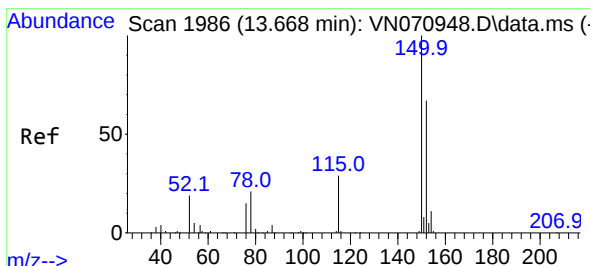
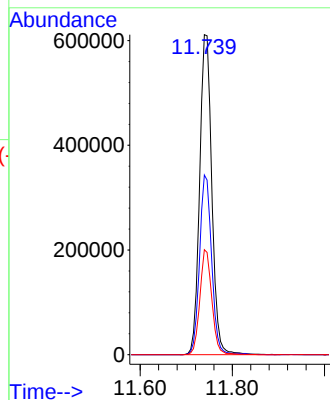
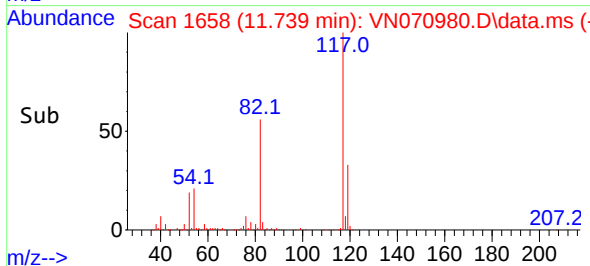


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

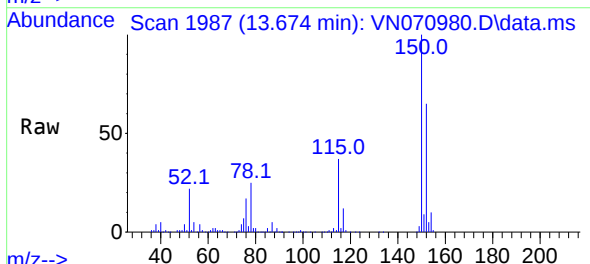
Instrument :
MSVOA_N
ClientSampleId :
FB01-20220215



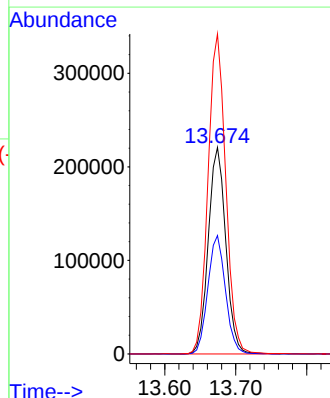
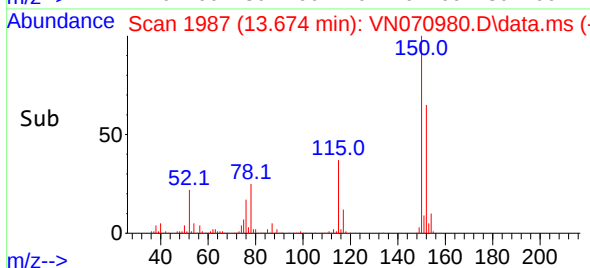
Tgt Ion:117 Resp: 1127094
Ion Ratio Lower Upper
117 100
82 56.1 42.4 63.6
119 32.8 25.4 38.2

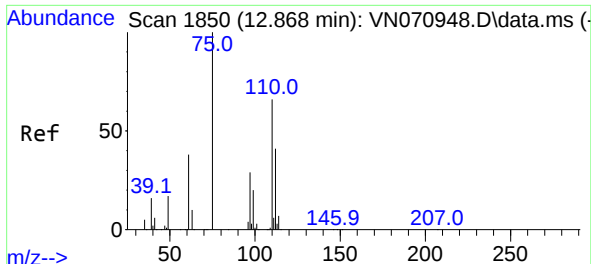


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29



Tgt Ion:152 Resp: 379232
Ion Ratio Lower Upper
152 100
115 57.7 27.5 82.5
150 156.5 0.0 344.4

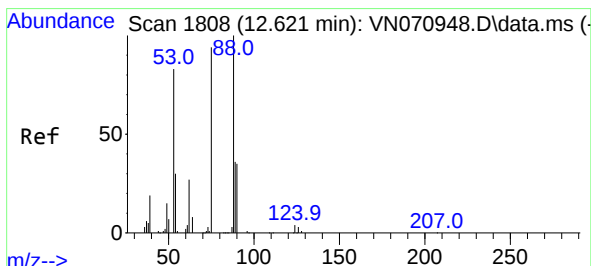
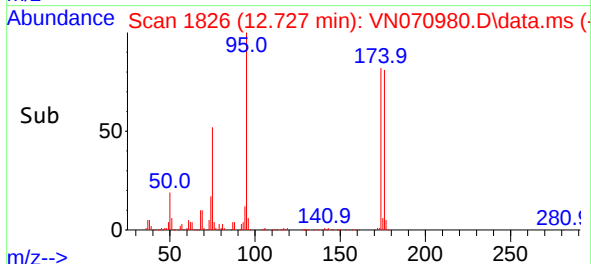
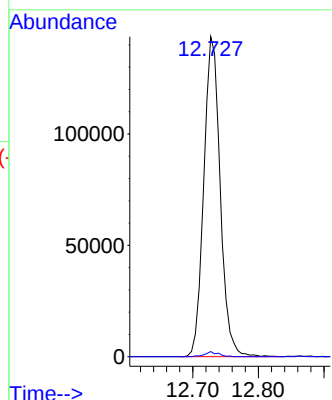
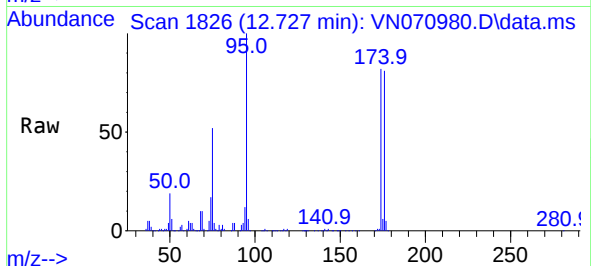




#76
1,2,3-Trichloropropane
Concen: 28.084 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

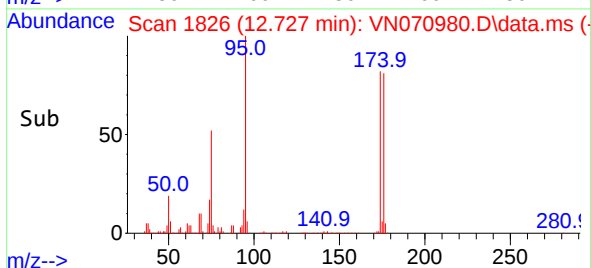
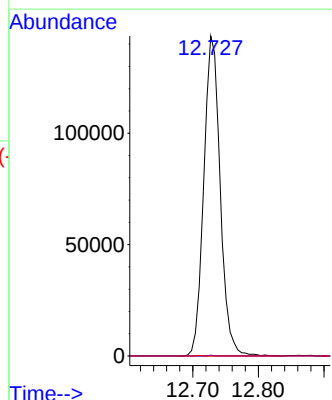
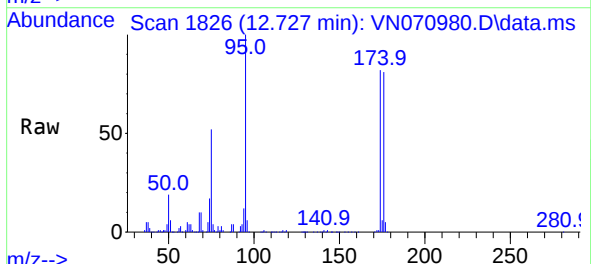
Instrument :
MSVOA_N
ClientSampleId :
FB01-20220215

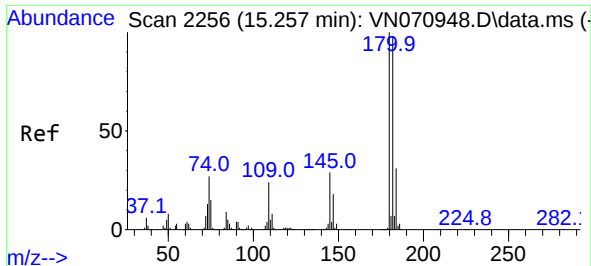
Tgt Ion: 75 Resp: 250765
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.006 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

Tgt Ion: 75 Resp: 250765
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

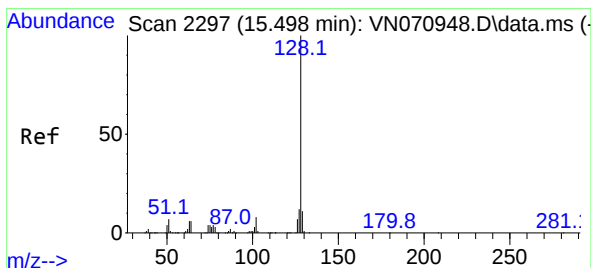
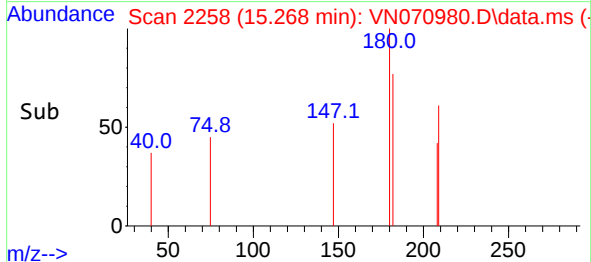
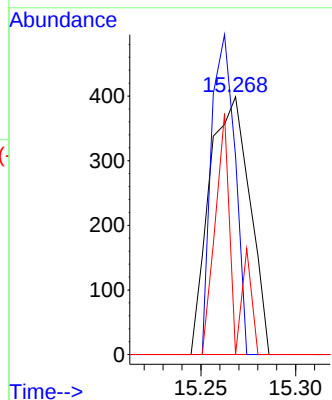
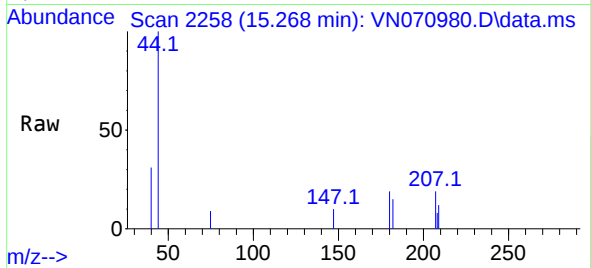




#93
1,2,4-Trichlorobenzene
Concen: 2.080 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

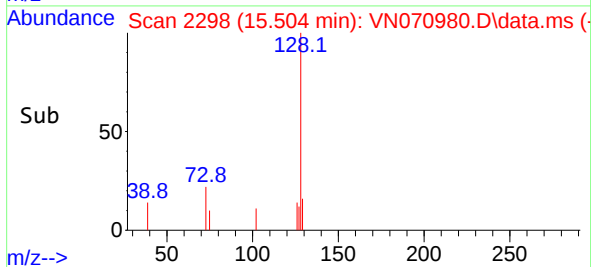
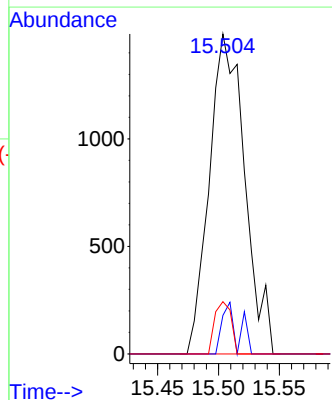
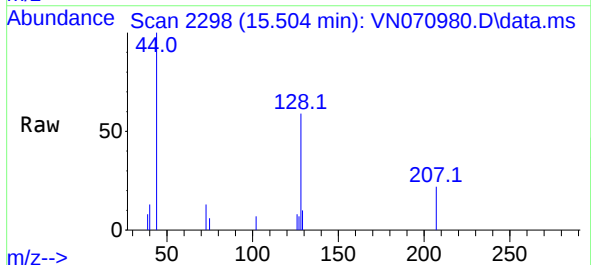
Instrument :
MSVOA_N
ClientSampleId :
FB01-20220215

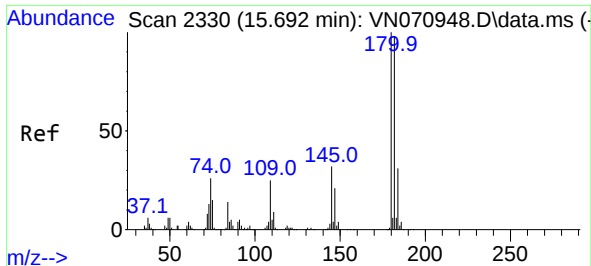
Tgt Ion:180 Resp: 590
Ion Ratio Lower Upper
180 100
182 72.2 48.3 144.9
145 42.4 14.5 43.5



#95
Naphthalene
Concen: 5.149 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN070980.D
Acq: 17 Feb 2022 15:29

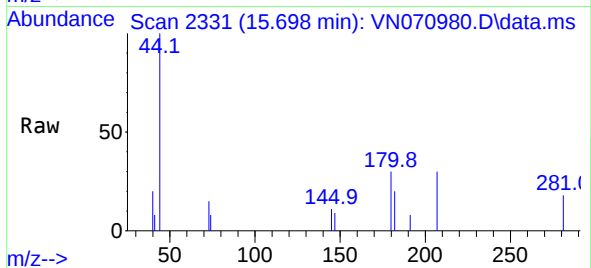
Tgt Ion:128 Resp: 3008
Ion Ratio Lower Upper
128 100
127 7.2 10.5 15.7#
129 7.5 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.637 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN070980.D
 Acq: 17 Feb 2022 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-20220215



Tgt Ion:	180	Resp:	818
Ion	Ratio	Lower	Upper
180	100		
182	79.0	47.4	142.2
145	17.0	15.0	45.1

