

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072664.D
 Acq On : 06 Jun 2022 15:16
 Operator : JC\MD
 Sample : BFB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jun 07 06:25:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	0.000	128	0	0.000	ug/l	-7.65
28) 1,4-Difluorobenzene	8.975	114	537	30.000	ug/l	# 0.01
57) Chlorobenzene-d5	11.745	117	1395	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	1084	0.000	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	0.000%#
60) 4-Bromofluorobenzene	12.727	95	131366	4578.499	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	15261.667%#
63) Toluene-d8	10.439	98	1947	25.195	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	84.000%#
Target Compounds						
					Qvalue	
29) 1,1-Dichloropropene	8.222	75	84	8.206	ug/l #	46
30) 2-Butanone	7.334	43	6494	876.598	ug/l #	66
31) 2,2-Dichloropropane	7.298	77	636	45.900	ug/l #	53
34) Benzene	8.445	78	271	8.949	ug/l #	1
35) Methacrylonitrile	7.622	41	258	35.518	ug/l #	22
37) Trichloroethene	9.210	130	93	12.738	ug/l	81
42) Vinyl Acetate	6.428	43	547	22.680	ug/l #	74
43) Ethyl Acetate	7.422	43	163	11.484	ug/l #	37
44) Isopropyl Acetate	8.551	43	488	20.727	ug/l #	50
45) 1,4-Dioxane	9.569	88	125	646.061	ug/l #	1
46) Methyl methacrylate	9.545	41	224	21.277	ug/l	77
47) n-amyl Acetate	12.669	43	411	22.801	ug/l	94
48) t-1,3-Dichloropropene	10.710	75	376	26.963	ug/l #	43
49) cis-1,3-Dichloropropene	10.186	75	203	14.336	ug/l #	29
51) Ethyl methacrylate	10.757	69	345	23.588	ug/l #	66
52) 1,3-Dichloropropane	10.598	76	136	9.464	ug/l #	1
54) 1,2-Dibromoethane	11.345	107	69	8.127	ug/l #	4
55) 2-Chloroethyl vinyl ether	10.039	63	197	34.389	ug/l #	44
56) Bromoform	12.733	173	923	148.690	ug/l #	1
58) 4-Methyl-2-Pentanone	10.328	43	2415	57.719	ug/l #	92
59) 2-Hexanone	11.086	43	5713	180.098	ug/l #	79
62) Toluene	10.504	91	1037	10.963	ug/l #	65
64) Chlorobenzene	11.769	112	549	9.533	ug/l #	84
66) Ethyl Benzene	12.269	91	825	7.597	ug/l	98
67) m/p-Xylenes	11.957	106	837	21.131	ug/l	83
68) o-Xylene	11.957	106	837	20.714	ug/l	91
69) Styrene	12.292	104	567	8.839	ug/l #	70
70) Isopropylbenzene	12.580	105	762	7.217	ug/l #	49
71) 1,1,2,2-Tetrachloroethane	12.822	83	473	13.234	ug/l #	73
72) 1,2,3-Trichloropropane	12.869	75	509	16.318	ug/l	27
73) Bromobenzene	12.863	156	444	20.685	ug/l	28
74) n-propylbenzene	13.104	91	1944	16.090	ug/l	59
75) 2-Chlorotoluene	12.998	91	740	9.881	ug/l	93
76) 1,3,5-Trimethylbenzene	13.051	105	981	11.319	ug/l	94
77) t-1,4-Dichloro-2-butene	12.727	75	74952	5701.159	ug/l #	8
78) 4-Chlorotoluene	13.104	91	1944	27.476	ug/l	78
79) tert-butylbenzene	13.616	119	952	12.304	ug/l	36
80) 1,2,4-Trimethylbenzene	13.504	105	968	9.263	ug/l #	97
81) sec-Butylbenzene	13.504	105	968	9.263	ug/l	77

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

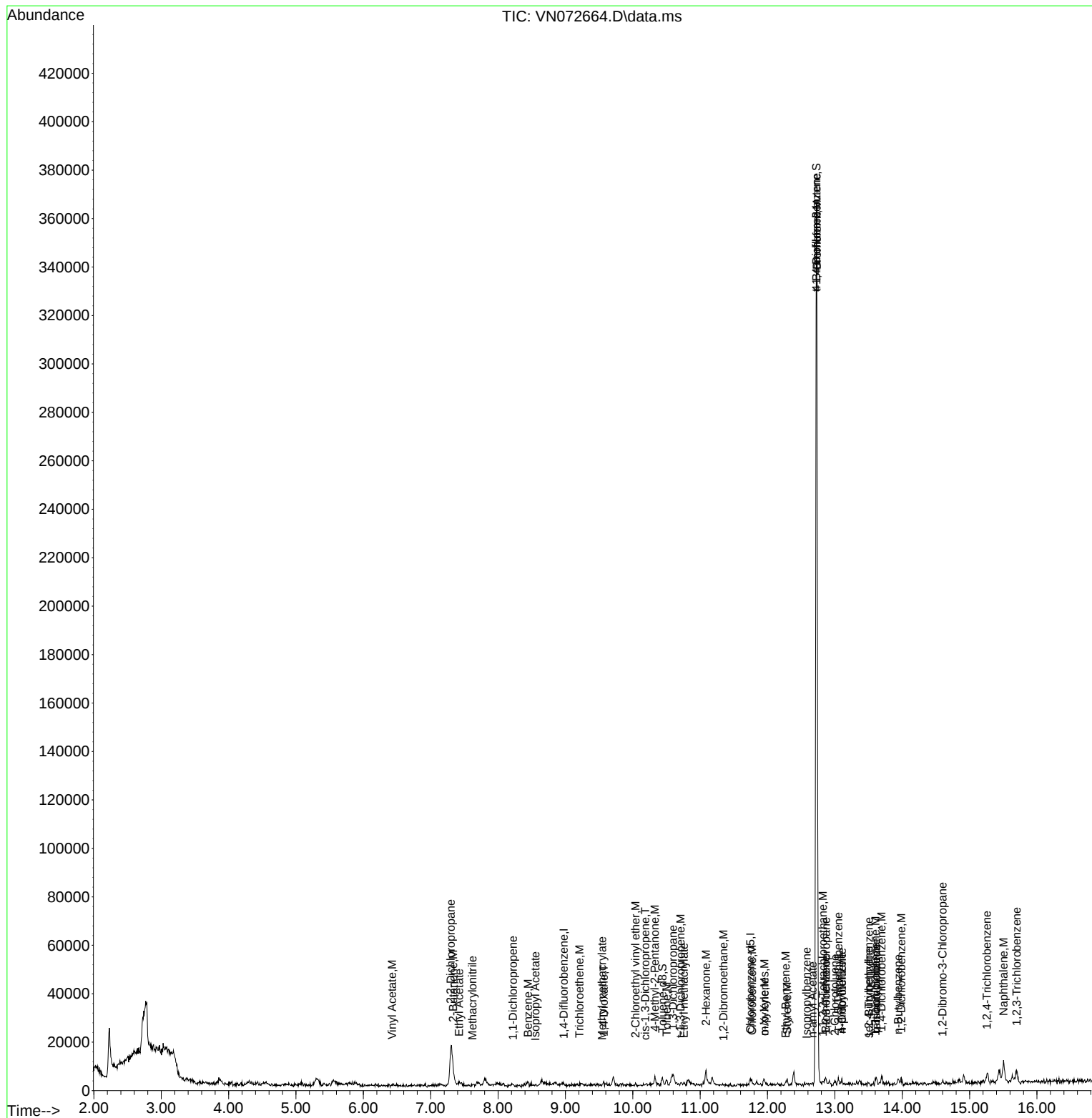
82) p-Isopropyltoluene	13.616	119	952	11.412	ug/l	66
83) 1,3-Dichlorobenzene	13.604	146	773	20.571	ug/l	85
84) 1,4-Dichlorobenzene	13.692	146	1452	39.796	ug/l	90
85) n-Butylbenzene	13.939	91	1868	26.410	ug/l	64
87) 1,2-Dichlorobenzene	13.986	146	1046	28.127	ug/l	87
88) 1,2-Dibromo-3-Chloropr...	14.598	75	299	33.364	ug/l #	18
89) 1,2,4-Trichlorobenzene	15.257	180	1841	98.238	ug/l #	77
91) Naphthalene	15.504	128	9520	127.315	ug/l #	85
92) 1,2,3-Trichlorobenzene	15.698	180	2070	108.576	ug/l	81

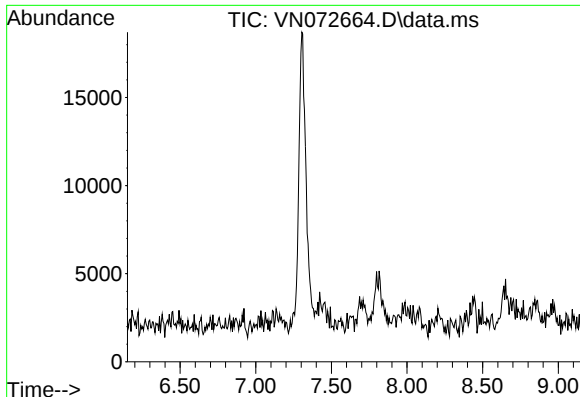
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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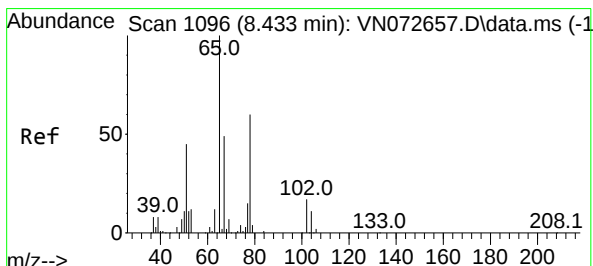
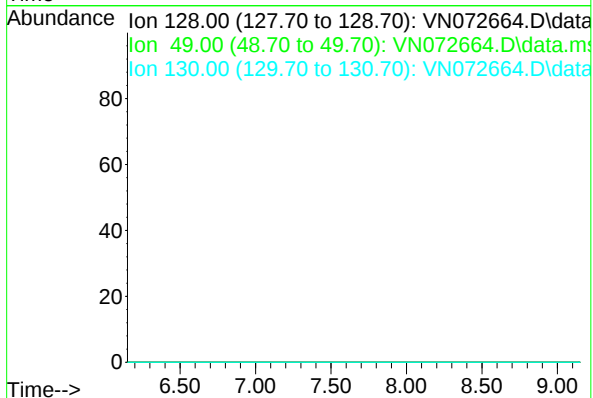


#1
 Bromochloromethane
 Concen: 0.000 ug/l
 Expected RT: 7.65 min
 Lab File: VN072664.D
 Acq: 06 Jun 2022 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tgt Ion: 128

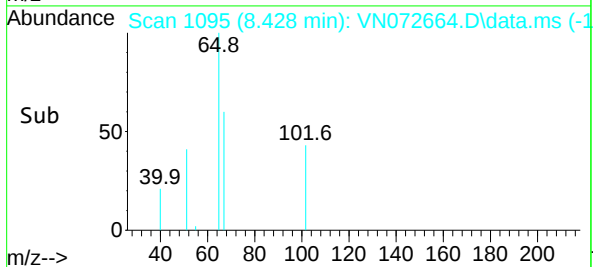
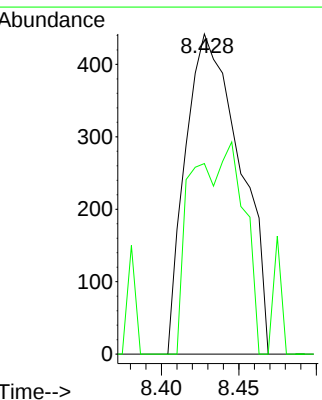
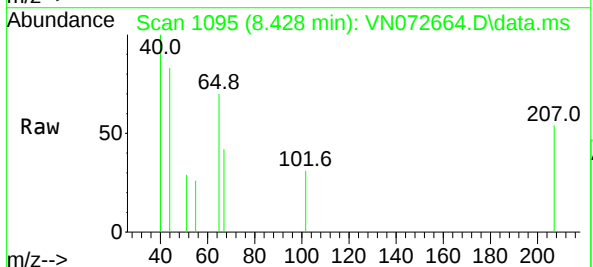
Sig	Exp Ratio
128	100
49	156.9
130	128.1

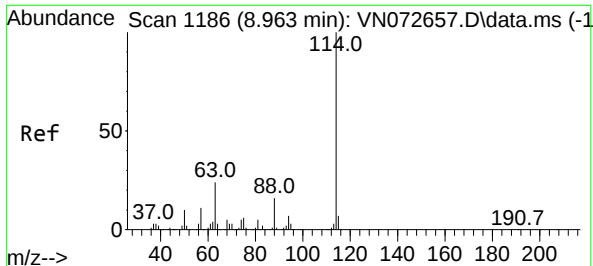


#27
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.428 min Scan# 1095
 Delta R.T. -0.006 min
 Lab File: VN072664.D
 Acq: 06 Jun 2022 15:16

Tgt Ion: 65 Resp: 1084

Ion	Ratio	Lower	Upper
65	100		
67	32.4	40.2	60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.975 min Scan# 1186

Delta R.T. 0.012 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

BFB

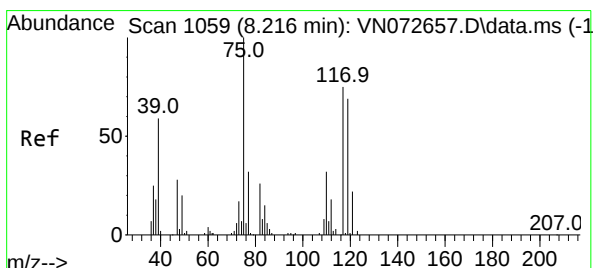
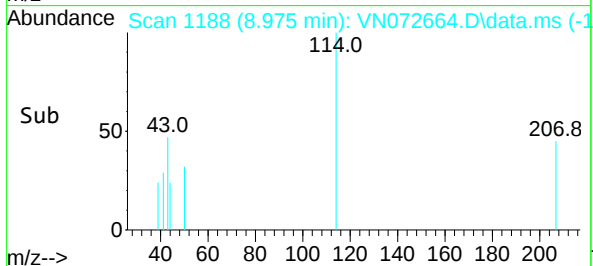
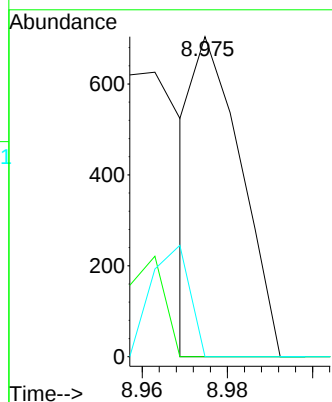
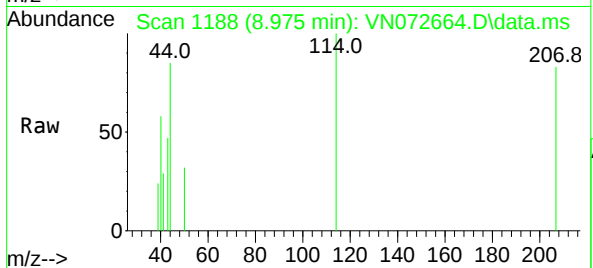
Tgt Ion:114 Resp: 537

Ion Ratio Lower Upper

114 100

63 24.8 15.8 23.6#

88 28.9 11.6 17.4#



#29

1,1-Dichloropropene

Concen: 8.206 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

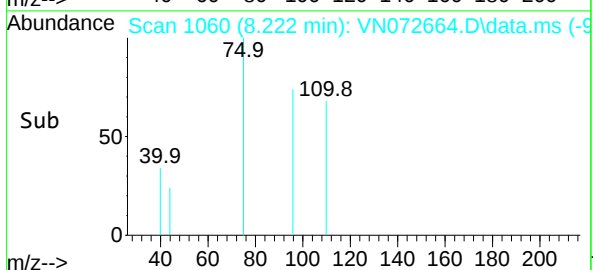
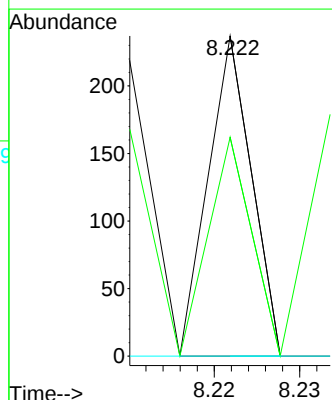
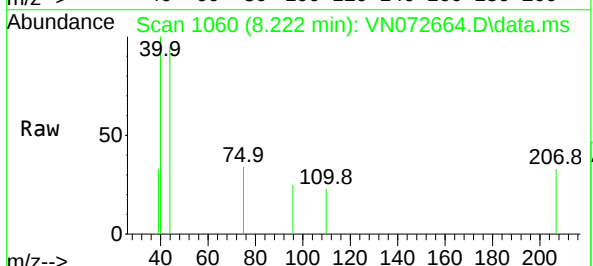
Tgt Ion: 75 Resp: 84

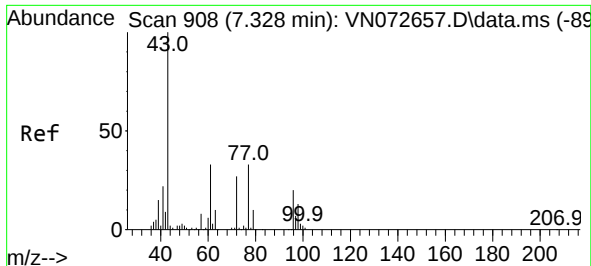
Ion Ratio Lower Upper

75 100

110 67.9 0.0 74.2

77 0.0 0.0 63.2

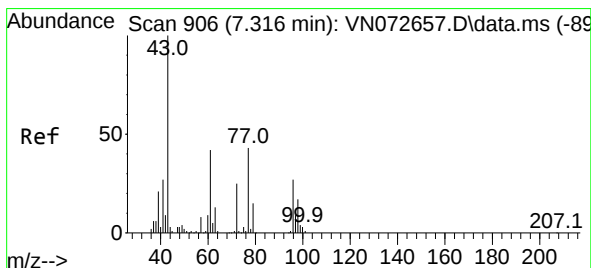
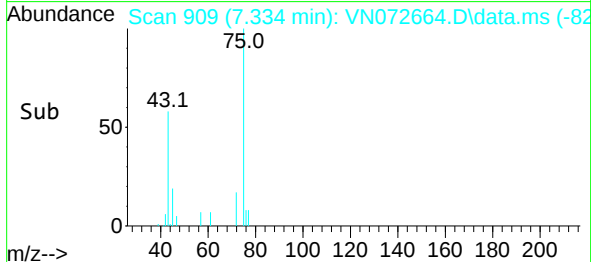
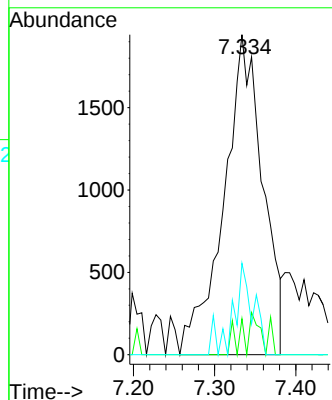
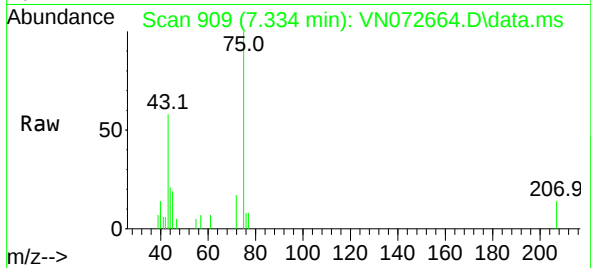




#30
2-Butanone
Concen: 876.598 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

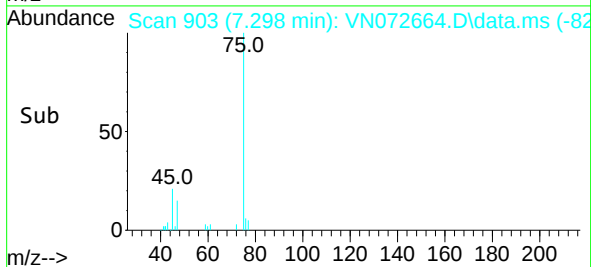
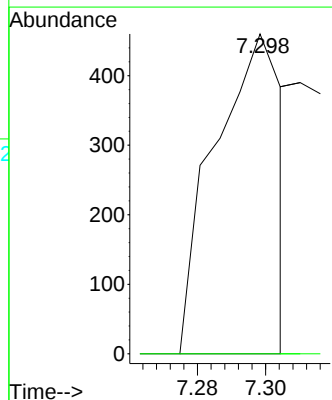
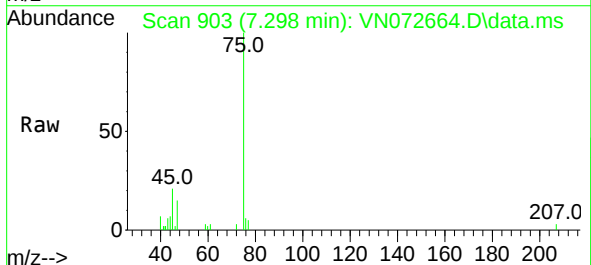
Instrument :
MSVOA_N
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BFB

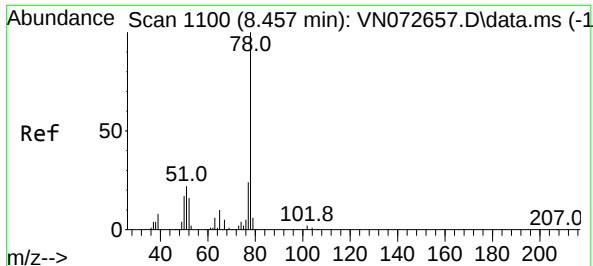
Tgt Ion: 43 Resp: 6494
Ion Ratio Lower Upper
43 100
57 1.2 6.7 10.1#
72 9.1 23.2 34.8#



#31
2,2-Dichloropropane
Concen: 45.900 ug/l
RT: 7.298 min Scan# 903
Delta R.T. -0.017 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 77 Resp: 636
Ion Ratio Lower Upper
77 100
97 0.0 18.3 27.5#

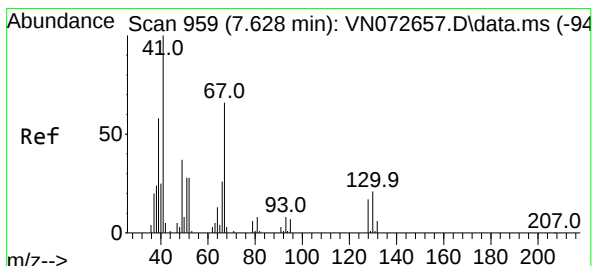
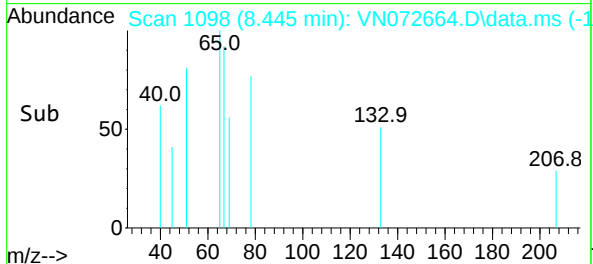
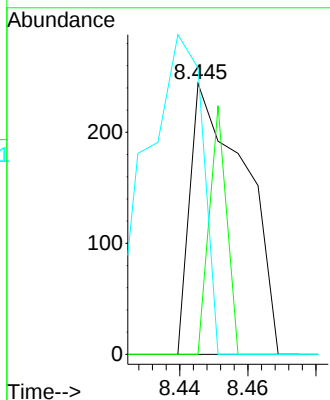
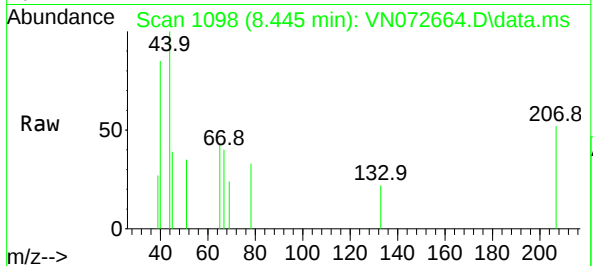




#34
Benzene
Concen: 8.949 ug/l
RT: 8.445 min Scan# 1098
Delta R.T. -0.012 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

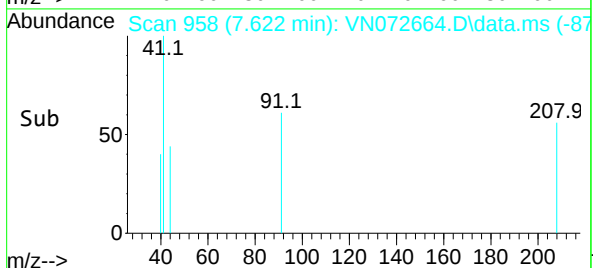
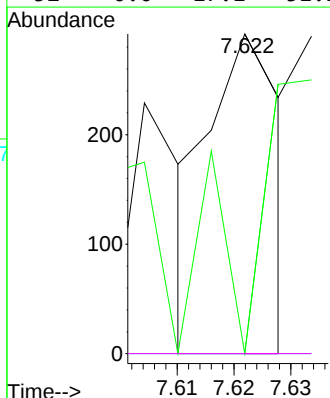
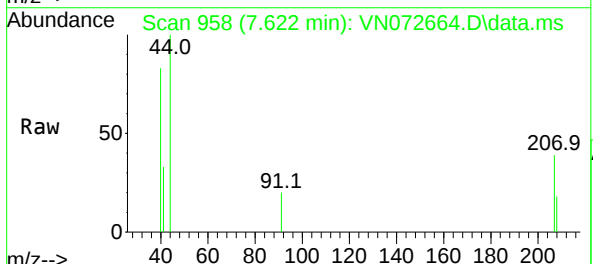
Instrument :
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BFB

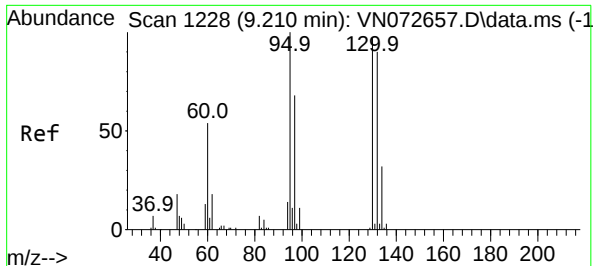
Tgt Ion: 78 Resp: 271
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#
51 105.7 16.0 24.0#



#35
Methacrylonitrile
Concen: 35.518 ug/l
RT: 7.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 41 Resp: 258
Ion Ratio Lower Upper
41 100
39 0.0 28.0 83.9#
67 0.0 37.7 113.1#
52 0.0 17.1 51.2#





#37

Trichloroethene

Concen: 12.738 ug/l

RT: 9.210 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

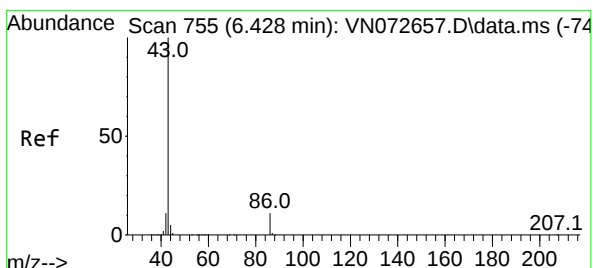
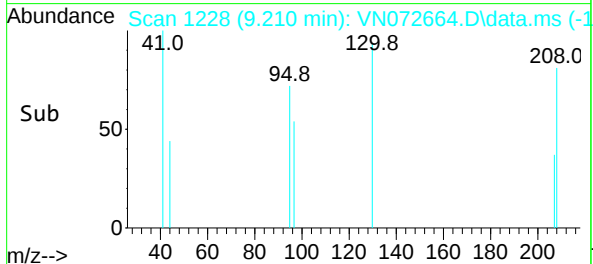
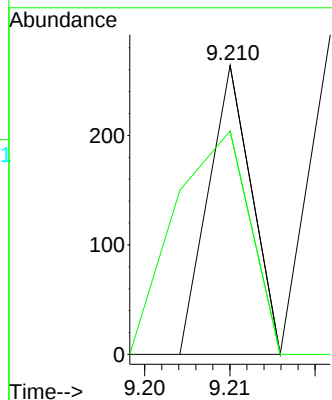
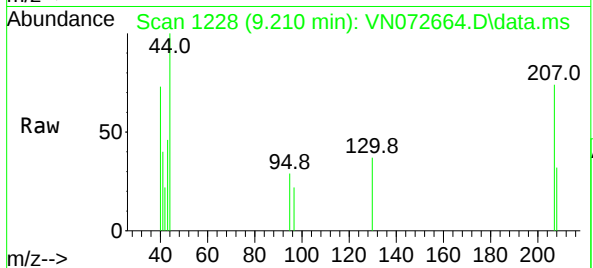
BFB

Tgt Ion:130 Resp: 93

Ion Ratio Lower Upper

130 100

95 77.3 76.6 115.0



#42

Vinyl Acetate

Concen: 22.680 ug/l

RT: 6.428 min Scan# 755

Delta R.T. 0.000 min

Lab File: VN072664.D

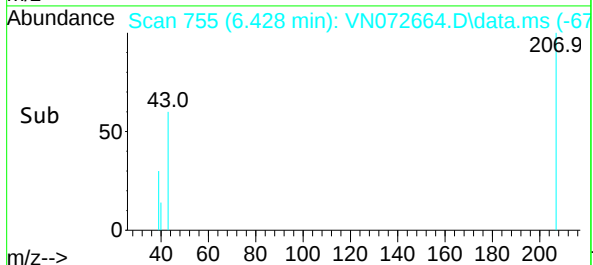
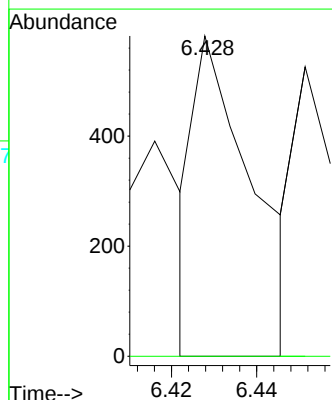
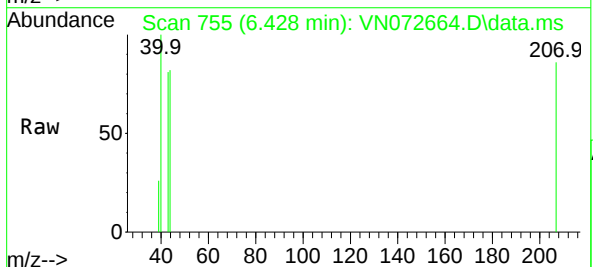
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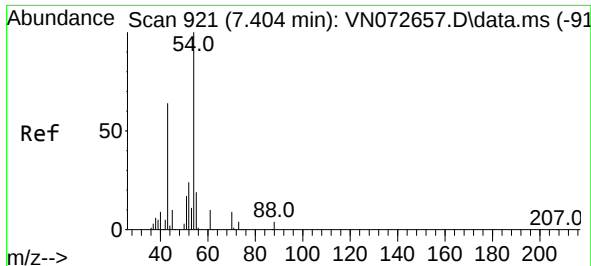
Tgt Ion: 43 Resp: 547

Ion Ratio Lower Upper

43 100

86 0.0 7.5 11.3#





#43

Ethyl Acetate

Concen: 11.484 ug/l

RT: 7.422 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN072664.D

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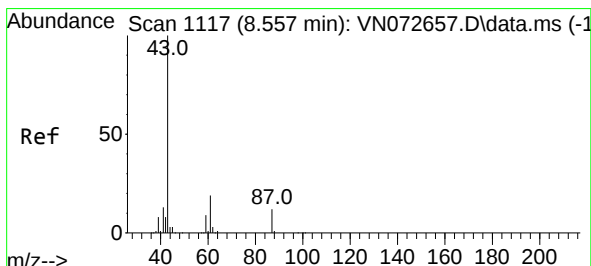
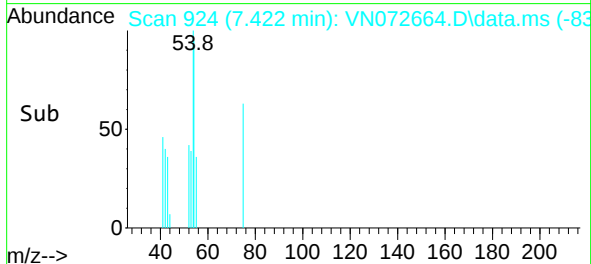
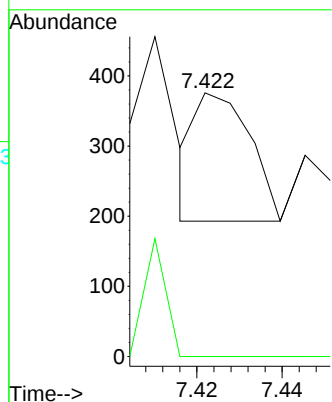
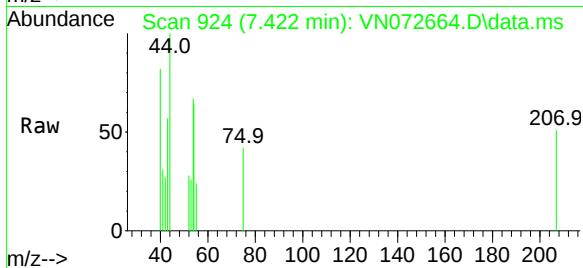
BFB

Tgt Ion: 43 Resp: 163

Ion Ratio Lower Upper

43 100

45 38.7 10.6 16.0#



#44

Isopropyl Acetate

Concen: 20.727 ug/l

RT: 8.551 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VN072664.D

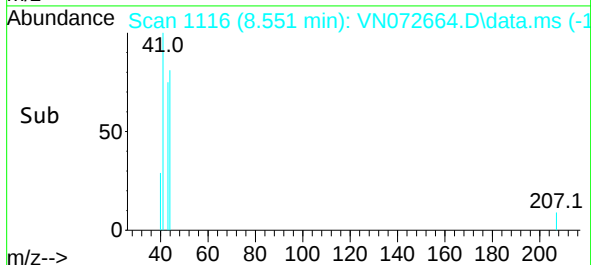
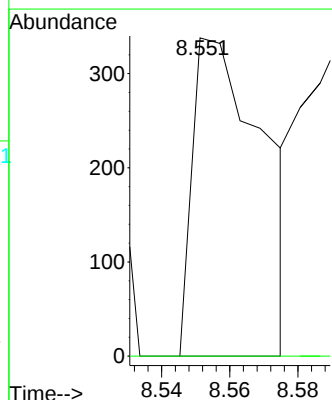
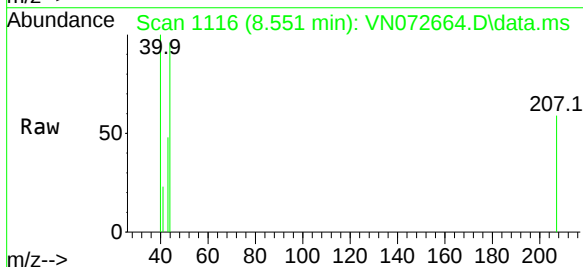
Acq: 06 Jun 2022 15:16

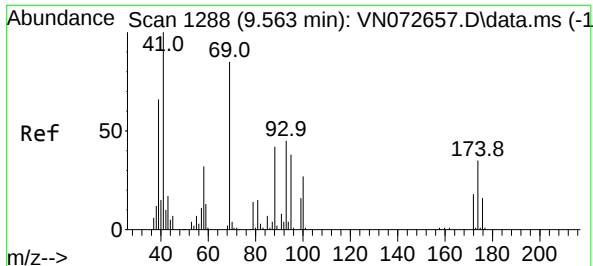
Tgt Ion: 43 Resp: 488

Ion Ratio Lower Upper

43 100

61 0.0 20.1 30.1#

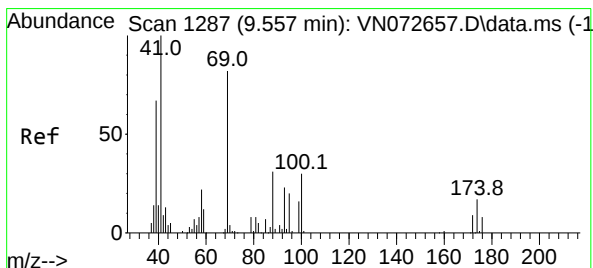
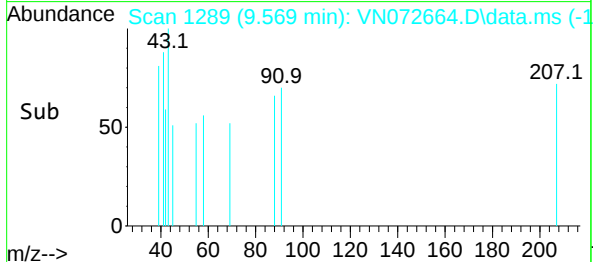
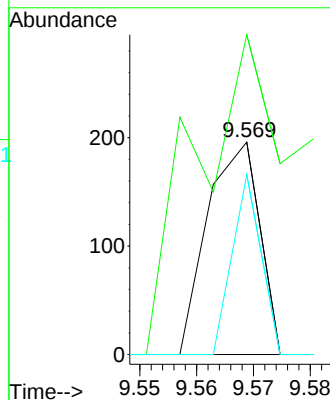
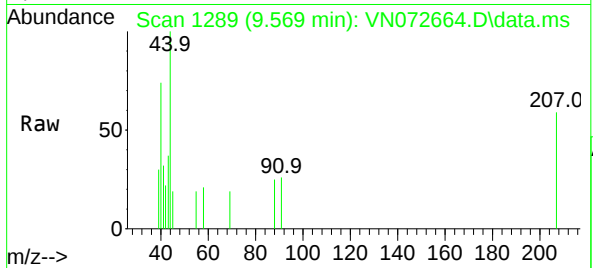




#45
1,4-Dioxane
Concen: 646.061 ug/l
RT: 9.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

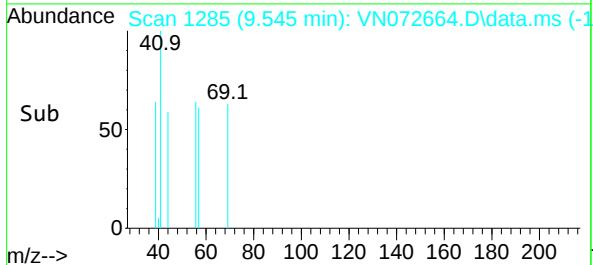
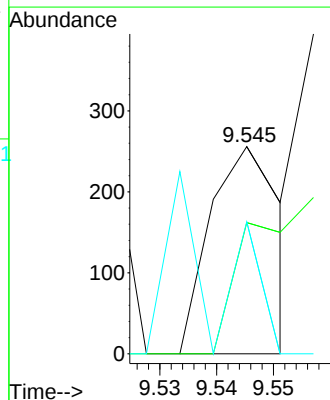
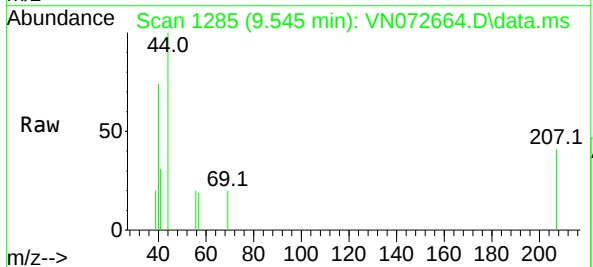
Instrument :
MSVOA_N
ClientSampleId :
BFB

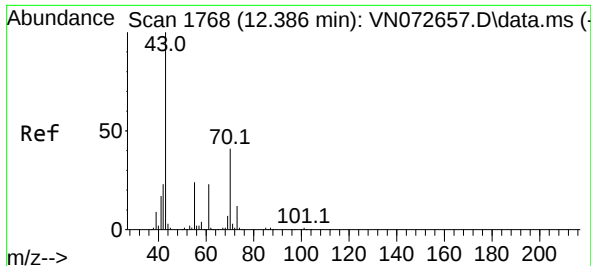
Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
43 237.6 25.0 37.6#
58 0.0 49.4 74.2#



#46
Methyl methacrylate
Concen: 21.277 ug/l
RT: 9.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 41 Resp: 224
Ion Ratio Lower Upper
41 100
69 63.3 44.4 133.2
39 63.7 39.9 119.6

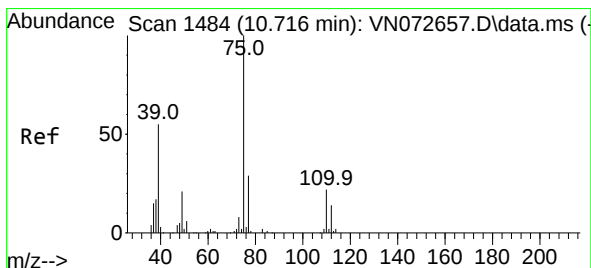
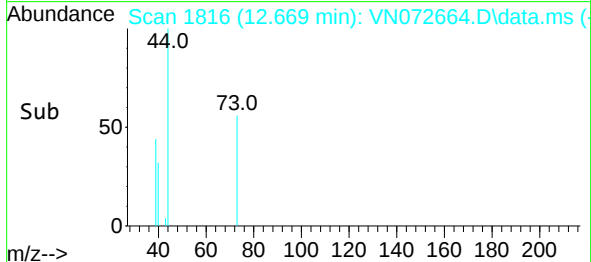
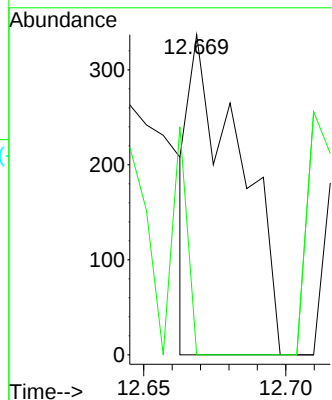
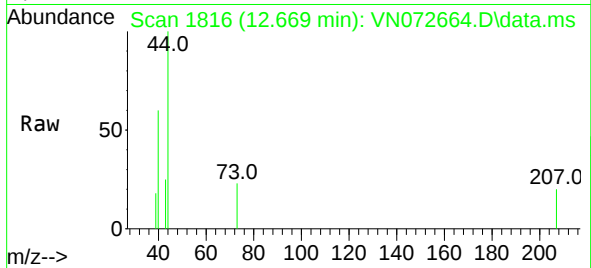




#47
n-amy1 Acetate
Concen: 22.801 ug/l
RT: 12.669 min Scan# 11
Delta R.T. 0.283 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

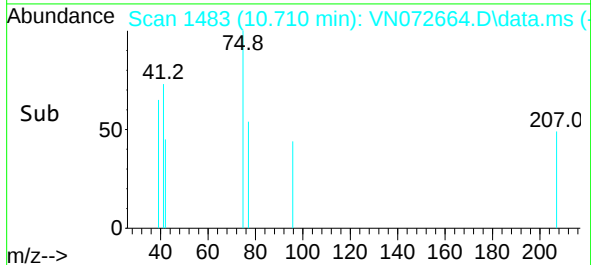
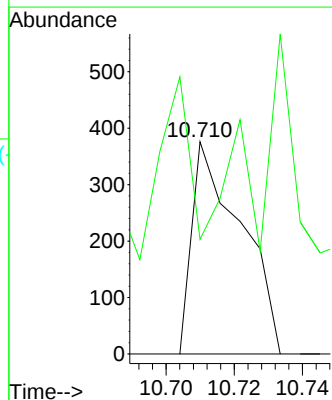
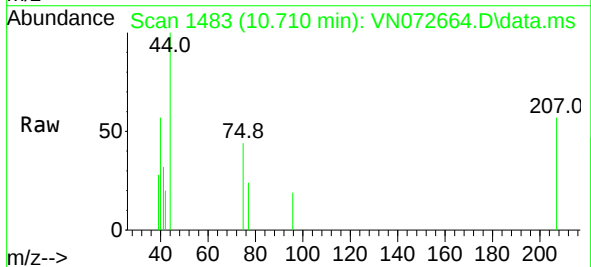
Instrument :
MSVOA_N
ClientSampleId :
BFB

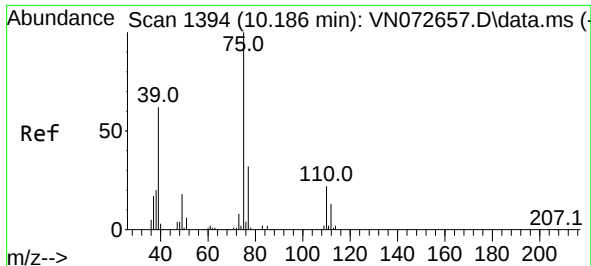
Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
55 20.7 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 26.963 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 75 Resp: 376
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#





#49

cis-1,3-Dichloropropene

Concen: 14.336 ug/l

RT: 10.186 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

BFB

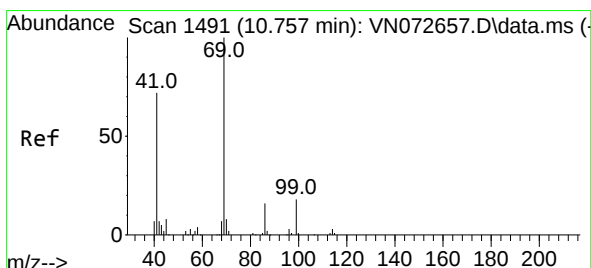
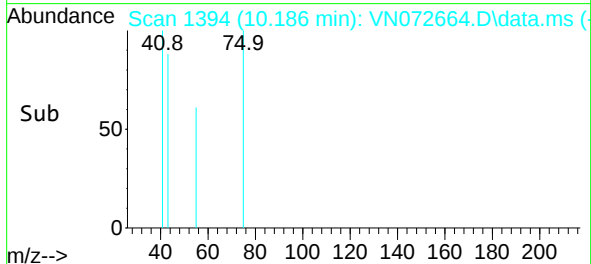
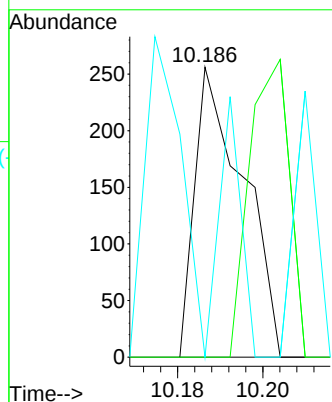
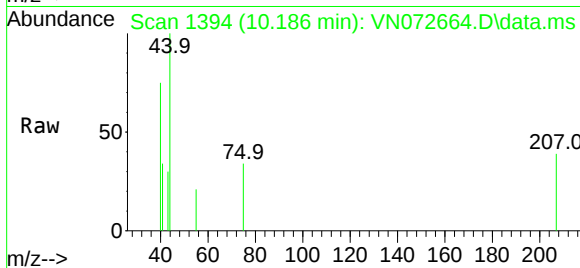
Tgt Ion: 75 Resp: 203

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

39 0.0 46.2 69.4#



#51

Ethyl methacrylate

Concen: 23.588 ug/l

RT: 10.757 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

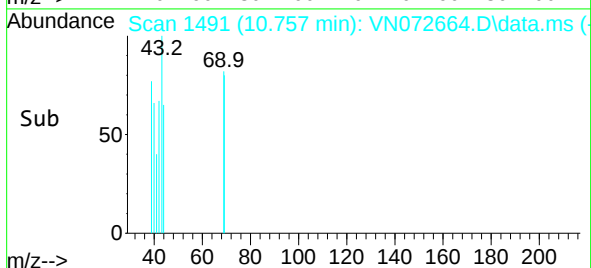
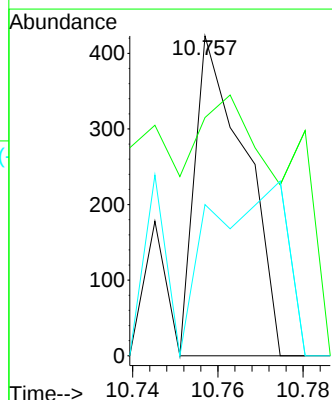
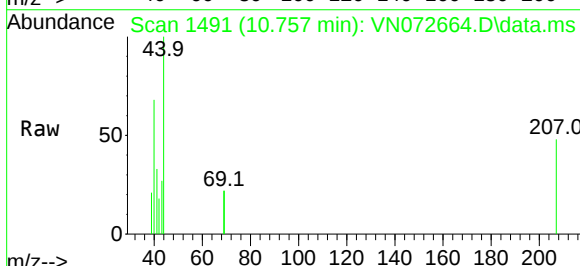
Tgt Ion: 69 Resp: 345

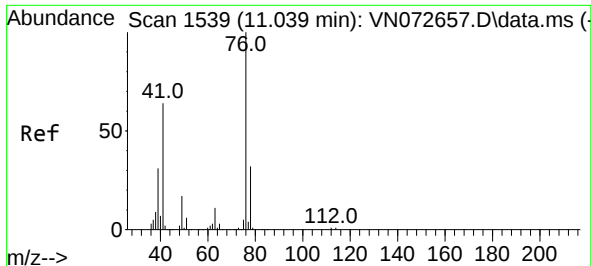
Ion Ratio Lower Upper

69 100

41 21.0 33.0 98.9#

39 47.3 25.4 76.4





#52

1,3-Dichloropropane

Concen: 9.464 ug/l

RT: 10.598 min Scan# 1464

Delta R.T. -0.441 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

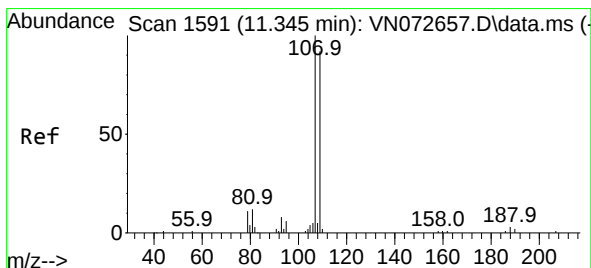
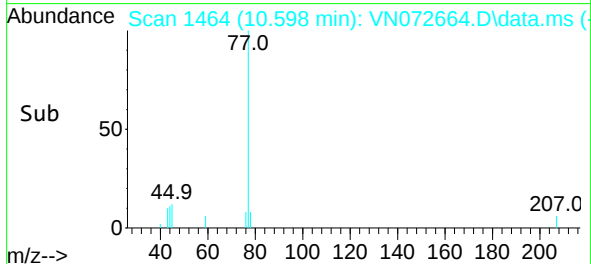
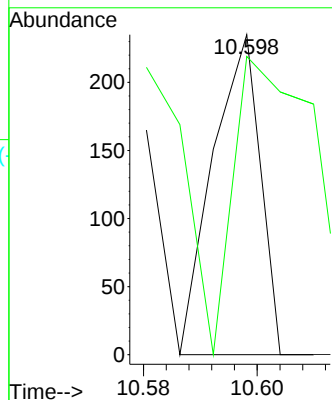
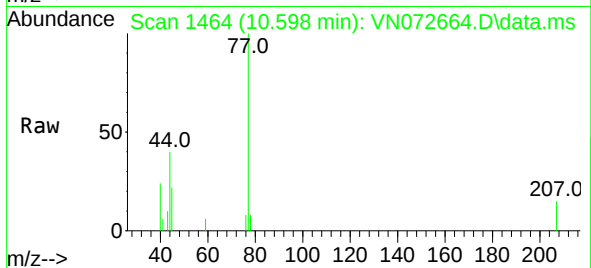
BFB

Tgt Ion: 76 Resp: 136

Ion Ratio Lower Upper

76 100

78 154.4 0.0 65.4#



#54

1,2-Dibromoethane

Concen: 8.127 ug/l

RT: 11.345 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VN072664.D

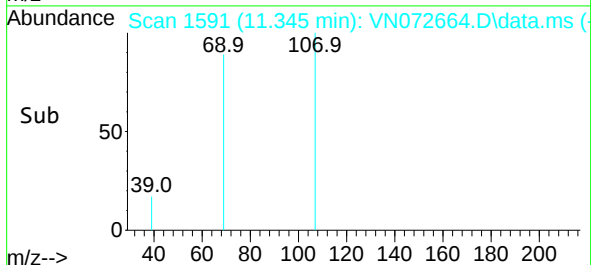
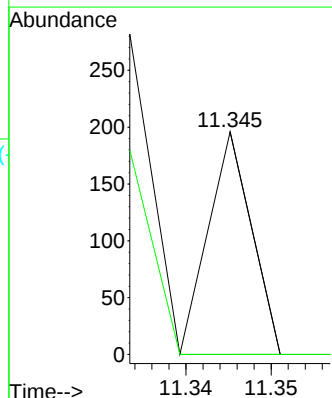
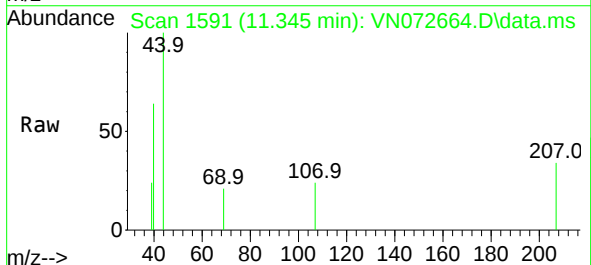
Acq: 06 Jun 2022 15:16

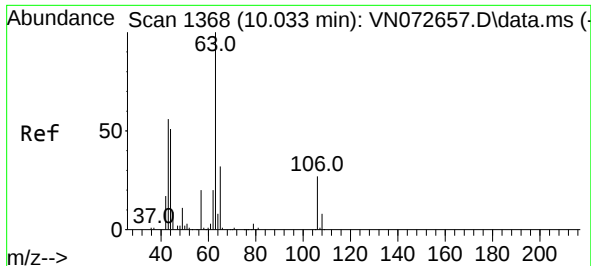
Tgt Ion: 107 Resp: 69

Ion Ratio Lower Upper

107 100

109 0.0 72.8 109.2#

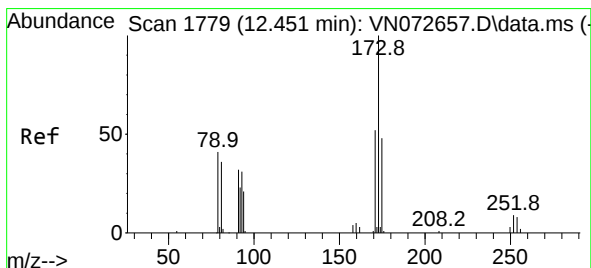
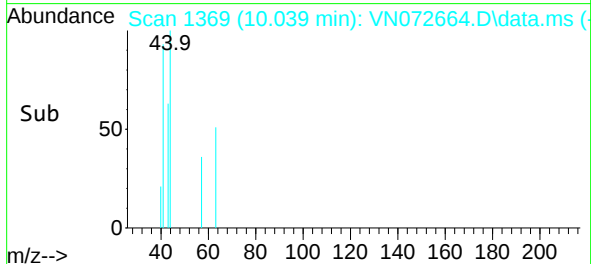
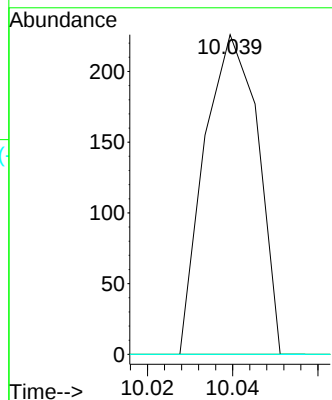
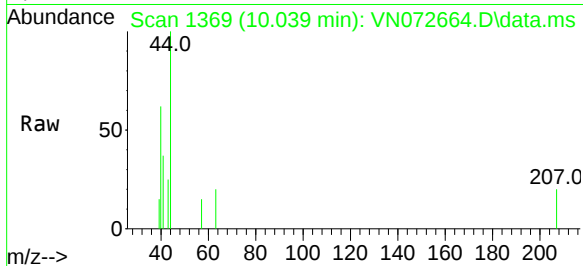




#55
2-Chloroethyl vinyl ether
Concen: 34.389 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

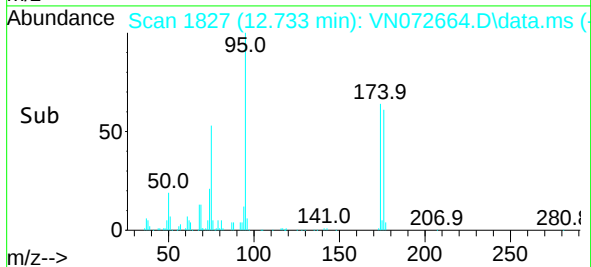
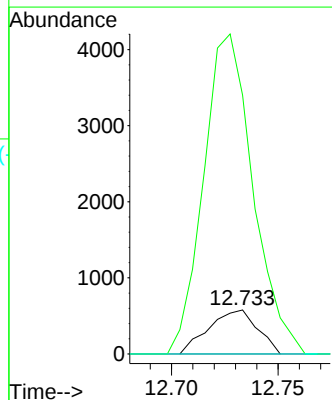
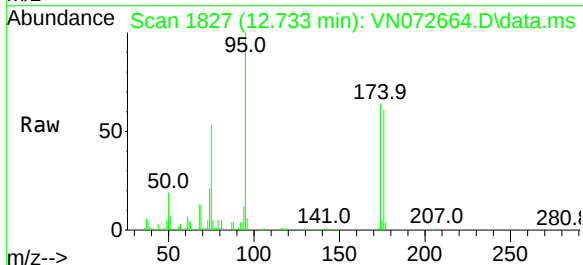
Instrument :
MSVOA_N
ClientSampleId :
BFB

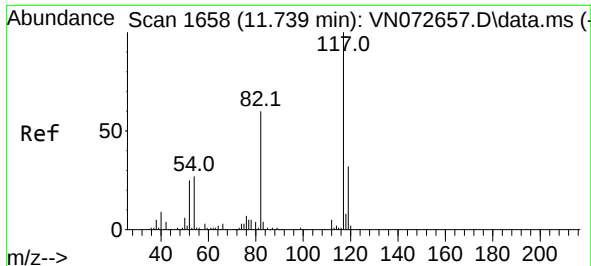
Tgt Ion: 63 Resp: 197
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.0#
106 0.0 23.2 34.8#



#56
Bromoform
Concen: 148.690 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. 0.283 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion:173 Resp: 923
Ion Ratio Lower Upper
173 100
175 735.2 38.6 58.0#
254 0.0 0.0 0.0

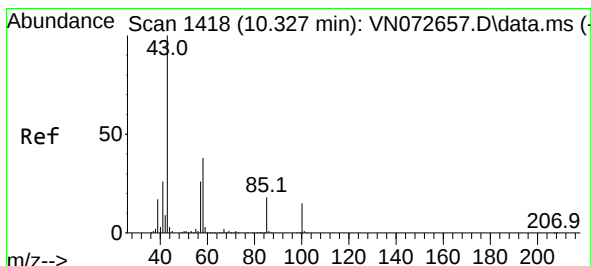
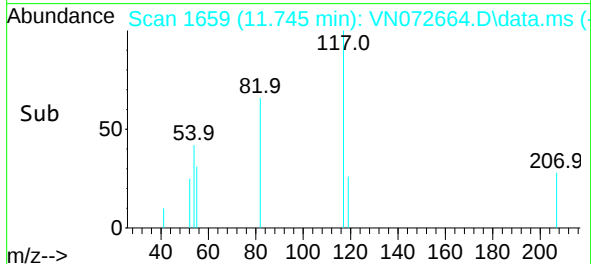
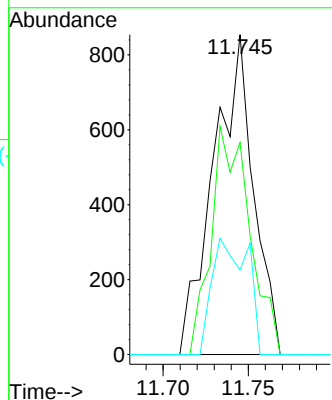
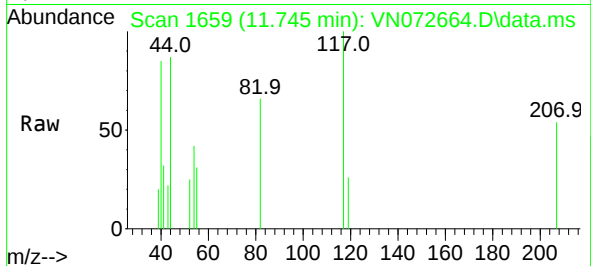




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

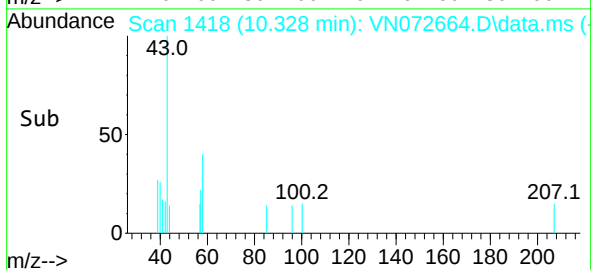
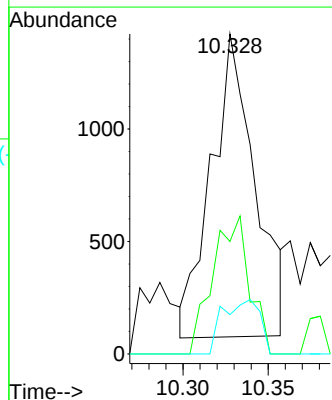
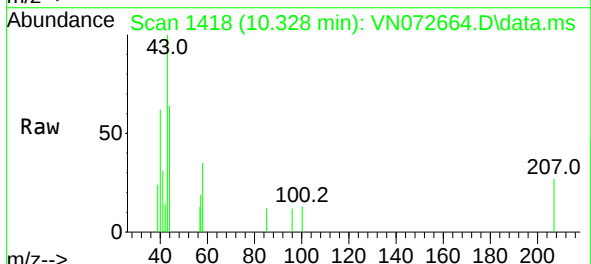
Instrument :
MSVOA_N
ClientSampleId :
BFB

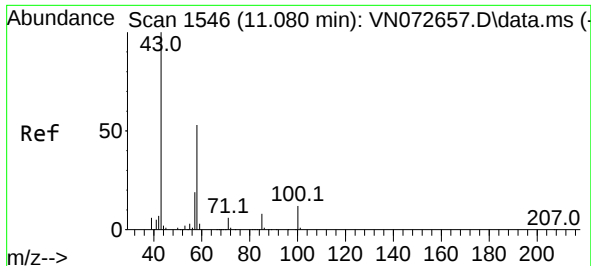
Tgt Ion:117 Resp: 1395
Ion Ratio Lower Upper
117 100
82 0.0 43.6 65.4#
119 7.5 25.8 38.6#



#58
4-Methyl-2-Pentanone
Concen: 57.719 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 43 Resp: 2415
Ion Ratio Lower Upper
43 100
58 38.1 30.0 45.0
85 9.4 15.0 22.6#

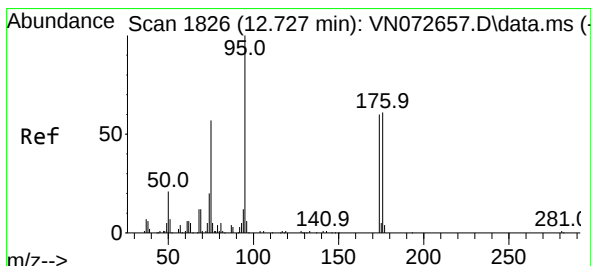
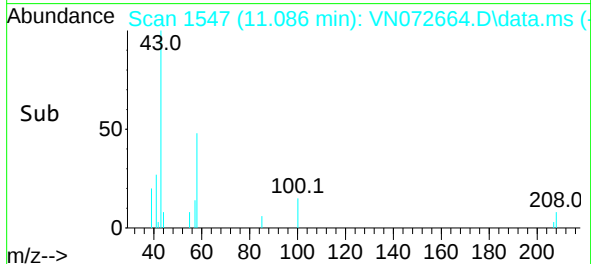
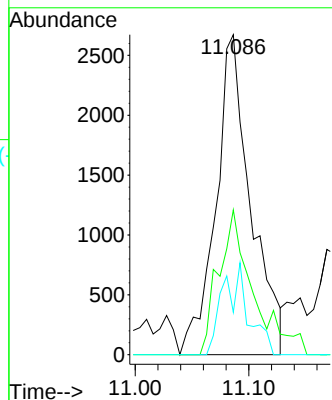
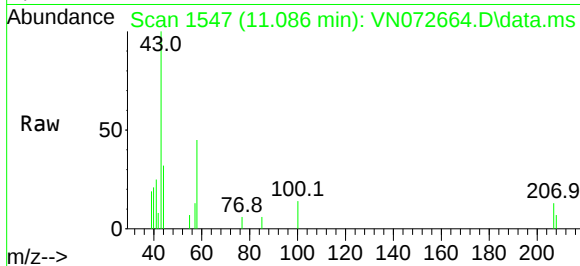




#59
2-Hexanone
Concen: 180.098 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

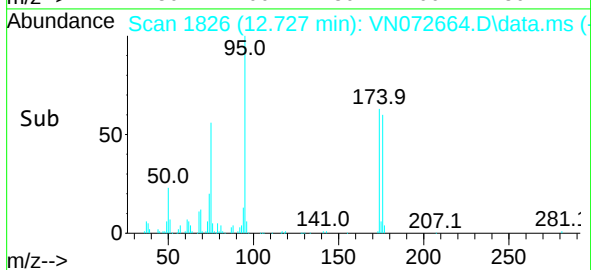
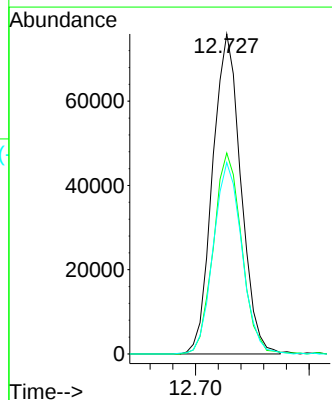
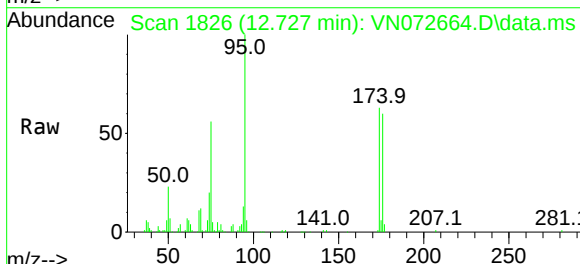
Instrument :
MSVOA_N
ClientSampleId :
BFB

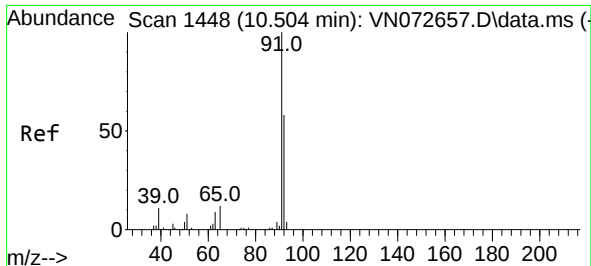
Tgt Ion: 43 Resp: 5713
Ion Ratio Lower Upper
43 100
58 38.6 42.2 63.2#
57 7.7 15.0 22.4#



#60
4-Bromofluorobenzene
Concen: 4578.499 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 95 Resp: 131366
Ion Ratio Lower Upper
95 100
174 62.5 62.9 94.3#
176 60.4 61.0 91.4#

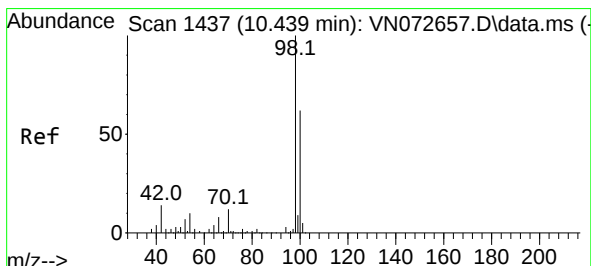
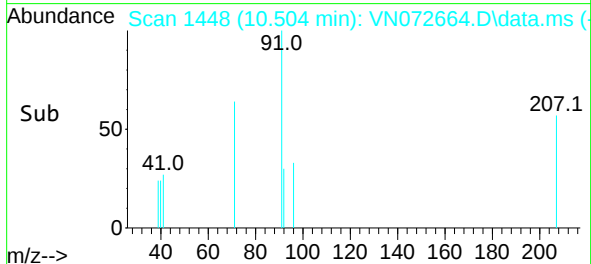
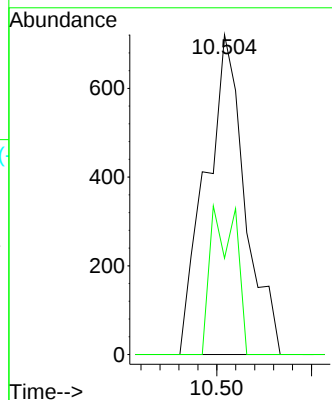
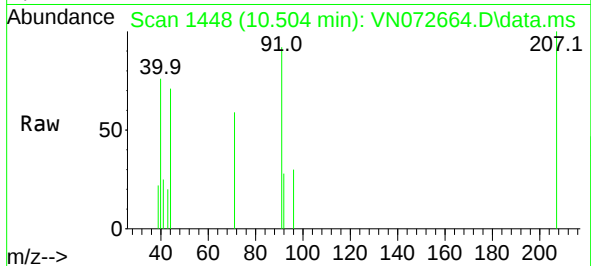




#62
Toluene
Concen: 10.963 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

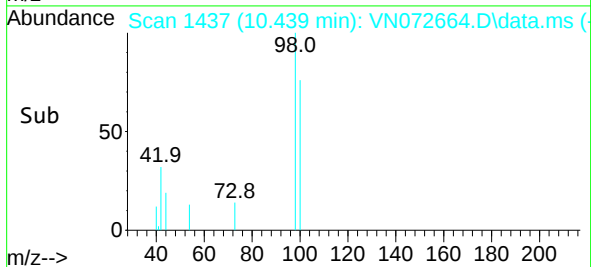
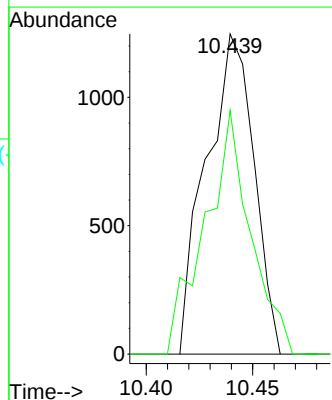
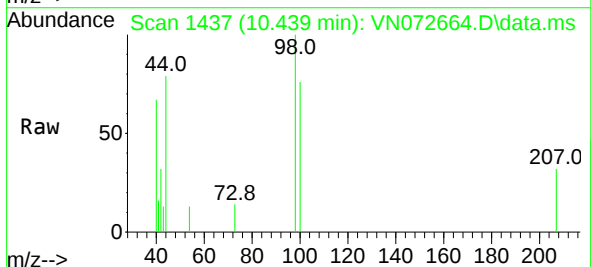
Instrument :
MSVOA_N
ClientSampleId :
BFB

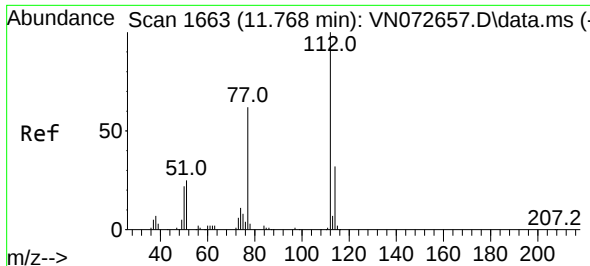
Tgt Ion: 91 Resp: 1037
Ion Ratio Lower Upper
91 100
92 30.0 44.6 67.0#



#63
Toluene-d8
Concen: 25.195 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 98 Resp: 1947
Ion Ratio Lower Upper
98 100
100 72.5 50.6 76.0

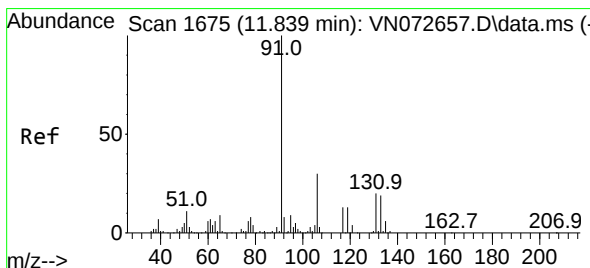
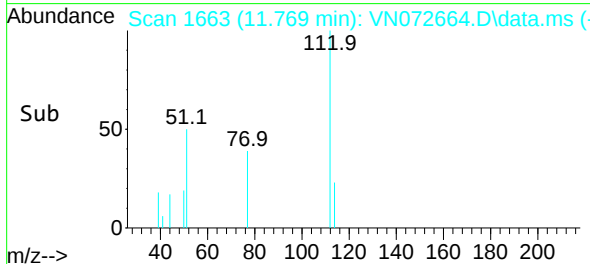
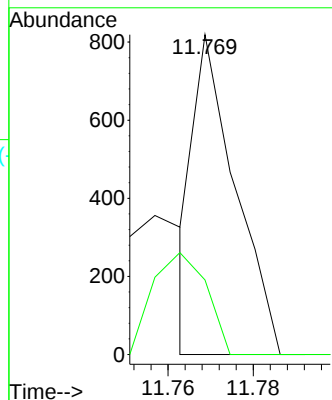
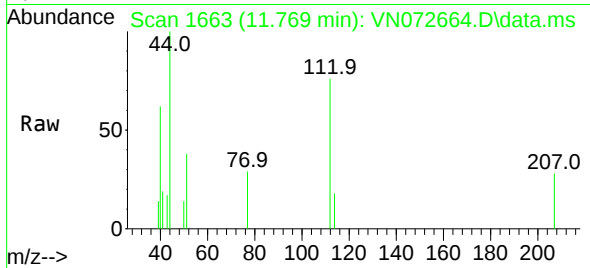




#64
Chlorobenzene
Concen: 9.533 ug/l
RT: 11.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

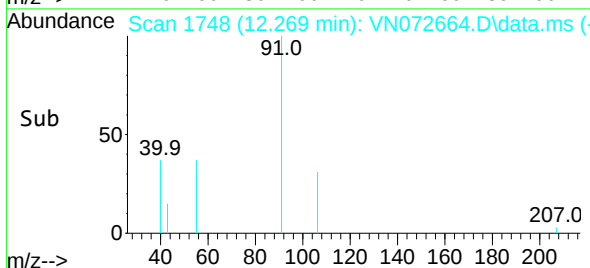
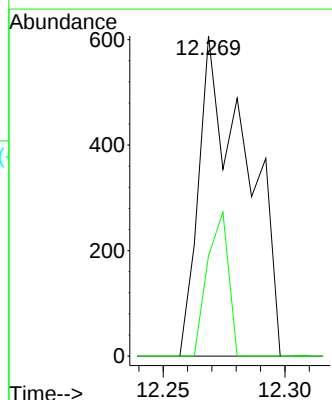
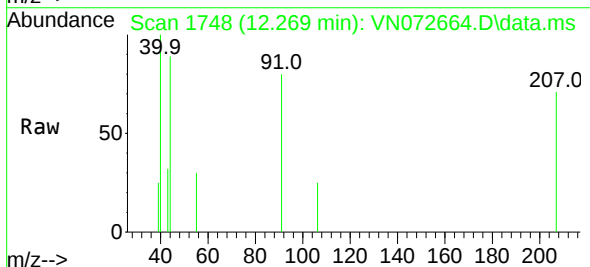
Instrument :
MSVOA_N
ClientSampleId :
BFB

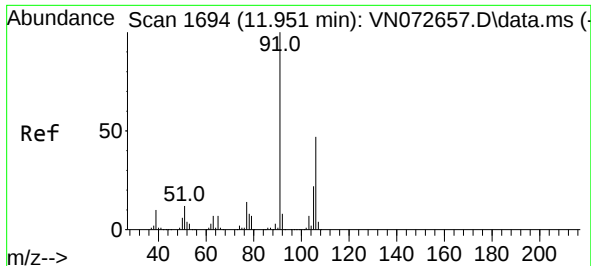
Tgt Ion:112 Resp: 549
Ion Ratio Lower Upper
112 100
114 23.3 25.8 38.6#



#66
Ethyl Benzene
Concen: 7.597 ug/l
RT: 12.269 min Scan# 1748
Delta R.T. 0.430 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 91 Resp: 825
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0





#67

m/p-Xylenes

Concen: 21.131 ug/l

RT: 11.957 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

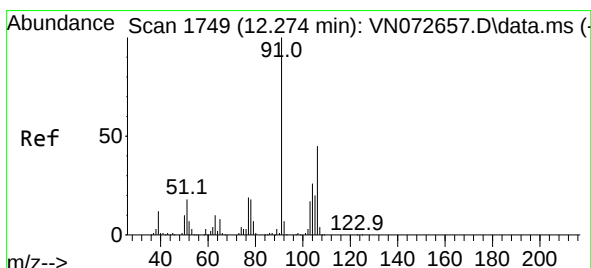
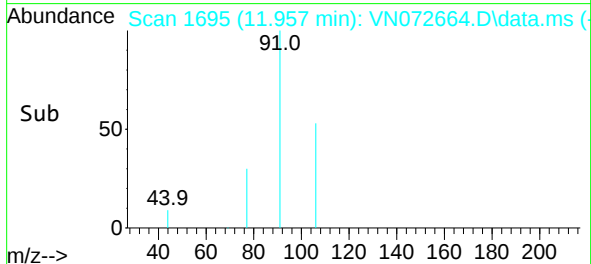
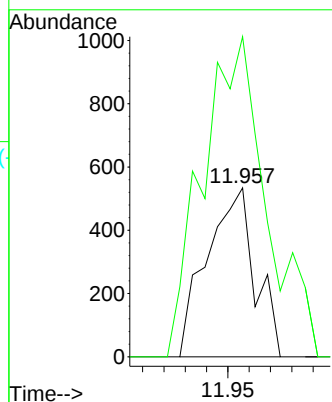
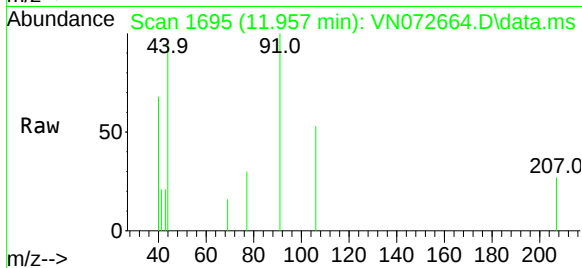
BFB

Tgt Ion:106 Resp: 837

Ion Ratio Lower Upper

106 100

91 229.3 162.9 244.3



#68

o-Xylene

Concen: 20.714 ug/l

RT: 11.957 min Scan# 1695

Delta R.T. -0.317 min

Lab File: VN072664.D

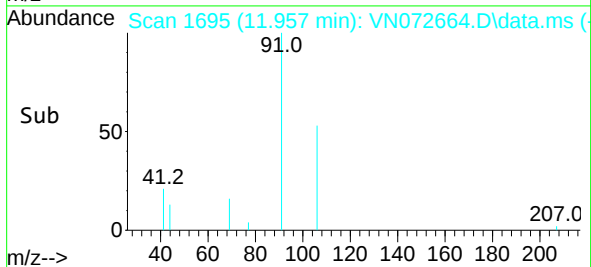
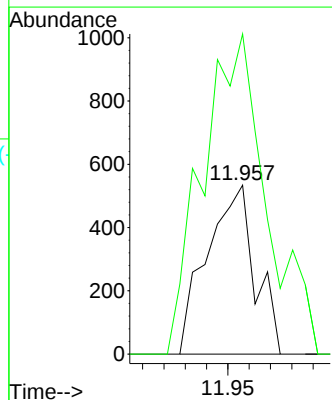
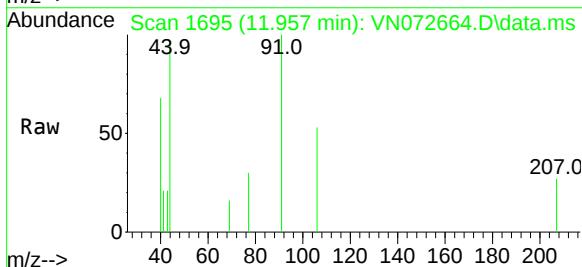
Acq: 06 Jun 2022 15:16

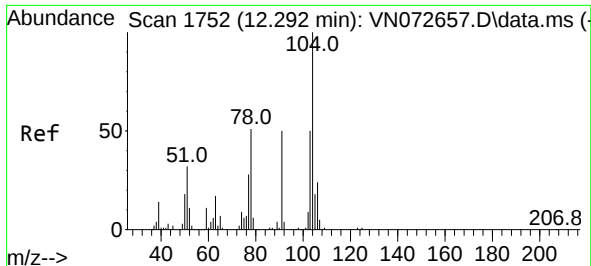
Tgt Ion:106 Resp: 837

Ion Ratio Lower Upper

106 100

91 229.3 107.7 323.1

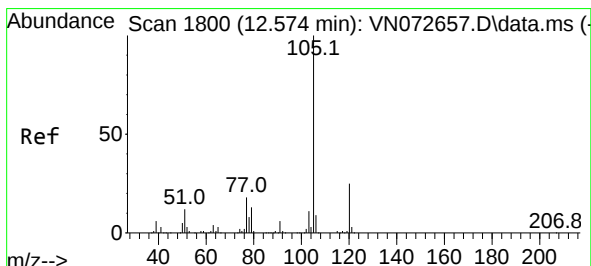
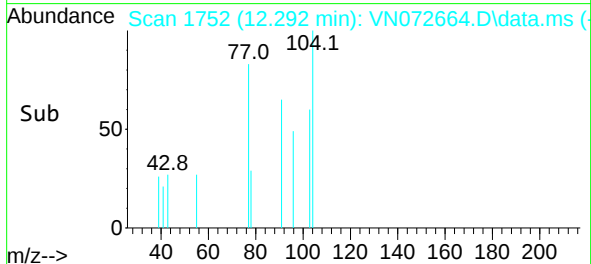
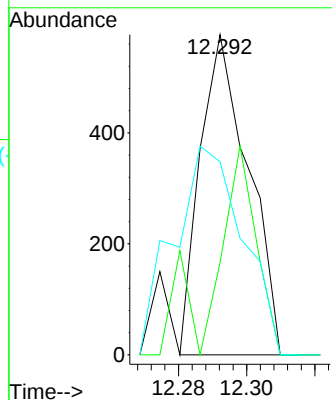
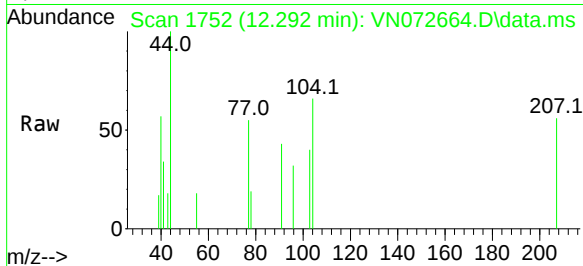




#69
Styrene
Concen: 8.839 ug/l
RT: 12.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

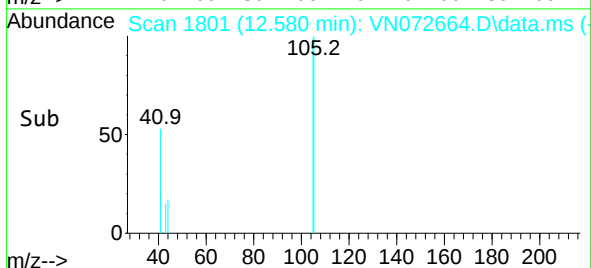
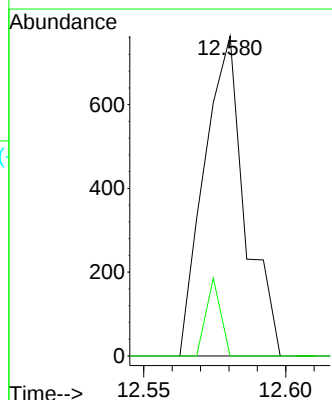
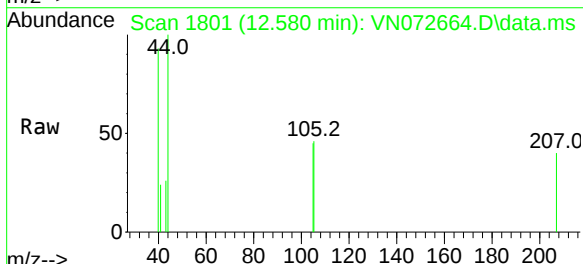
Instrument :
MSVOA_N
ClientSampleId :
BFB

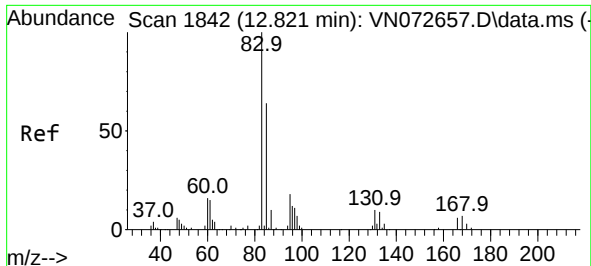
Tgt Ion:104 Resp: 567
Ion Ratio Lower Upper
104 100
78 44.3 40.7 61.1
103 93.5 45.8 68.8#



#70
Isopropylbenzene
Concen: 7.217 ug/l
RT: 12.580 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion:105 Resp: 762
Ion Ratio Lower Upper
105 100
120 0.0 18.3 34.1#

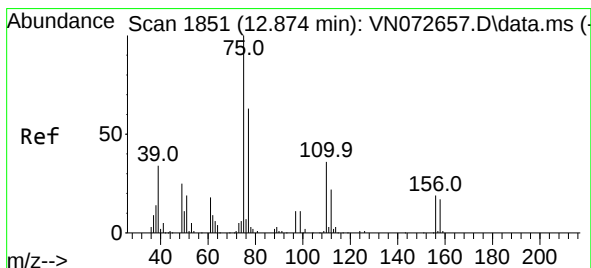
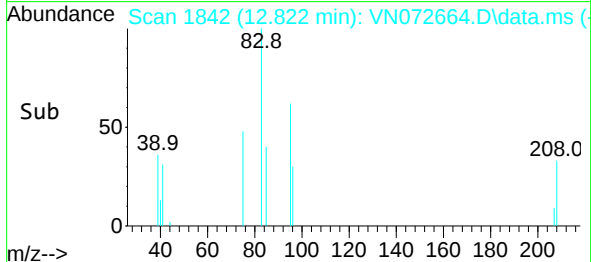
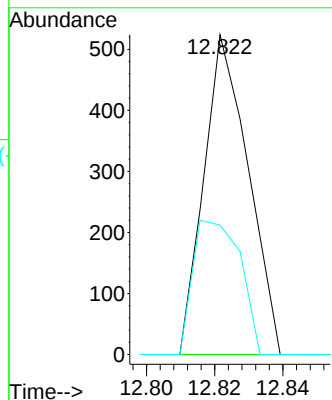
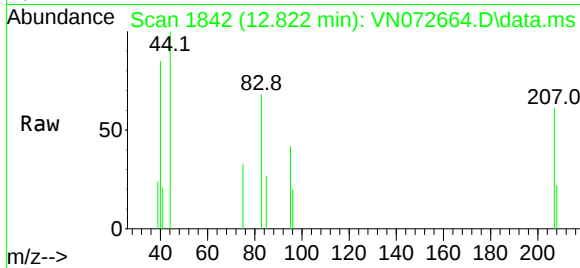




#71
 1,1,2,2-Tetrachloroethane
 Concen: 13.234 ug/l
 RT: 12.822 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072664.D
 Acq: 06 Jun 2022 15:16

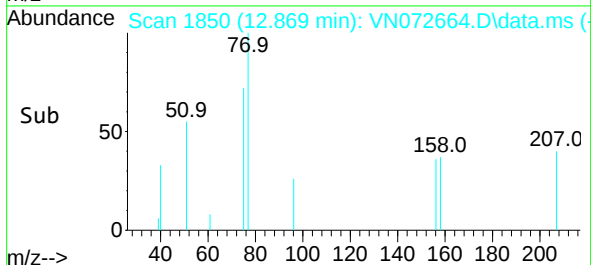
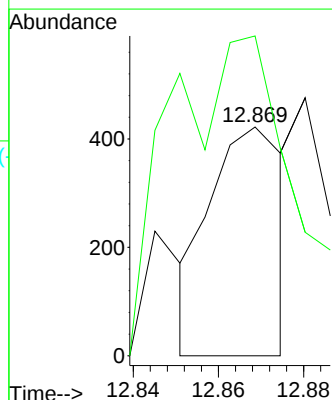
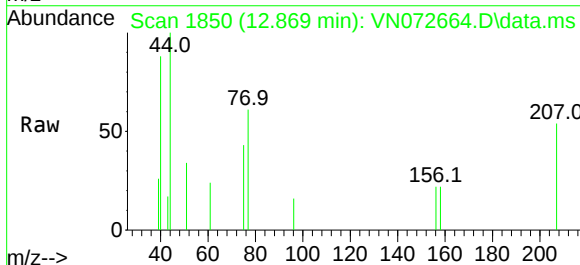
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

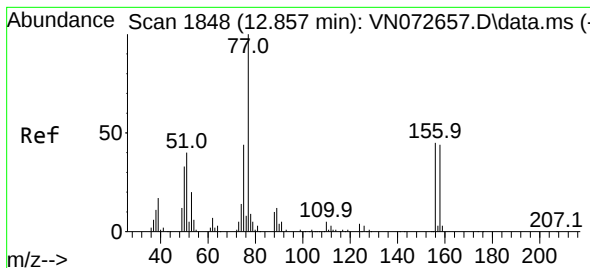
Tgt Ion: 83 Resp: 473
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.3#
 85 44.8 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 16.318 ug/l
 RT: 12.869 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: VN072664.D
 Acq: 06 Jun 2022 15:16

Tgt Ion: 75 Resp: 509
 Ion Ratio Lower Upper
 75 100
 77 81.5 0.0 378.0





#73

Bromobenzene

Concen: 20.685 ug/l

RT: 12.863 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

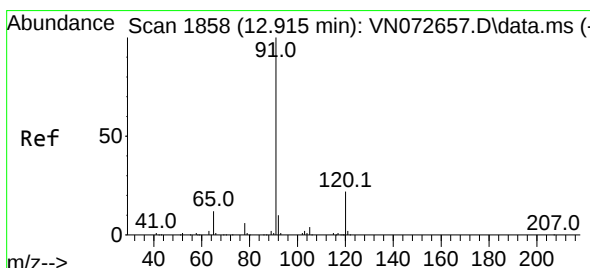
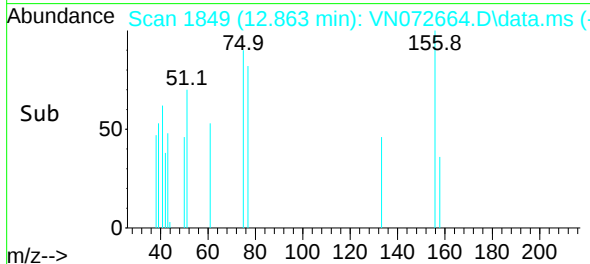
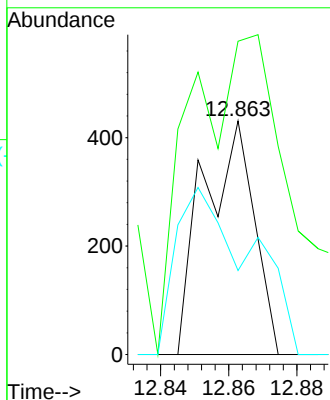
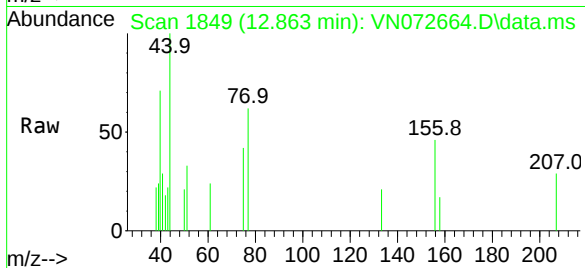
Instrument :

MSVOA_N

ClientSampleId :

BFB

Tgt Ion:	156	Resp:	444
Ion Ratio	Lower	Upper	
156	100		
77	93.5	0.0	416.0
158	29.7	0.0	195.4



#74

n-propylbenzene

Concen: 16.090 ug/l

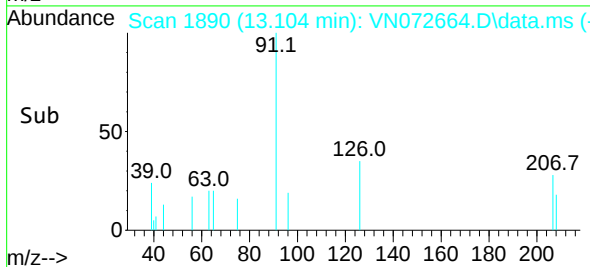
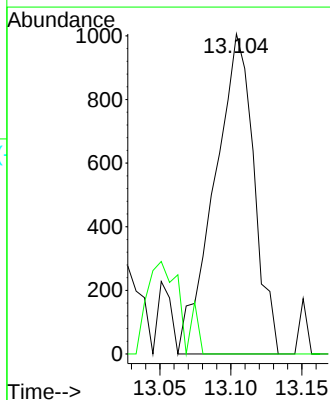
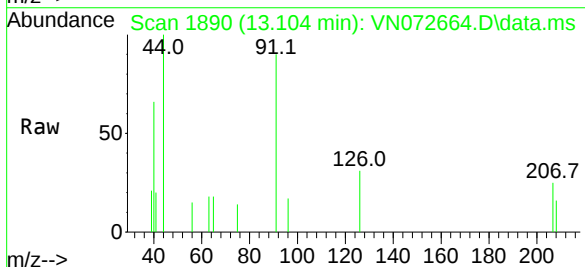
RT: 13.104 min Scan# 1890

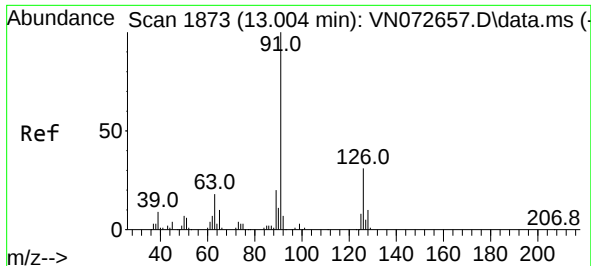
Delta R.T. 0.188 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

Tgt Ion:	91	Resp:	1944
Ion Ratio	Lower	Upper	
91	100		
120	3.0	0.0	45.0

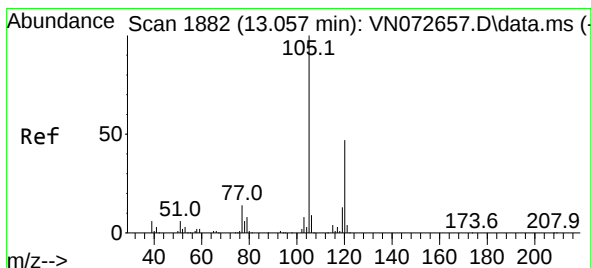
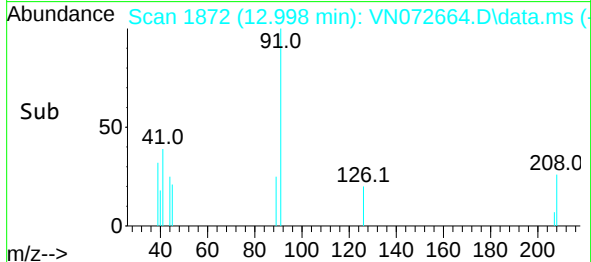
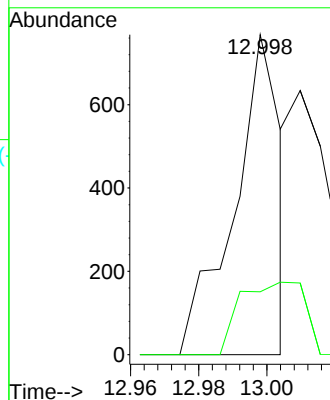
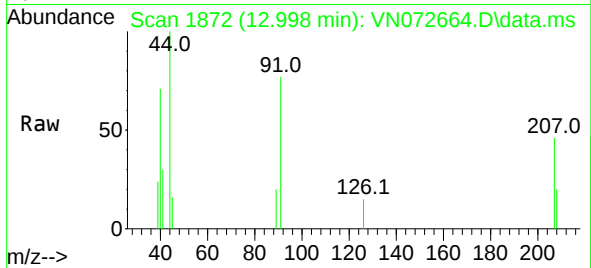




#75
2-Chlorotoluene
Concen: 9.881 ug/l
RT: 12.998 min Scan# 1872
Delta R.T. -0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

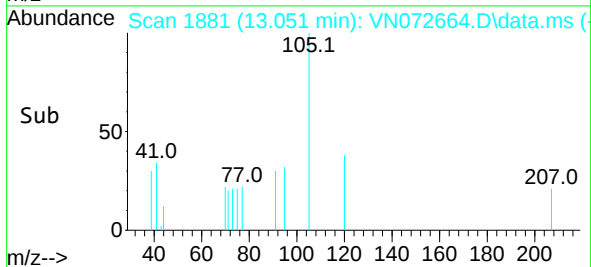
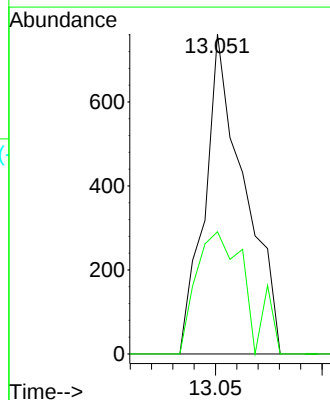
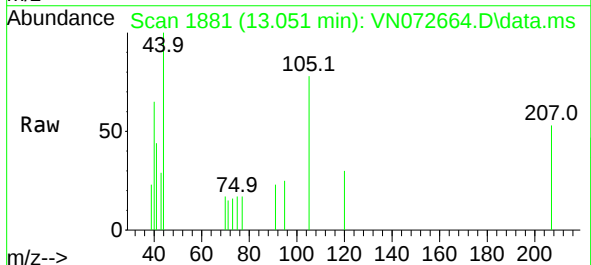
Instrument :
MSVOA_N
ClientSampleId :
BFB

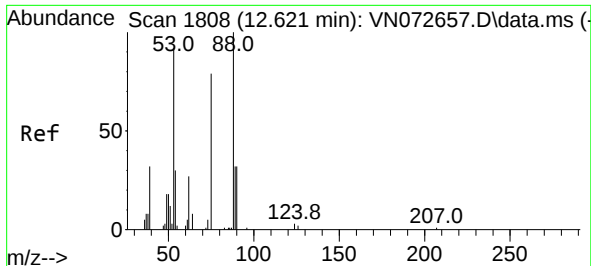
Tgt Ion: 91 Resp: 740
Ion Ratio Lower Upper
91 100
126 30.9 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 11.319 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 105 Resp: 981
Ion Ratio Lower Upper
105 100
120 42.7 0.0 93.8

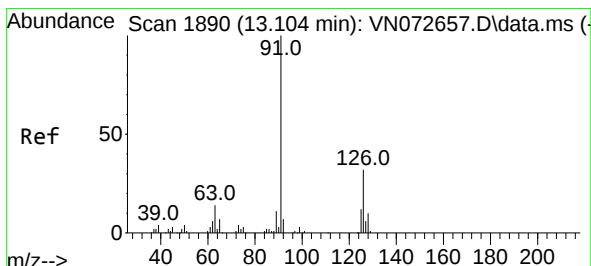
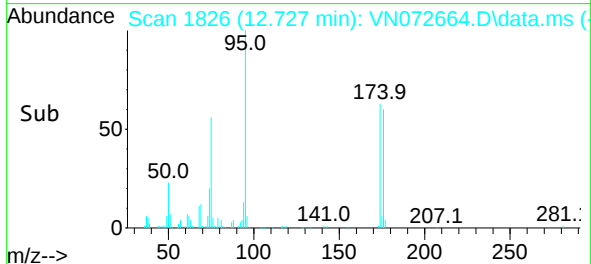
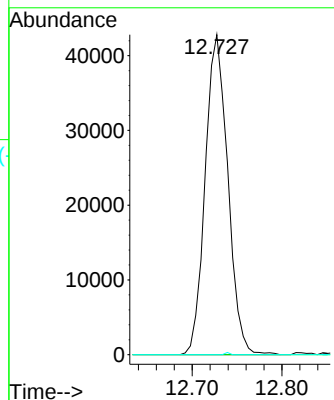
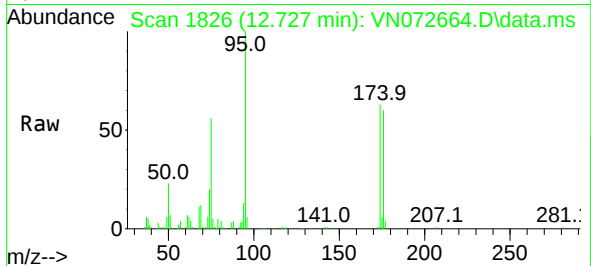




#77
t-1,4-Dichloro-2-butene
Concen: 5701.159 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

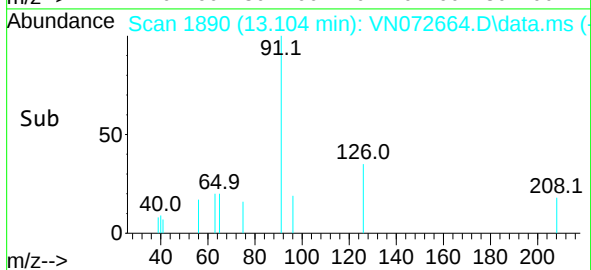
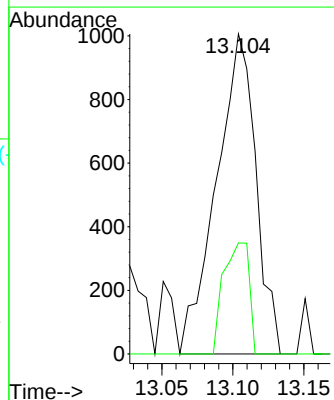
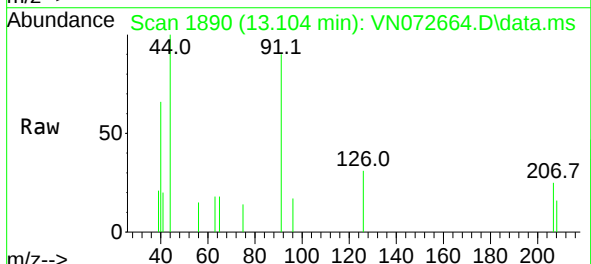
Instrument :
MSVOA_N
ClientSampleId :
BFB

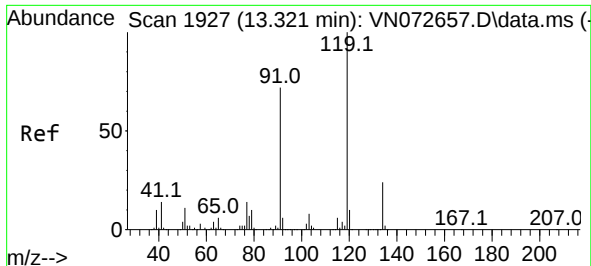
Tgt Ion: 75 Resp: 74952
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#



#78
4-Chlorotoluene
Concen: 27.476 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 91 Resp: 1944
Ion Ratio Lower Upper
91 100
126 22.5 0.0 70.6

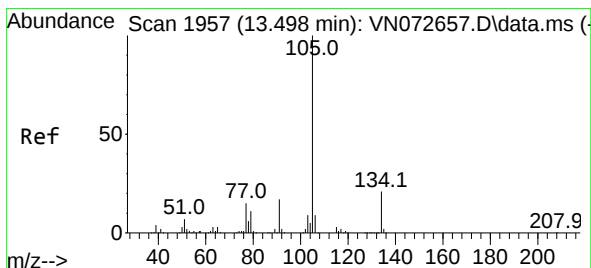
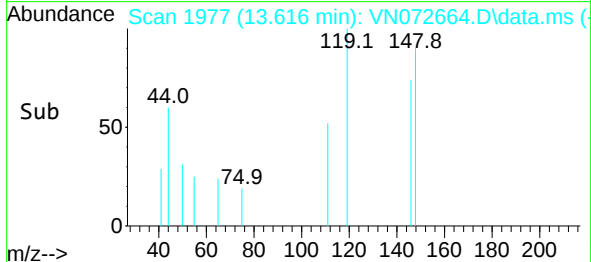
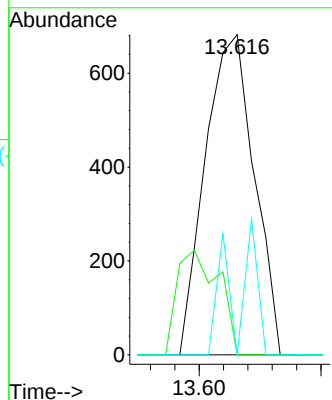
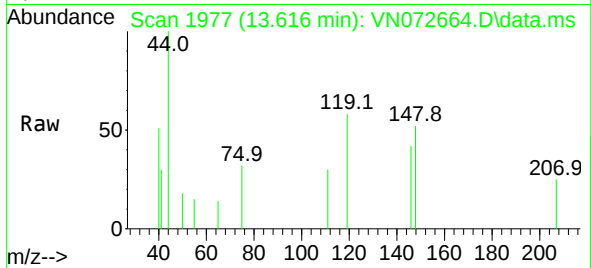




#79
tert-butylbenzene
Concen: 12.304 ug/l
RT: 13.616 min Scan# 1927
Delta R.T. 0.294 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

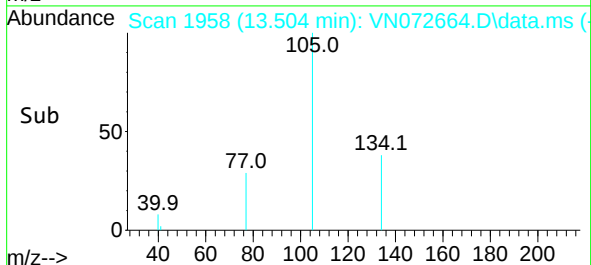
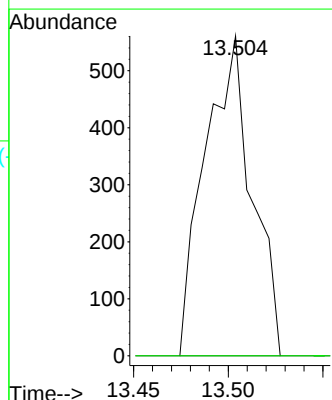
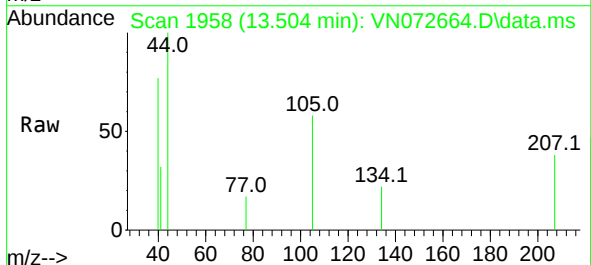
Instrument :
MSVOA_N
ClientSampleId :
BFB

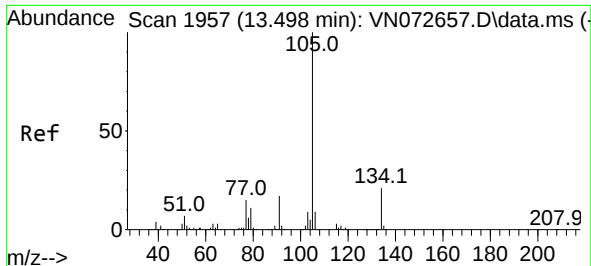
Tgt Ion:119 Resp: 952
Ion Ratio Lower Upper
119 100
91 5.7 0.0 137.0
134 10.7 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 9.263 ug/l
RT: 13.504 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion:105 Resp: 968
Ion Ratio Lower Upper
105 100
120 6.0 0.0 0.2#

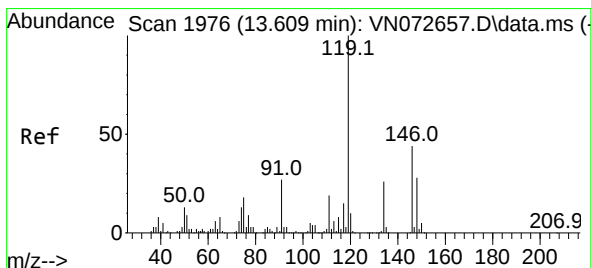
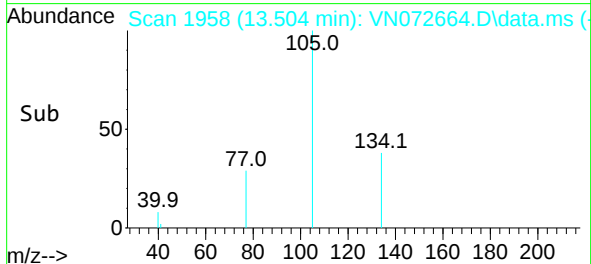
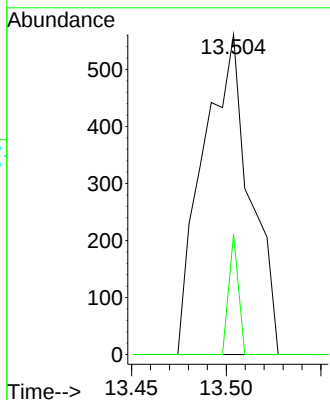
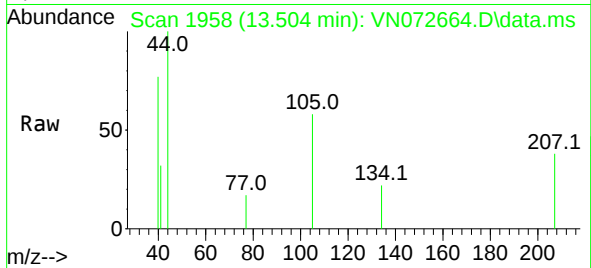




#81
 sec-Butylbenzene
 Concen: 9.263 ug/l
 RT: 13.504 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VN072664.D
 Acq: 06 Jun 2022 15:16

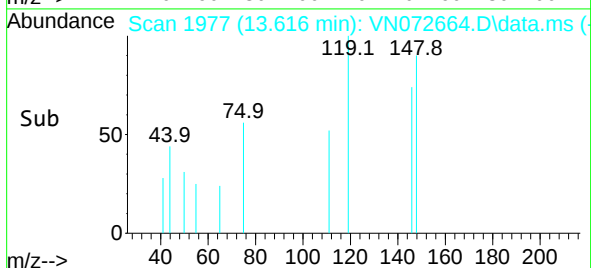
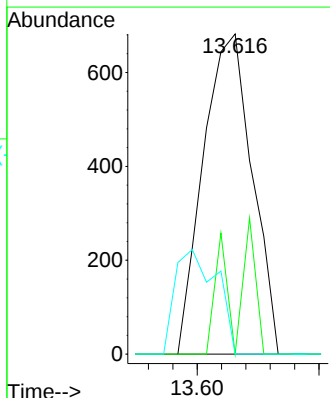
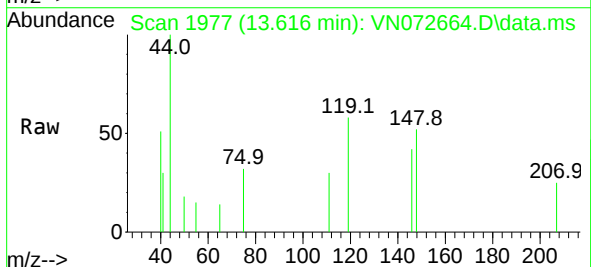
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

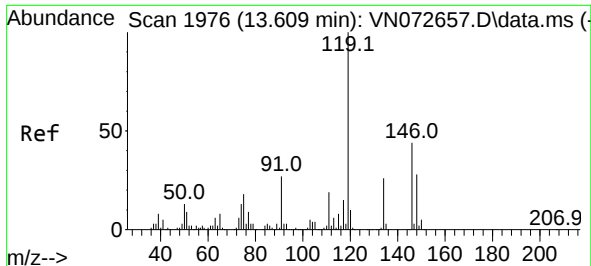
Tgt Ion:105 Resp: 968
 Ion Ratio Lower Upper
 105 100
 134 9.4 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 11.412 ug/l
 RT: 13.616 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN072664.D
 Acq: 06 Jun 2022 15:16

Tgt Ion:119 Resp: 952
 Ion Ratio Lower Upper
 119 100
 134 10.7 0.0 51.8
 91 5.7 0.0 50.4

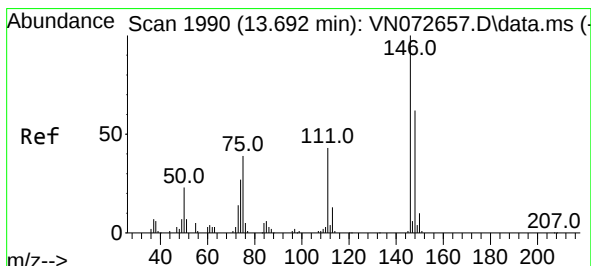
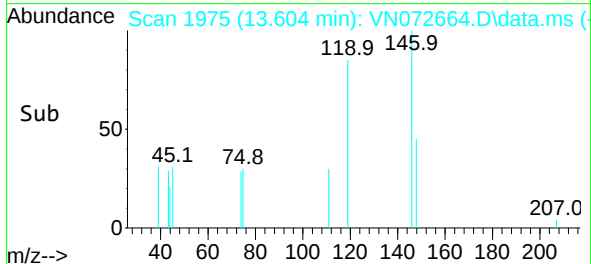
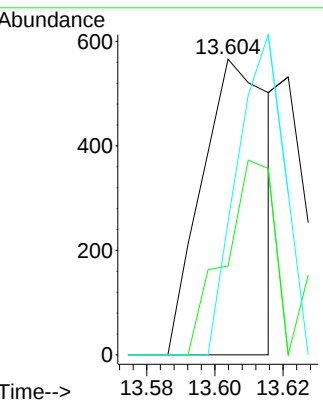
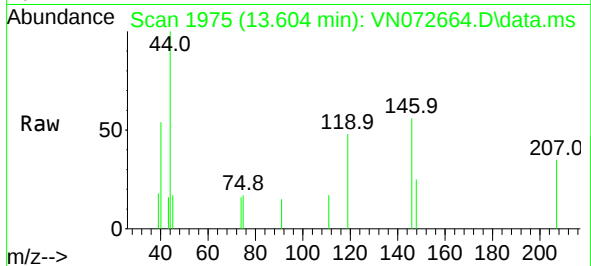




#83
1,3-Dichlorobenzene
Concen: 20.571 ug/l
RT: 13.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

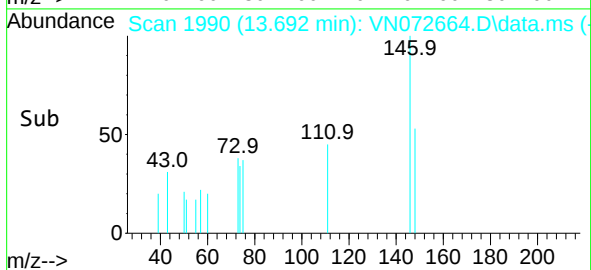
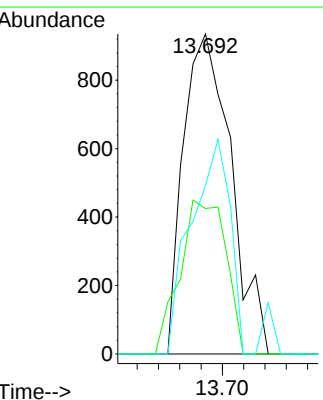
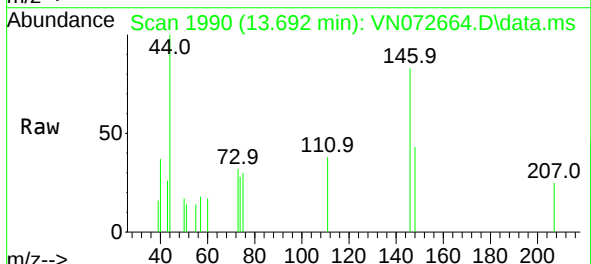
Instrument :
MSVOA_N
ClientSampleId :
BFB

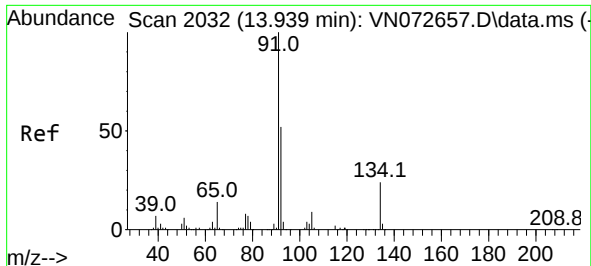
Tgt Ion:146 Resp: 773
Ion Ratio Lower Upper
146 100
111 48.5 20.8 62.2
148 76.5 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 39.796 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion:146 Resp: 1452
Ion Ratio Lower Upper
146 100
111 46.3 19.5 58.5
148 55.1 31.1 93.5

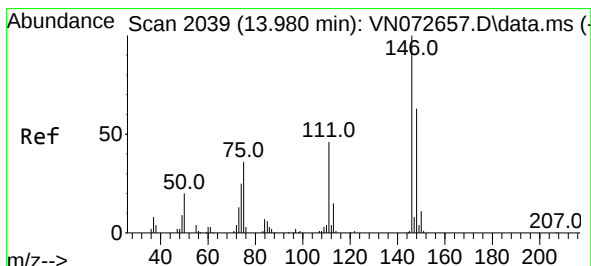
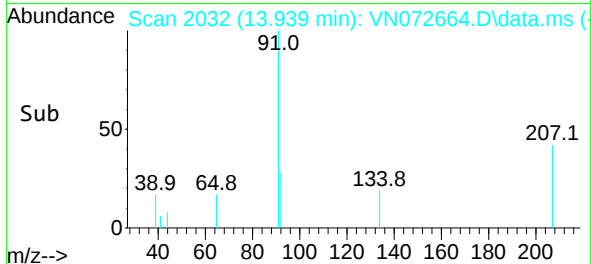
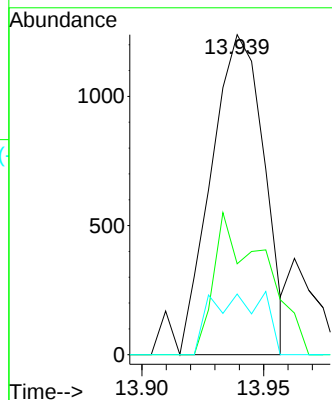
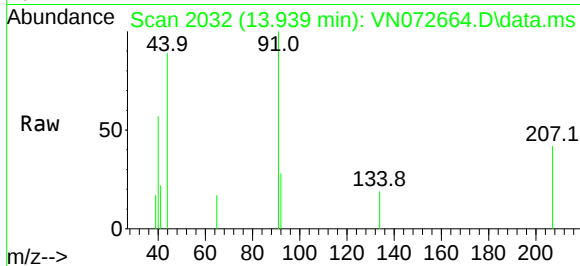




#85
n-Butylbenzene
Concen: 26.410 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

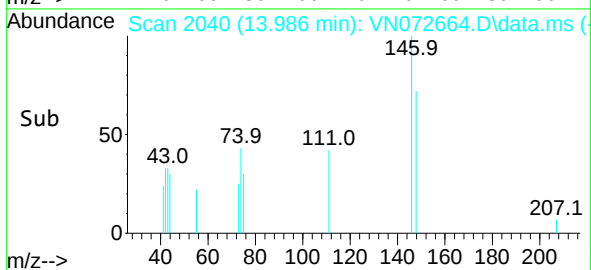
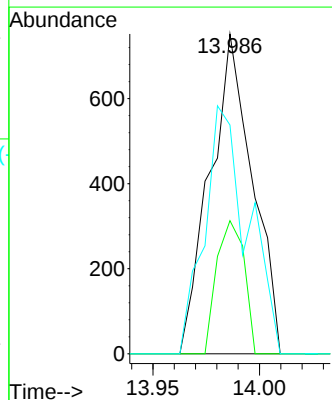
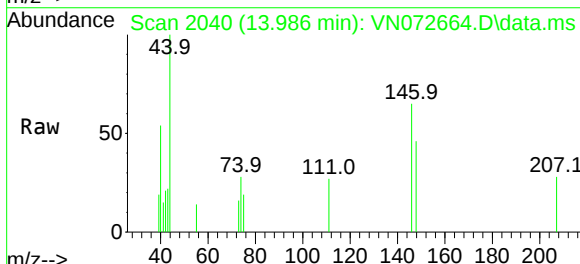
Instrument :
MSVOA_N
ClientSampleId :
BFB

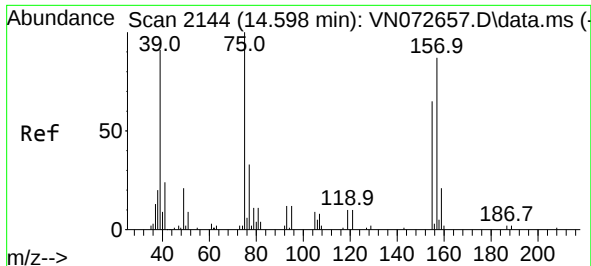
Tgt Ion: 91 Resp: 1868
Ion Ratio Lower Upper
91 100
92 20.3 0.0 100.6
134 14.8 0.0 50.2



#87
1,2-Dichlorobenzene
Concen: 28.127 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 146 Resp: 1046
Ion Ratio Lower Upper
146 100
111 26.9 21.4 64.2
148 60.8 32.5 97.4

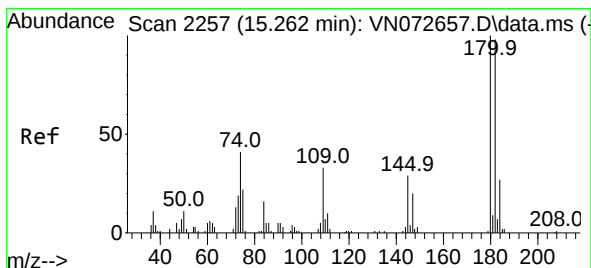
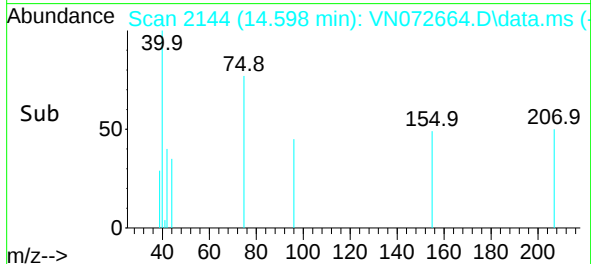
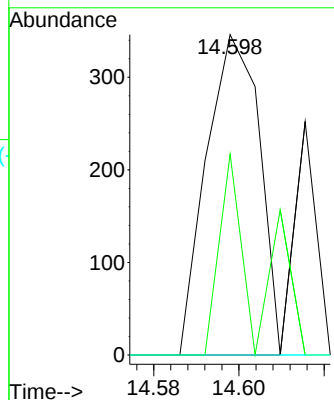
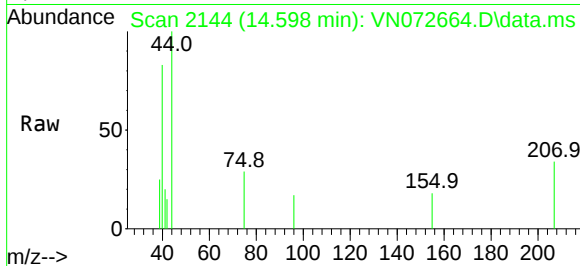




#88
1,2-Dibromo-3-Chloropropane
Concen: 33.364 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

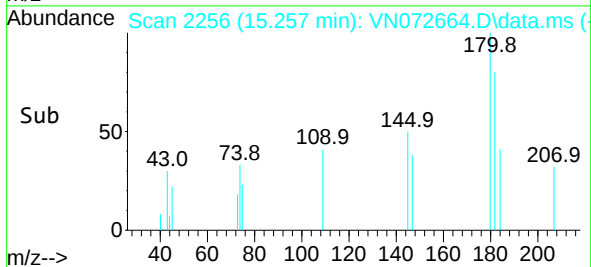
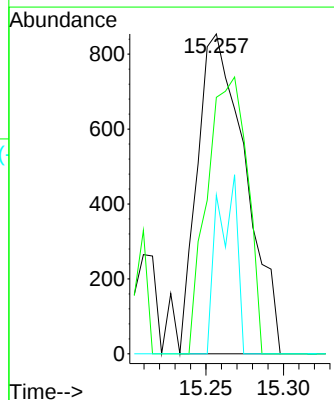
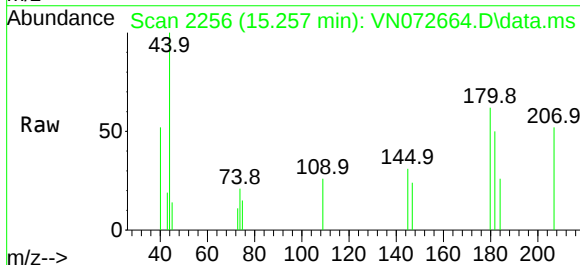
Instrument :
MSVOA_N
ClientSampleId :
BFB

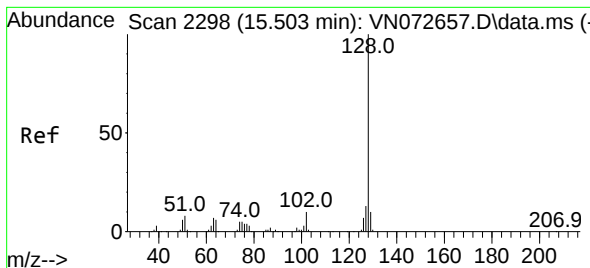
Tgt Ion: 75 Resp: 299
Ion Ratio Lower Upper
75 100
155 25.8 63.8 95.8#
157 0.0 77.9 116.9#



#89
1,2,4-Trichlorobenzene
Concen: 98.238 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.006 min
Lab File: VN072664.D
Acq: 06 Jun 2022 15:16

Tgt Ion: 180 Resp: 1841
Ion Ratio Lower Upper
180 100
182 72.3 77.7 116.5#
145 22.8 26.6 39.8#





#91

Naphthalene

Concen: 127.315 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

BFB

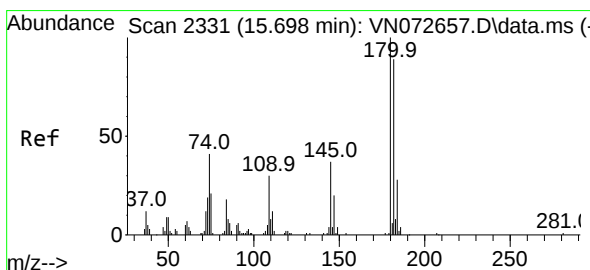
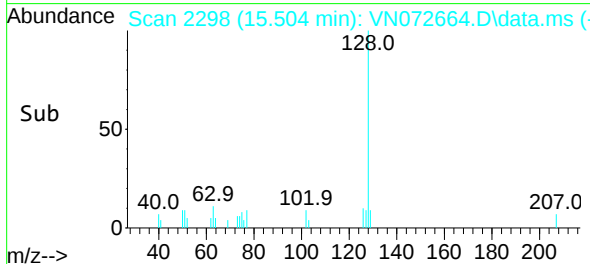
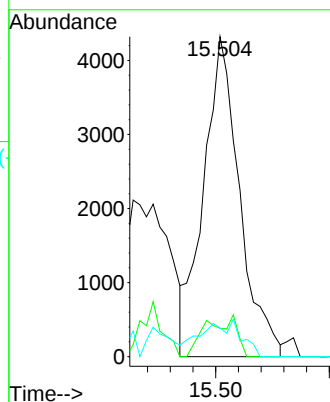
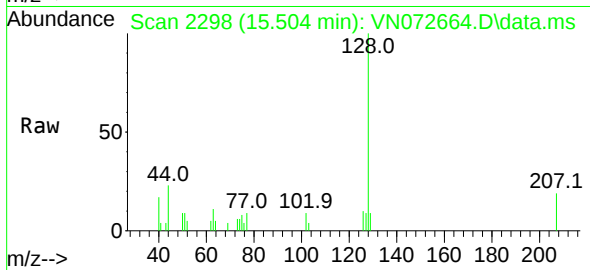
Tgt Ion:128 Resp: 9520

Ion Ratio Lower Upper

128 100

127 8.0 10.7 16.1#

129 4.9 9.0 13.6#



#92

1,2,3-Trichlorobenzene

Concen: 108.576 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.000 min

Lab File: VN072664.D

Acq: 06 Jun 2022 15:16

Tgt Ion:180 Resp: 2070

Ion Ratio Lower Upper

180 100

182 73.1 0.0 190.0

145 28.2 0.0 67.8

