

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076378.D
 Acq On : 24 Jan 2023 13:29
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 25 00:38:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

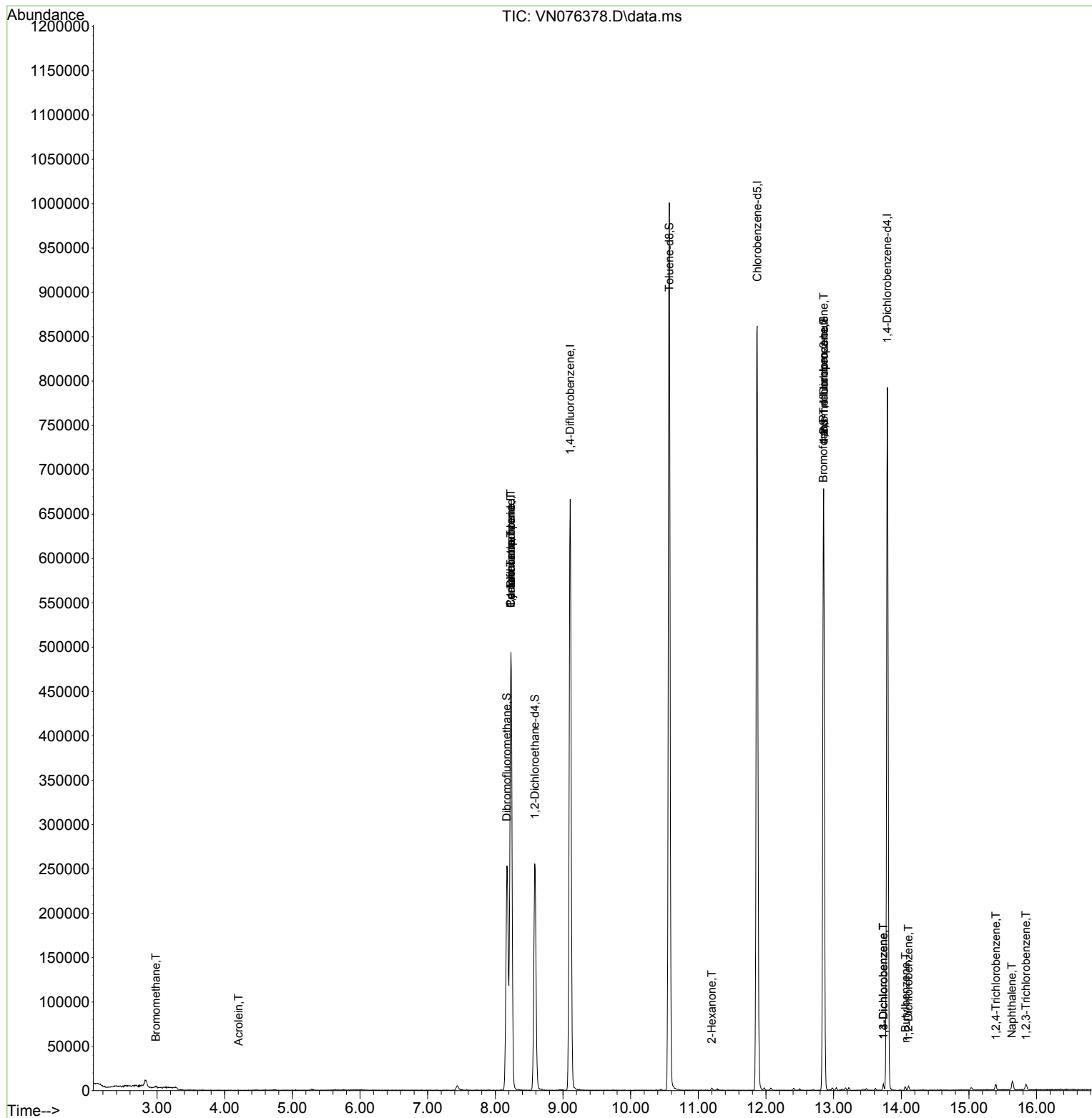
Internal Standards						
1) Pentafluorobenzene	8.229	168	377529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	609882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	535294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212028	50.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.320%	
35) Dibromofluoromethane	8.171	113	182470	47.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.660%	
50) Toluene-d8	10.571	98	696085	49.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.853	95	226197	49.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	936	0.233	ug/l #	58
13) Acrolein	4.206	56	333	0.492	ug/l #	15
20) Methylene Chloride	5.283	84	858	Below Cal	#	88
31) Cyclohexane	8.229	56	7605	1.171	ug/l #	28
36) 1,1-Dichloropropene	8.229	75	27367	5.048	ug/l #	49
38) Carbon Tetrachloride	8.229	117	37750	6.244	ug/l #	16
59) 2-Hexanone	11.200	43	2235	0.743	ug/l	75
71) Bromoform	12.847	173	1825	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	120194	29.588	ug/l #	1
77) Bromobenzene	12.988	156	507	Below Cal		75
81) trans-1,4-Dichloro-2-b...	12.853	75	120194	90.857	ug/l #	11
87) 1,3-Dichlorobenzene	13.735	146	2196	0.274	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	2196	0.388	ug/l	95
89) n-Butylbenzene	14.064	91	2850	0.248	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	2247	0.281	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	2442	1.921	ug/l	91
95) Naphthalene	15.635	128	10527	2.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	2811	1.900	ug/l	98

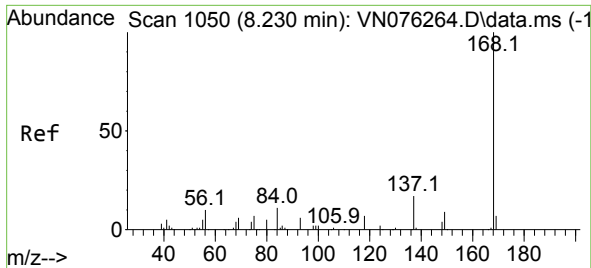
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
Data File : VN076378.D
Acq On : 24 Jan 2023 13:29
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jan 25 00:38:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

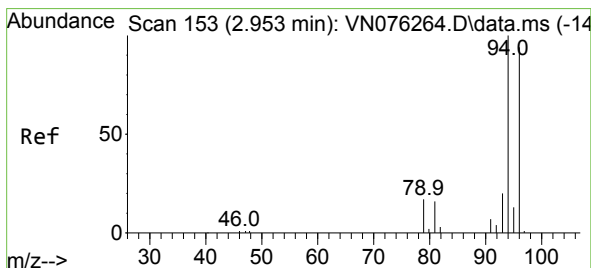
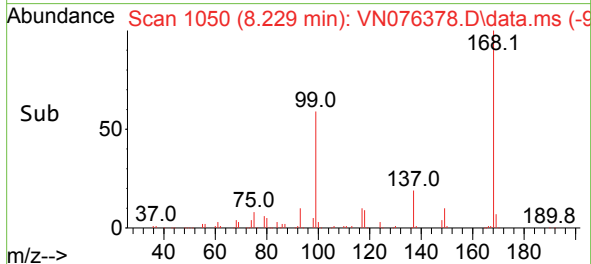
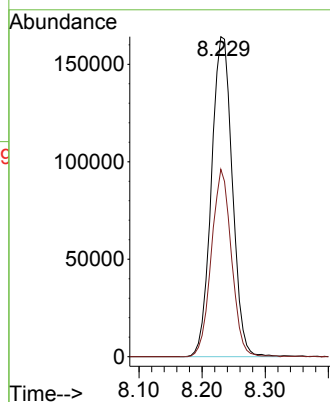
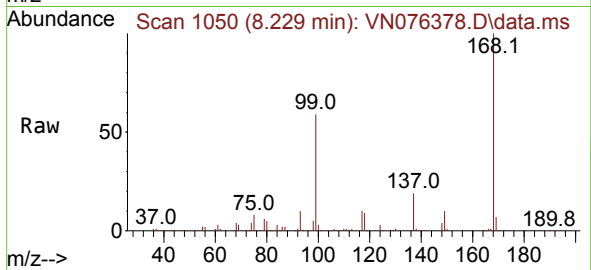




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

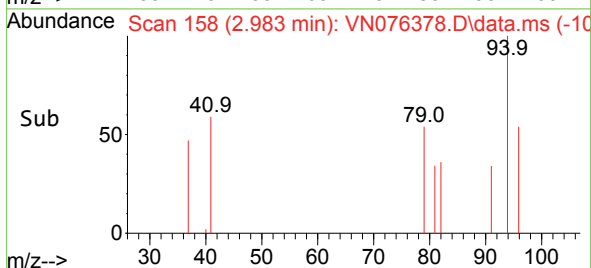
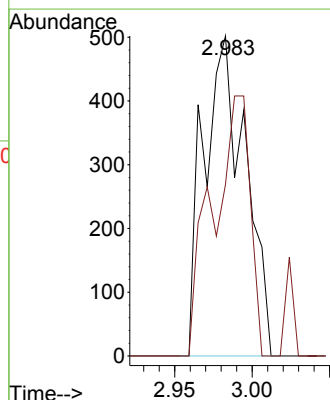
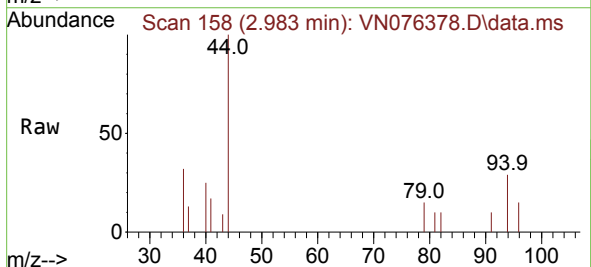
Instrument :
MSVOA_N
ClientSampleId :
IBLK

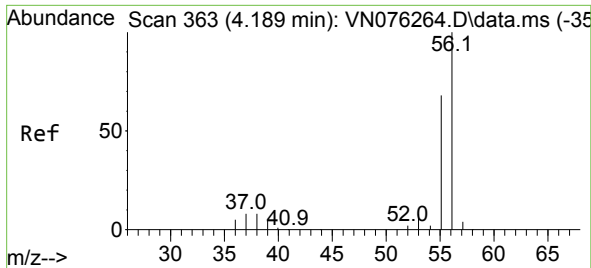
Tgt Ion:168 Resp: 377529
Ion Ratio Lower Upper
168 100
99 58.5 41.6 62.4



#5
Bromomethane
Concen: 0.233 ug/l
RT: 2.983 min Scan# 158
Delta R.T. 0.030 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion: 94 Resp: 936
Ion Ratio Lower Upper
94 100
96 53.6 75.1 112.7#





#13

Acrolein

Concen: 0.492 ug/l

RT: 4.206 min Scan# 3

Delta R.T. 0.017 min

Lab File: VN076378.D

Acq: 24 Jan 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

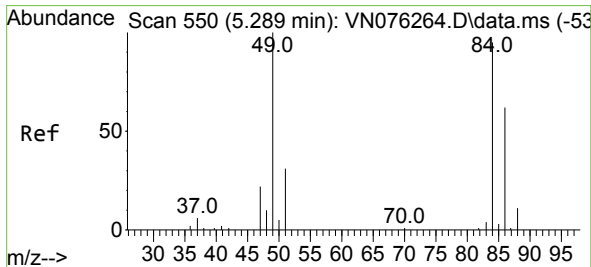
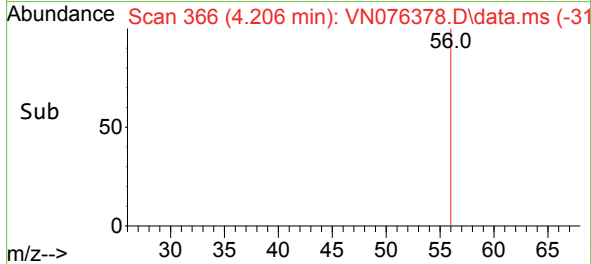
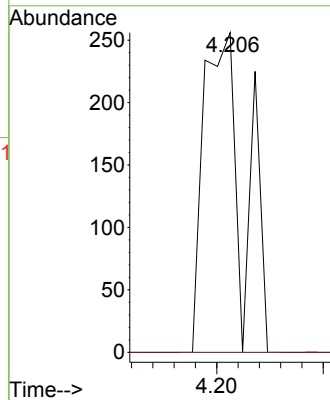
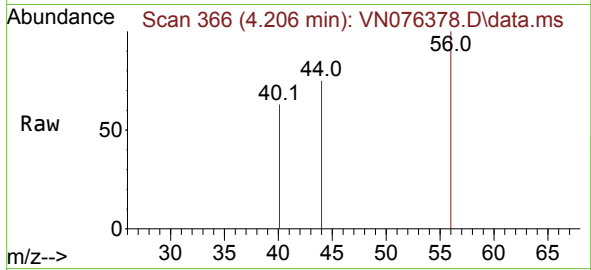
IBLK

Tgt Ion: 56 Resp: 333

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.283 min Scan# 549

Delta R.T. -0.006 min

Lab File: VN076378.D

Acq: 24 Jan 2023 13:29

Tgt Ion: 84 Resp: 858

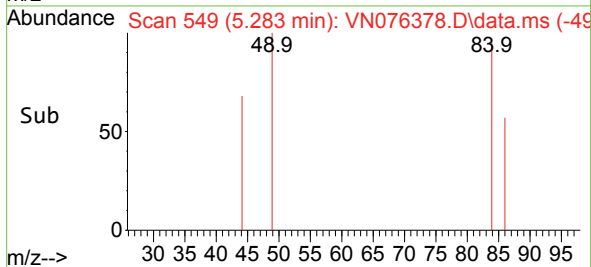
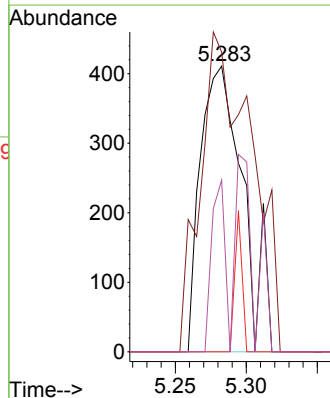
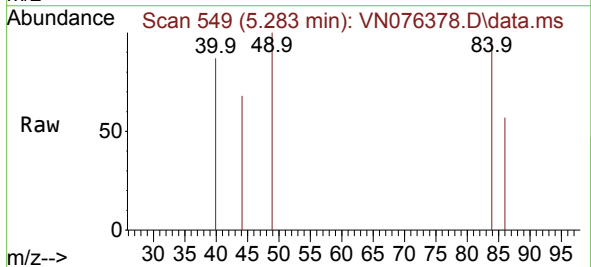
Ion Ratio Lower Upper

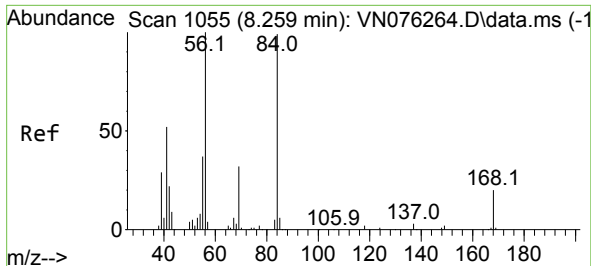
84 100

49 104.9 84.5 126.7

51 0.0 26.0 39.0#

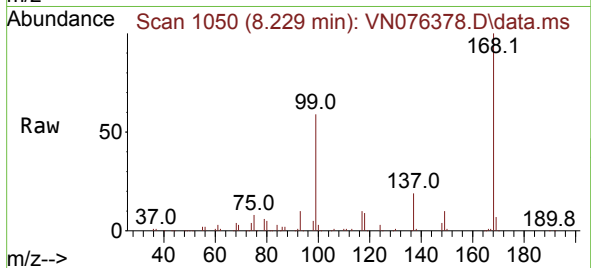
86 60.1 52.0 78.0



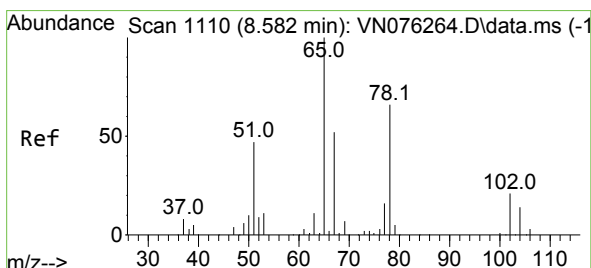
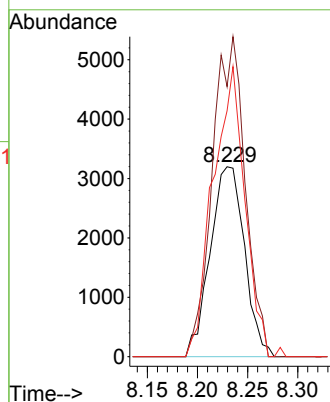
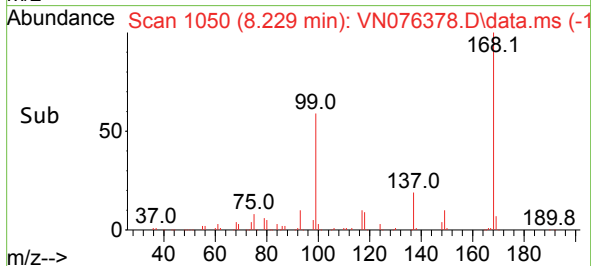


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Instrument :
MSVOA_N
ClientSampleId :
IBLK

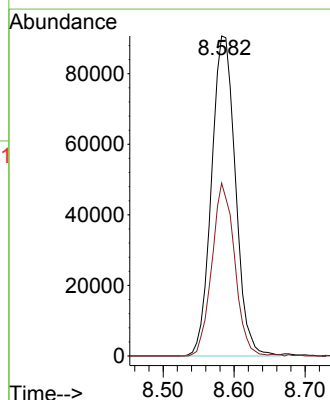
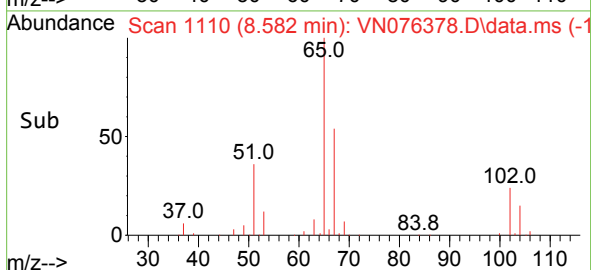
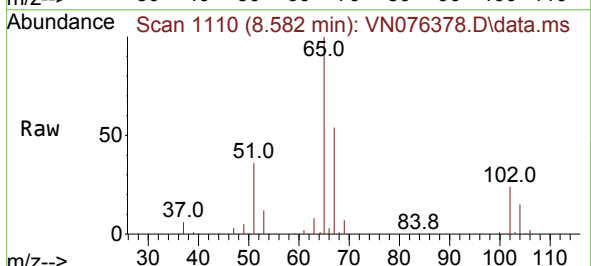


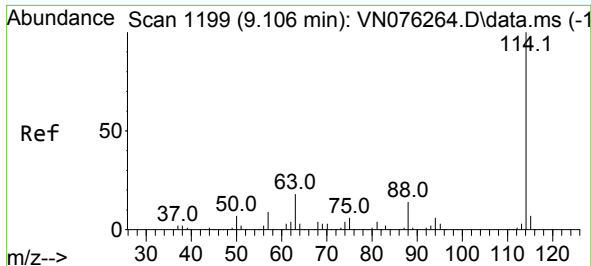
Tgt Ion: 56 Resp: 7605
Ion Ratio Lower Upper
56 100
69 142.3 25.8 38.8#
84 129.6 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 50.159 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion: 65 Resp: 212028
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6

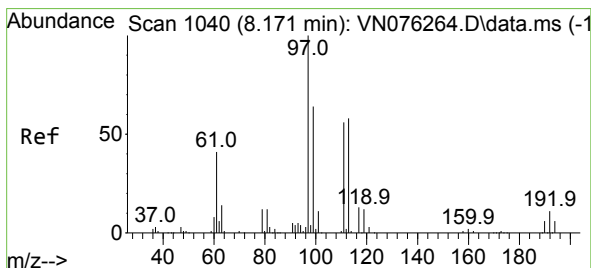
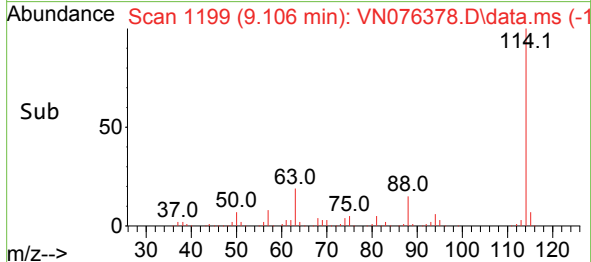
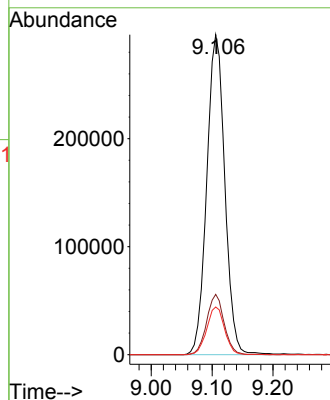
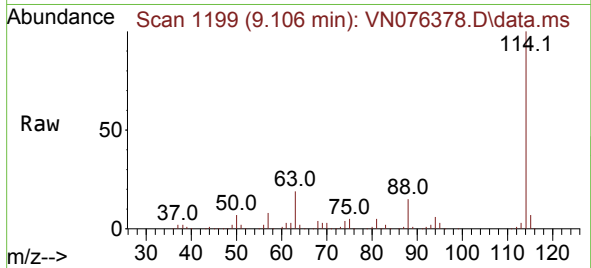




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

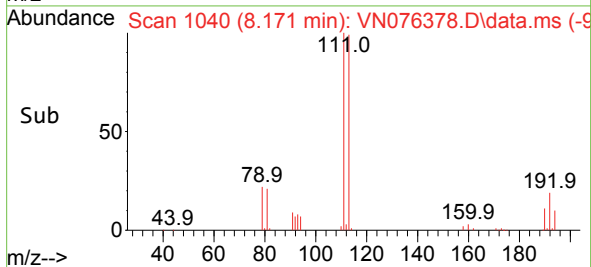
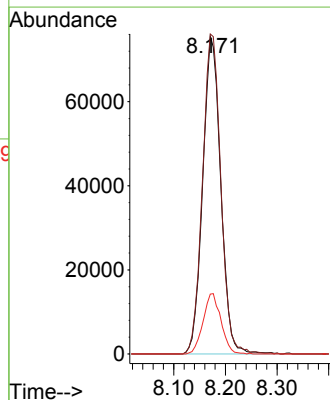
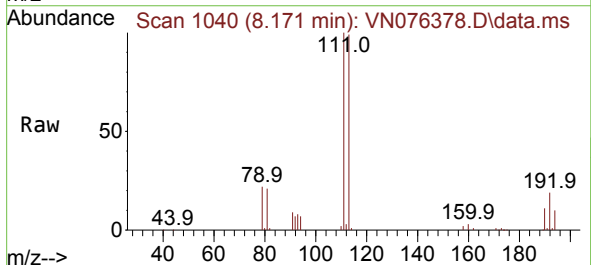
Instrument :
MSVOA_N
ClientSampleId :
IBLK

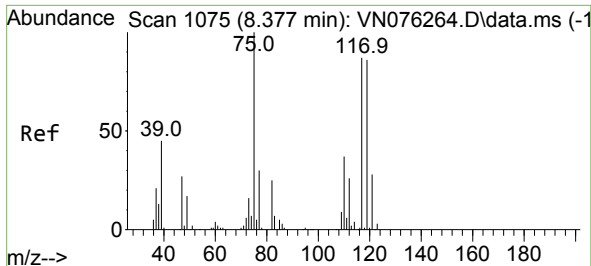
Tgt Ion:114 Resp: 609882
Ion Ratio Lower Upper
114 100
63 18.8 0.0 35.8
88 14.9 0.0 28.0



#35
Dibromofluoromethane
Concen: 47.829 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion:113 Resp: 182470
Ion Ratio Lower Upper
113 100
111 102.8 82.7 124.1
192 18.9 15.6 23.4

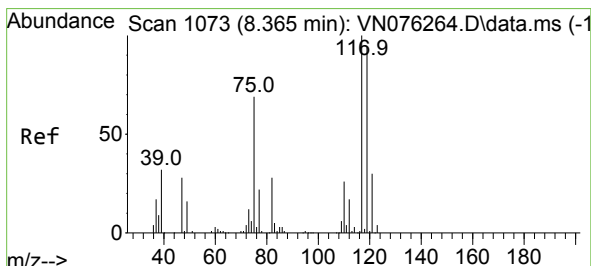
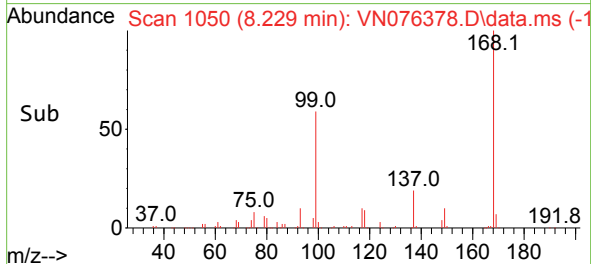
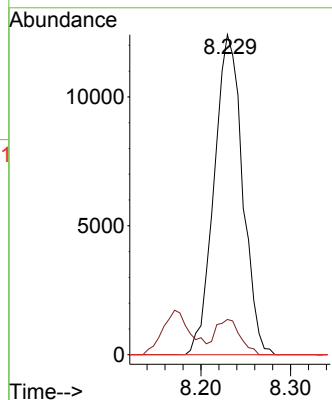
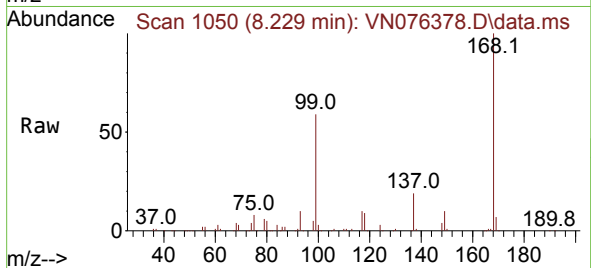




#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.148 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

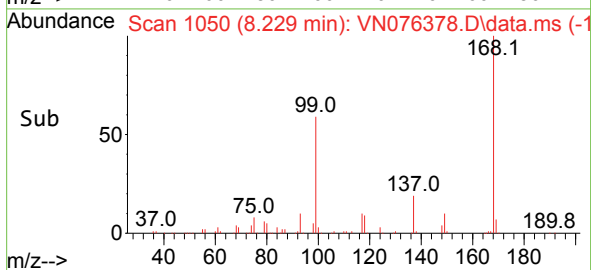
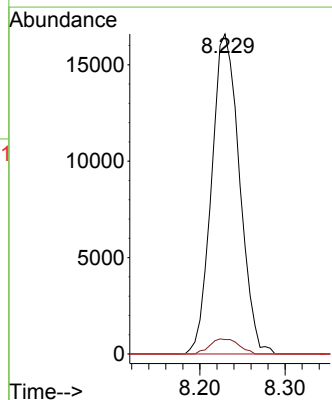
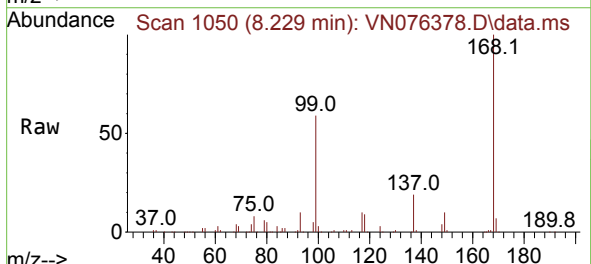
Instrument :
MSVOA_N
ClientSampleId :
IBLK

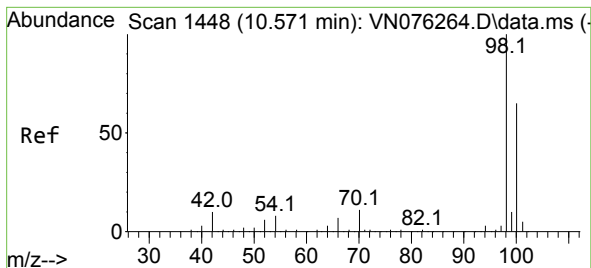
Tgt Ion: 75 Resp: 27367
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.244 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion: 117 Resp: 37750
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 24.2 36.2#

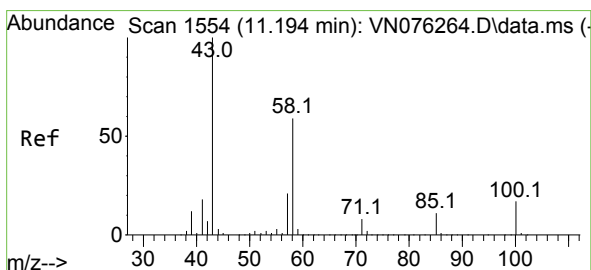
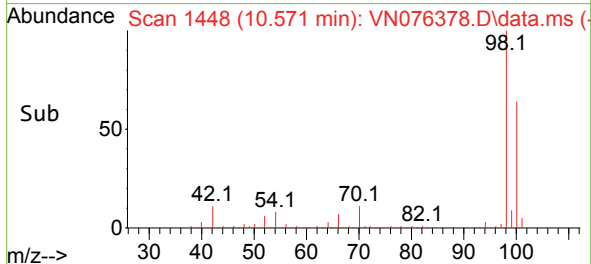
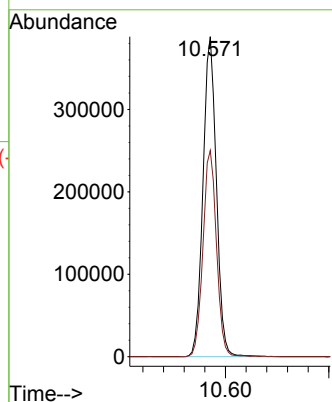
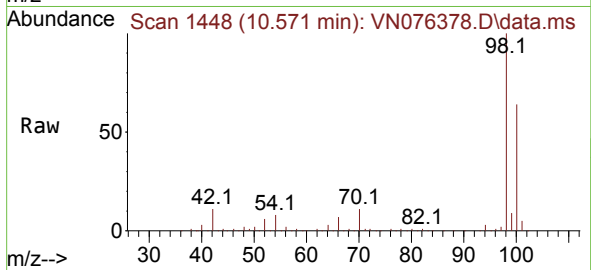




#50
Toluene-d8
Concen: 49.405 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

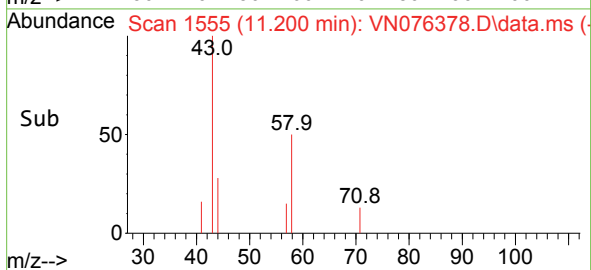
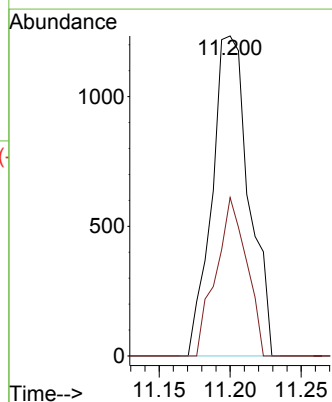
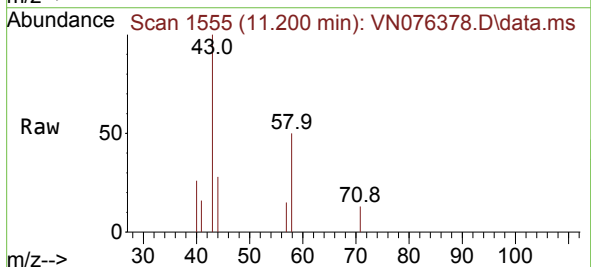
Instrument :
MSVOA_N
ClientSampleId :
IBLK

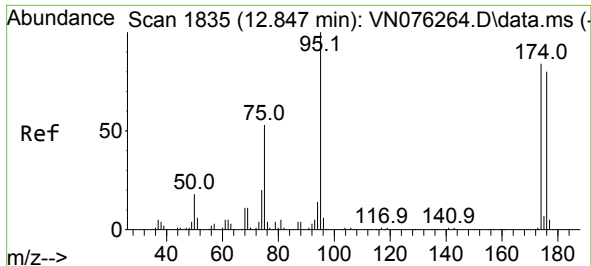
Tgt Ion: 98 Resp: 696085
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#59
2-Hexanone
Concen: 0.743 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
58 40.9 30.1 90.3

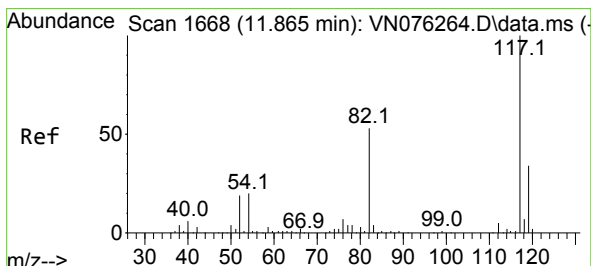
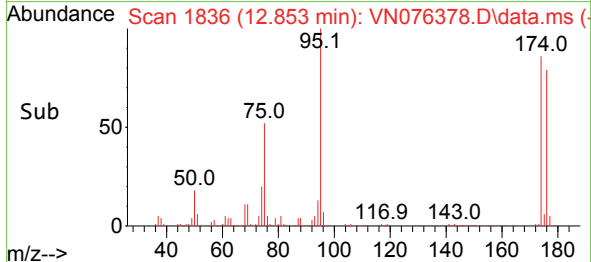
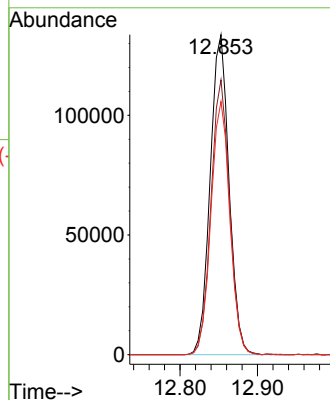
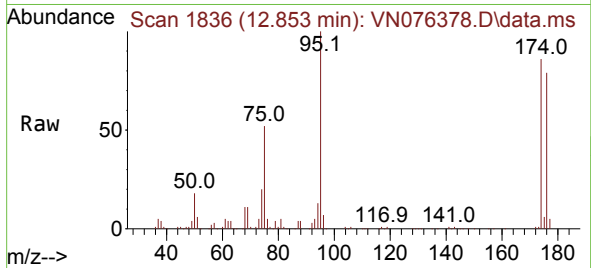




#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

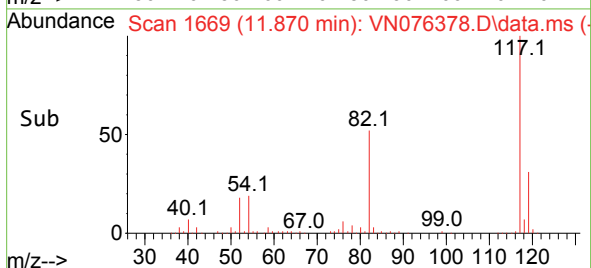
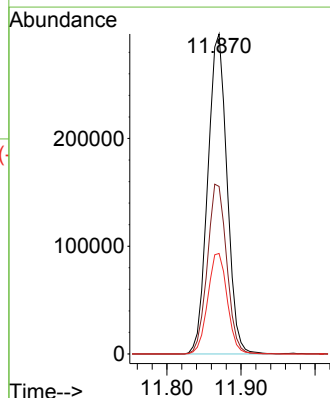
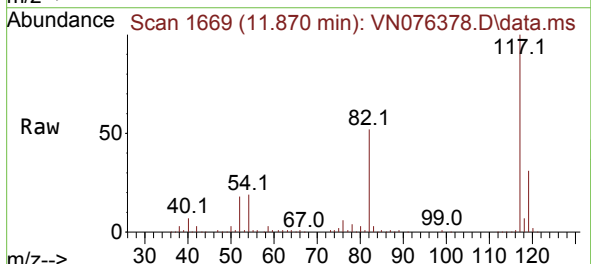
Instrument :
MSVOA_N
ClientSampleId :
IBLK

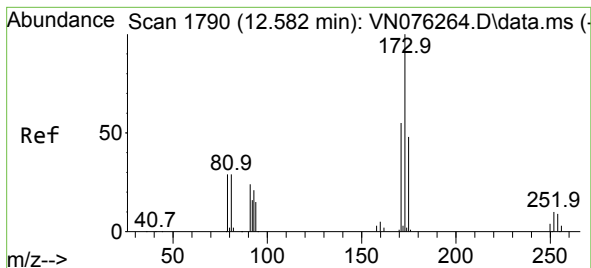
Tgt Ion: 95 Resp: 226197
Ion Ratio Lower Upper
95 100
174 85.1 0.0 174.6
176 79.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion: 117 Resp: 535294
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 31.4 26.9 40.3





#71

Bromoform

Concen: 0.600 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.265 min

Lab File: VN076378.D

Acq: 24 Jan 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

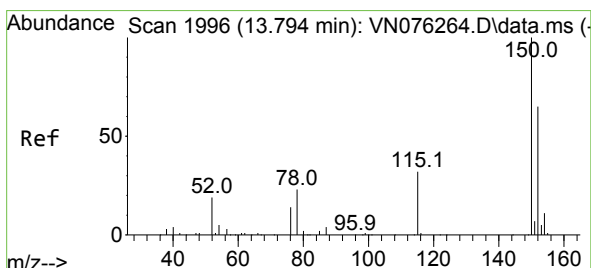
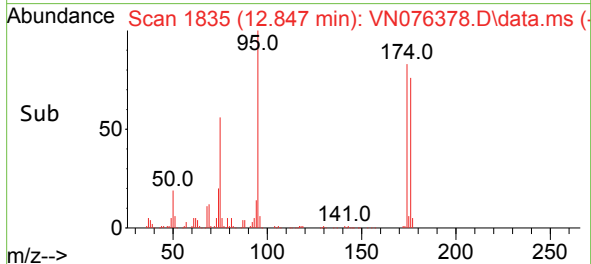
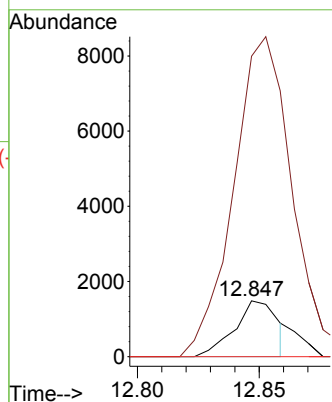
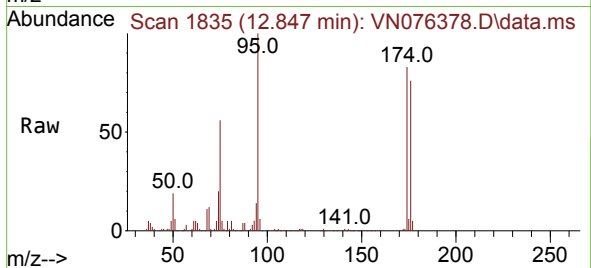
Tgt Ion:173 Resp: 1825

Ion Ratio Lower Upper

173 100

175 638.7 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076378.D

Acq: 24 Jan 2023 13:29

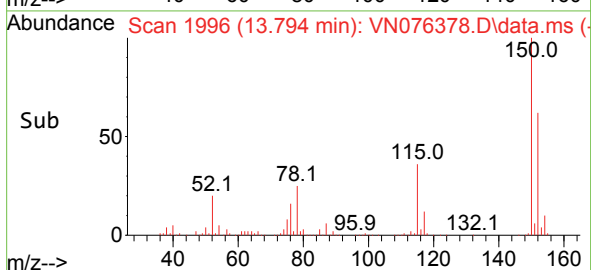
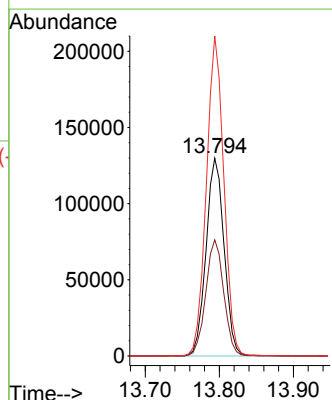
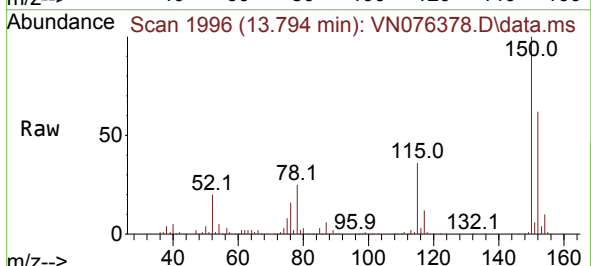
Tgt Ion:152 Resp: 220107

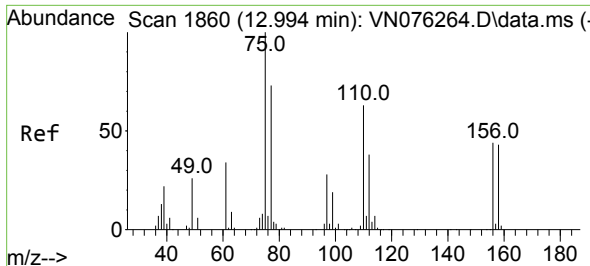
Ion Ratio Lower Upper

152 100

115 58.4 29.6 88.9

150 156.6 0.0 351.4

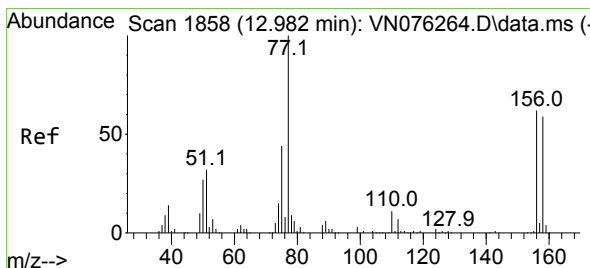
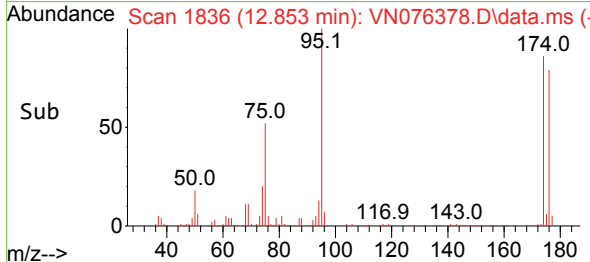
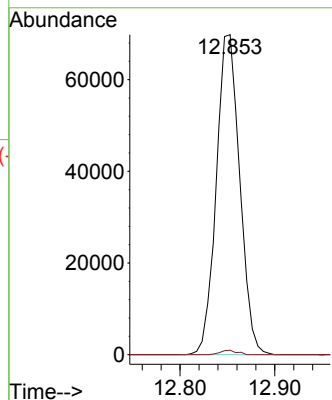
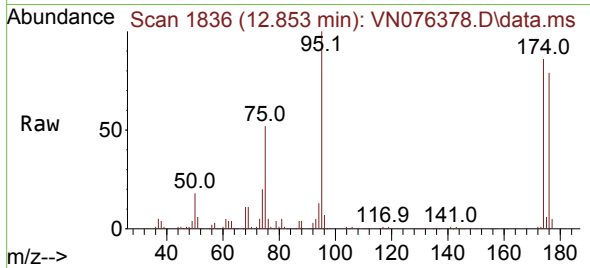




#76
1,2,3-Trichloropropane
Concen: 29.588 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

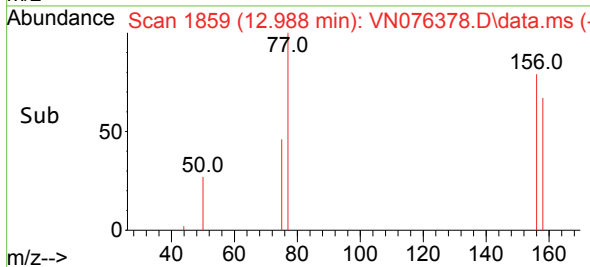
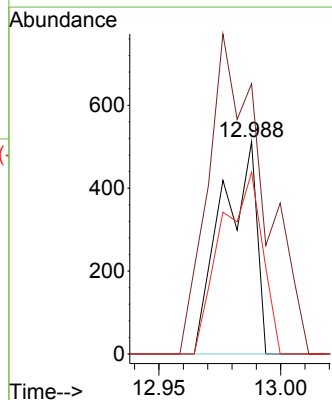
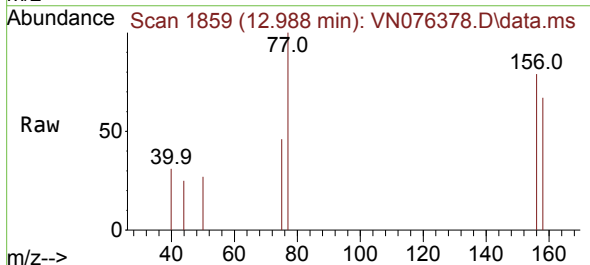
Instrument :
MSVOA_N
ClientSampleId :
IBLK

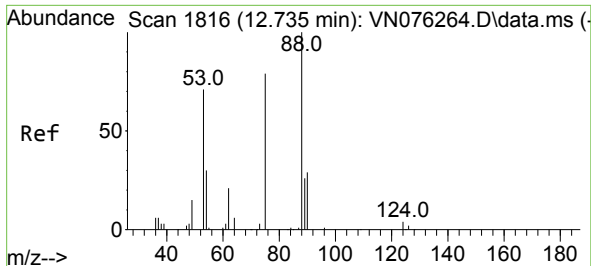
Tgt Ion: 75 Resp: 120194
Ion Ratio Lower Upper
75 100
77 1.0 75.2 225.6#



#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion:156 Resp: 507
Ion Ratio Lower Upper
156 100
77 237.1 93.4 280.2
158 102.0 48.4 145.2

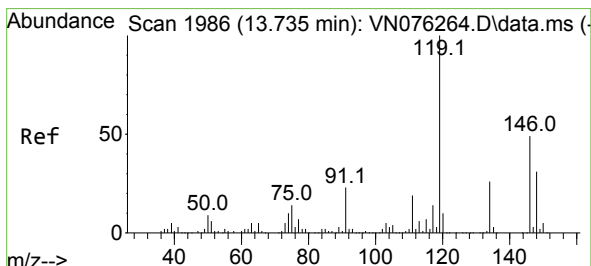
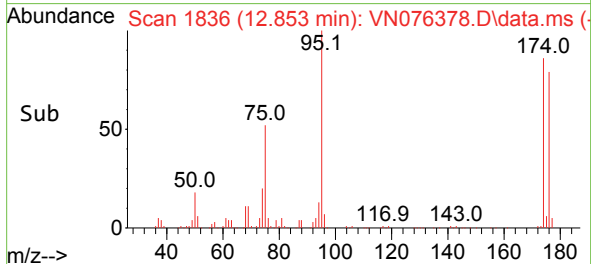
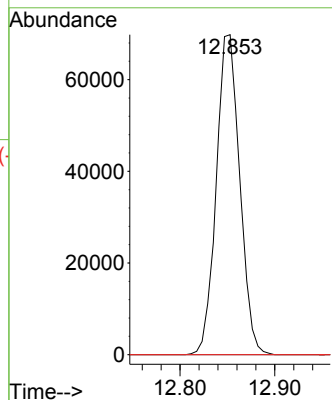
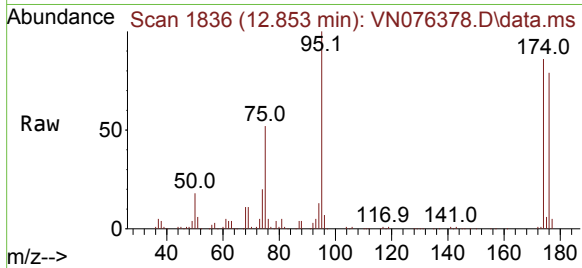




#81
trans-1,4-Dichloro-2-butene
Concen: 90.857 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

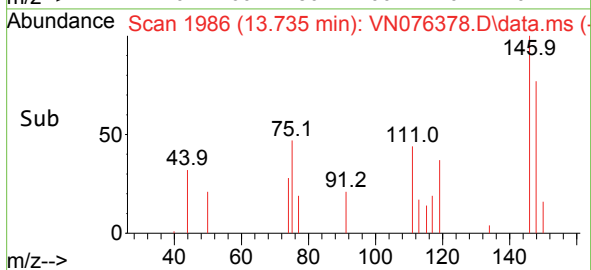
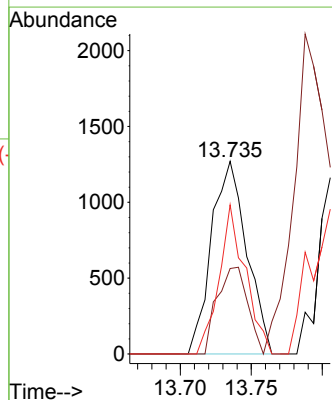
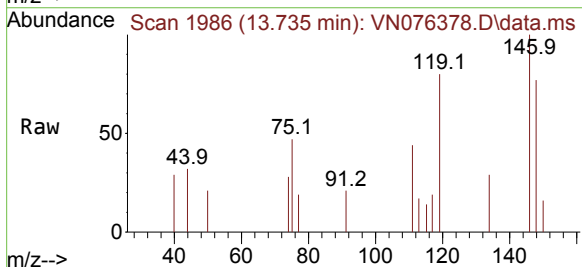
Instrument :
MSVOA_N
ClientSampleId :
IBLK

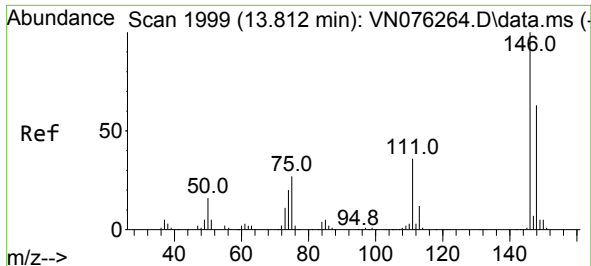
Tgt Ion: 75 Resp: 120194
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#87
1,3-Dichlorobenzene
Concen: 0.274 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion:146 Resp: 2196
Ion Ratio Lower Upper
146 100
111 38.7 19.9 59.7
148 57.5 31.6 94.8

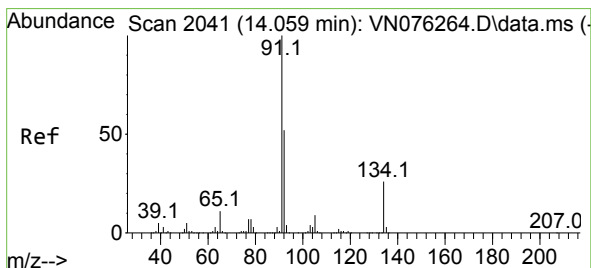
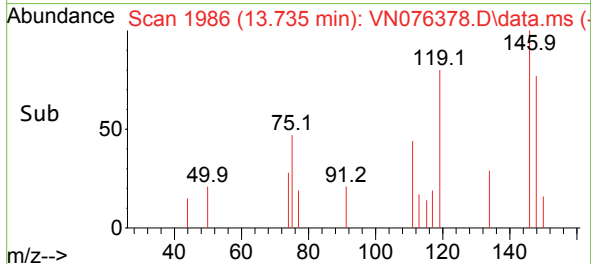
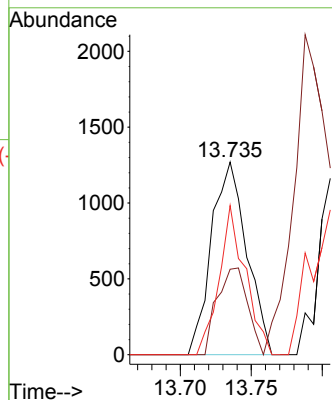
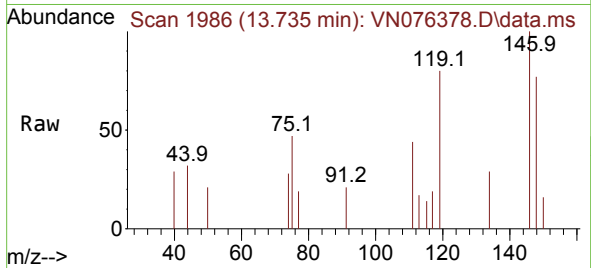




#88
1,4-Dichlorobenzene
Concen: 0.388 ug/l
RT: 13.735 min Scan# 1999
Delta R.T. -0.077 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

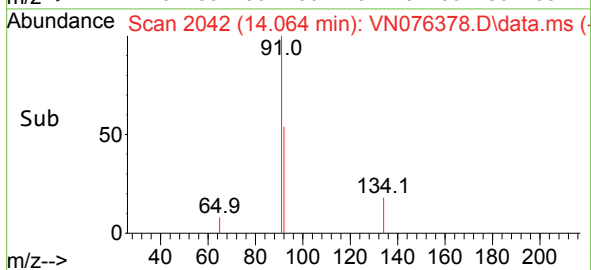
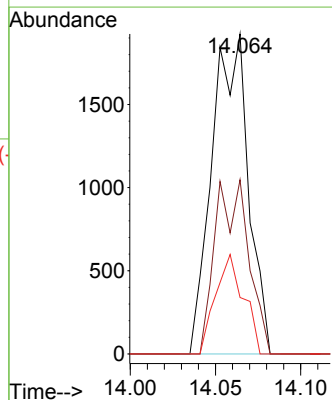
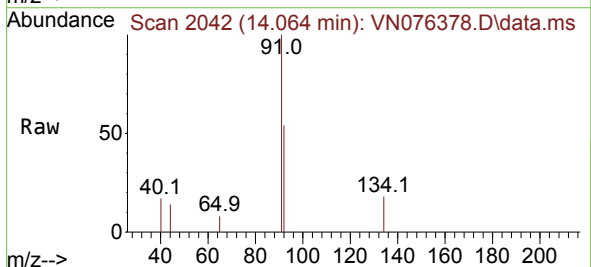
Instrument :
MSVOA_N
ClientSampleId :
IBLK

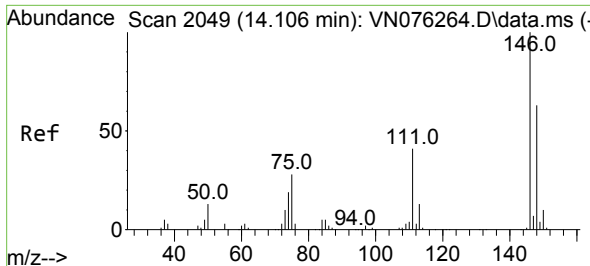
Tgt Ion:146 Resp: 2196
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 57.5 31.9 95.9



#89
n-Butylbenzene
Concen: 0.248 ug/l
RT: 14.064 min Scan# 2042
Delta R.T. 0.005 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion: 91 Resp: 2850
Ion Ratio Lower Upper
91 100
92 49.8 26.3 78.9
134 24.0 13.2 39.5

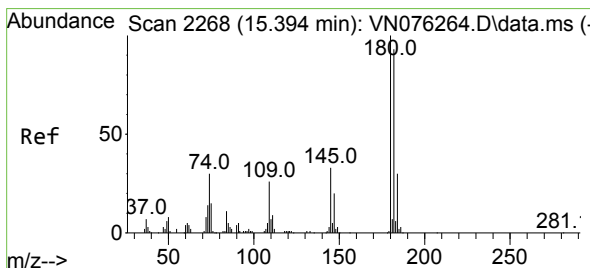
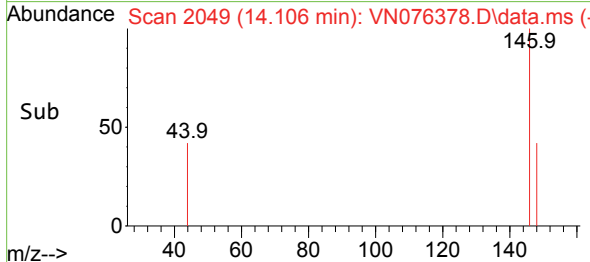
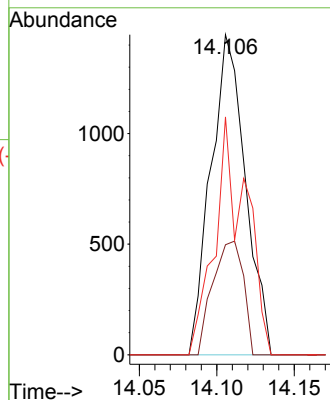
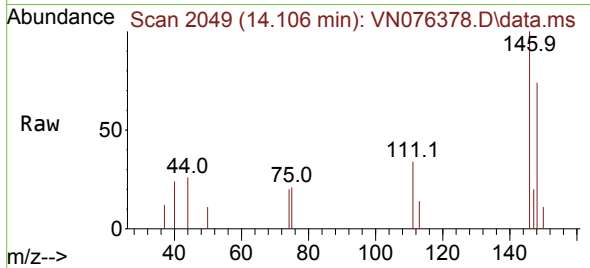




#91
1,2-Dichlorobenzene
Concen: 0.281 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

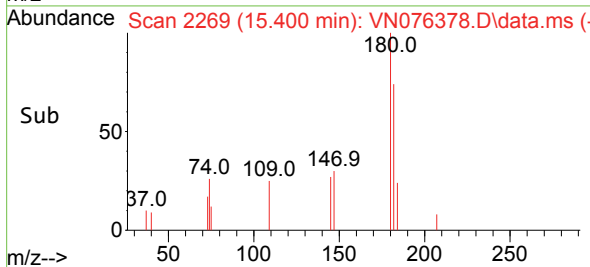
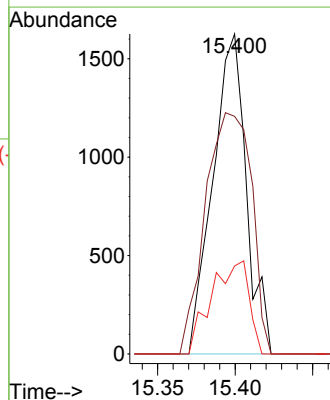
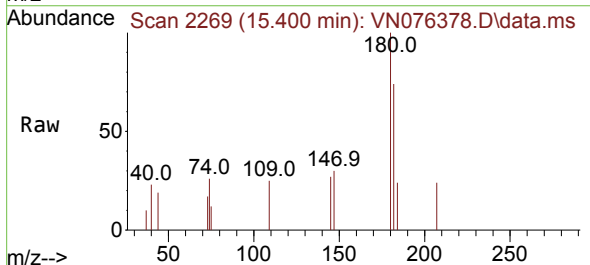
Instrument :
MSVOA_N
ClientSampleId :
IBLK

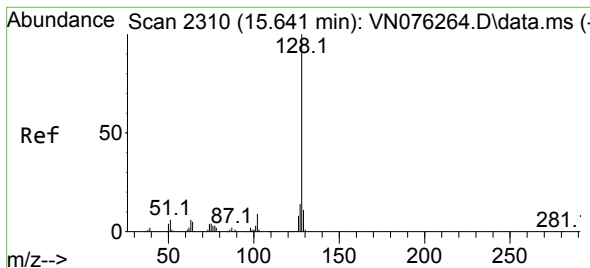
Tgt Ion:146 Resp: 2247
Ion Ratio Lower Upper
146 100
111 31.3 20.3 60.8
148 67.2 31.8 95.4



#93
1,2,4-Trichlorobenzene
Concen: 1.921 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN076378.D
Acq: 24 Jan 2023 13:29

Tgt Ion:180 Resp: 2442
Ion Ratio Lower Upper
180 100
182 103.8 47.0 141.2
145 32.7 15.2 45.5





#95

Naphthalene

Concen: 2.726 ug/l

RT: 15.635 min Scan# 2309

Delta R.T. -0.006 min

Lab File: VN076378.D

Acq: 24 Jan 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

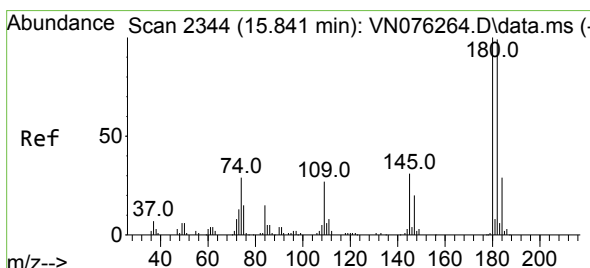
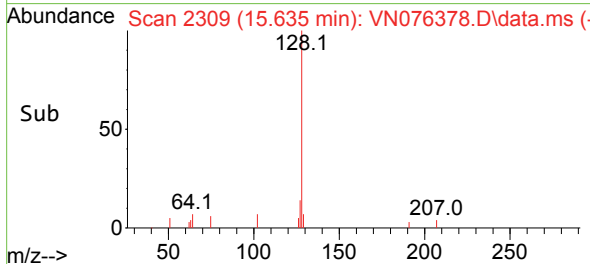
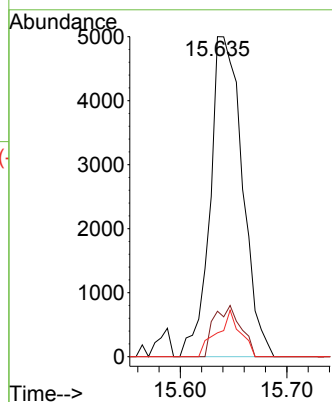
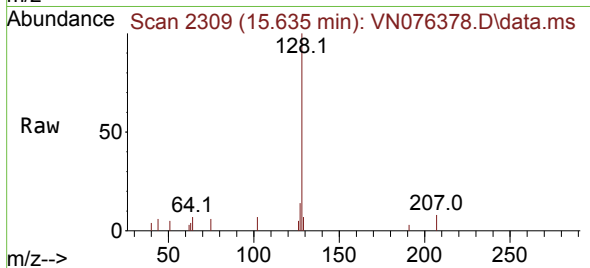
Tgt Ion:128 Resp: 10527

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.900 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076378.D

Acq: 24 Jan 2023 13:29

Tgt Ion:180 Resp: 2811

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.5

145 33.3 15.9 47.6

