

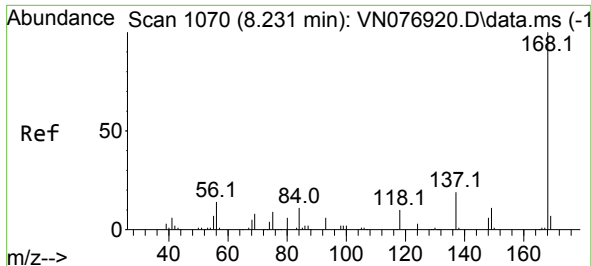
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076994.D
 Acq On : 14 Mar 2023 19:58
 Operator : JC\MD
 Sample : 01905-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MAPLE-2

Quant Time: Mar 15 04:30:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.237	168	245466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	366334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	333117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	149819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	187500	51.187	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.380%	
35) Dibromofluoromethane	8.172	113	122533	50.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.380%	
50) Toluene-d8	10.572	98	430800	47.877	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.760%	
62) 4-Bromofluorobenzene	12.854	95	164169	49.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.760%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.543	59	514	1.009	ug/l #	72
16) Acetone	4.449	43	20291	15.986	ug/l #	87
18) Methyl Acetate	5.037	43	1671	0.357	ug/l #	80
20) Methylene Chloride	5.301	84	8780	2.690	ug/l	92
25) 2-Butanone	7.507	43	2096	1.161	ug/l #	70
31) Cyclohexane	8.237	56	5232	0.996	ug/l #	27
36) 1,1-Dichloropropene	8.237	75	20620	5.461	ug/l #	44
37) Ethyl Acetate	7.572	43	30273	10.025	ug/l	96
38) Carbon Tetrachloride	8.237	117	29808	6.745	ug/l #	16
42) 1,2-Dichloroethane	8.678	62	1164	0.268	ug/l #	71
43) Isopropyl Acetate	8.695	43	210631	39.513	ug/l #	73
45) 1,2-Dichloropropane	9.748	63	1509	0.551	ug/l #	43
48) Methyl methacrylate	9.742	41	135817	52.000	ug/l #	31
49) 1,4-Dioxane	9.742	88	60	1.213	ug/l #	1
51) 4-Methyl-2-Pentanone	10.360	43	122216	38.166	ug/l #	39
53) t-1,3-Dichloropropene	10.731	75	926	0.229	ug/l #	52
54) cis-1,3-Dichloropropene	10.360	75	55521	12.498	ug/l #	71
56) Ethyl methacrylate	10.983	69	1324	0.328	ug/l #	1
57) 1,3-Dichloropropane	11.201	76	7189	1.530	ug/l #	42
59) 2-Hexanone	11.201	43	88933	38.089	ug/l #	42
74) N-amyl acetate	12.483	43	943	0.213	ug/l #	33
76) 1,2,3-Trichloropropane	12.848	75	102513	28.223	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	102513	92.190	ug/l #	15

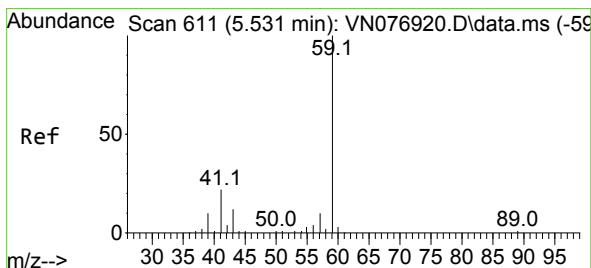
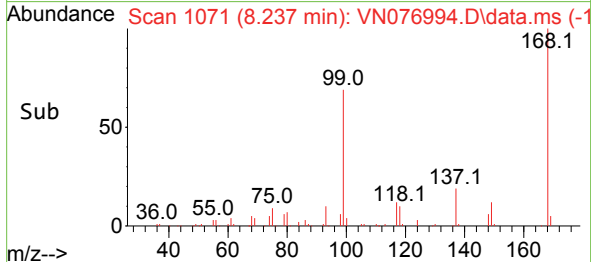
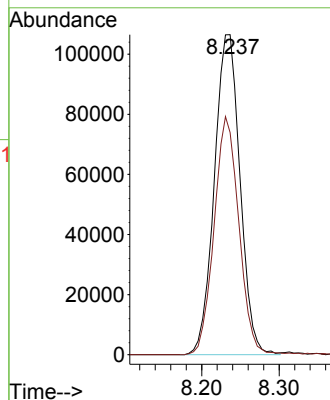
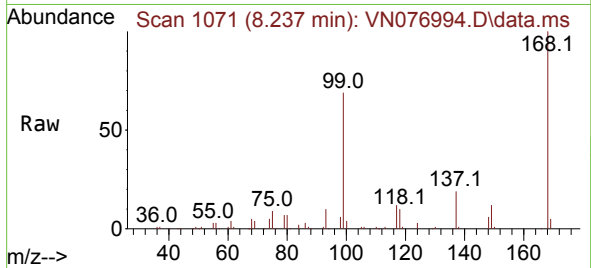
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.237 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

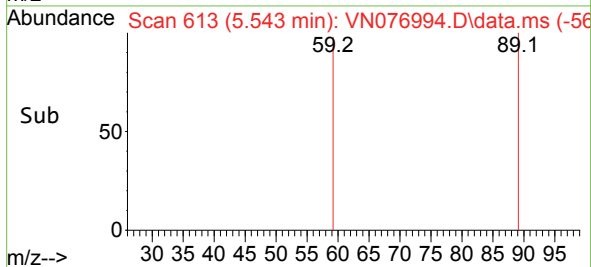
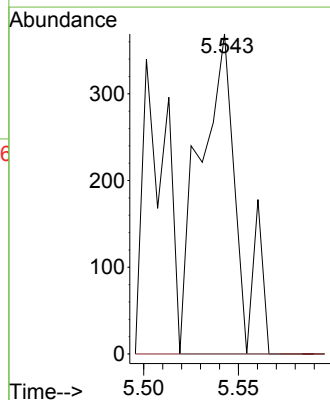
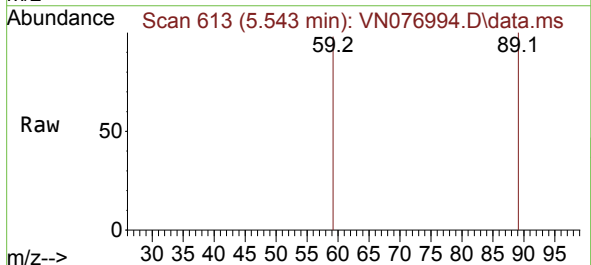
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

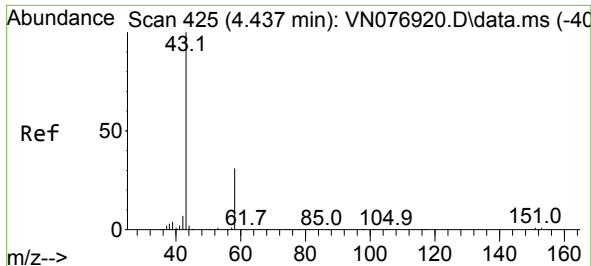
Tgt Ion:168 Resp: 245466
Ion Ratio Lower Upper
168 100
99 69.4 48.6 73.0



#11
Tert butyl alcohol
Concen: 1.009 ug/l
RT: 5.543 min Scan# 613
Delta R.T. 0.012 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion: 59 Resp: 514
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

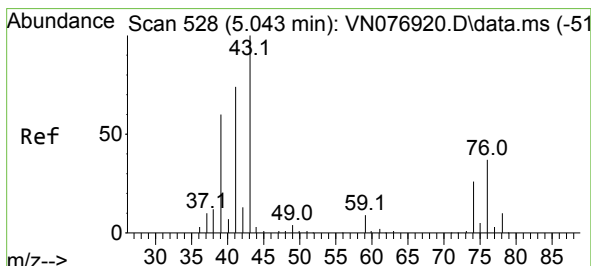
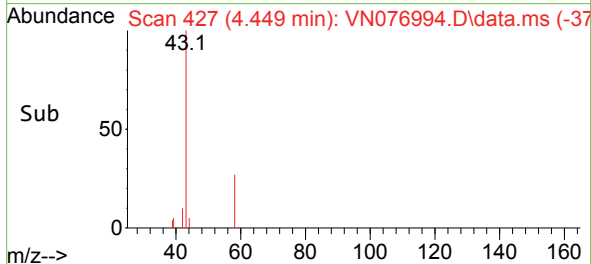
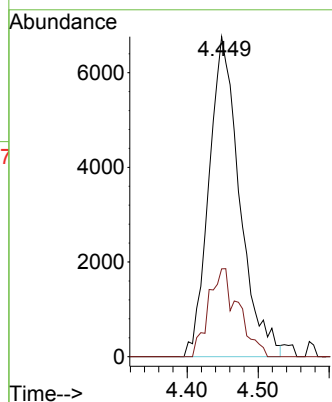
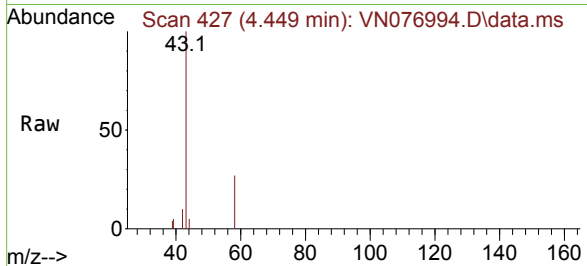




#16
Acetone
Concen: 15.986 ug/l
RT: 4.449 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

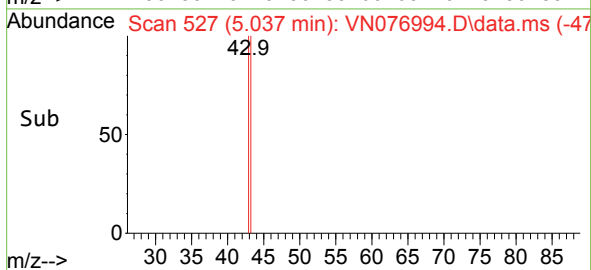
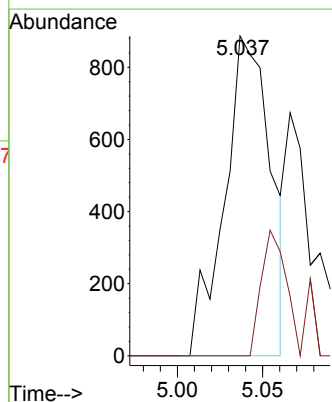
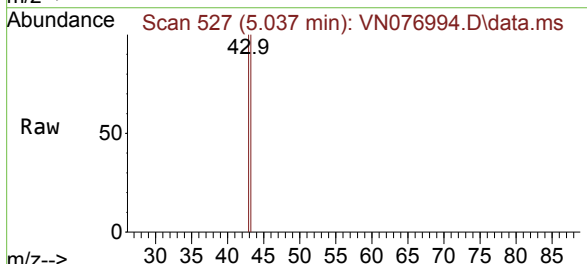
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

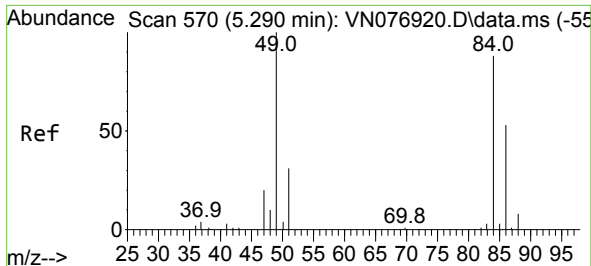
Tgt Ion: 43 Resp: 20291
Ion Ratio Lower Upper
43 100
58 27.5 28.2 42.2#



#18
Methyl Acetate
Concen: 0.357 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
74 21.0 25.9 38.9#

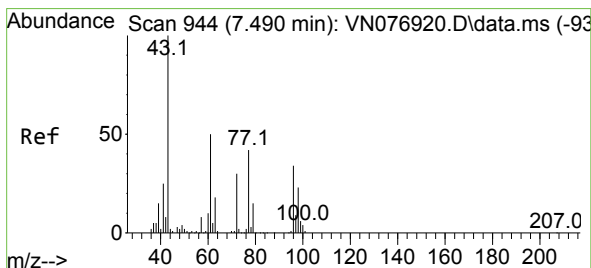
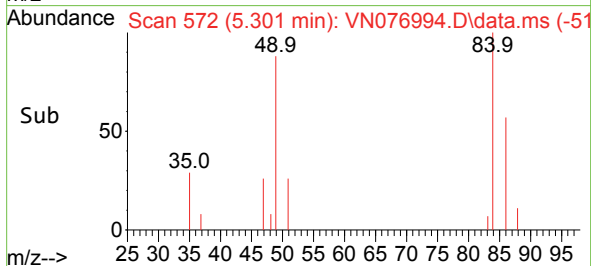
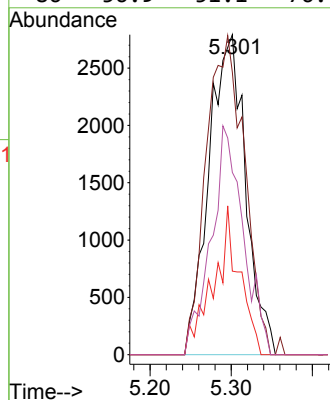
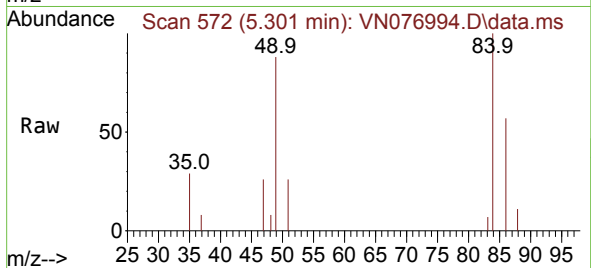




#20
Methylene Chloride
Concen: 2.690 ug/l
RT: 5.301 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

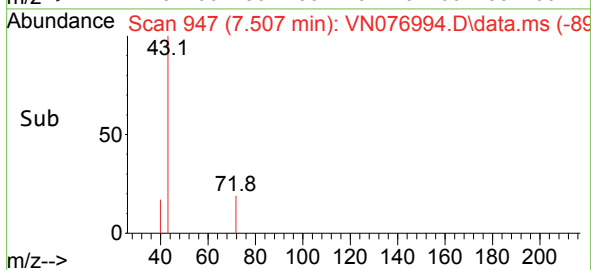
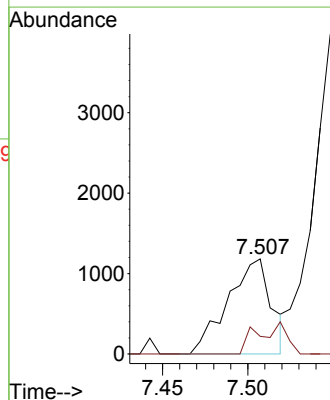
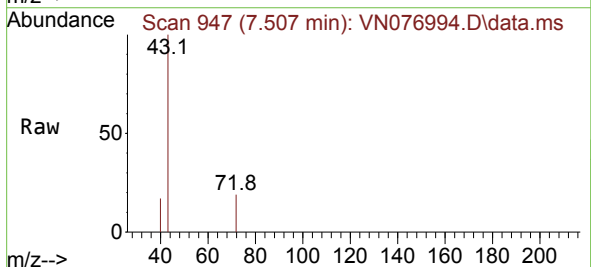
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

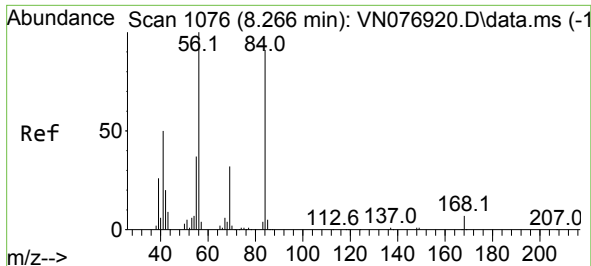
Tgt Ion: 84	Resp: 8780
Ion Ratio	Lower Upper
84 100	
49 88.3	76.6 114.8
51 26.1	25.4 38.2
86 56.9	51.1 76.7



#25
2-Butanone
Concen: 1.161 ug/l
RT: 7.507 min Scan# 947
Delta R.T. 0.017 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion: 43	Resp: 2096		
Ion Ratio	Lower	Upper	
43 100			
72 18.5	28.8	43.2#	

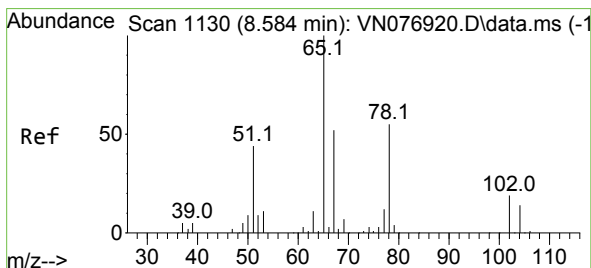
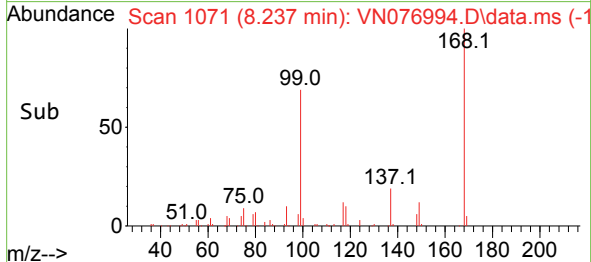
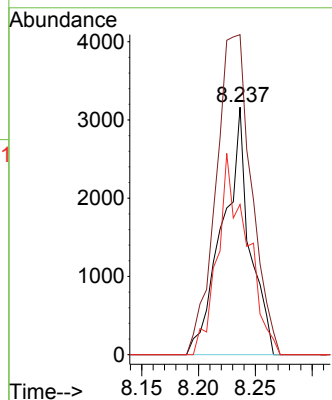
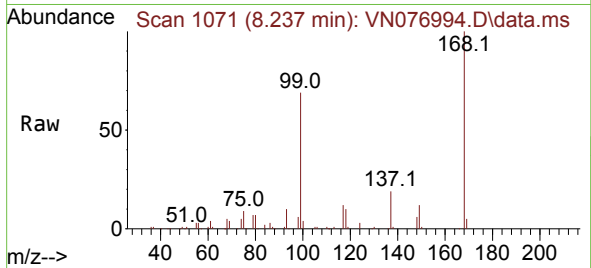




#31
Cyclohexane
Concen: 0.996 ug/l
RT: 8.237 min Scan# 1071
Delta R.T. -0.029 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

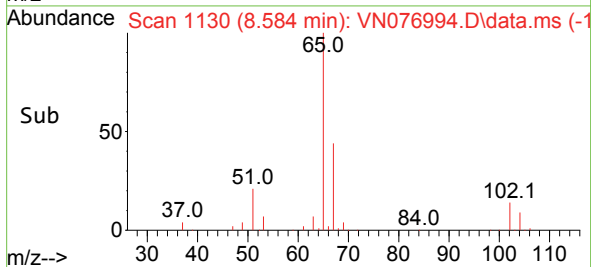
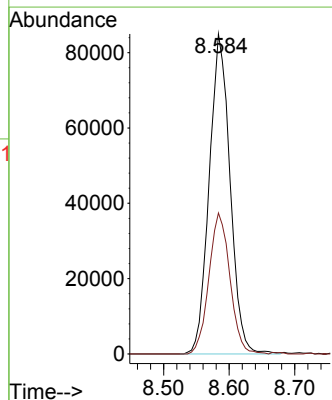
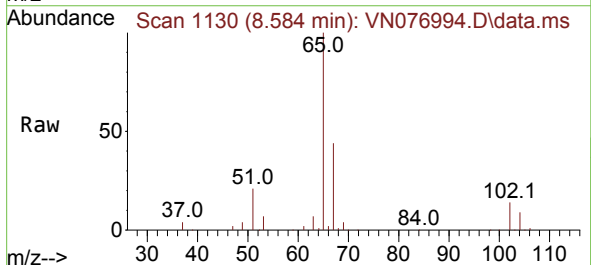
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

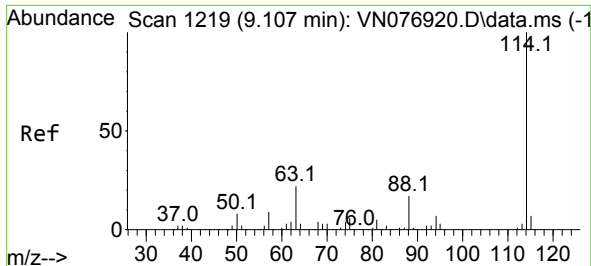
Tgt Ion: 56 Resp: 5232
Ion Ratio Lower Upper
56 100
69 129.3 27.0 40.6#
84 60.7 82.9 124.3#



#33
1,2-Dichloroethane-d4
Concen: 51.187 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion: 65 Resp: 187500
Ion Ratio Lower Upper
65 100
67 44.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076994.D

Acq: 14 Mar 2023 19:58

Instrument :

MSVOA_N

ClientSampleId :

MAPLE-2

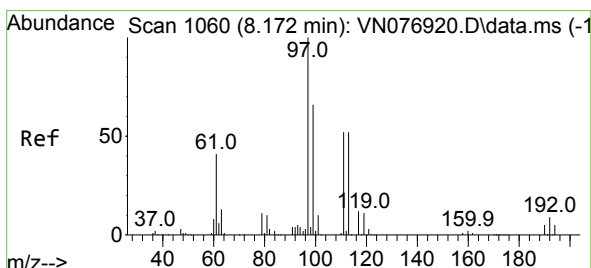
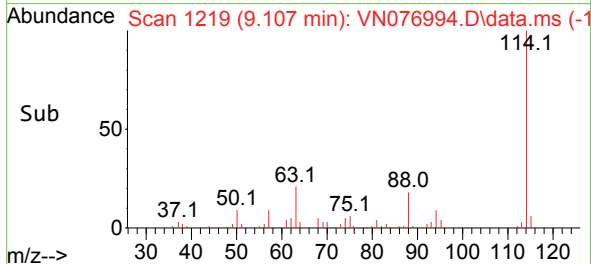
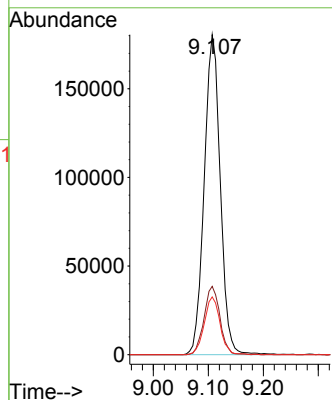
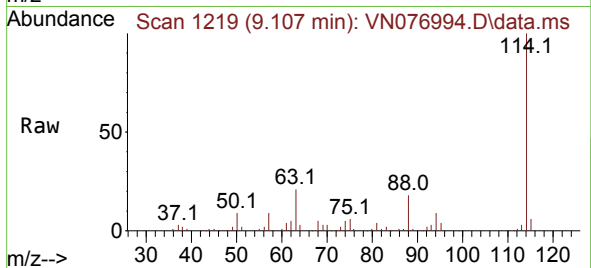
Tgt Ion:114 Resp: 366334

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 18.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.188 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076994.D

Acq: 14 Mar 2023 19:58

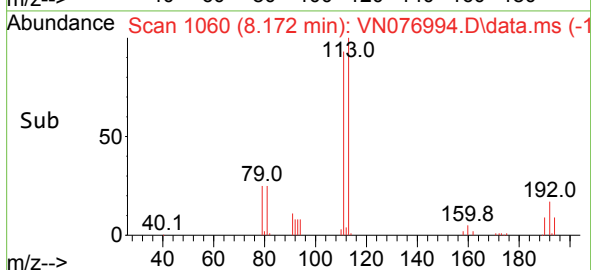
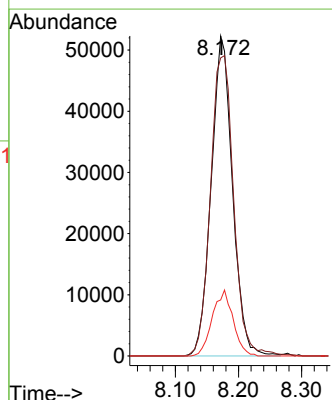
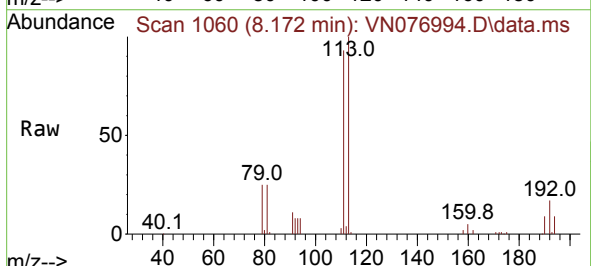
Tgt Ion:113 Resp: 122533

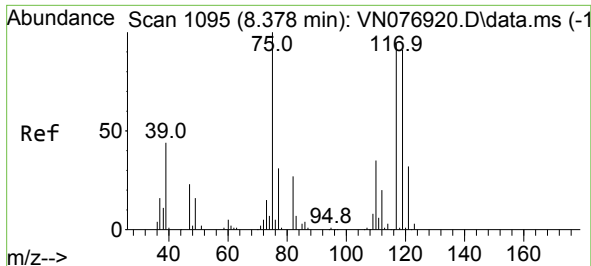
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 20.1 13.9 20.9





#36

1,1-Dichloropropene

Concen: 5.461 ug/l

RT: 8.237 min Scan# 1095

Delta R.T. -0.141 min

Lab File: VN076994.D

Acq: 14 Mar 2023 19:58

Instrument :

MSVOA_N

ClientSampleId :

MAPLE-2

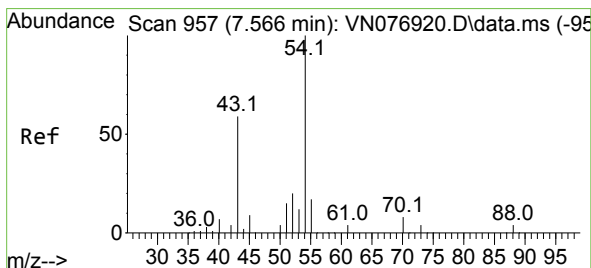
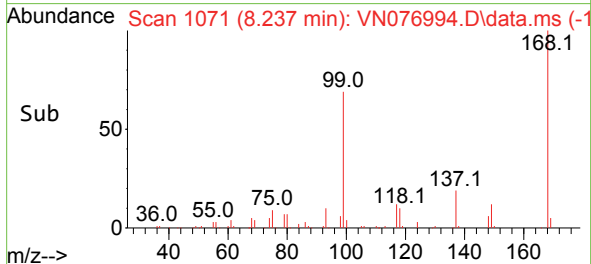
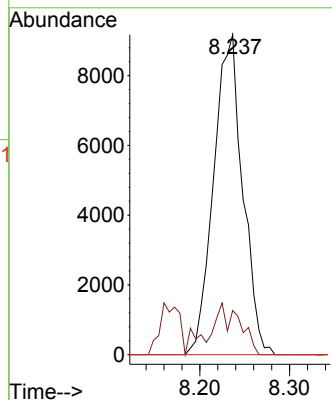
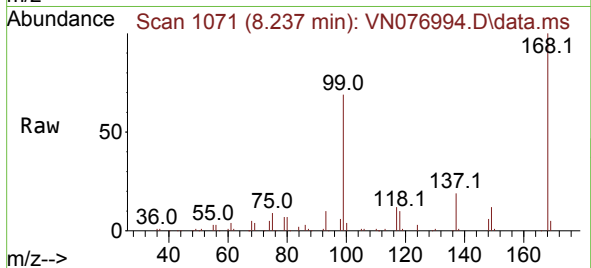
Tgt Ion: 75 Resp: 20620

Ion Ratio Lower Upper

75 100

110 4.1 18.9 56.9#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 10.025 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN076994.D

Acq: 14 Mar 2023 19:58

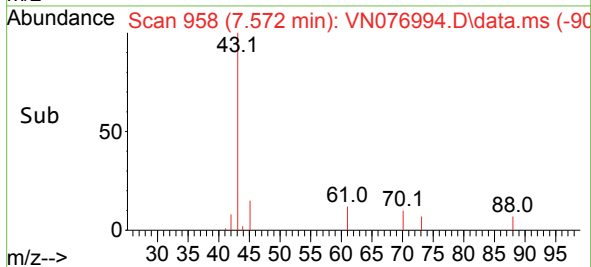
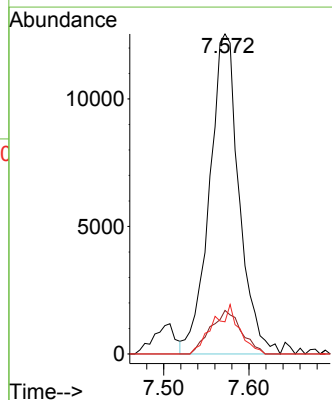
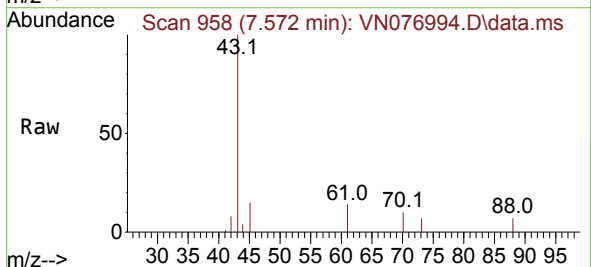
Tgt Ion: 43 Resp: 30273

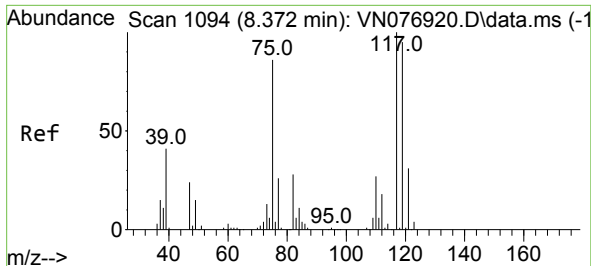
Ion Ratio Lower Upper

43 100

61 14.3 13.5 20.3

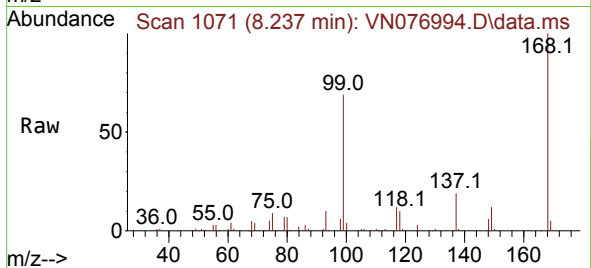
70 13.6 11.0 16.6



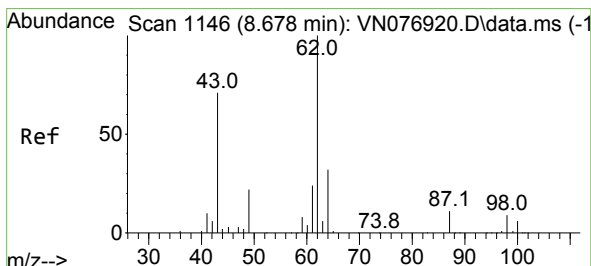
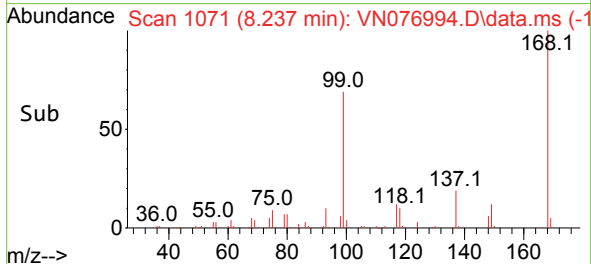
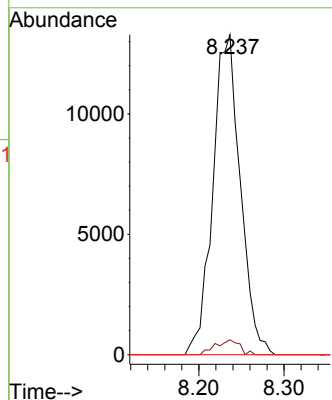


#38
Carbon Tetrachloride
Concen: 6.745 ug/l
RT: 8.237 min Scan# 1094
Delta R.T. -0.135 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

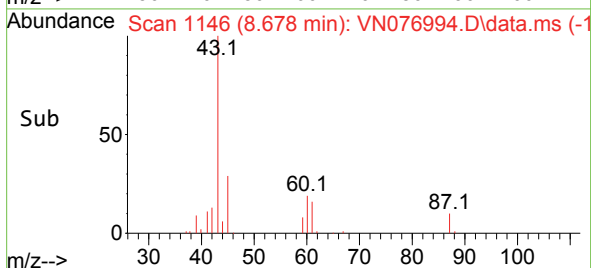
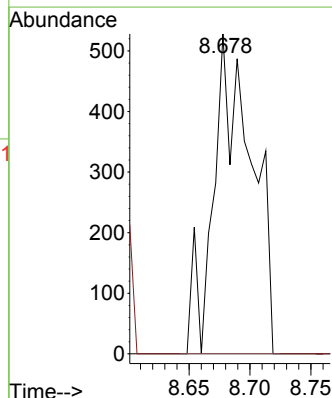
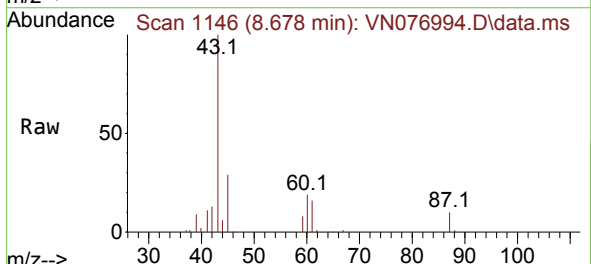


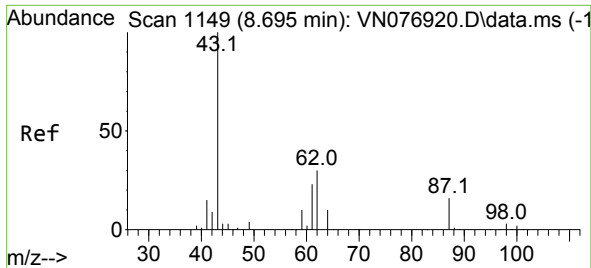
Tgt Ion:117 Resp: 29808
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 23.2 34.8#



#42
1,2-Dichloroethane
Concen: 0.268 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion: 62 Resp: 1164
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.8

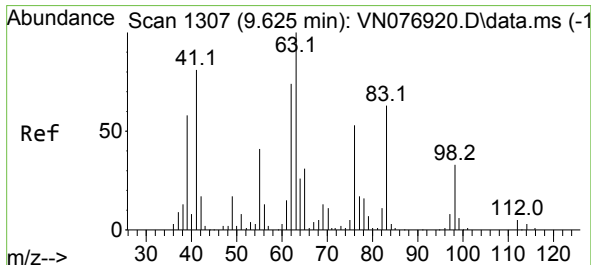
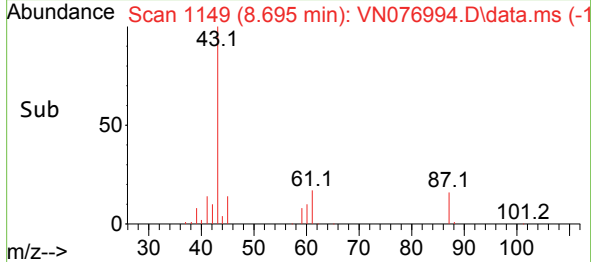
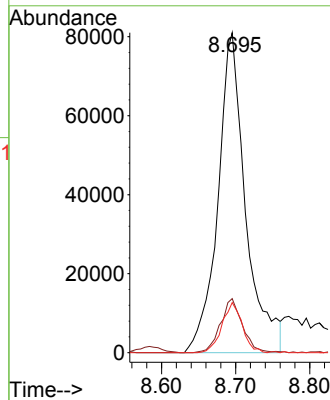
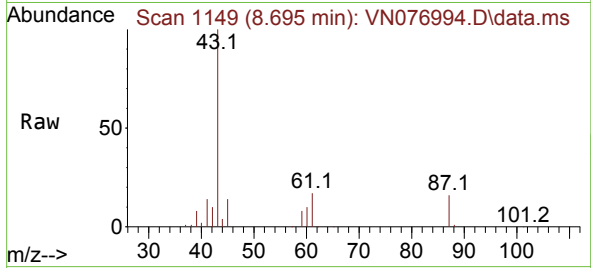




#43
Isopropyl Acetate
Concen: 39.513 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

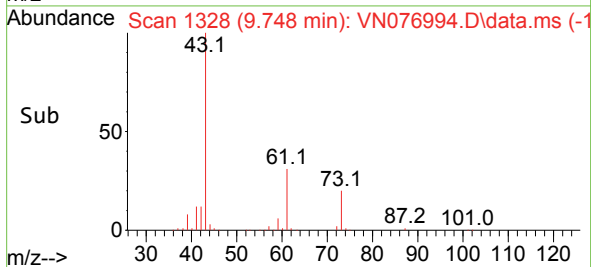
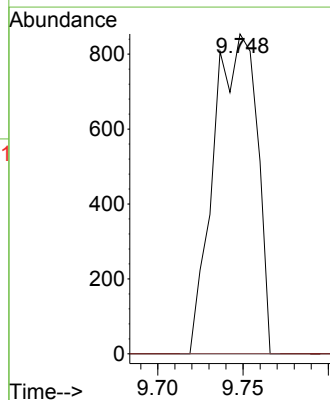
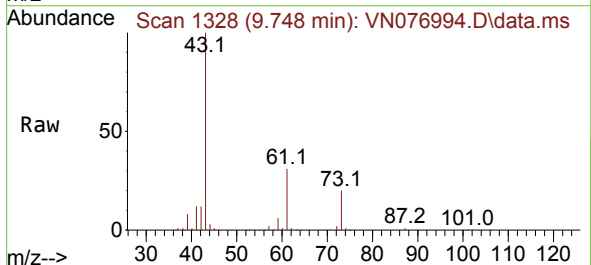
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

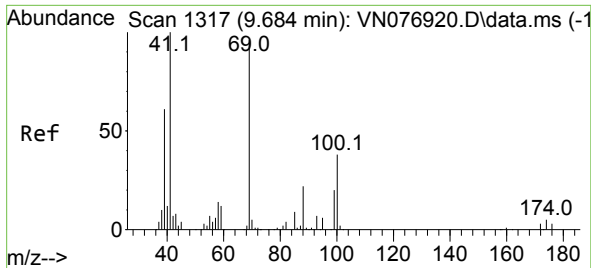
Tgt Ion: 43 Resp: 210631
Ion Ratio Lower Upper
43 100
61 13.5 26.2 39.2#
87 11.5 14.8 22.2#



#45
1,2-Dichloropropane
Concen: 0.551 ug/l
RT: 9.748 min Scan# 1328
Delta R.T. 0.123 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion: 63 Resp: 1509
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.6#

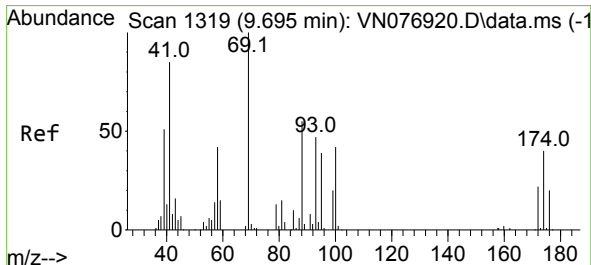
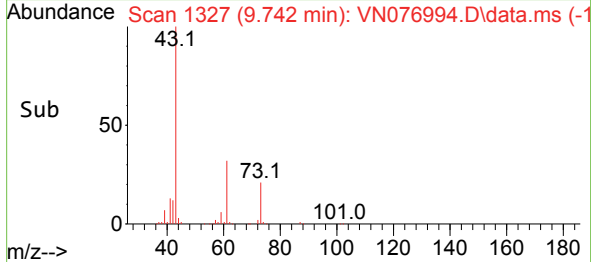
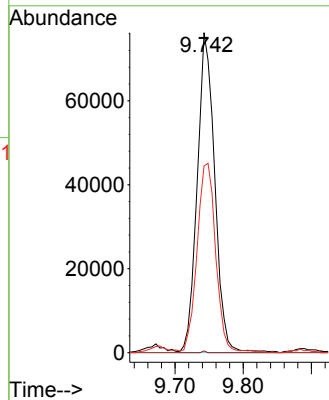
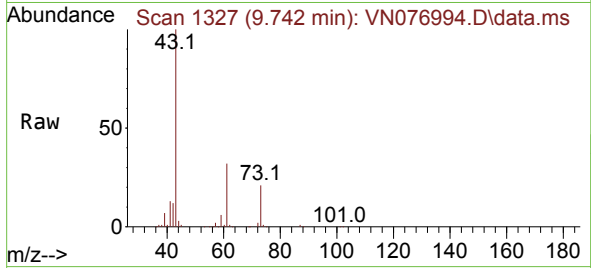




#48
Methyl methacrylate
Concen: 52.000 ug/l
RT: 9.742 min Scan# 1317
Delta R.T. 0.058 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

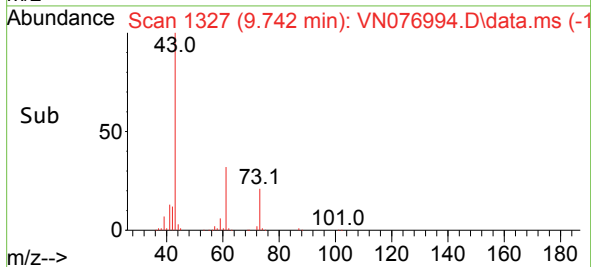
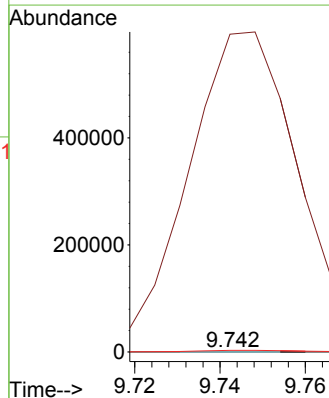
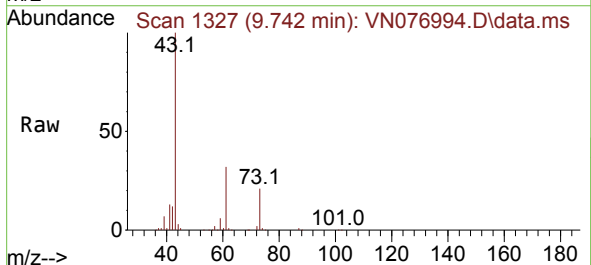
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

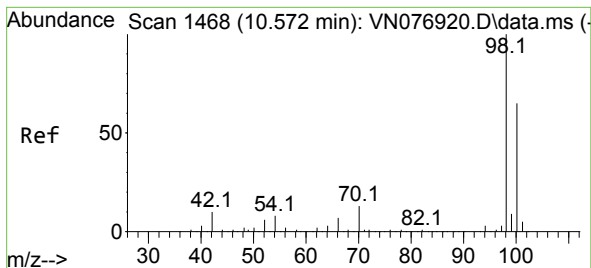
Tgt Ion: 41 Resp: 135817
Ion Ratio Lower Upper
41 100
69 0.1 92.6 139.0#
39 63.3 51.4 77.0



#49
1,4-Dioxane
Concen: 1.213 ug/l
RT: 9.742 min Scan# 1327
Delta R.T. 0.047 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 1836685.0 15.3 22.9#
58 8771.7 47.6 71.4#

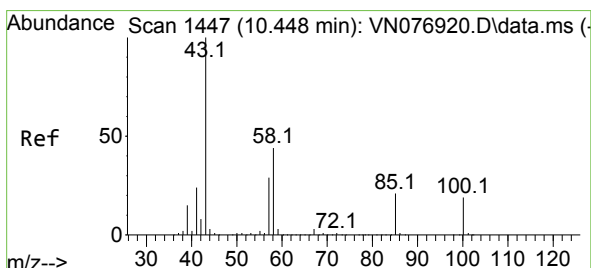
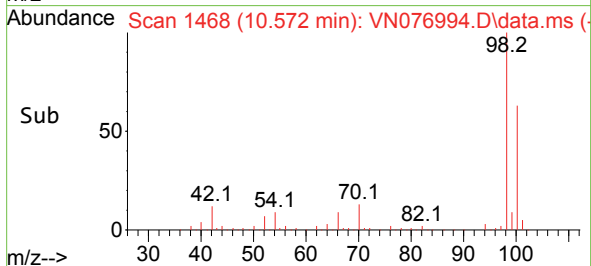
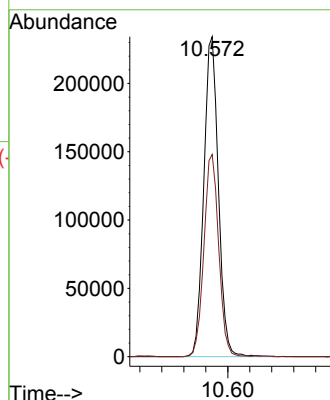
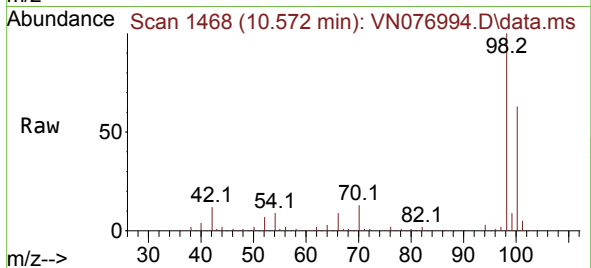




#50
Toluene-d8
Concen: 47.877 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

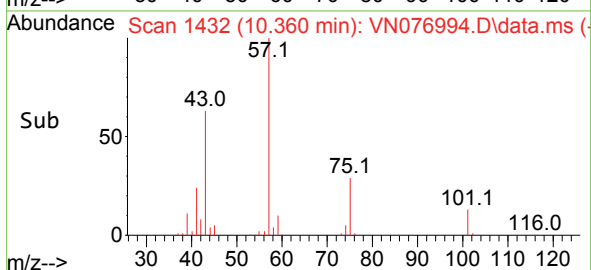
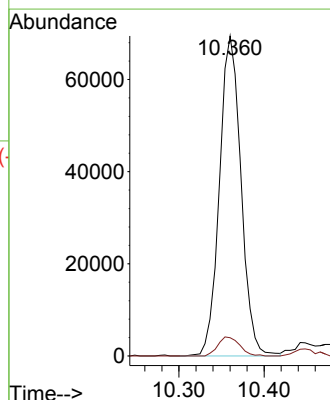
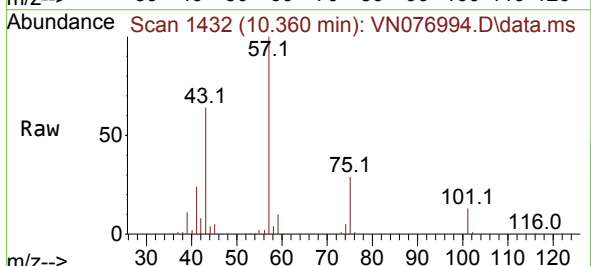
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

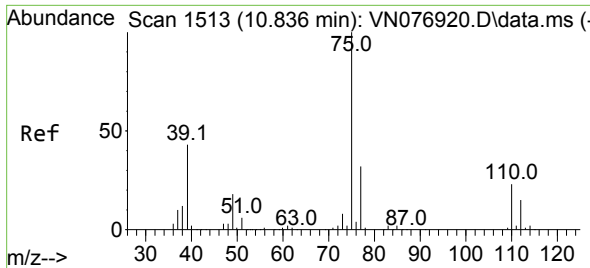
Tgt Ion: 98 Resp: 430800
Ion Ratio Lower Upper
98 100
100 64.1 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 38.166 ug/l
RT: 10.360 min Scan# 1432
Delta R.T. -0.088 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion: 43 Resp: 122216
Ion Ratio Lower Upper
43 100
58 6.0 37.4 56.0#

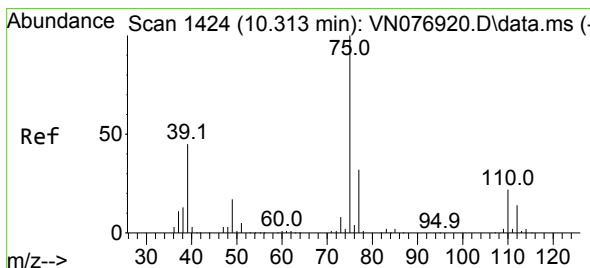
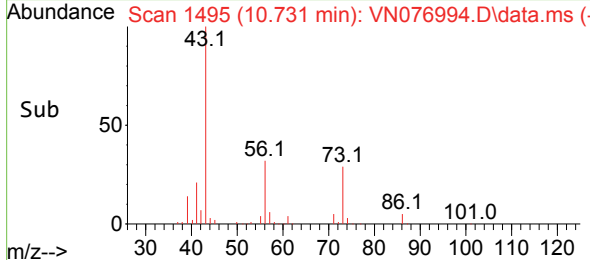
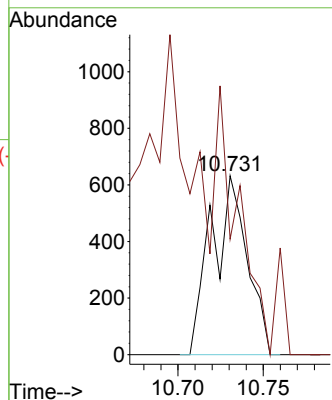
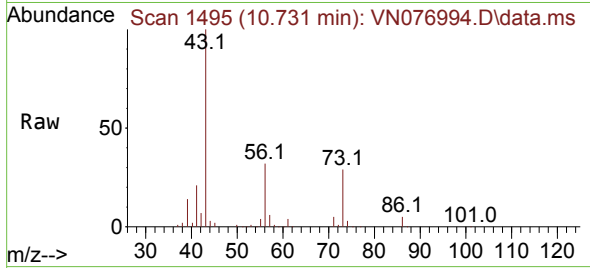




#53
 t-1,3-Dichloropropene
 Concen: 0.229 ug/l
 RT: 10.731 min Scan# 1495
 Delta R.T. -0.105 min
 Lab File: VN076994.D
 Acq: 14 Mar 2023 19:58

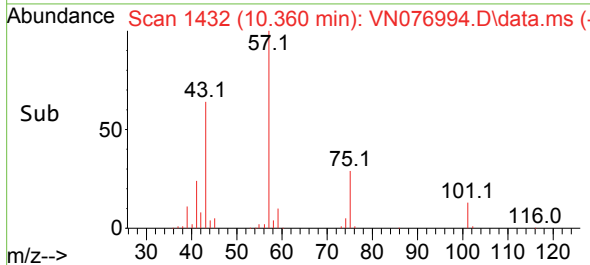
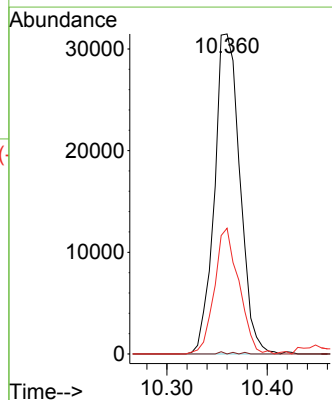
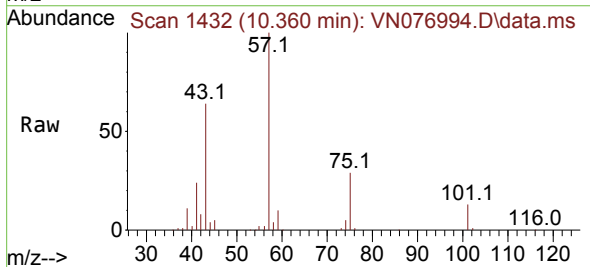
Instrument :
 MSVOA_N
 ClientSampleId :
 MAPLE-2

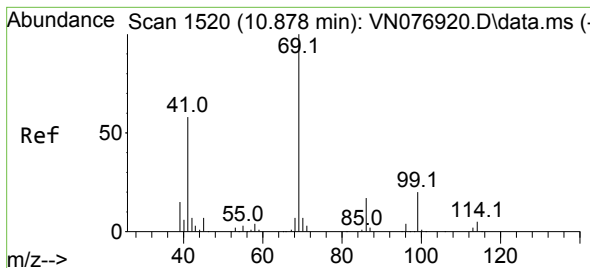
Tgt Ion: 75 Resp: 926
 Ion Ratio Lower Upper
 75 100
 77 4.9 25.0 37.6#



#54
 cis-1,3-Dichloropropene
 Concen: 12.498 ug/l
 RT: 10.360 min Scan# 1432
 Delta R.T. 0.047 min
 Lab File: VN076994.D
 Acq: 14 Mar 2023 19:58

Tgt Ion: 75 Resp: 55521
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 39.3 29.7 44.5





#56

Ethyl methacrylate

Concen: 0.328 ug/l

RT: 10.983 min Scan# 1538

Delta R.T. 0.105 min

Lab File: VN076994.D

Acq: 14 Mar 2023 19:58

Instrument :

MSVOA_N

ClientSampleId :

MAPLE-2

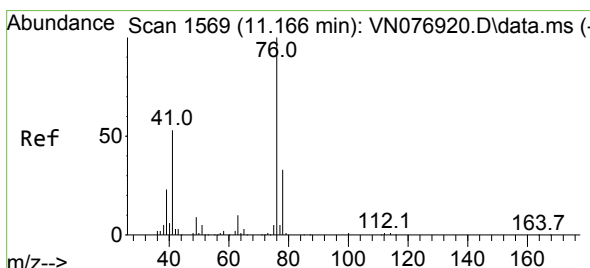
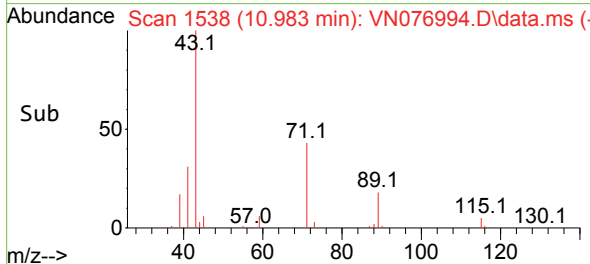
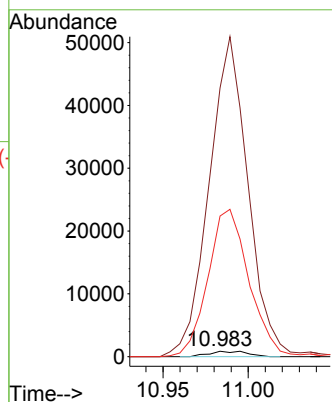
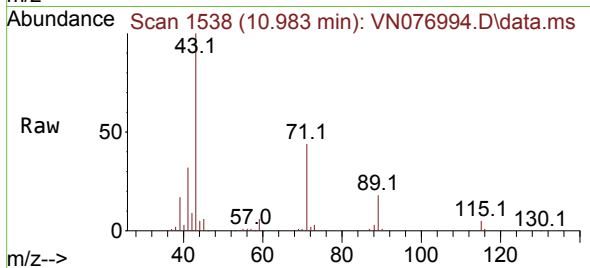
Tgt Ion: 69 Resp: 1324

Ion Ratio Lower Upper

69 100

41 6146.1 38.0 57.0#

39 2982.6 22.4 33.6#



#57

1,3-Dichloropropane

Concen: 1.530 ug/l

RT: 11.201 min Scan# 1575

Delta R.T. 0.035 min

Lab File: VN076994.D

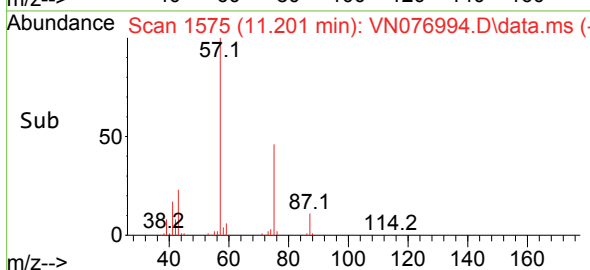
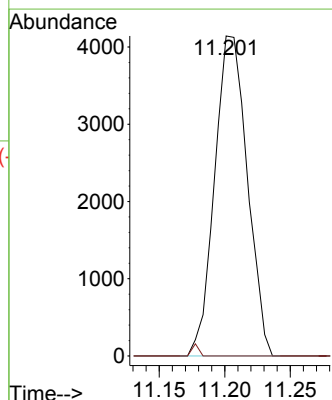
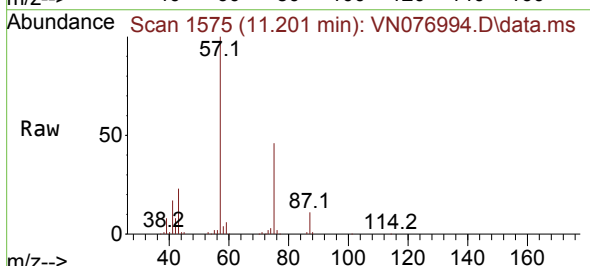
Acq: 14 Mar 2023 19:58

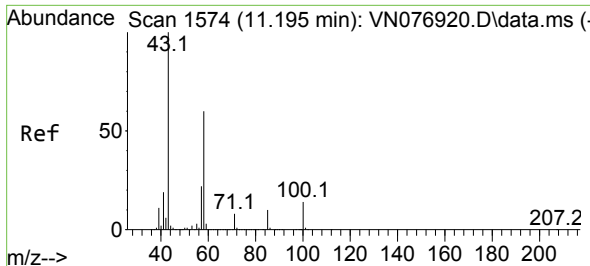
Tgt Ion: 76 Resp: 7189

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#

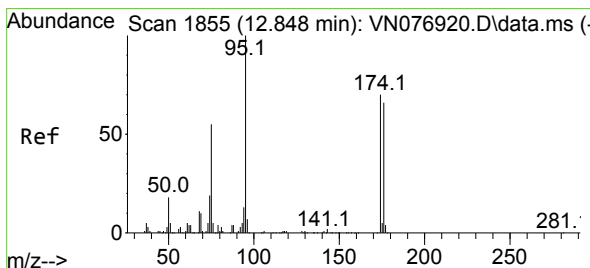
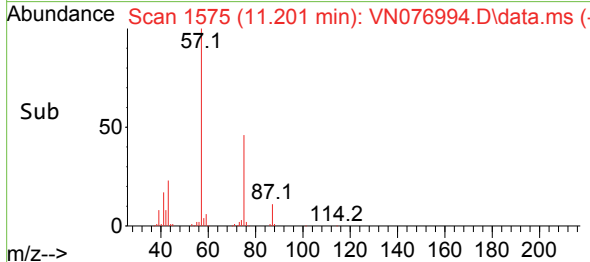
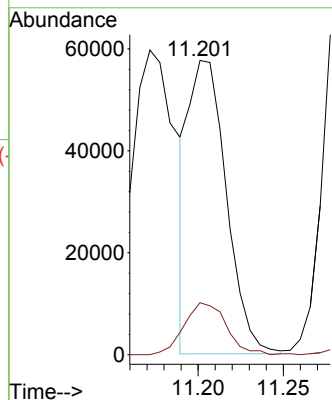
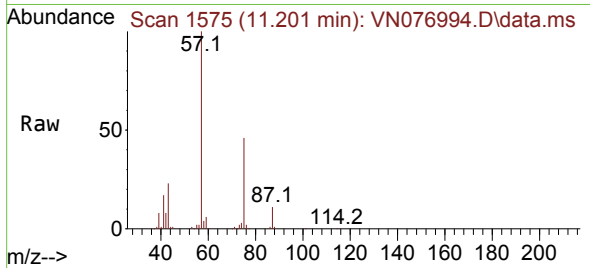




#59
2-Hexanone
Concen: 38.089 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

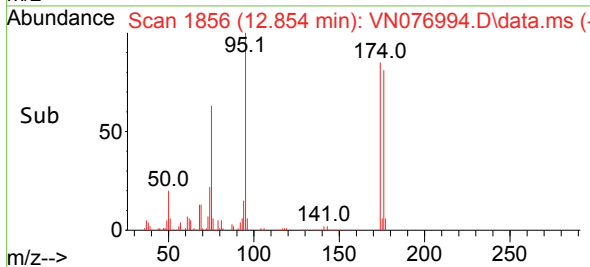
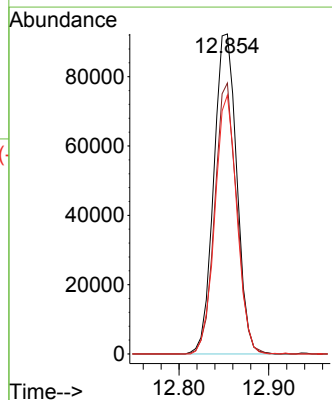
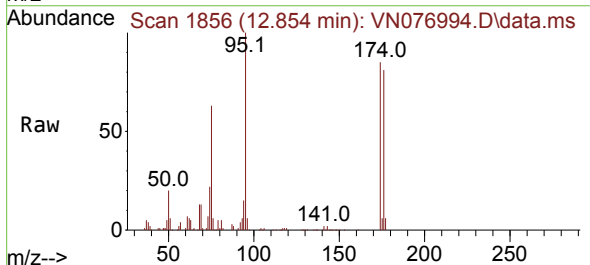
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

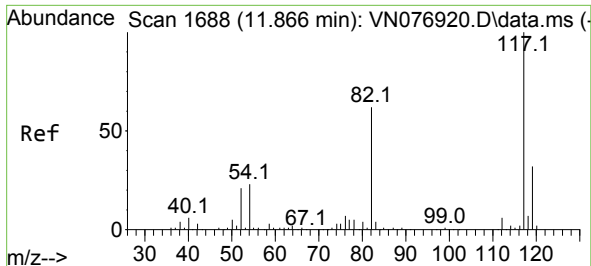
Tgt Ion: 43 Resp: 88933
Ion Ratio Lower Upper
43 100
58 19.7 32.6 98.0#



#62
4-Bromofluorobenzene
Concen: 49.881 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion: 95 Resp: 164169
Ion Ratio Lower Upper
95 100
174 80.9 0.0 162.4
176 77.5 0.0 157.4

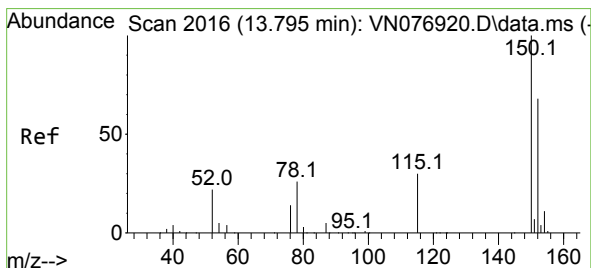
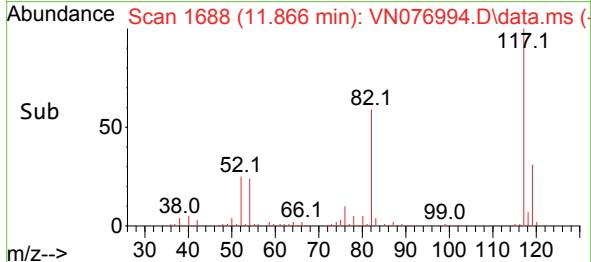
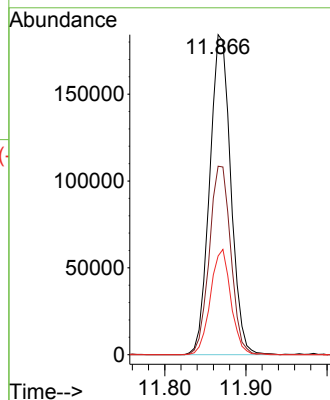
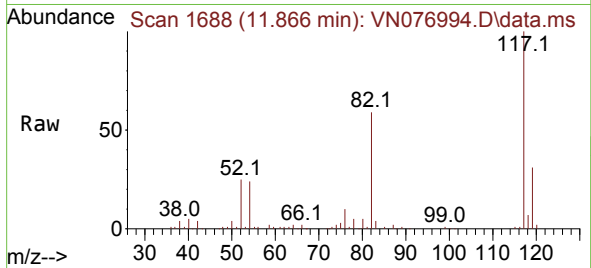




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

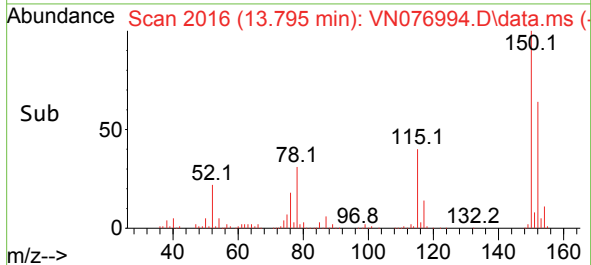
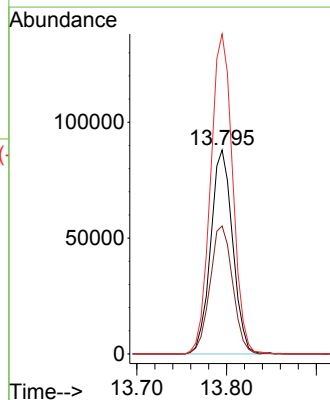
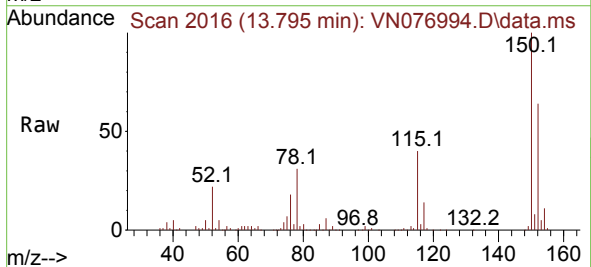
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-2

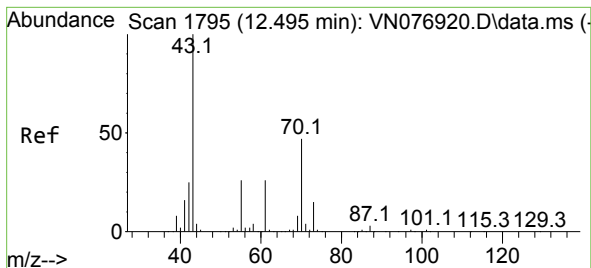
Tgt Ion:117 Resp: 333117
Ion Ratio Lower Upper
117 100
82 58.9 43.5 65.3
119 30.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076994.D
Acq: 14 Mar 2023 19:58

Tgt Ion:152 Resp: 149819
Ion Ratio Lower Upper
152 100
115 64.8 30.3 90.9
150 157.5 0.0 353.6





#74

N-ethyl acetate

Concen: 0.213 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN076994.D

Acq: 14 Mar 2023 19:58

Instrument :

MSVOA_N

ClientSampleId :

MAPLE-2

Tgt Ion: 43 Resp: 943

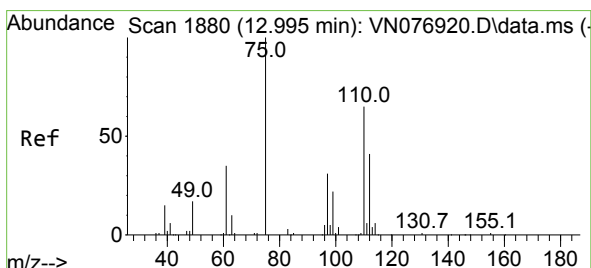
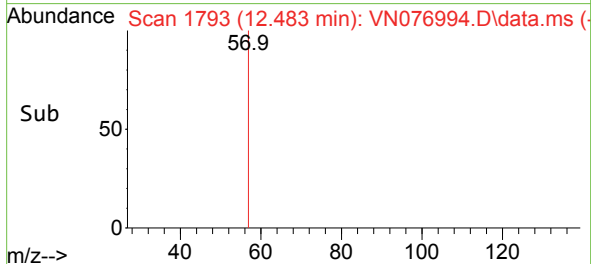
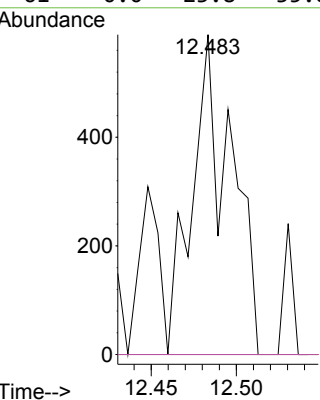
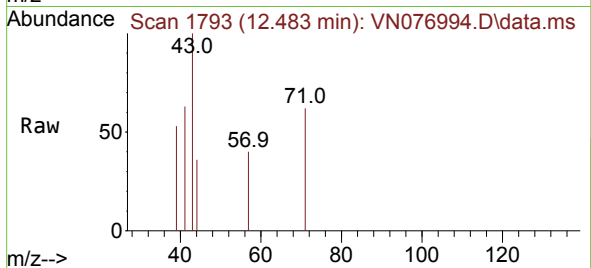
Ion Ratio Lower Upper

43 100

70 0.0 46.8 70.2#

55 0.0 23.4 35.2#

61 0.0 23.8 35.8#



#76

1,2,3-Trichloropropane

Concen: 28.223 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.147 min

Lab File: VN076994.D

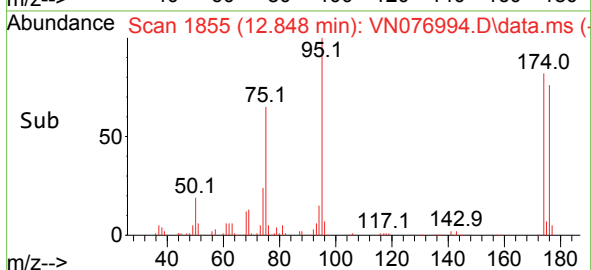
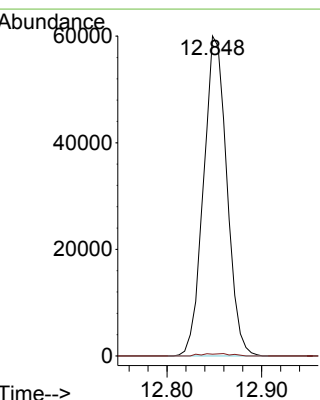
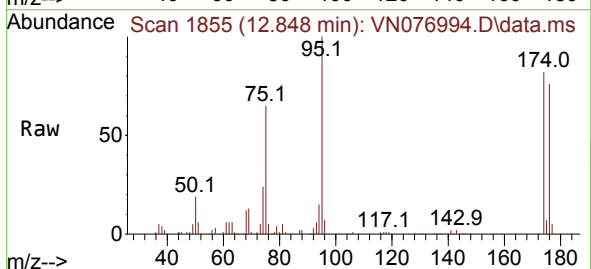
Acq: 14 Mar 2023 19:58

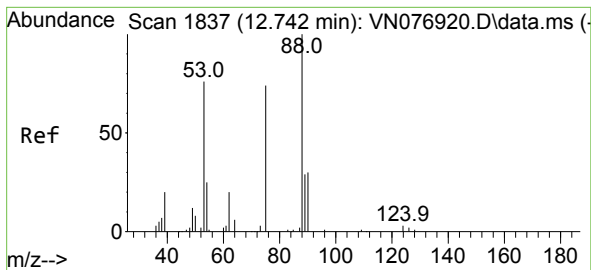
Tgt Ion: 75 Resp: 102513

Ion Ratio Lower Upper

75 100

77 0.9 93.8 281.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.190 ug/l
 RT: 12.848 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN076994.D
 Acq: 14 Mar 2023 19:58

Instrument :
 MSVOA_N
 ClientSampleId :
 MAPLE-2

Tgt Ion: 75 Resp: 102513
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 39.5 59.3#

