

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031423\
 Data File : VN076993.D
 Acq On : 14 Mar 2023 19:34
 Operator : JC\MD
 Sample : 01905-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MAPLE-1

Quant Time: Mar 15 04:29:45 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

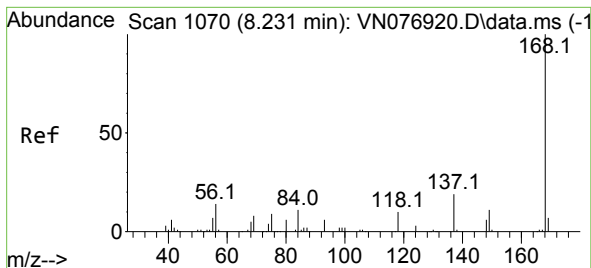
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	252174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	366680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	341553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	157864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	187890	49.929	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.860%		
35) Dibromofluoromethane	8.172	113	119189	48.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	10.572	98	436770	48.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.980%		
62) 4-Bromofluorobenzene	12.848	95	171602	52.090	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.180%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.525	59	336	0.642	ug/l #	72
16) Acetone	4.449	43	22968	17.614	ug/l #	83
18) Methyl Acetate	5.043	43	2002	0.416	ug/l #	77
20) Methylene Chloride	5.290	84	4399	1.312	ug/l #	84
25) 2-Butanone	7.495	43	1573	0.848	ug/l #	66
31) Cyclohexane	8.237	56	6016	1.114	ug/l #	14
36) 1,1-Dichloropropene	8.231	75	20608	5.452	ug/l #	53
37) Ethyl Acetate	7.578	43	26144	8.650	ug/l #	87
38) Carbon Tetrachloride	8.237	117	30501	6.895	ug/l #	15
42) 1,2-Dichloroethane	8.689	62	1089	0.251	ug/l #	71
43) Isopropyl Acetate	8.695	43	191303	35.853	ug/l #	73
48) Methyl methacrylate	9.666	41	3863	1.478	ug/l #	21
49) 1,4-Dioxane	9.742	88	223	4.505	ug/l #	1
51) 4-Methyl-2-Pentanone	10.448	43	10562	3.295	ug/l #	67
54) cis-1,3-Dichloropropene	10.360	75	54260	12.203	ug/l #	71
57) 1,3-Dichloropropane	11.207	76	6349	1.350	ug/l #	42
59) 2-Hexanone	11.172	43	122011	52.207	ug/l #	17
71) Bromoform	12.854	173	492	0.228	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	106963	27.947	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	106963	91.290	ug/l #	15

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

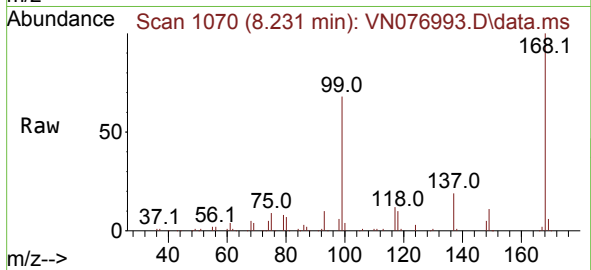
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Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration



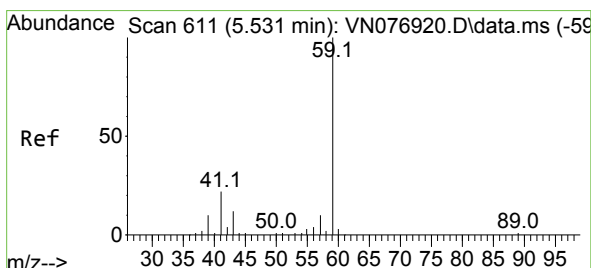
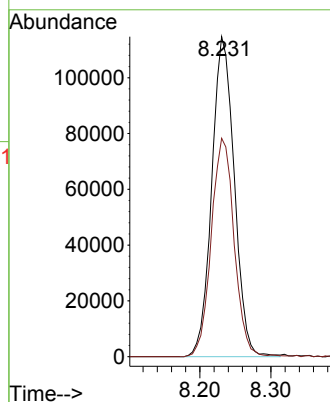
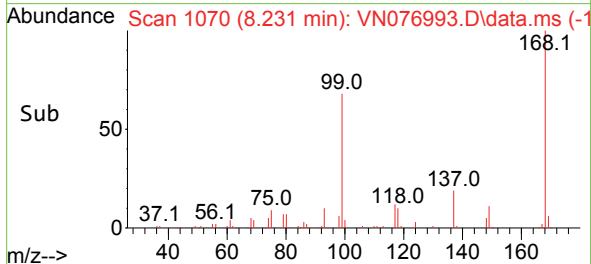


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

Instrument :
MSVOA_N
ClientSampleId :
MAPLE-1

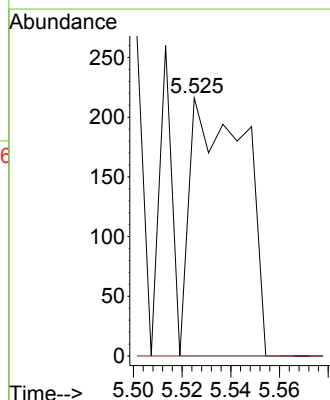
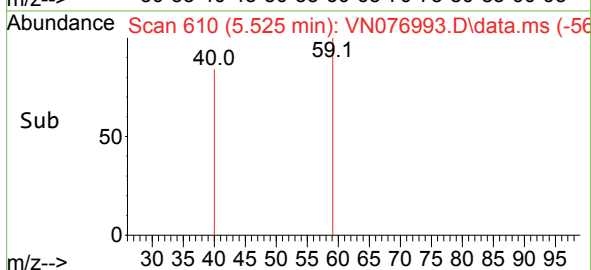
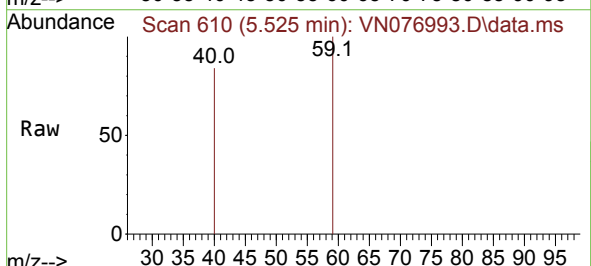


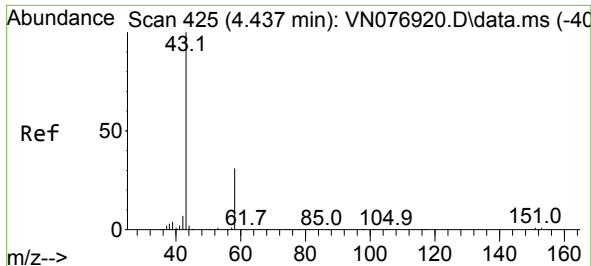
Tgt Ion:168 Resp: 252174
Ion Ratio Lower Upper
168 100
99 68.3 48.6 73.0



#11
Tert butyl alcohol
Concen: 0.642 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#16

Acetone

Concen: 17.614 ug/l

RT: 4.449 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN076993.D

Acq: 14 Mar 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

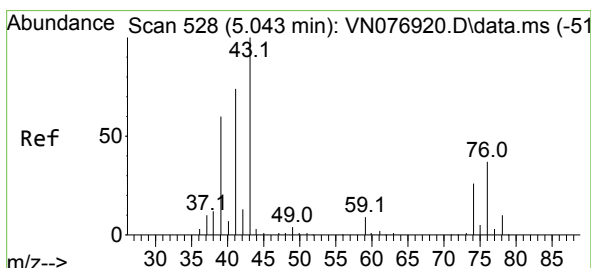
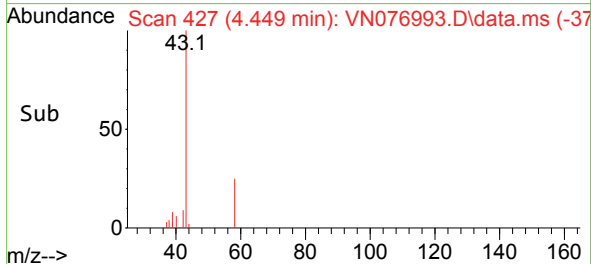
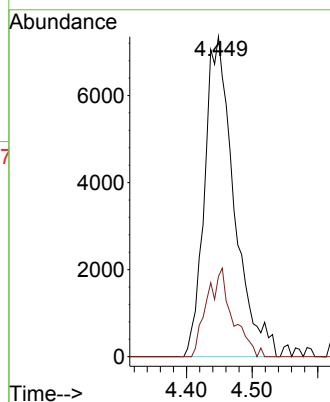
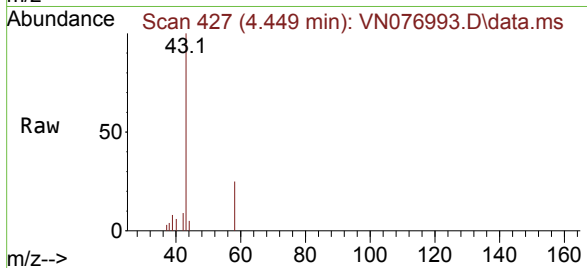
MAPLE-1

Tgt Ion: 43 Resp: 22968

Ion Ratio Lower Upper

43 100

58 25.0 28.2 42.2#



#18

Methyl Acetate

Concen: 0.416 ug/l

RT: 5.043 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN076993.D

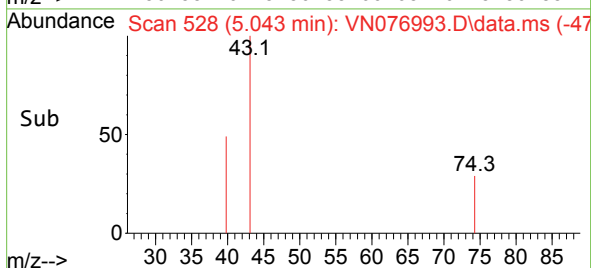
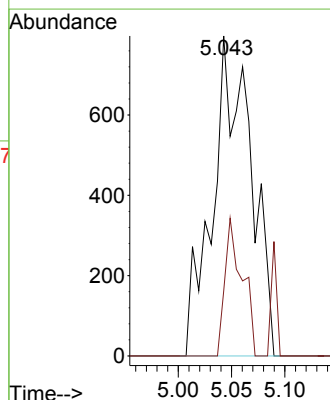
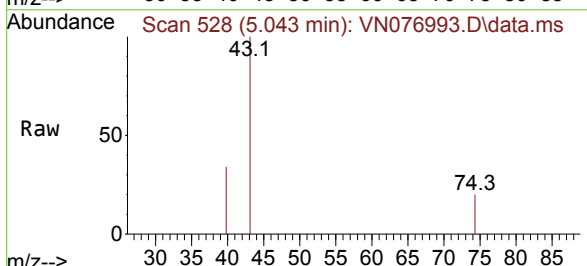
Acq: 14 Mar 2023 19:34

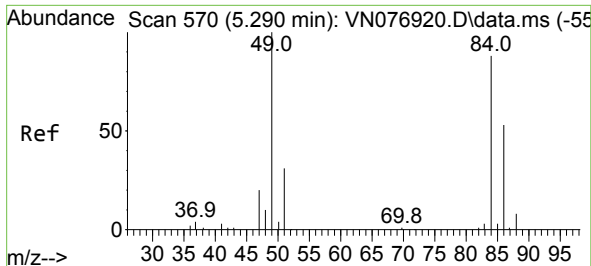
Tgt Ion: 43 Resp: 2002

Ion Ratio Lower Upper

43 100

74 19.5 25.9 38.9#

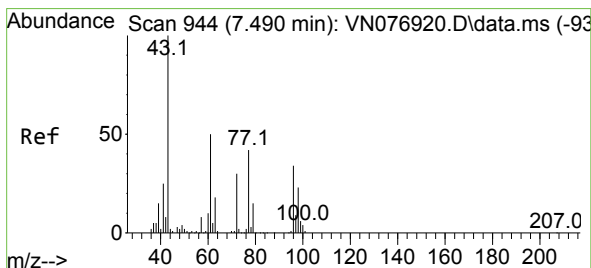
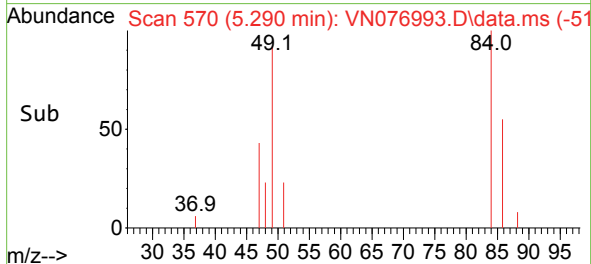
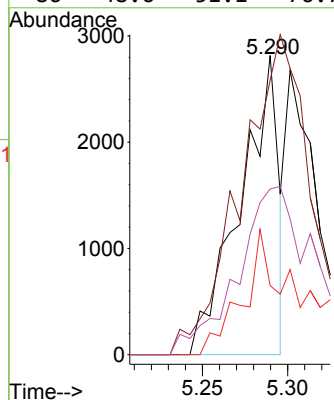
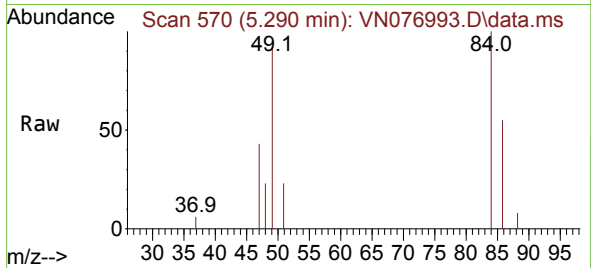




#20
Methylene Chloride
Concen: 1.312 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

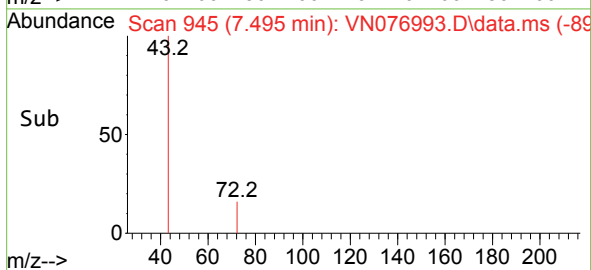
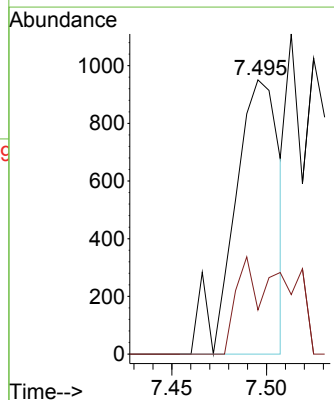
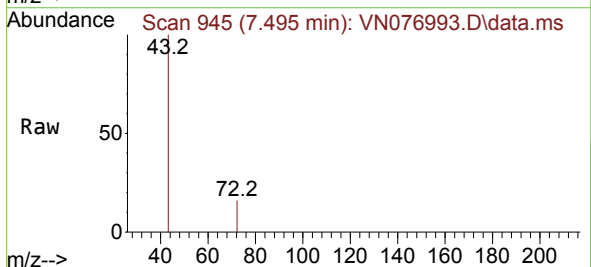
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-1

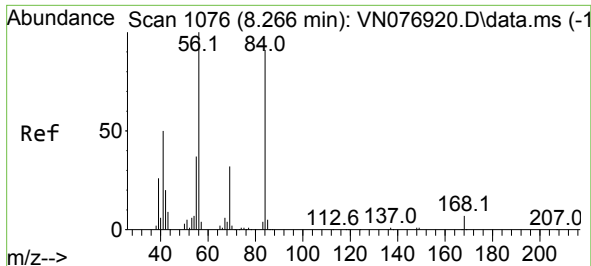
Tgt Ion: 84	Resp: 4399
Ion Ratio	Lower Upper
84 100	
49 83.1	76.6 114.8
51 23.1	25.4 38.2#
86 48.6	51.1 76.7#



#25
2-Butanone
Concen: 0.848 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

Tgt Ion: 43	Resp: 1573		
Ion Ratio	Lower	Upper	
43 100			
72 16.1	28.8	43.2#	

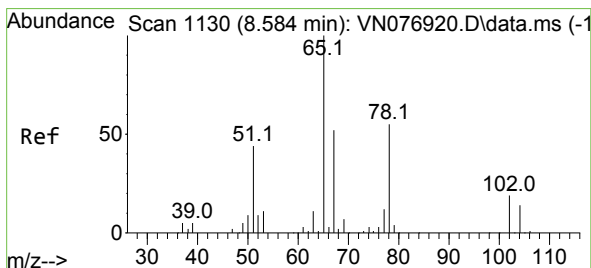
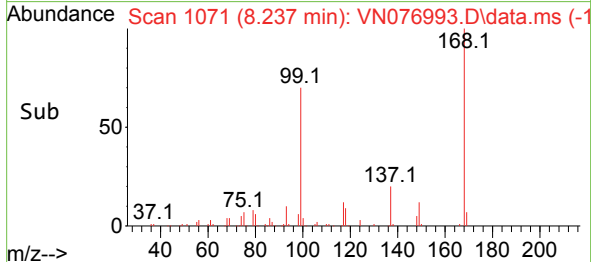
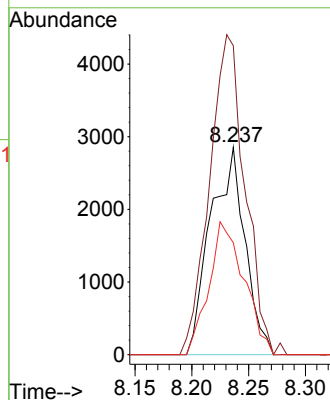
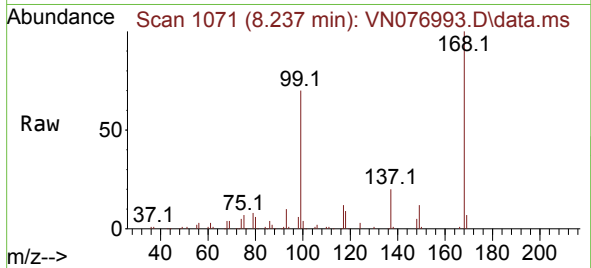




#31
Cyclohexane
Concen: 1.114 ug/l
RT: 8.237 min Scan# 1076
Delta R.T. -0.029 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

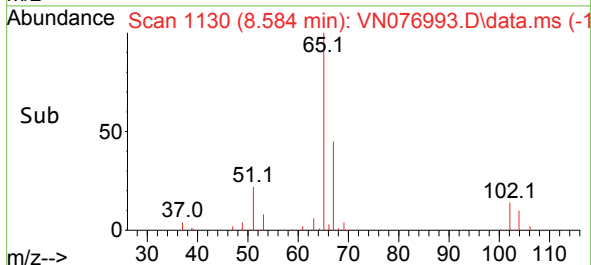
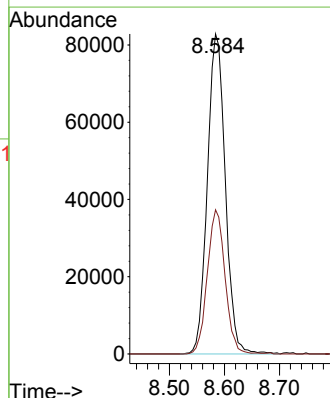
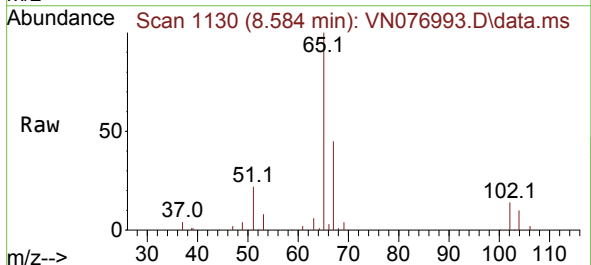
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-1

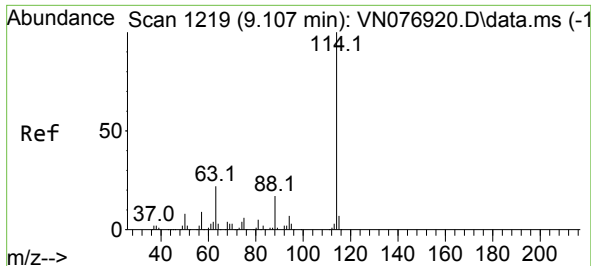
Tgt Ion: 56 Resp: 6016
Ion Ratio Lower Upper
56 100
69 149.0 27.0 40.6#
84 54.0 82.9 124.3#



#33
1,2-Dichloroethane-d4
Concen: 49.929 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

Tgt Ion: 65 Resp: 187890
Ion Ratio Lower Upper
65 100
67 44.7 0.0 107.2

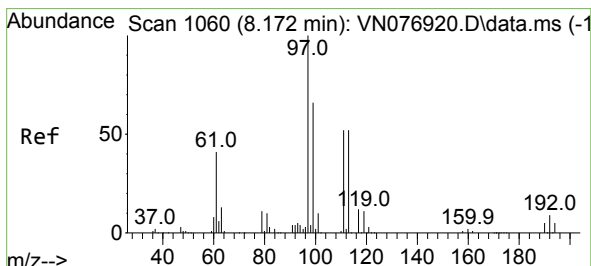
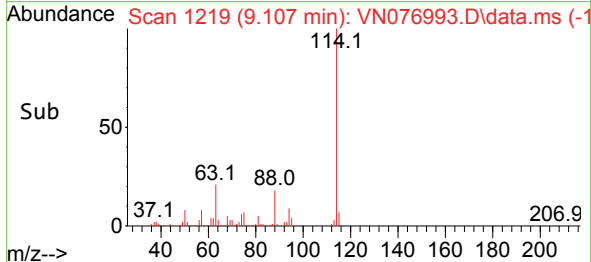
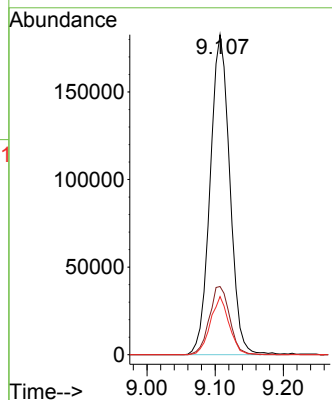
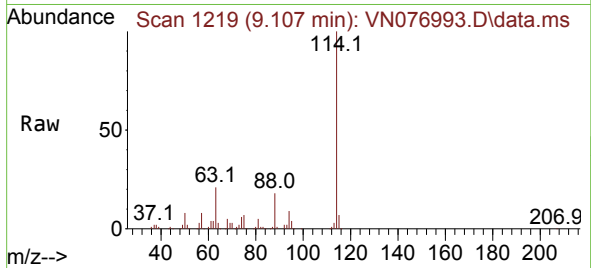




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

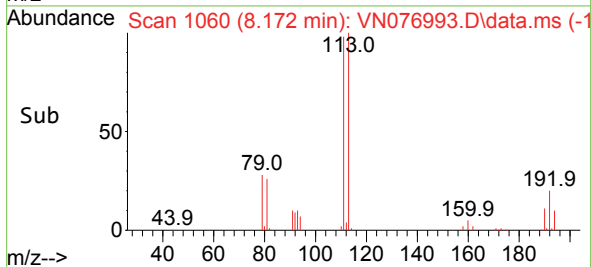
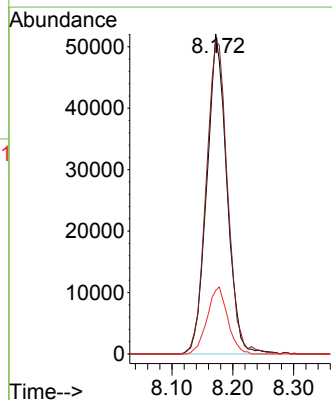
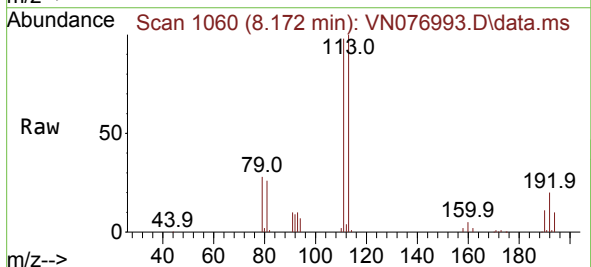
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-1

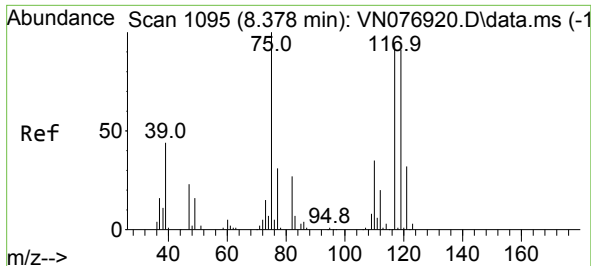
Tgt Ion:114 Resp: 366680
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.6
88 18.2 0.0 28.6



#35
Dibromofluoromethane
Concen: 48.772 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

Tgt Ion:113 Resp: 119189
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 21.3 13.9 20.9#





#36

1,1-Dichloropropene

Concen: 5.452 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN076993.D

Acq: 14 Mar 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

MAPLE-1

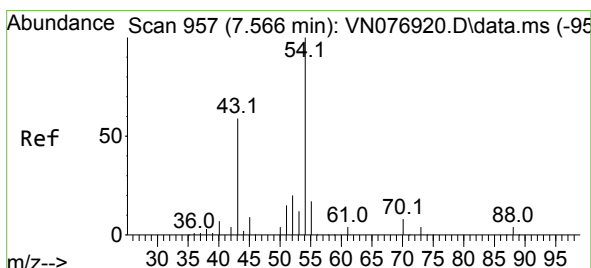
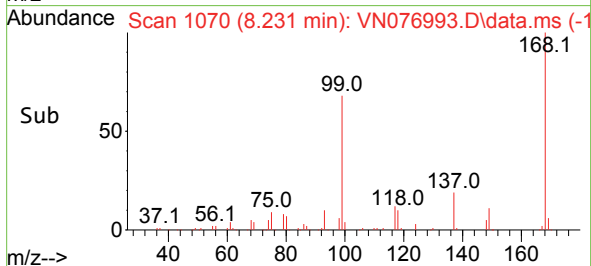
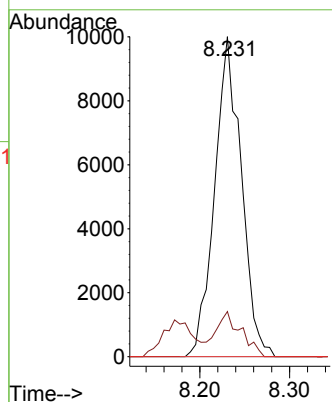
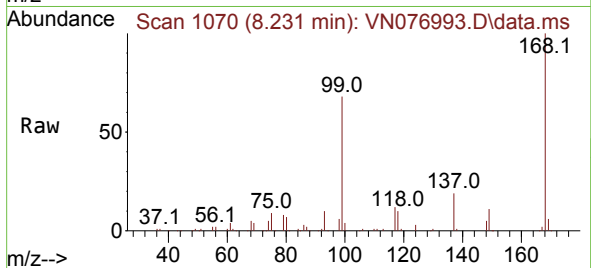
Tgt Ion: 75 Resp: 20608

Ion Ratio Lower Upper

75 100

110 13.8 18.9 56.9#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 8.650 ug/l

RT: 7.578 min Scan# 959

Delta R.T. 0.012 min

Lab File: VN076993.D

Acq: 14 Mar 2023 19:34

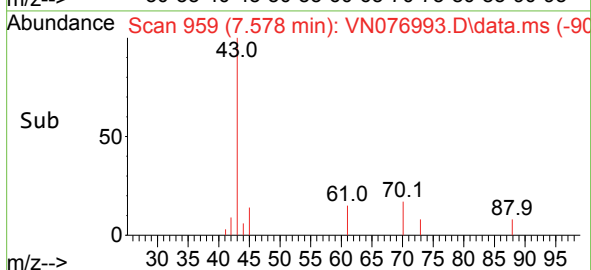
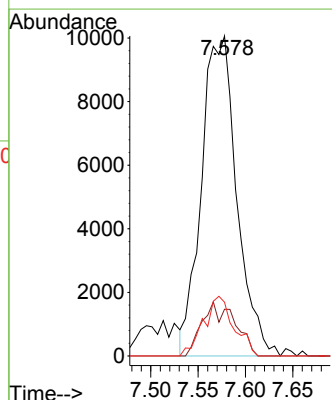
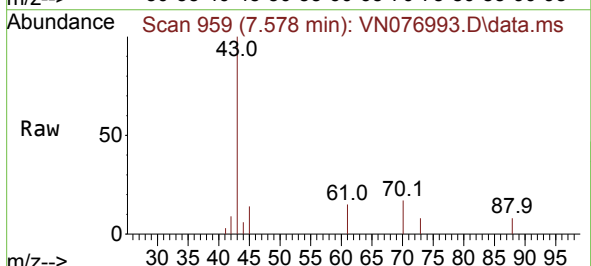
Tgt Ion: 43 Resp: 26144

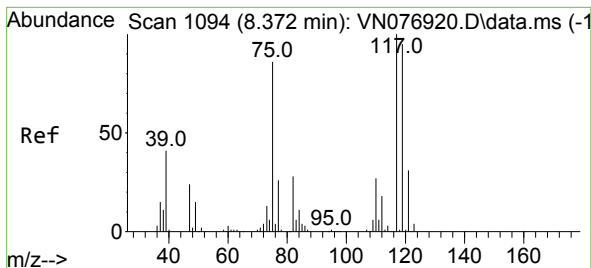
Ion Ratio Lower Upper

43 100

61 8.3 13.5 20.3#

70 16.0 11.0 16.6





#38

Carbon Tetrachloride

Concen: 6.895 ug/l

RT: 8.237 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN076993.D

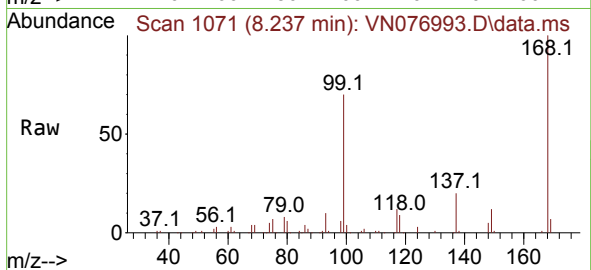
Acq: 14 Mar 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

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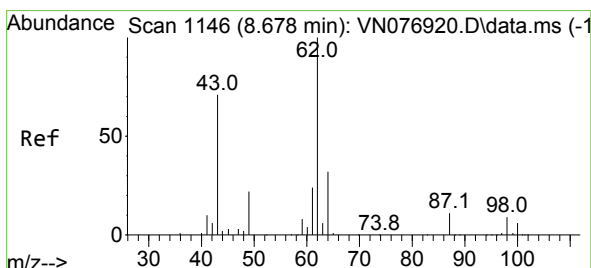
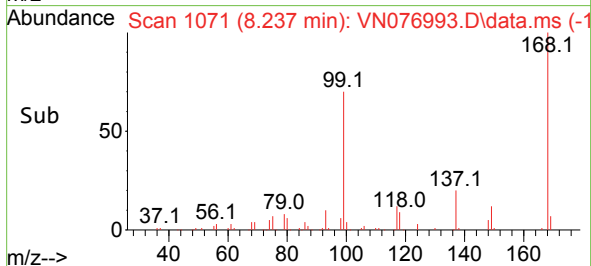
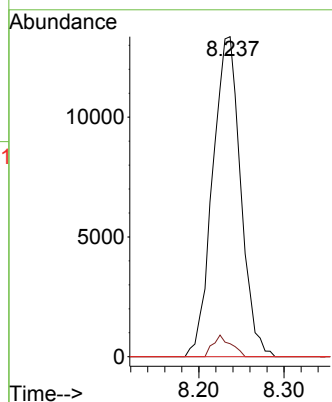
Tgt Ion:117 Resp: 30501

Ion Ratio Lower Upper

117 100

119 4.0 76.9 115.3#

121 0.0 23.2 34.8#



#42

1,2-Dichloroethane

Concen: 0.251 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. 0.011 min

Lab File: VN076993.D

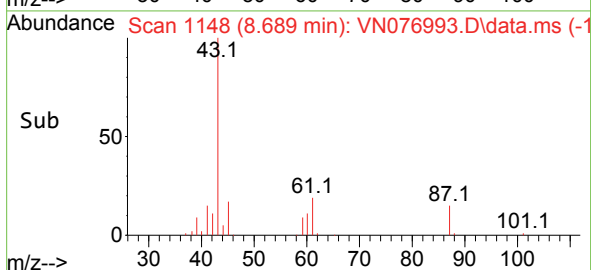
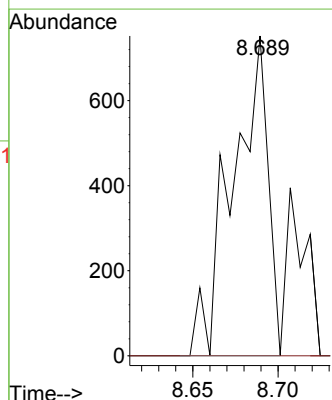
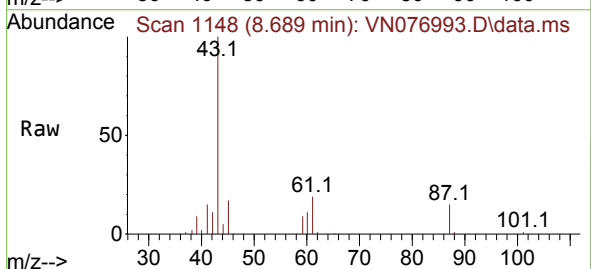
Acq: 14 Mar 2023 19:34

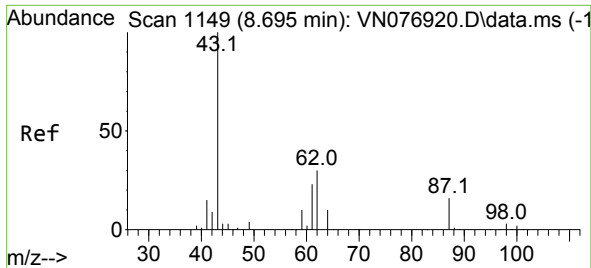
Tgt Ion: 62 Resp: 1089

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.8

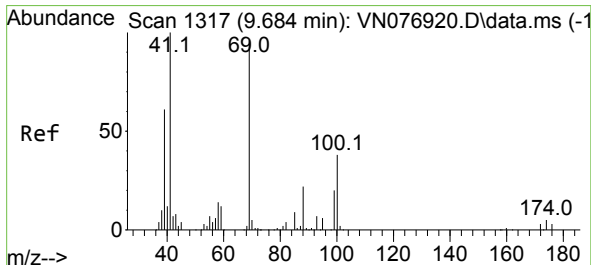
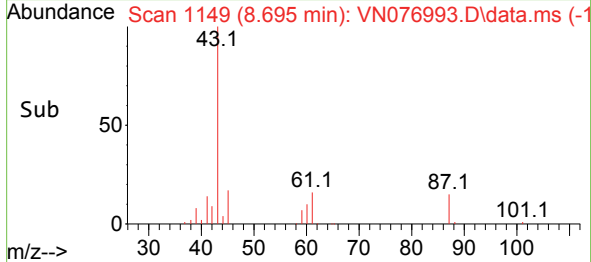
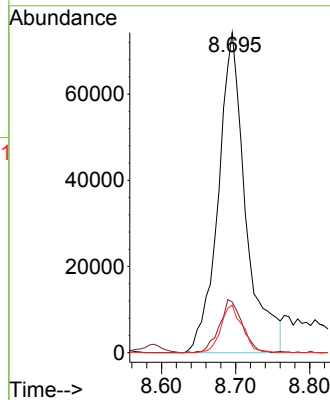
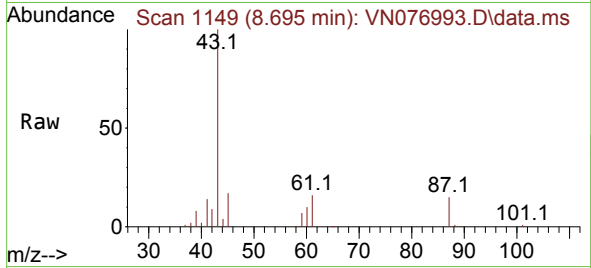




#43
Isopropyl Acetate
Concen: 35.853 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

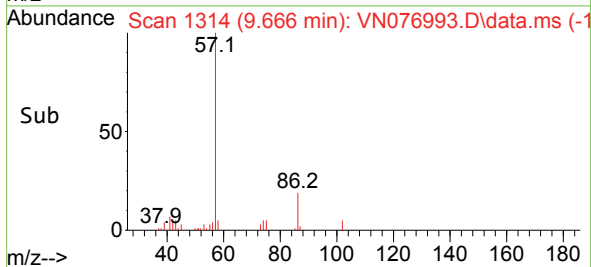
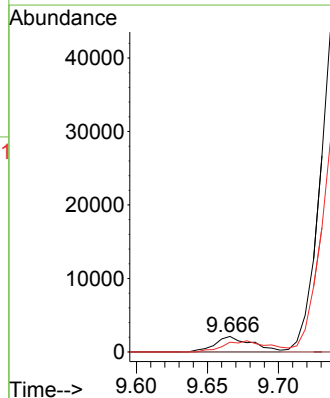
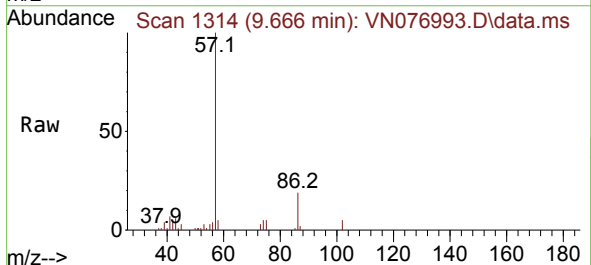
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-1

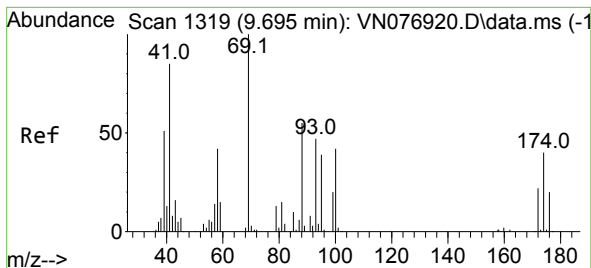
Tgt Ion: 43 Resp: 191303
Ion Ratio Lower Upper
43 100
61 13.8 26.2 39.2#
87 11.7 14.8 22.2#



#48
Methyl methacrylate
Concen: 1.478 ug/l
RT: 9.666 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

Tgt Ion: 41 Resp: 3863
Ion Ratio Lower Upper
41 100
69 0.0 92.6 139.0#
39 87.5 51.4 77.0#





#49

1,4-Dioxane

Concen: 4.505 ug/l

RT: 9.742 min Scan# 1327

Delta R.T. 0.047 min

Lab File: VN076993.D

Acq: 14 Mar 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

MAPLE-1

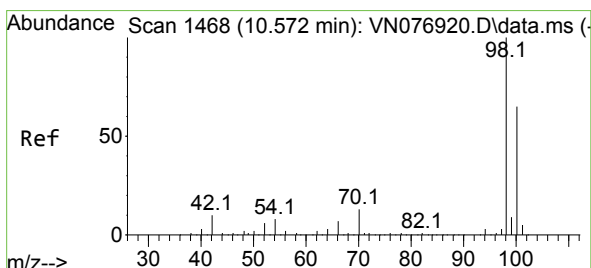
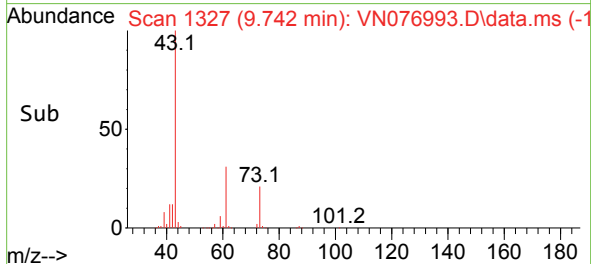
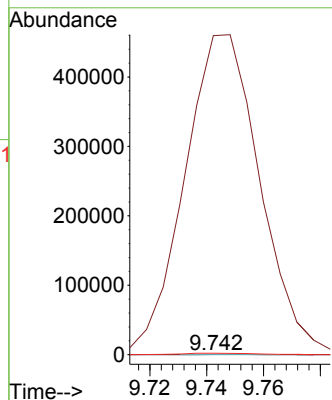
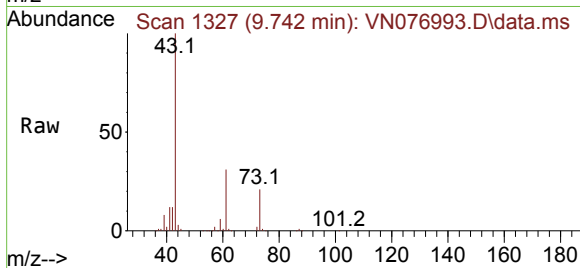
Tgt Ion: 88 Resp: 223

Ion Ratio Lower Upper

88 100

43 385230.0 15.3 22.9#

58 1759.2 47.6 71.4#



#50

Toluene-d8

Concen: 48.495 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076993.D

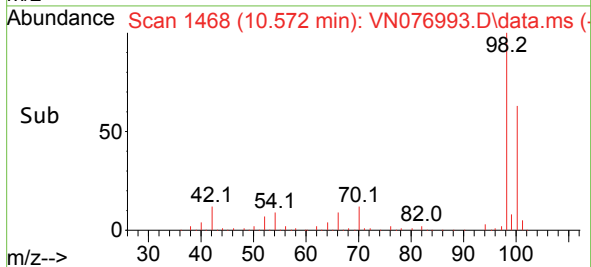
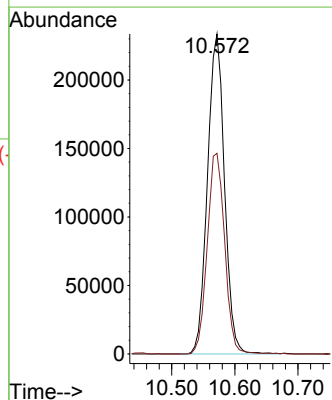
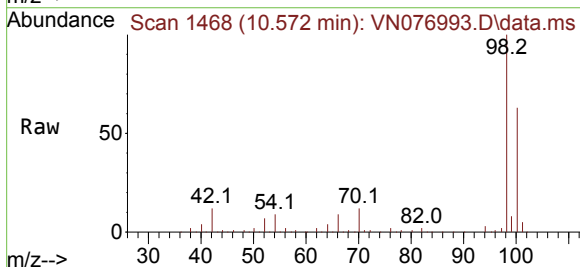
Acq: 14 Mar 2023 19:34

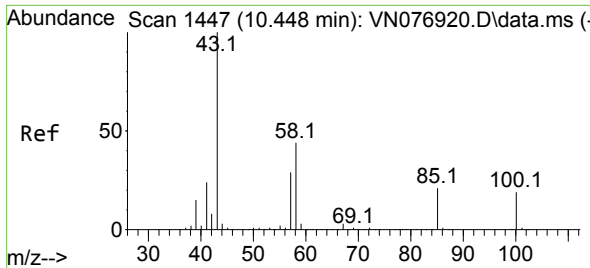
Tgt Ion: 98 Resp: 436770

Ion Ratio Lower Upper

98 100

100 64.3 52.8 79.2

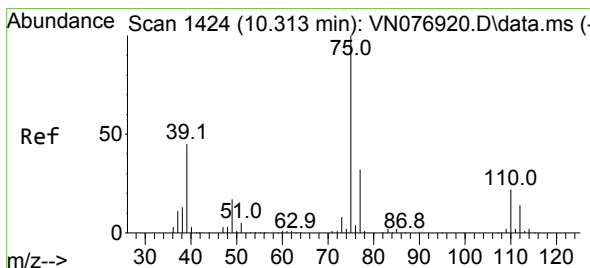
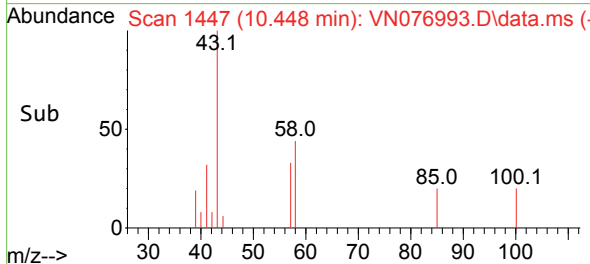
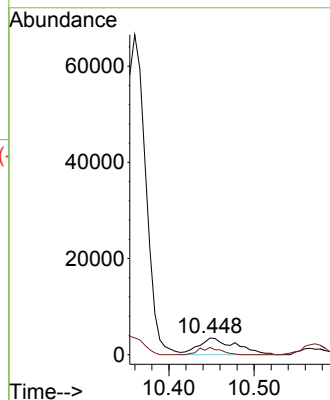
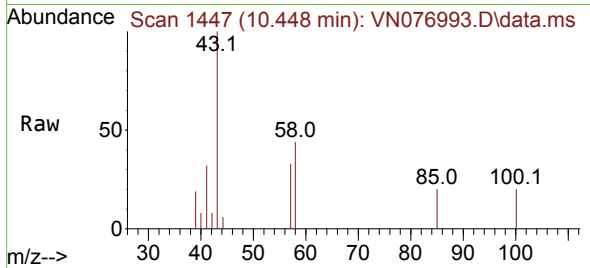




#51
4-Methyl-2-Pentanone
Concen: 3.295 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

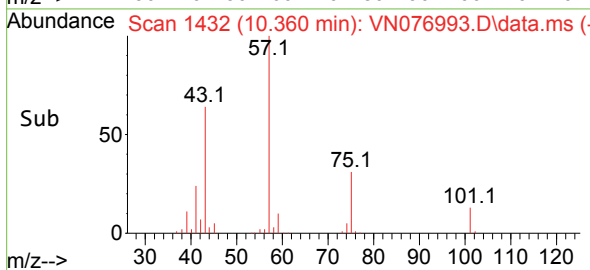
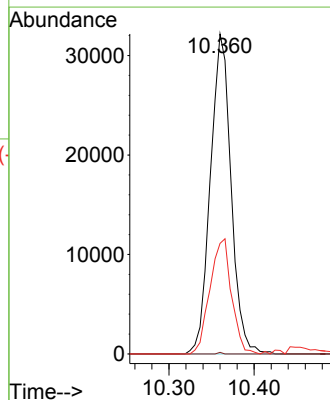
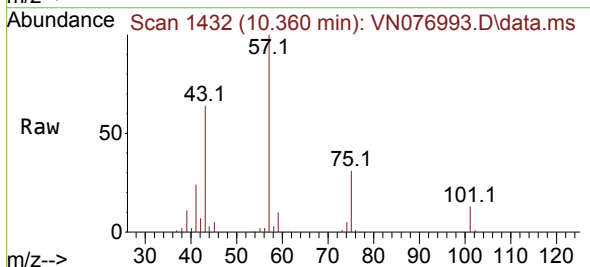
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-1

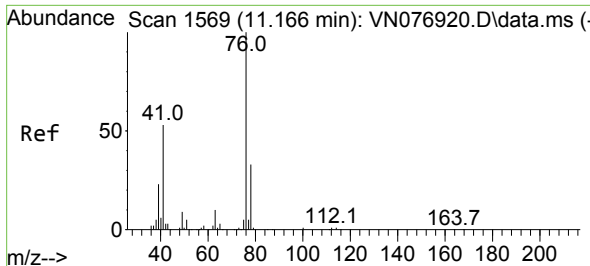
Tgt Ion: 43 Resp: 10562
Ion Ratio Lower Upper
43 100
58 24.9 37.4 56.0#



#54
cis-1,3-Dichloropropene
Concen: 12.203 ug/l
RT: 10.360 min Scan# 1432
Delta R.T. 0.047 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

Tgt Ion: 75 Resp: 54260
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 34.6 29.7 44.5

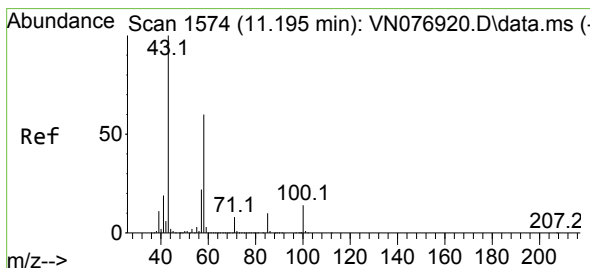
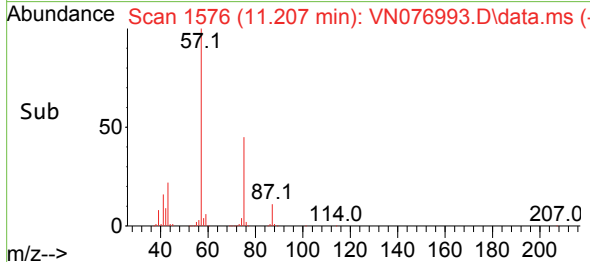
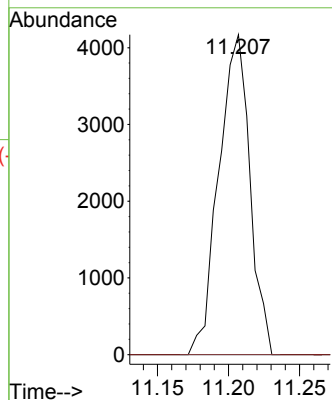
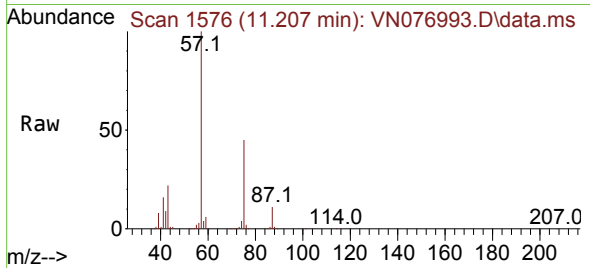




#57
1,3-Dichloropropane
Concen: 1.350 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.041 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

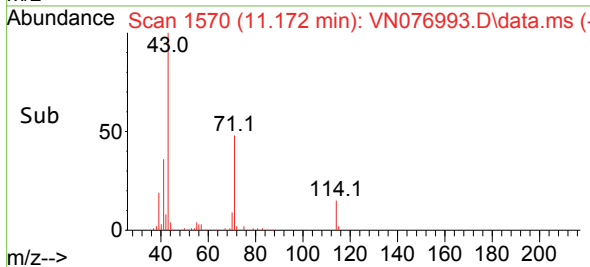
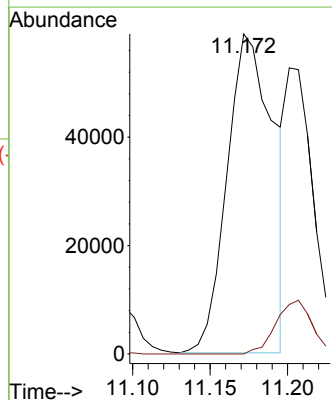
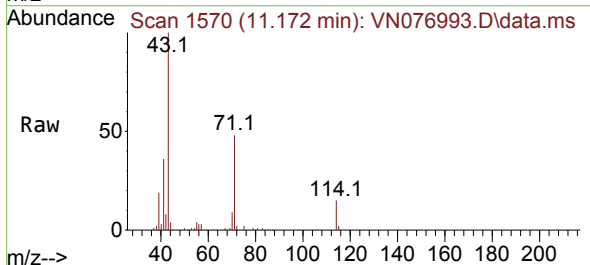
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-1

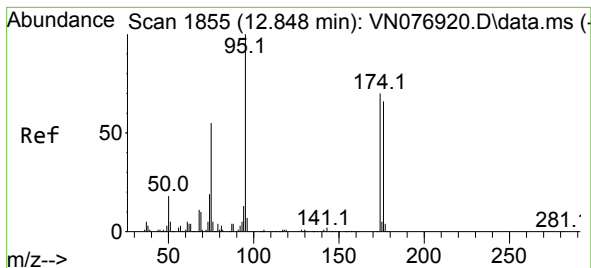
Tgt Ion: 76 Resp: 6349
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 52.207 ug/l
RT: 11.172 min Scan# 1570
Delta R.T. -0.023 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

Tgt Ion: 43 Resp: 122011
Ion Ratio Lower Upper
43 100
58 0.0 32.6 98.0#

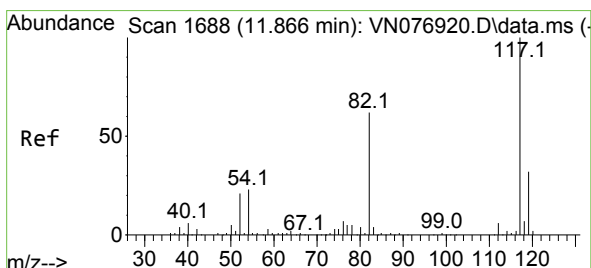
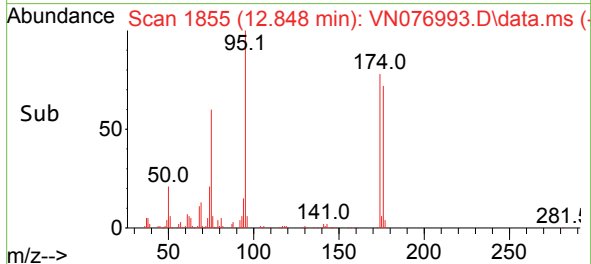
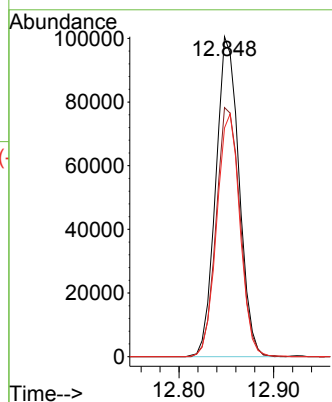
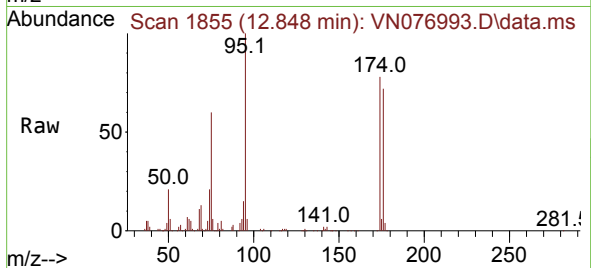




#62
4-Bromofluorobenzene
Concen: 52.090 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

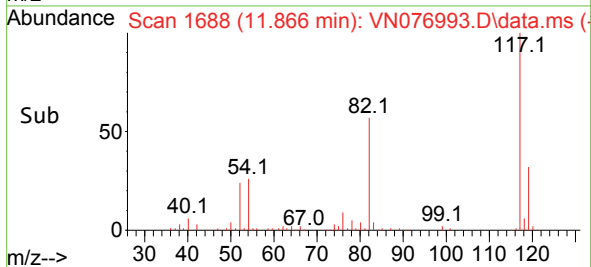
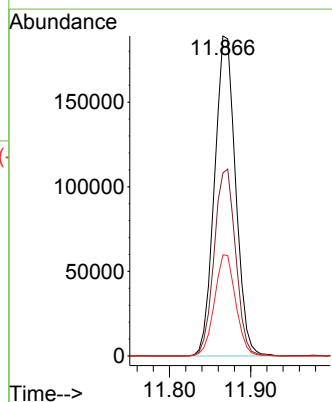
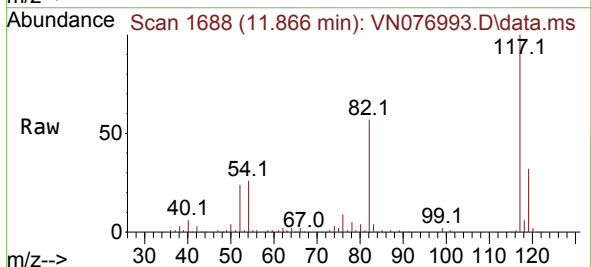
Instrument :
MSVOA_N
ClientSampleId :
MAPLE-1

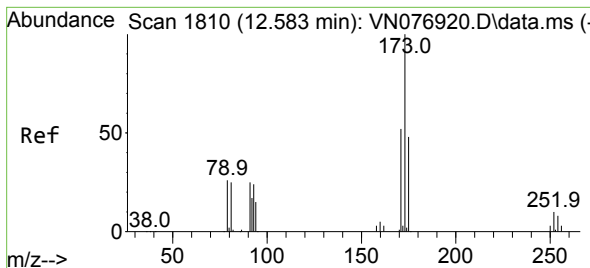
Tgt Ion: 95 Resp: 171602
Ion Ratio Lower Upper
95 100
174 79.7 0.0 162.4
176 75.8 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076993.D
Acq: 14 Mar 2023 19:34

Tgt Ion: 117 Resp: 341553
Ion Ratio Lower Upper
117 100
82 57.2 43.5 65.3
119 31.6 25.5 38.3





#71

Bromoform

Concen: 0.228 ug/l

RT: 12.854 min Scan# 1810

Delta R.T. 0.271 min

Lab File: VN076993.D

Acq: 14 Mar 2023 19:34

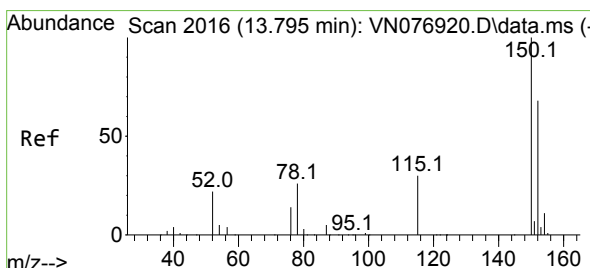
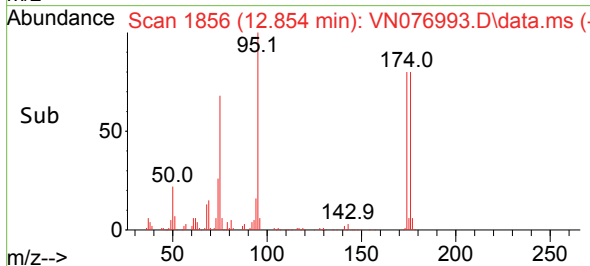
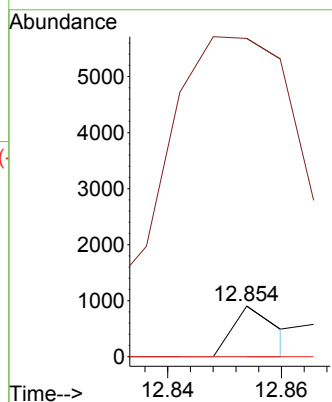
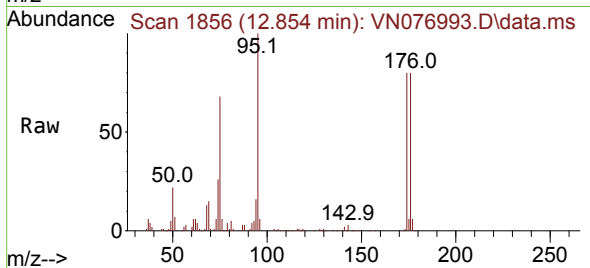
Instrument :

MSVOA_N

ClientSampleId :

MAPLE-1

Tgt Ion:173	Resp:	492
Ion Ratio	Lower	Upper
173	100	
175	1798.6	24.9 74.6#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

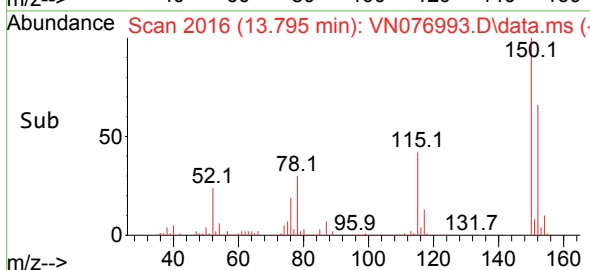
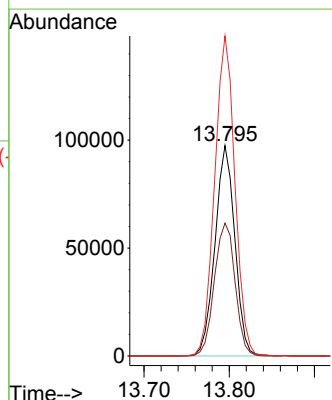
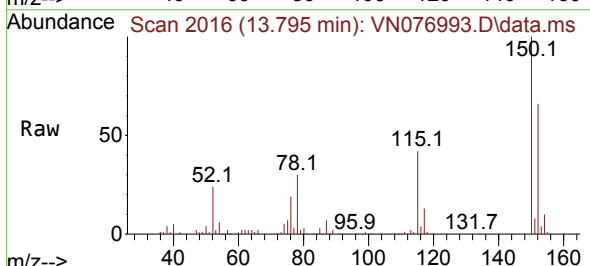
RT: 13.795 min Scan# 2016

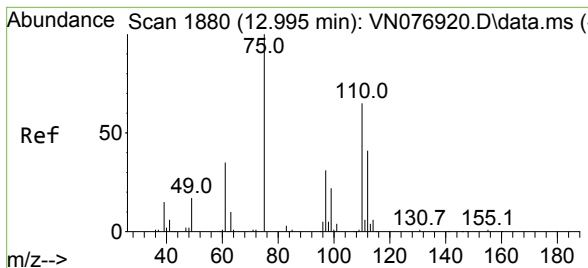
Delta R.T. 0.000 min

Lab File: VN076993.D

Acq: 14 Mar 2023 19:34

Tgt Ion:152	Resp:	157864
Ion Ratio	Lower	Upper
152	100	
115	65.7	30.3 90.9
150	154.9	0.0 353.6





#76

1,2,3-Trichloropropane

Concen: 27.947 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076993.D

Acq: 14 Mar 2023 19:34

Instrument :

MSVOA_N

ClientSampleId :

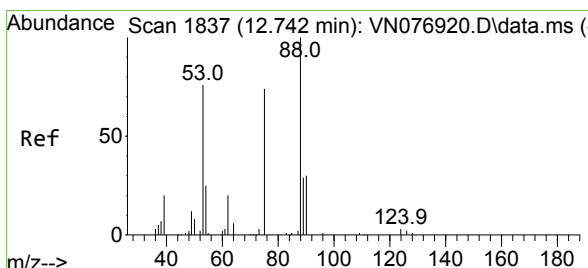
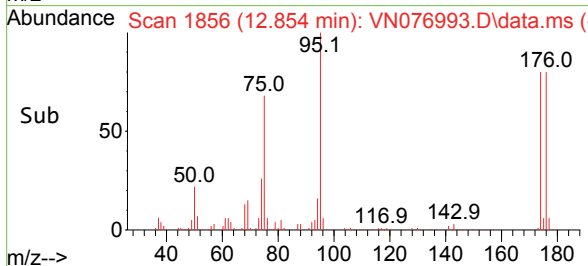
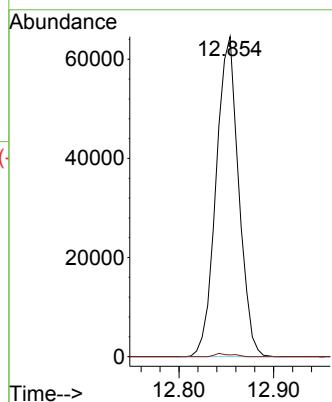
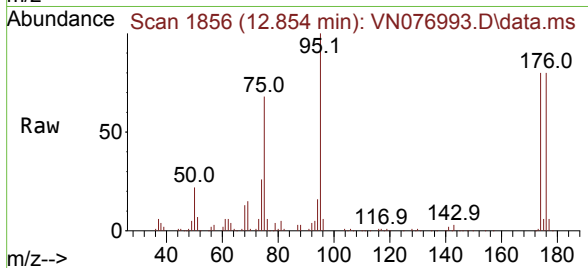
MAPLE-1

Tgt Ion: 75 Resp: 106963

Ion Ratio Lower Upper

75 100

77 0.8 93.8 281.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.290 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.112 min

Lab File: VN076993.D

Acq: 14 Mar 2023 19:34

Tgt Ion: 75 Resp: 106963

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.0 39.5 59.3#

