

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076320.D
 Acq On : 19 Jan 2023 14:07
 Operator : JC\MD
 Sample : 01221-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-0118

Quant Time: Jan 20 00:55:51 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	8.235	168	465117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	718785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	618357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	289831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	235990	45.314	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.620%		
35) Dibromofluoromethane	8.177	113	213685	47.525	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.040%		
50) Toluene-d8	10.571	98	819353	49.343	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.853	95	270034	49.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.620%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.542	59	76501	109.823	ug/l	99
14) Allyl chloride	4.959	41	2498	0.481	ug/l #	21
15) Acrylonitrile	5.812	53	2810	1.418	ug/l #	47
16) Acetone	4.447	43	188346	112.777	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	273336	18.847	ug/l #	85
20) Methylene Chloride	5.294	84	795	Below Cal	#	56
25) 2-Butanone	7.488	43	27083	10.622	ug/l #	84
29) Tetrahydrofuran	7.859	42	875	0.556	ug/l #	53
30) Chloroform	7.935	83	3131	0.347	ug/l #	18
31) Cyclohexane	8.265	56	32066	4.008	ug/l #	93
36) 1,1-Dichloropropene	8.235	75	33448	5.235	ug/l #	48
37) Ethyl Acetate	7.488	43	27380	5.375	ug/l #	67
38) Carbon Tetrachloride	8.230	117	44874	6.298	ug/l #	17
39) Methylcyclohexane	9.606	83	40863	5.237	ug/l	96
40) Benzene	8.612	78	13445	0.704	ug/l	99
42) 1,2-Dichloroethane	8.677	62	3192	0.488	ug/l	89
43) Isopropyl Acetate	8.718	43	3953	0.474	ug/l #	51
45) 1,2-Dichloropropane	9.612	63	1054	0.230	ug/l #	29
47) Bromodichloromethane	9.882	83	2536	0.379	ug/l #	25
48) Methyl methacrylate	9.729	41	1112	0.282	ug/l #	25
51) 4-Methyl-2-Pentanone	10.447	43	14009	2.862	ug/l	99
52) Toluene	10.629	92	76758	6.008	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	14568	2.983	ug/l #	21
59) 2-Hexanone	11.065	43	22087	6.228	ug/l	69
67) Ethyl Benzene	11.965	91	1403646	62.743	ug/l	99
68) m/p-Xylenes	12.076	106	464665	51.799	ug/l	100
69) o-Xylene	12.400	106	489271	55.540	ug/l	98
70) Styrene	12.406	104	38274	2.721	ug/l #	1
71) Bromoform	12.847	173	2169	0.618	ug/l #	1
73) Isopropylbenzene	12.700	105	212817	9.492	ug/l	99
74) N-amyl acetate	12.465	43	6446	0.999	ug/l #	50
76) 1,2,3-Trichloropropane	13.135	75	4884	Below Cal	#	1
78) n-propylbenzene	13.035	91	561499	22.195	ug/l	100
79) 2-Chlorotoluene	13.129	91	55323	3.564	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.135	105	490485	26.112	ug/l	68
81) trans-1,4-Dichloro-2-b...	12.853	75	140005	80.372	ug/l #	12

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

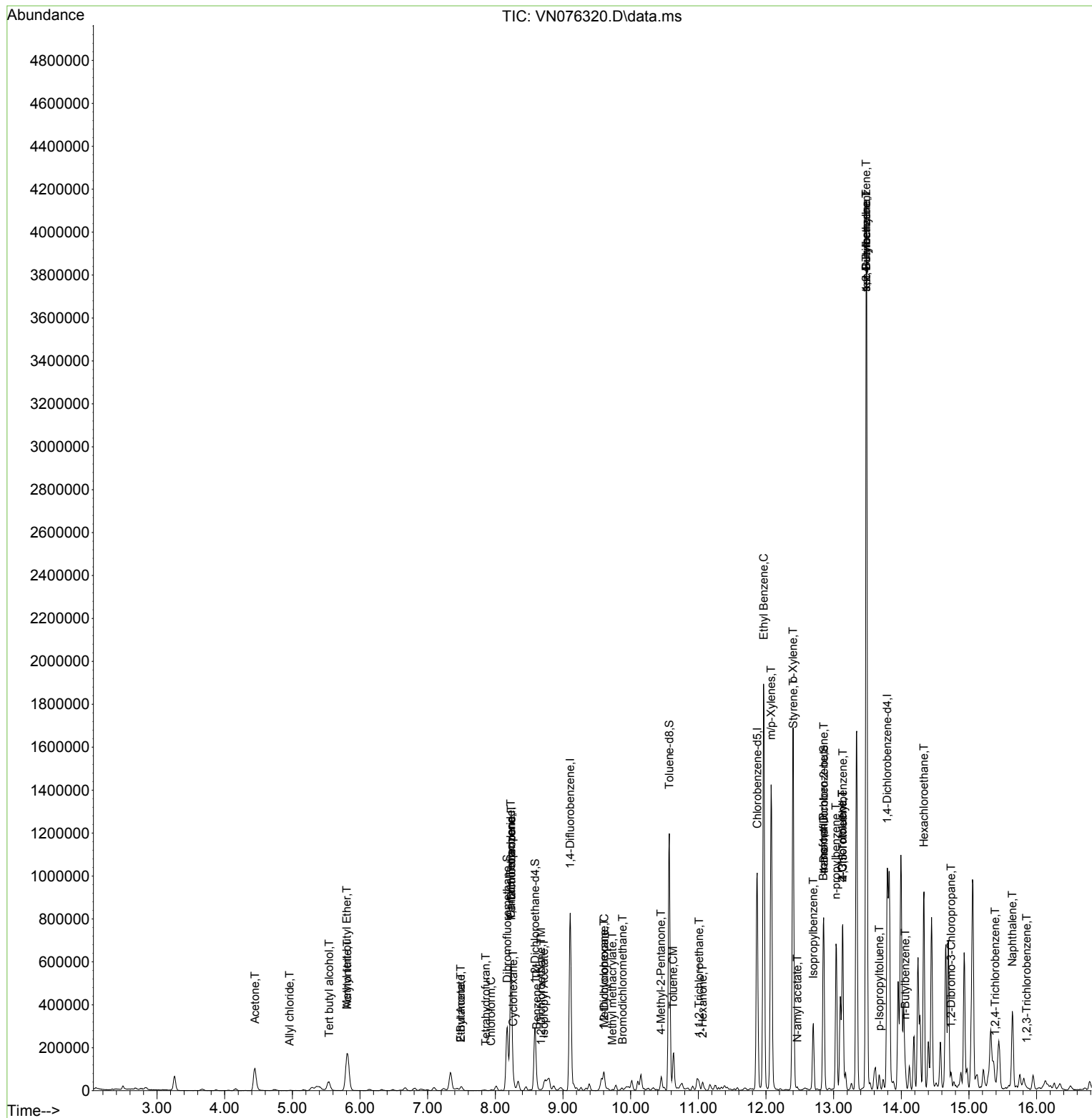
82) 4-Chlorotoluene	13.129	91	55323	3.564	ug/l #	40
83) tert-Butylbenzene	13.482	119	299023	17.899	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.482	105	2437431	129.409	ug/l	100
85) sec-Butylbenzene	13.482	105	2436410	105.101	ug/l #	56
86) p-Isopropyltoluene	13.676	119	38744	2.032	ug/l	97
89) n-Butylbenzene	14.059	91	72324	4.779	ug/l #	72
90) Hexachloroethane	14.335	117	51604	15.685	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.735	75	283	0.253	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.388	180	384	1.379	ug/l #	1
95) Naphthalene	15.641	128	348407	24.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.853	180	55	1.165	ug/l #	1

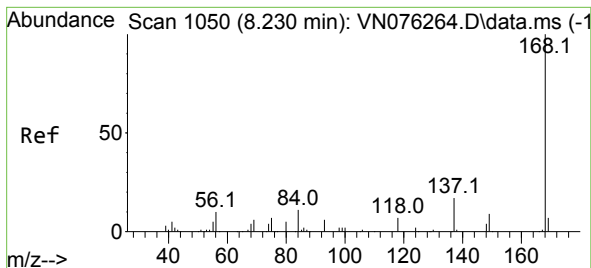
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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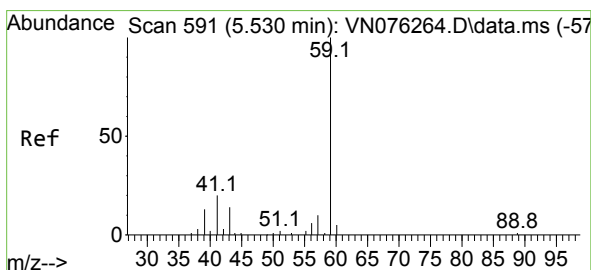
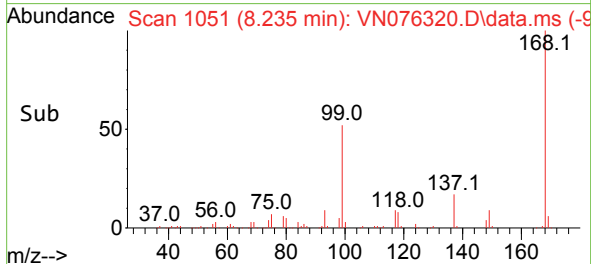
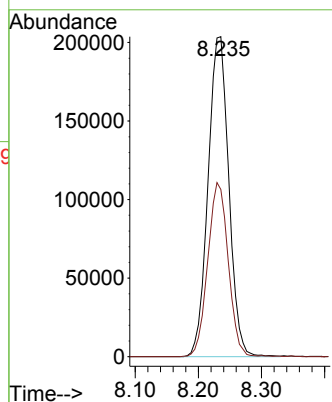
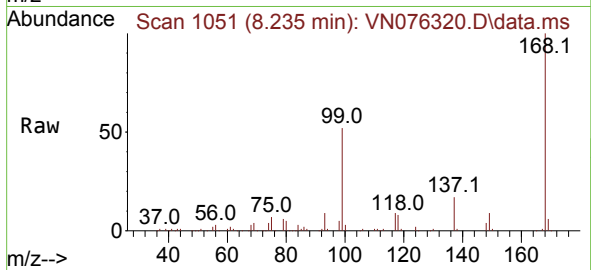




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

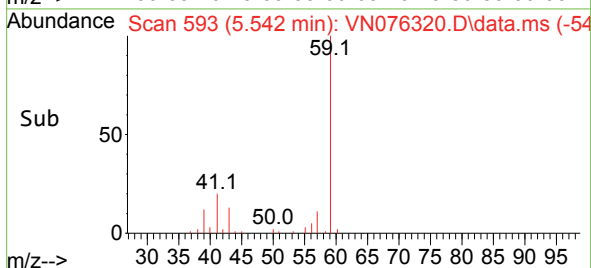
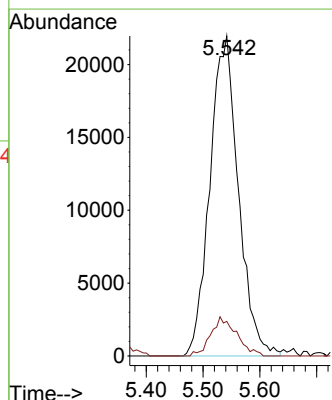
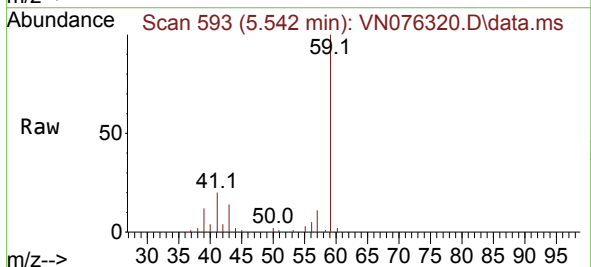
Instrument :
MSVOA_N
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MW-12-0118

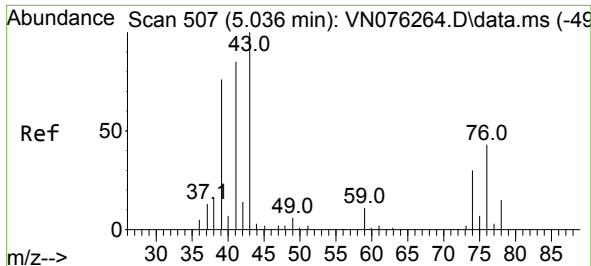
Tgt Ion:168 Resp: 465117
Ion Ratio Lower Upper
168 100
99 52.3 41.6 62.4



#11
Tert butyl alcohol
Concen: 109.823 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.011 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 59 Resp: 76501
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7

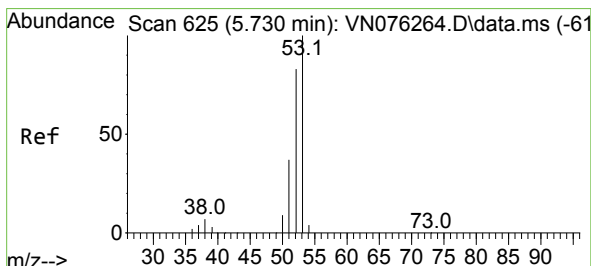
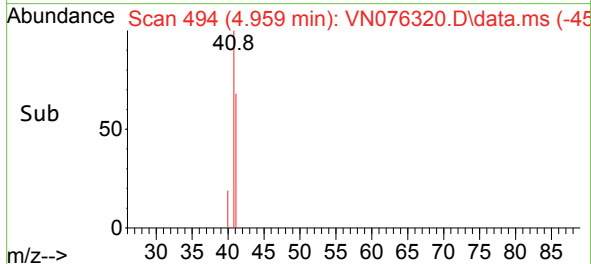
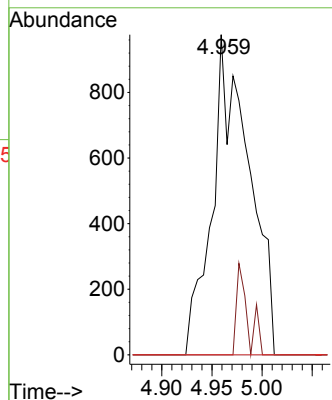
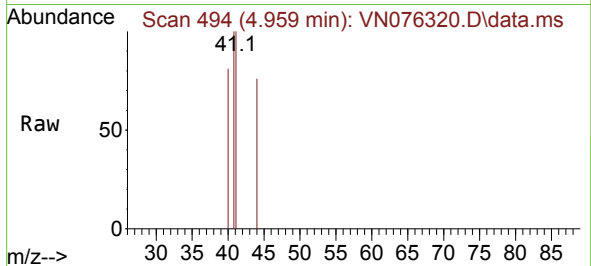




#14
 Allyl chloride
 Concen: 0.481 ug/l
 RT: 4.959 min Scan# 494
 Delta R.T. -0.077 min
 Lab File: VN076320.D
 Acq: 19 Jan 2023 14:07

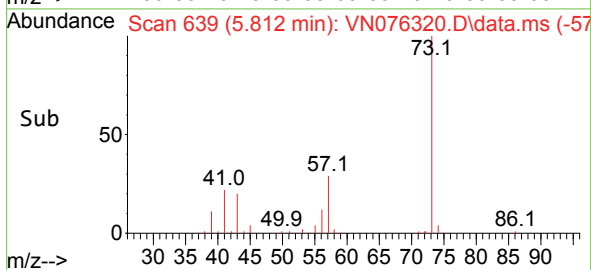
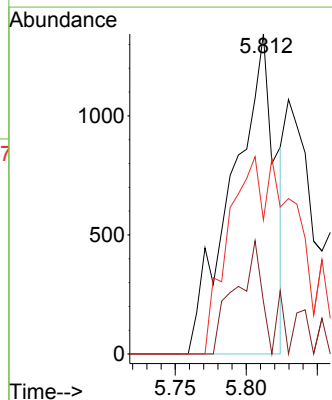
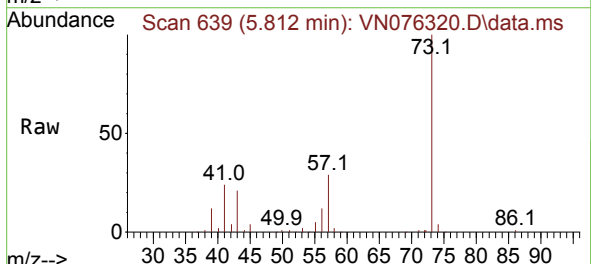
Instrument :
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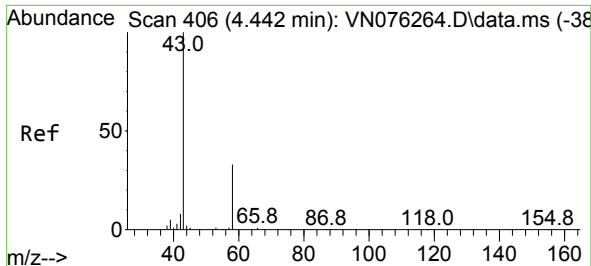
Tgt Ion: 41 Resp: 2498
 Ion Ratio Lower Upper
 41 100
 39 8.6 67.4 101.0#
 76 0.0 39.8 59.8#



#15
 Acrylonitrile
 Concen: 1.418 ug/l
 RT: 5.812 min Scan# 639
 Delta R.T. 0.082 min
 Lab File: VN076320.D
 Acq: 19 Jan 2023 14:07

Tgt Ion: 53 Resp: 2810
 Ion Ratio Lower Upper
 53 100
 52 21.7 64.7 97.1#
 51 50.7 29.2 43.8#

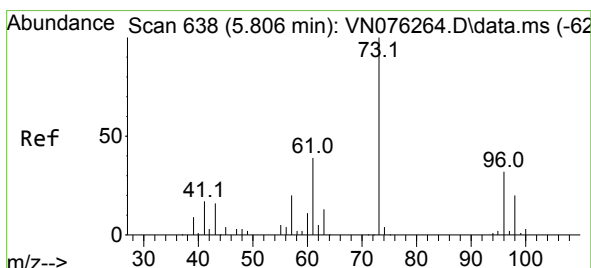
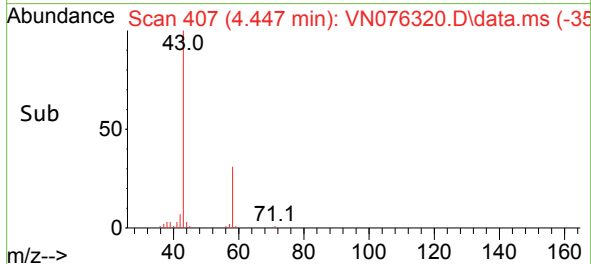
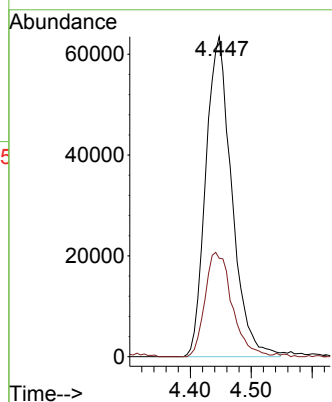
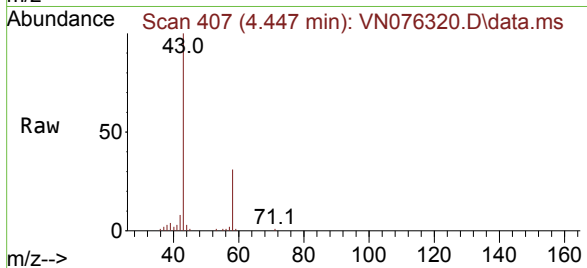




#16
Acetone
Concen: 112.777 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

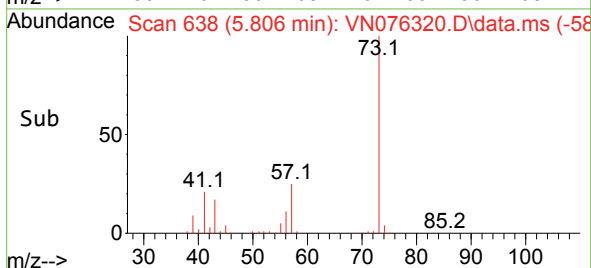
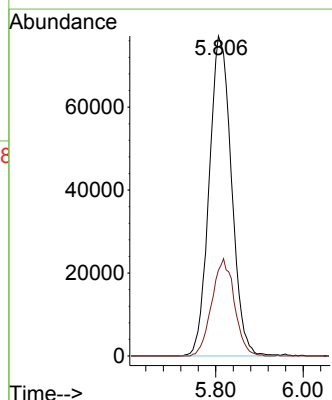
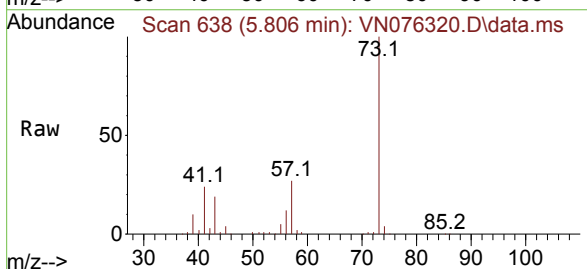
Instrument :
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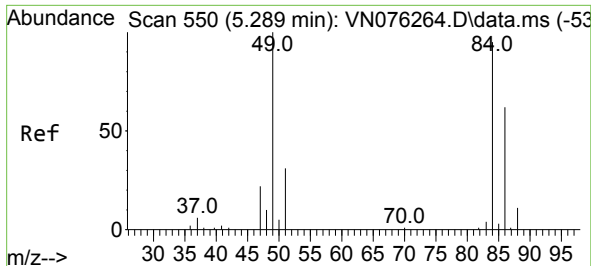
Tgt Ion: 43 Resp: 188346
Ion Ratio Lower Upper
43 100
58 30.8 26.7 40.1



#19
Methyl tert-butyl Ether
Concen: 18.847 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 73 Resp: 273336
Ion Ratio Lower Upper
73 100
57 26.8 15.9 23.9#

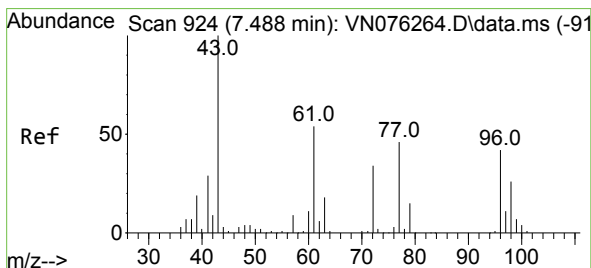
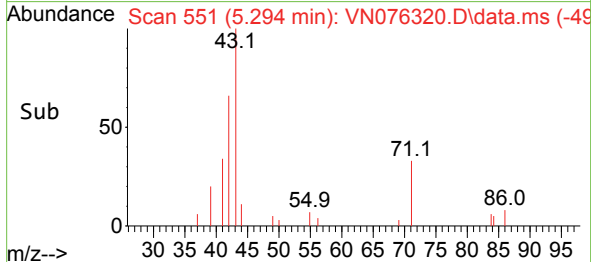
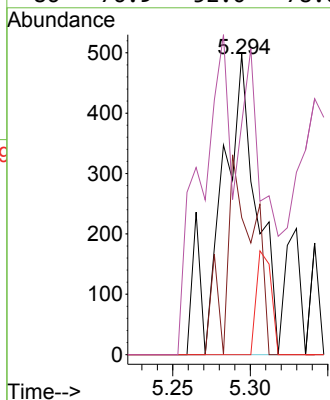
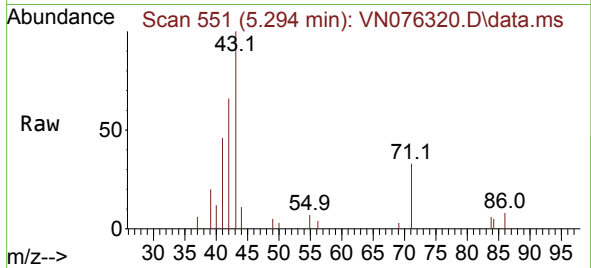




#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

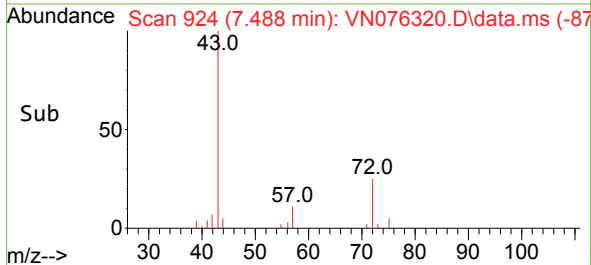
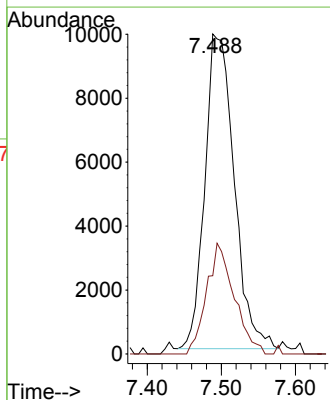
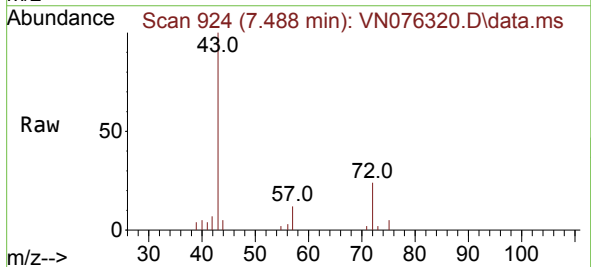
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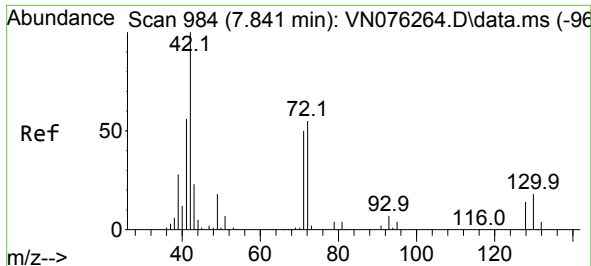
Tgt Ion: 84	Resp: 795
Ion Ratio	Lower Upper
84 100	
49 45.6	84.5 126.7#
51 0.0	26.0 39.0#
86 76.9	52.0 78.0



#25
2-Butanone
Concen: 10.622 ug/l
RT: 7.488 min Scan# 924
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 43	Resp: 27083
Ion Ratio	Lower Upper
43 100	
72 24.9	27.4 41.2#





#29

Tetrahydrofuran

Concen: 0.556 ug/l

RT: 7.859 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

MW-12-0118

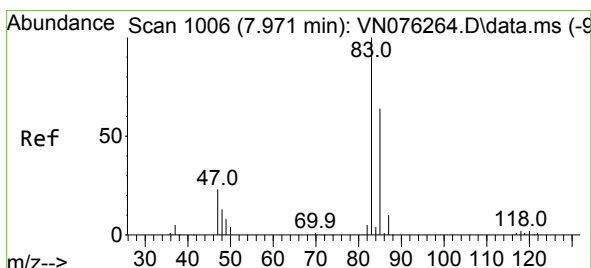
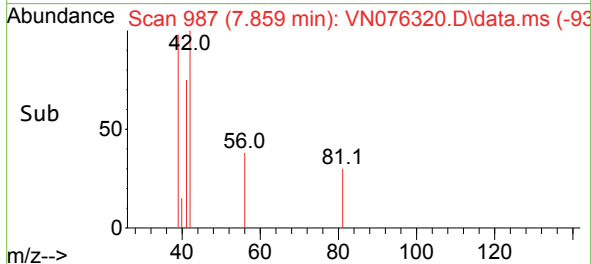
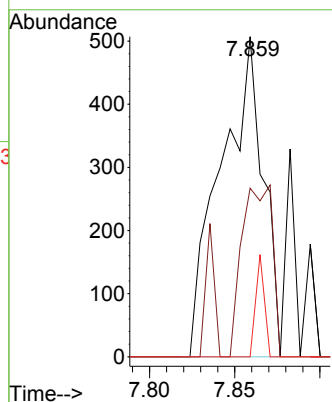
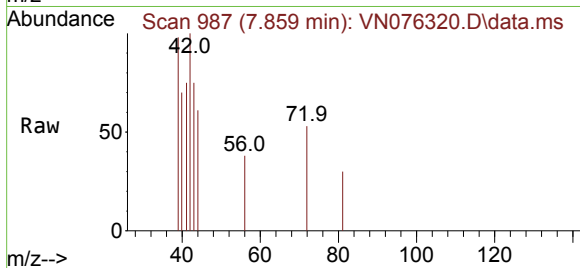
Tgt Ion: 42 Resp: 875

Ion Ratio Lower Upper

42 100

72 38.7 44.0 66.0#

71 0.0 41.1 61.7#



#30

Chloroform

Concen: 0.347 ug/l

RT: 7.935 min Scan# 1000

Delta R.T. -0.036 min

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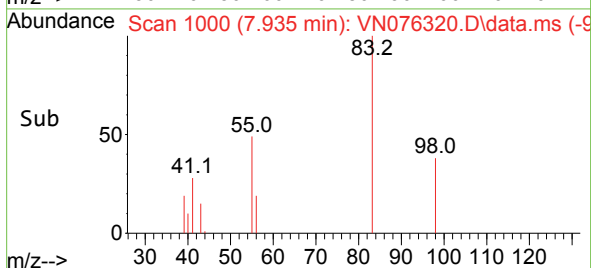
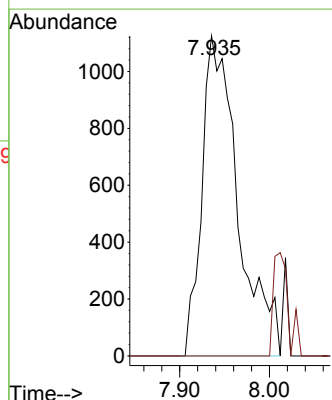
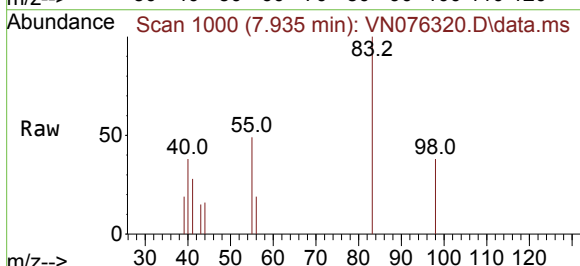
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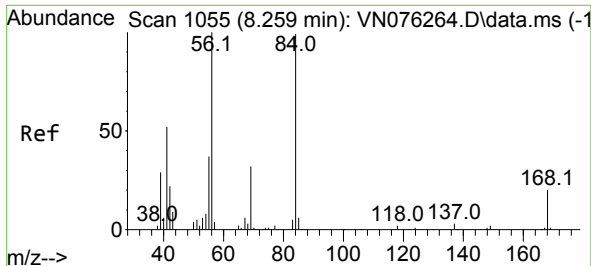
Tgt Ion: 83 Resp: 3131

Ion Ratio Lower Upper

83 100

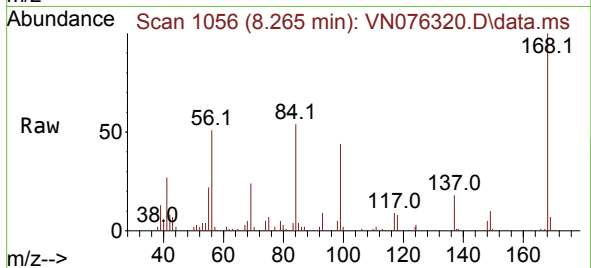
85 0.0 51.0 76.6#



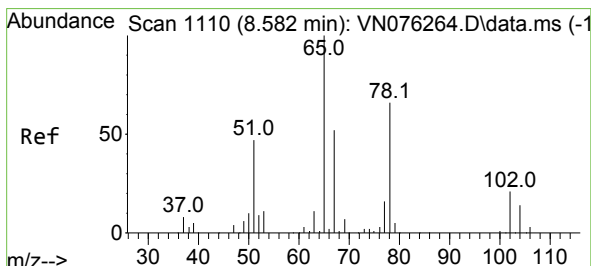
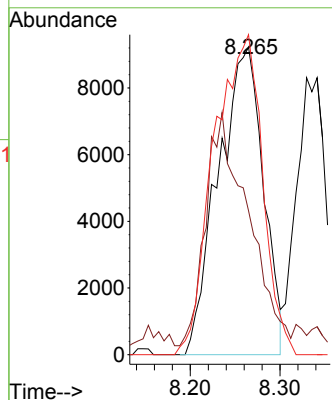
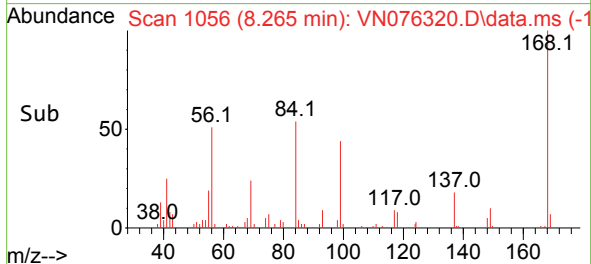


#31
Cyclohexane
Concen: 4.008 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.006 min
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Acq: 19 Jan 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

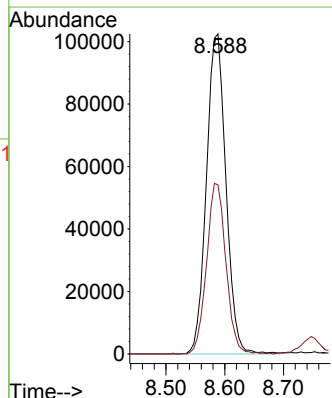
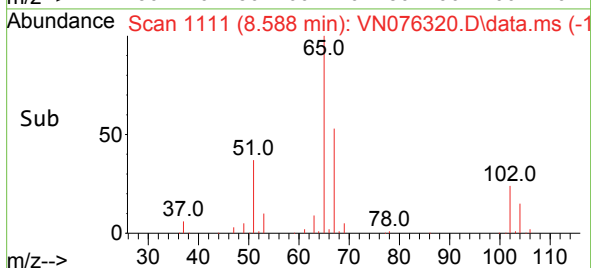
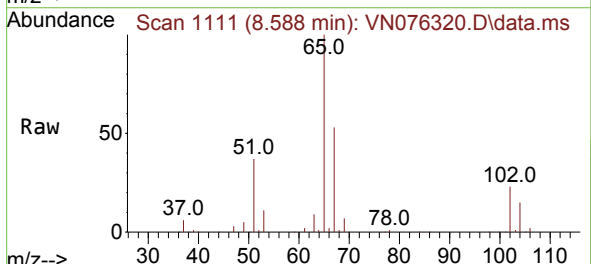


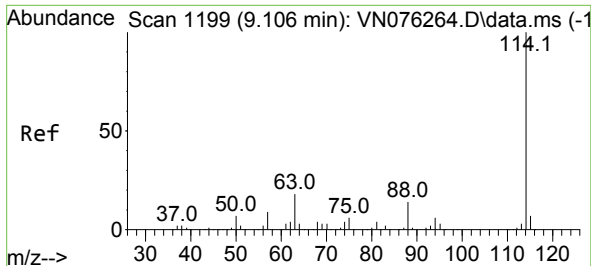
Tgt Ion: 56 Resp: 32066
Ion Ratio Lower Upper
56 100
69 43.9 25.8 38.8#
84 101.5 79.0 118.4



#33
1,2-Dichloroethane-d4
Concen: 45.314 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 65 Resp: 235990
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.6

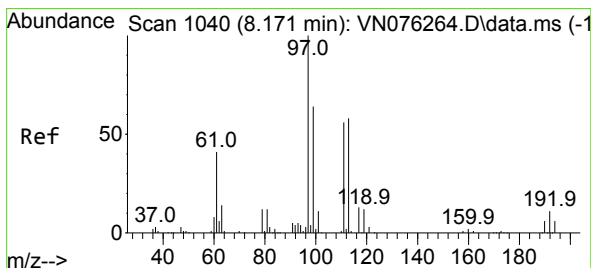
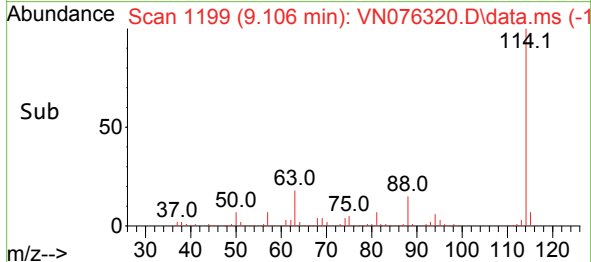
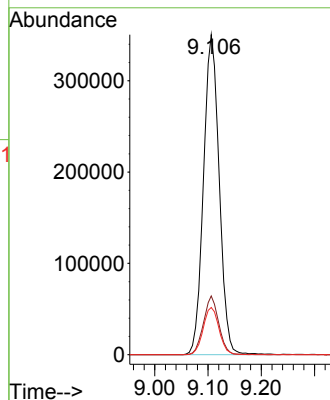
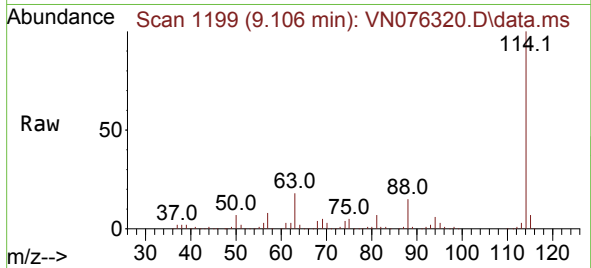




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

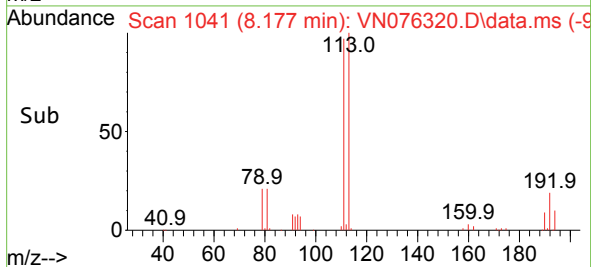
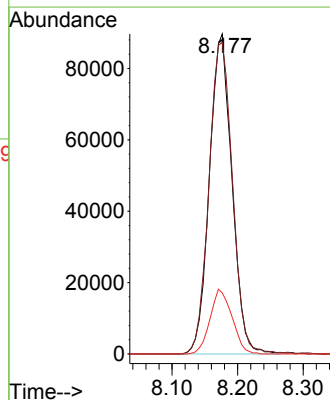
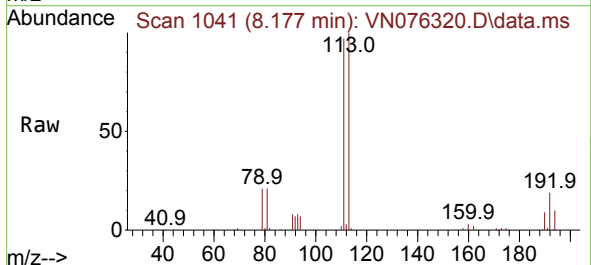
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

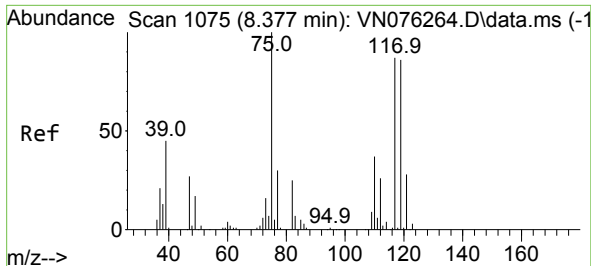
Tgt Ion:114 Resp: 718785
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.8
88 14.8 0.0 28.0



#35
Dibromofluoromethane
Concen: 47.525 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion:113 Resp: 213685
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 19.8 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.235 ug/l

RT: 8.235 min Scan# 1075

Delta R.T. -0.142 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

MW-12-0118

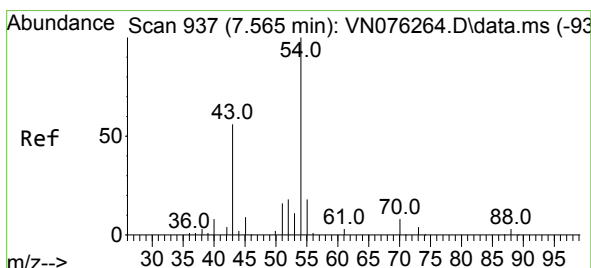
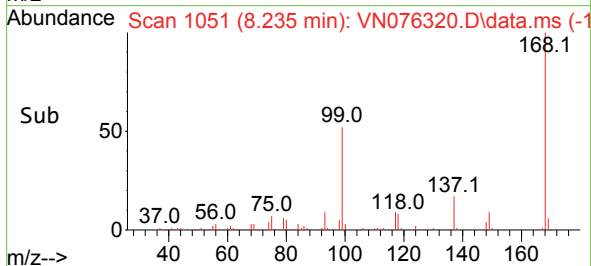
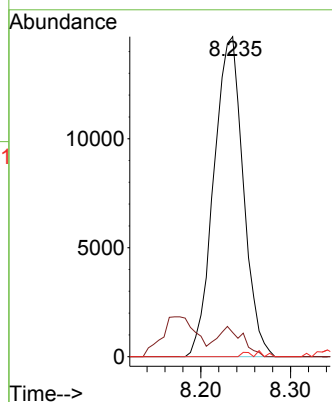
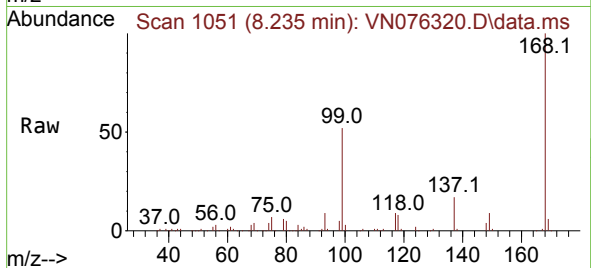
Tgt Ion: 75 Resp: 33448

Ion Ratio Lower Upper

75 100

110 8.4 18.8 56.3#

77 0.4 25.0 37.4#



#37

Ethyl Acetate

Concen: 5.375 ug/l

RT: 7.488 min Scan# 924

Delta R.T. -0.077 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

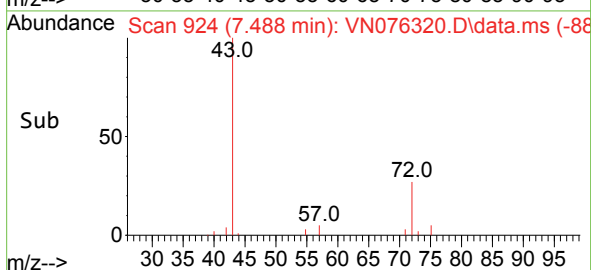
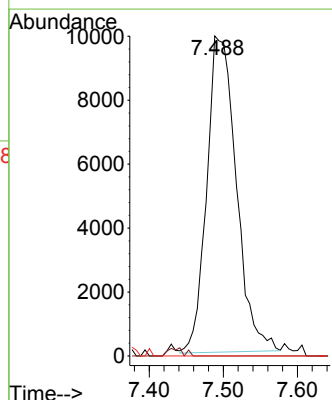
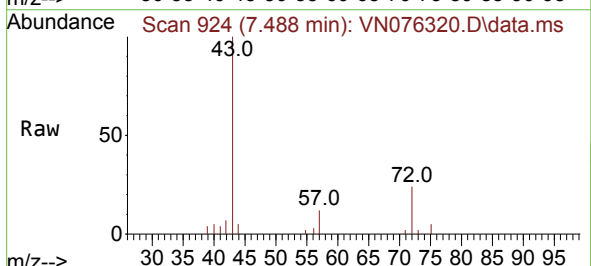
Tgt Ion: 43 Resp: 27380

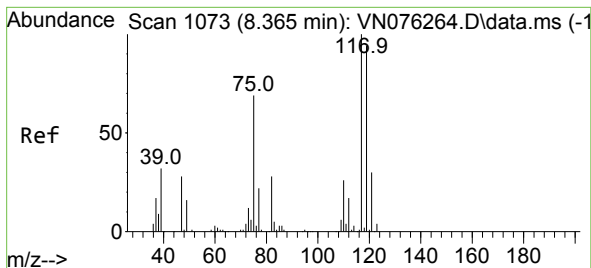
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 6.298 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

MW-12-0118

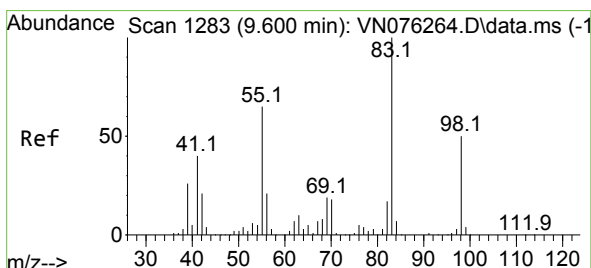
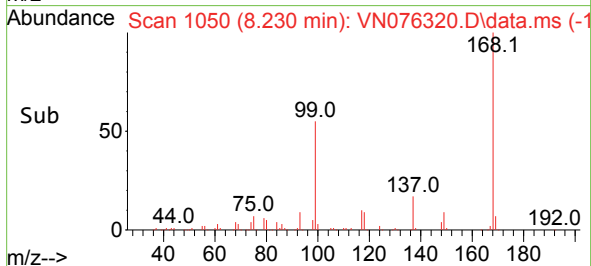
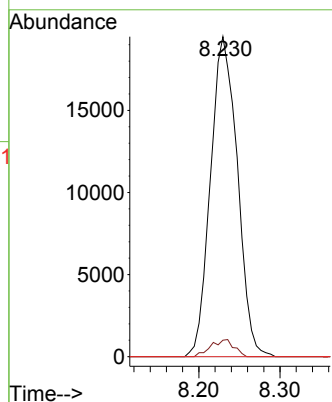
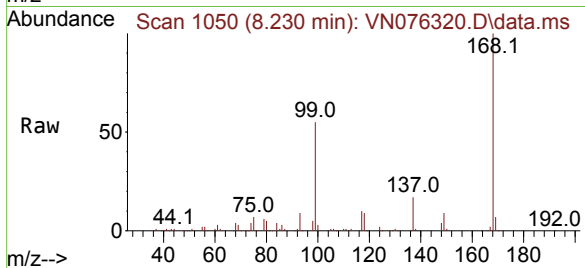
Tgt Ion:117 Resp: 44874

Ion Ratio Lower Upper

117 100

119 5.1 75.4 113.0#

121 0.0 24.2 36.2#



#39

Methylcyclohexane

Concen: 5.237 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

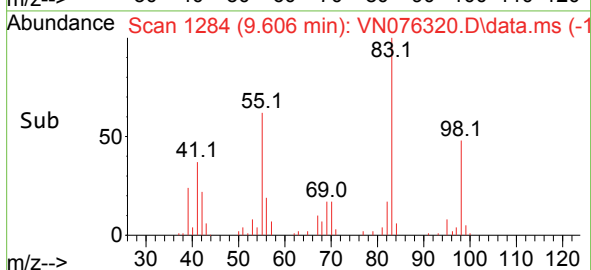
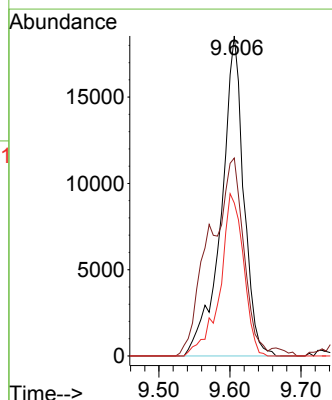
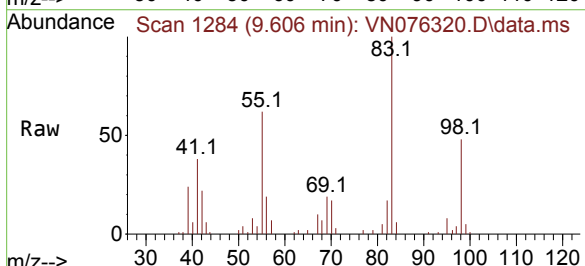
Tgt Ion: 83 Resp: 40863

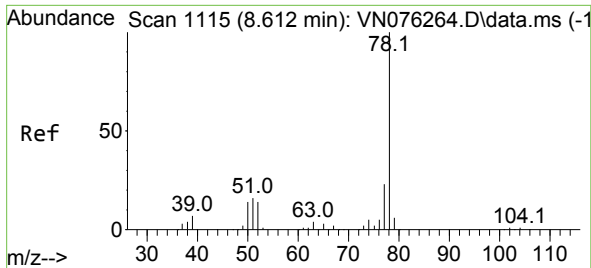
Ion Ratio Lower Upper

83 100

55 60.9 51.7 77.5

98 47.8 40.0 60.0

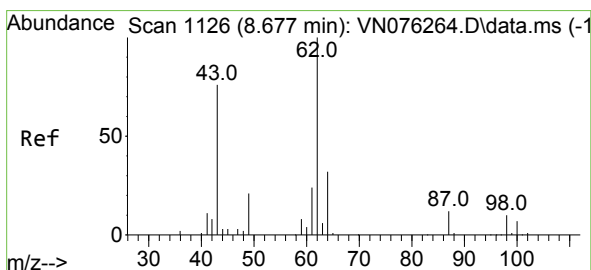
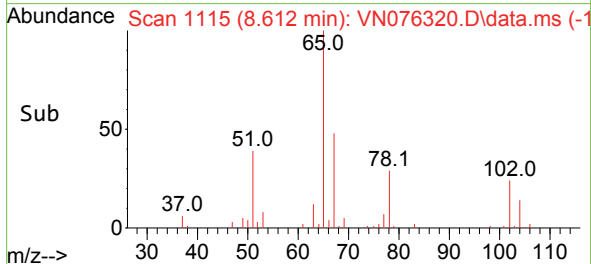
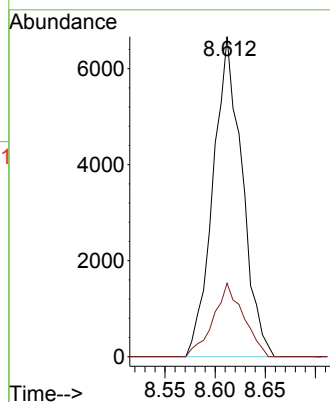
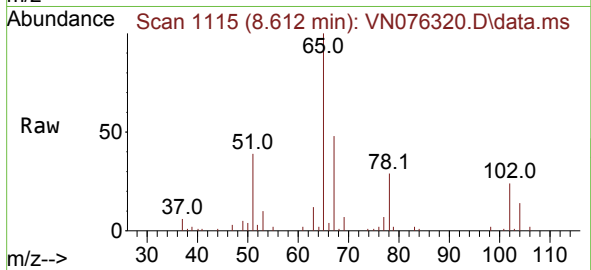




#40
Benzene
Concen: 0.704 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

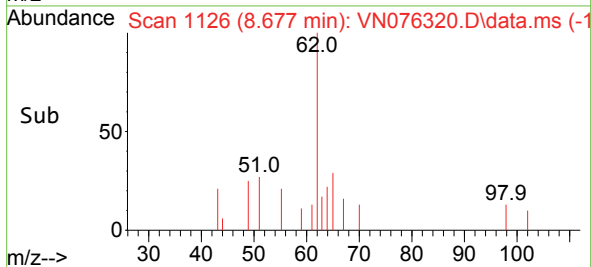
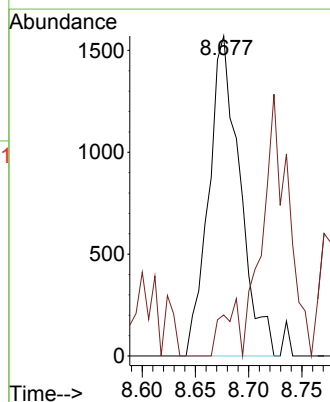
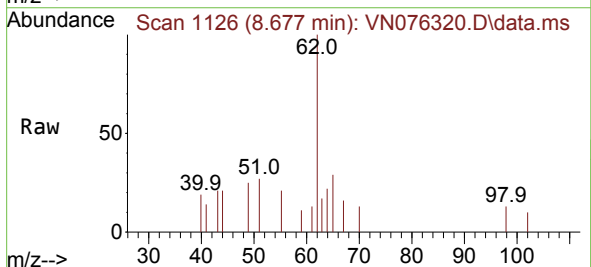
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

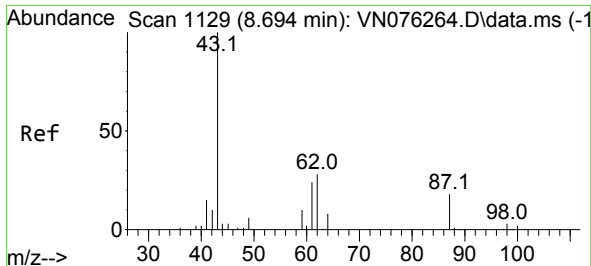
Tgt Ion: 78 Resp: 13445
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0



#42
1,2-Dichloroethane
Concen: 0.488 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 62 Resp: 3192
Ion Ratio Lower Upper
62 100
98 6.0 0.0 20.4

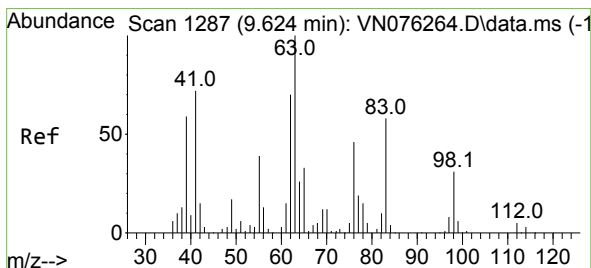
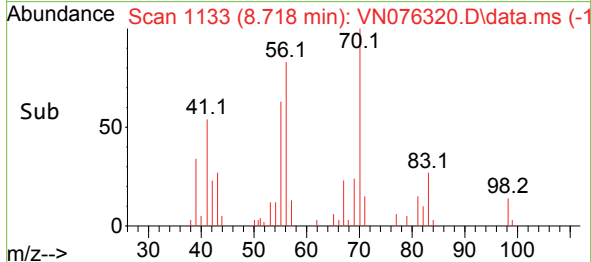
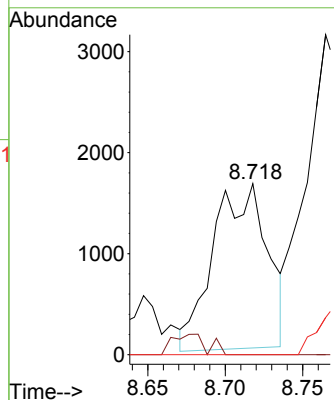
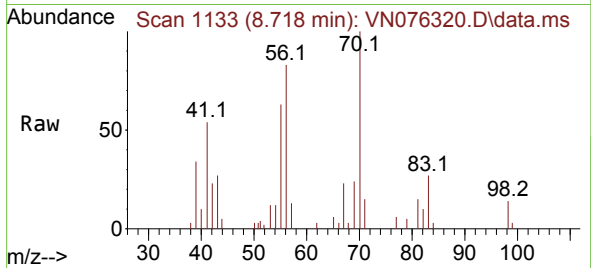




#43
Isopropyl Acetate
Concen: 0.474 ug/l
RT: 8.718 min Scan# 1133
Delta R.T. 0.024 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

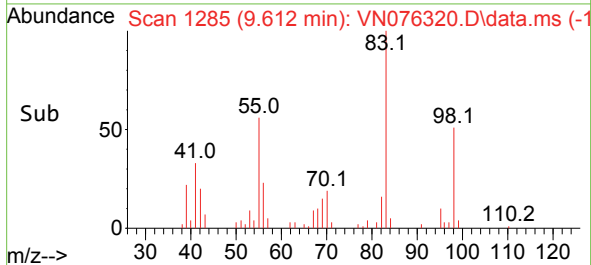
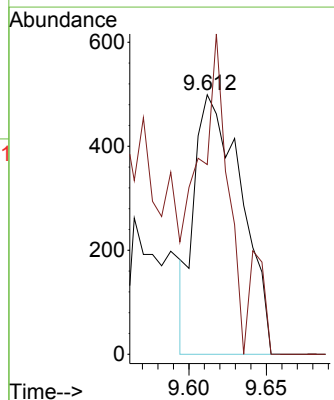
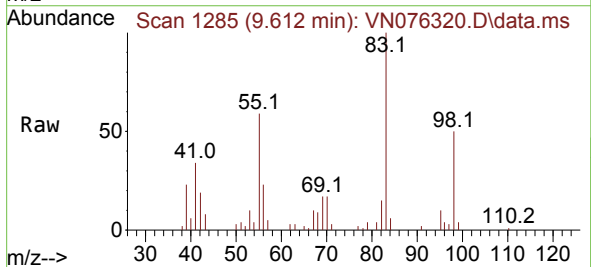
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

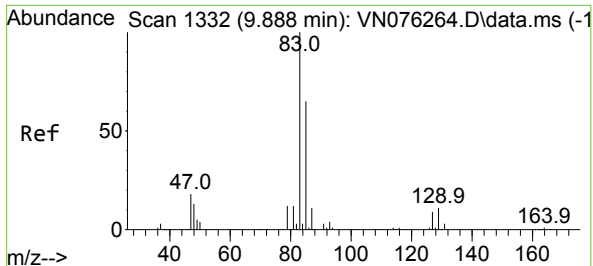
Tgt Ion: 43 Resp: 3953
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 0.0 13.8 20.6#



#45
1,2-Dichloropropane
Concen: 0.230 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. -0.012 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 63 Resp: 1054
Ion Ratio Lower Upper
63 100
65 73.1 26.4 39.6#





#47

Bromodichloromethane

Concen: 0.379 ug/l

RT: 9.882 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

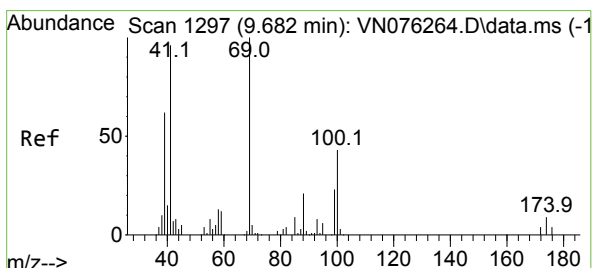
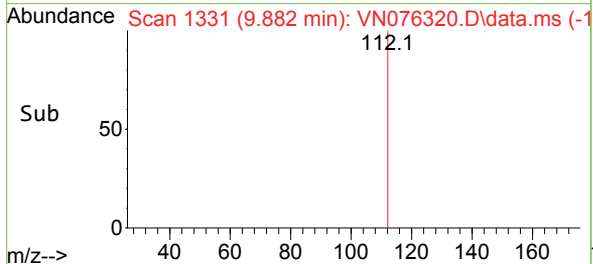
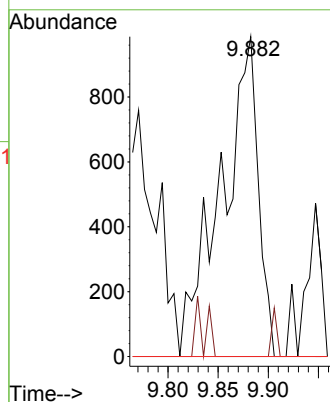
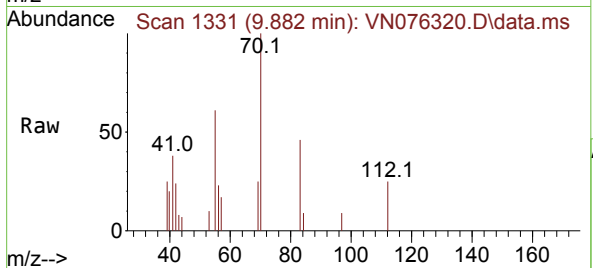
Instrument :

MSVOA_N

ClientSampleId :

MW-12-0118

Tgt Ion: 83	Resp:	2536
Ion Ratio	Lower	Upper
83	100	
85	0.0	52.1 78.1#
127	0.0	7.4 11.0#



#48

Methyl methacrylate

Concen: 0.282 ug/l

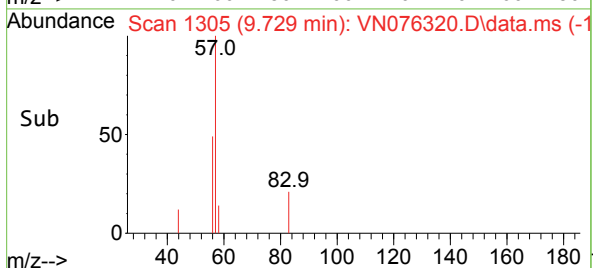
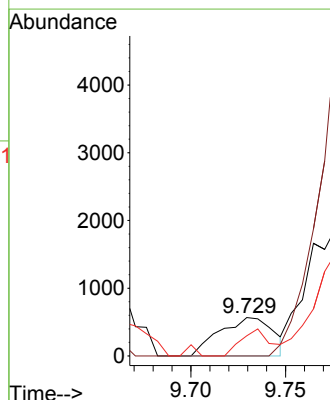
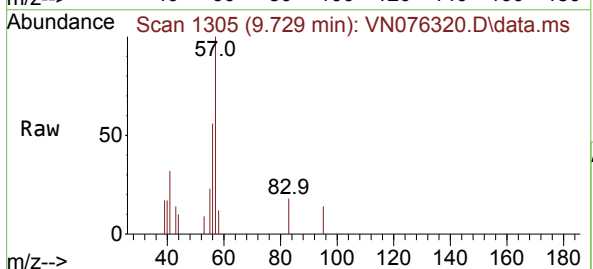
RT: 9.729 min Scan# 1305

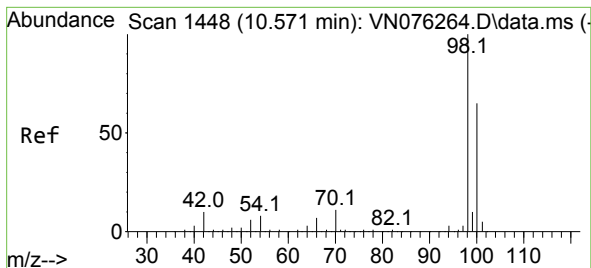
Delta R.T. 0.047 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Tgt Ion: 41	Resp:	1112
Ion Ratio	Lower	Upper
41	100	
69	0.0	80.8 121.2#
39	38.8	54.4 81.6#





#50

Toluene-d8

Concen: 49.343 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

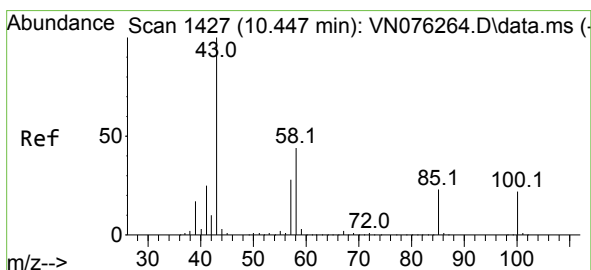
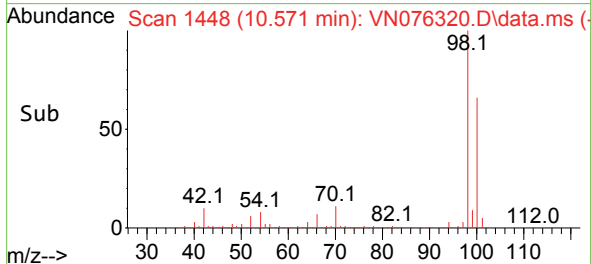
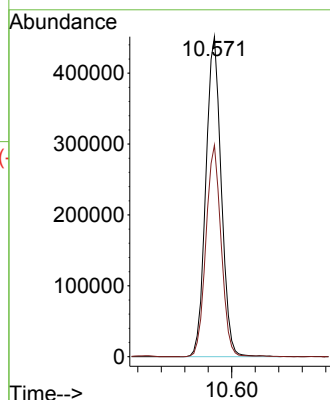
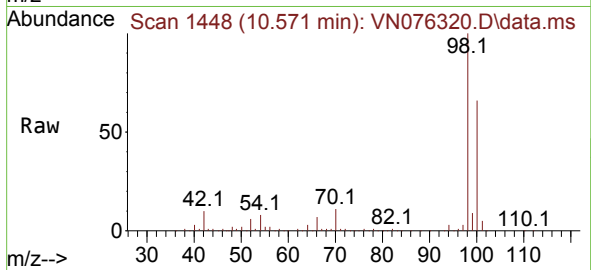
MW-12-0118

Tgt Ion: 98 Resp: 819353

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 2.862 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076320.D

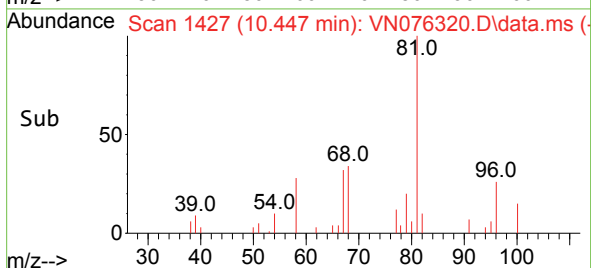
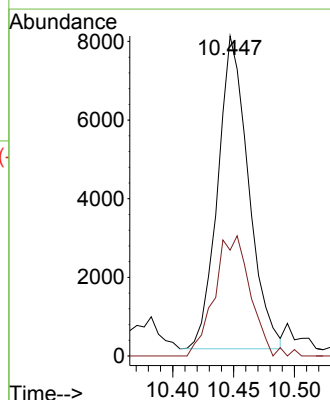
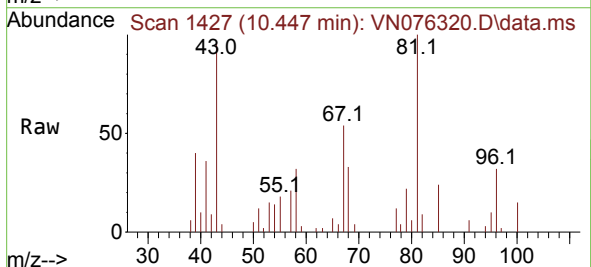
Acq: 19 Jan 2023 14:07

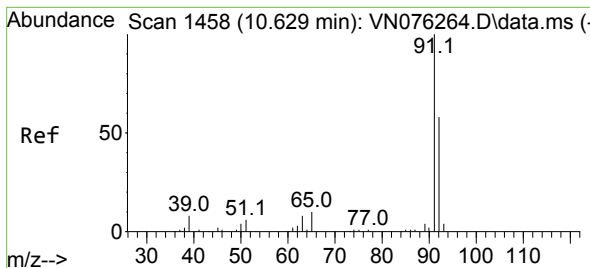
Tgt Ion: 43 Resp: 14009

Ion Ratio Lower Upper

43 100

58 44.9 35.1 52.7





#52

Toluene

Concen: 6.008 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

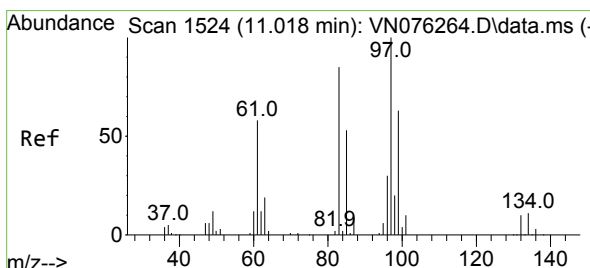
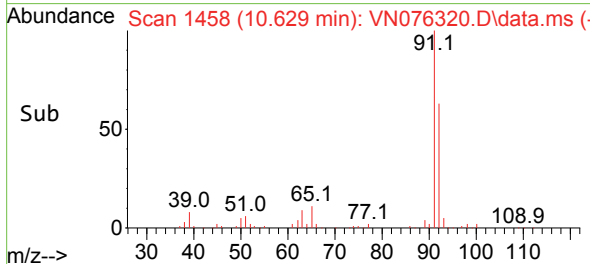
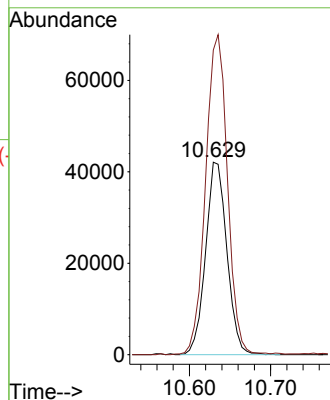
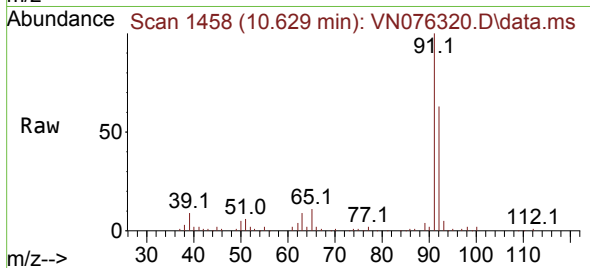
MW-12-0118

Tgt Ion: 92 Resp: 76758

Ion Ratio Lower Upper

92 100

91 170.3 136.6 205.0



#55

1,1,2-Trichloroethane

Concen: 2.983 ug/l

RT: 11.012 min Scan# 1523

Delta R.T. -0.006 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Tgt Ion: 97 Resp: 14568

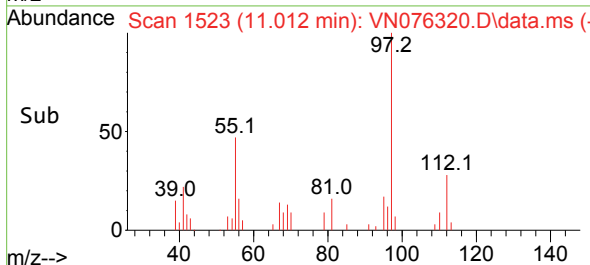
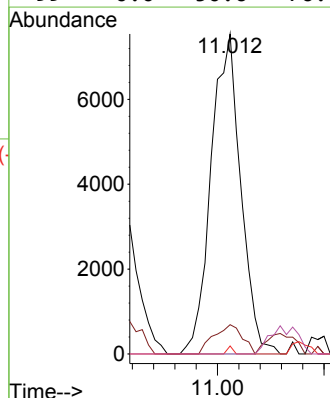
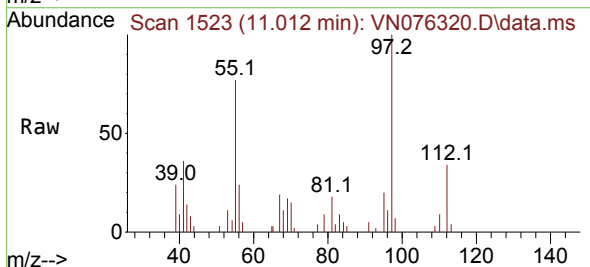
Ion Ratio Lower Upper

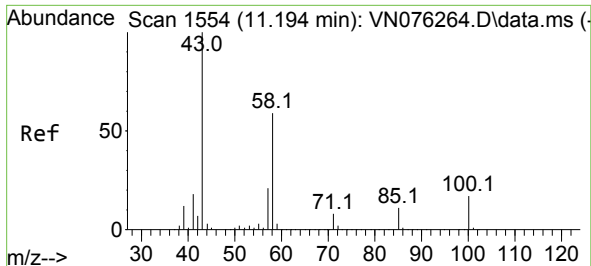
97 100

83 9.1 67.8 101.6#

85 2.5 42.3 63.5#

99 0.0 50.6 76.0#





#59

2-Hexanone

Concen: 6.228 ug/l

RT: 11.065 min Scan# 11

Delta R.T. -0.129 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

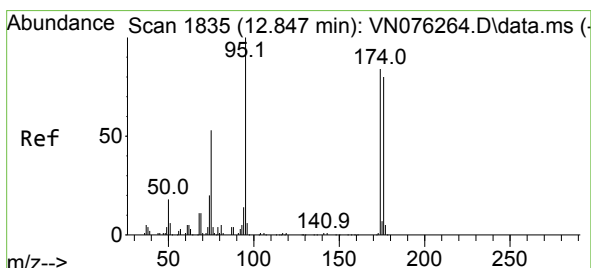
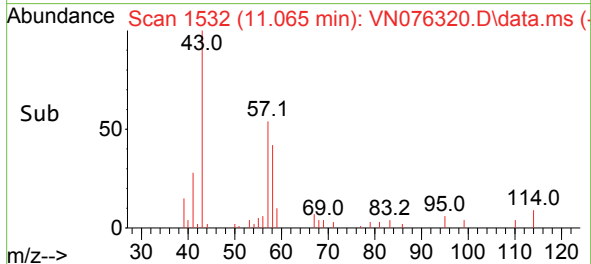
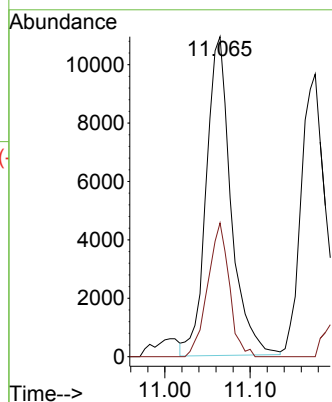
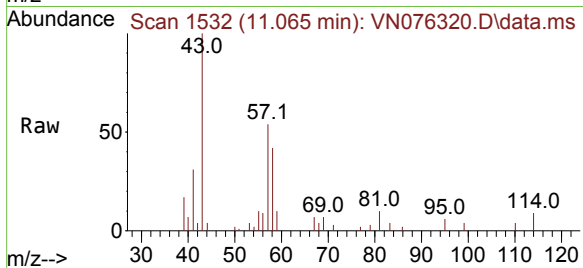
MW-12-0118

Tgt Ion: 43 Resp: 22087

Ion Ratio Lower Upper

43 100

58 36.4 30.1 90.3



#62

4-Bromofluorobenzene

Concen: 49.814 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

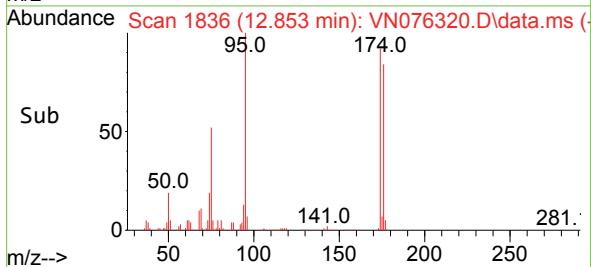
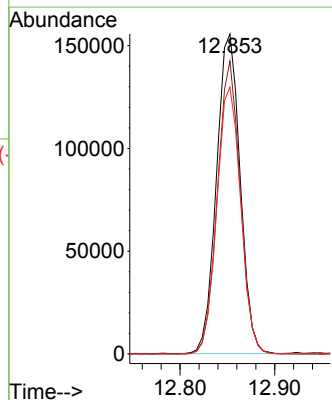
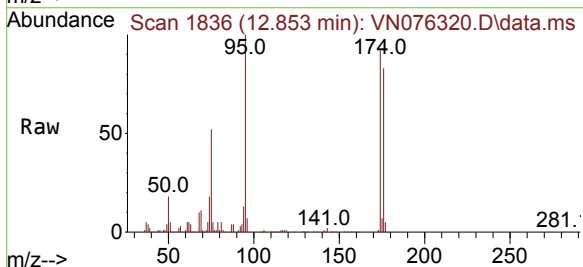
Tgt Ion: 95 Resp: 270034

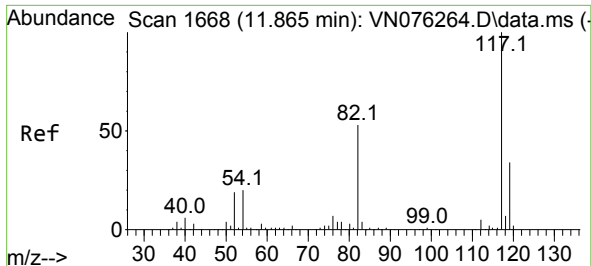
Ion Ratio Lower Upper

95 100

174 88.4 0.0 174.6

176 84.2 0.0 167.8

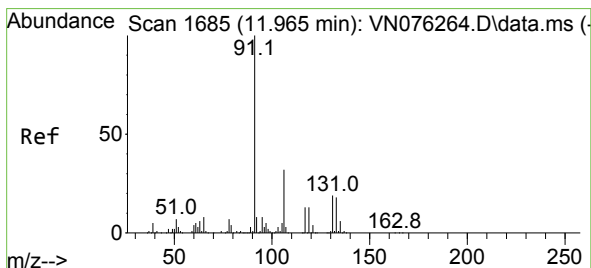
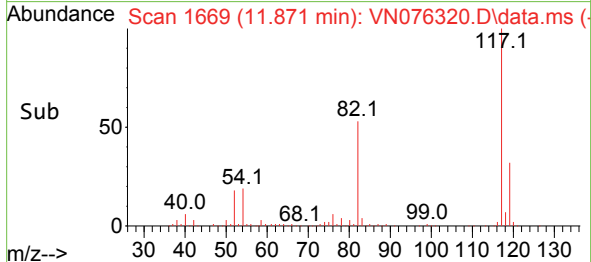
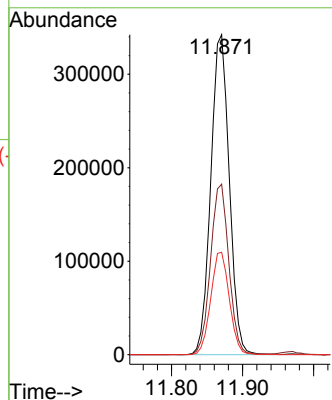
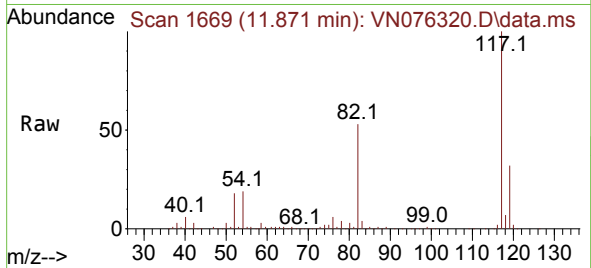




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

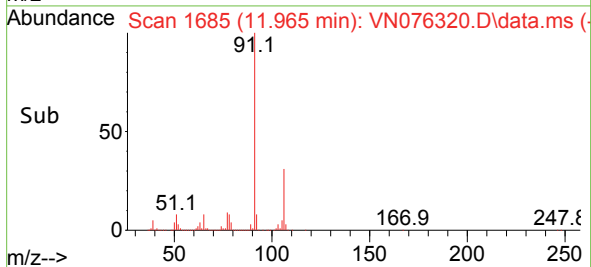
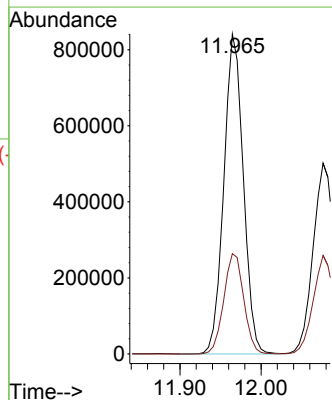
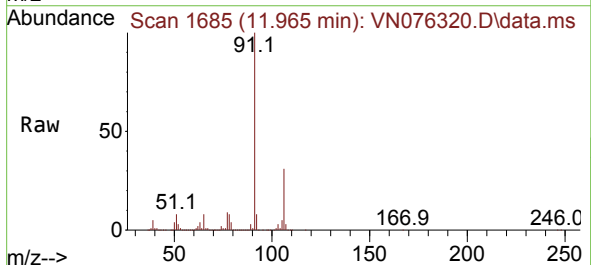
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

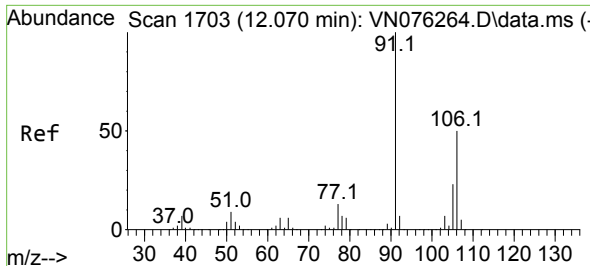
Tgt Ion:117 Resp: 618357
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.0 26.9 40.3



#67
Ethyl Benzene
Concen: 62.743 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 91 Resp: 1403646
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

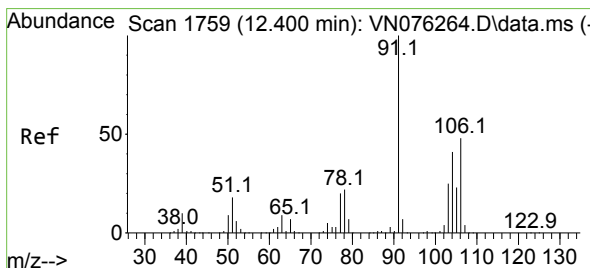
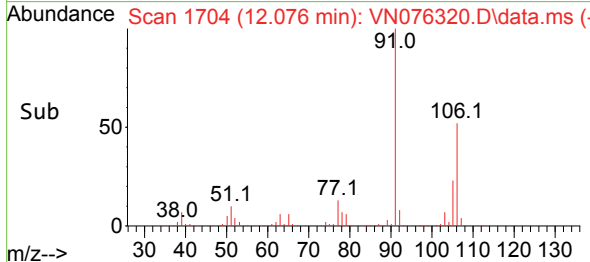
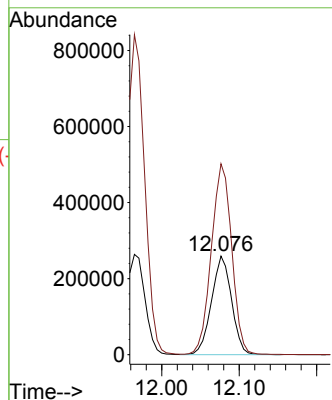
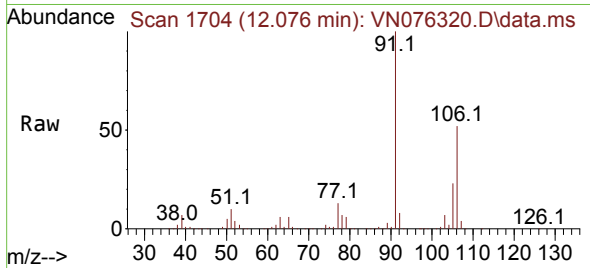




#68
m/p-Xylenes
Concen: 51.799 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

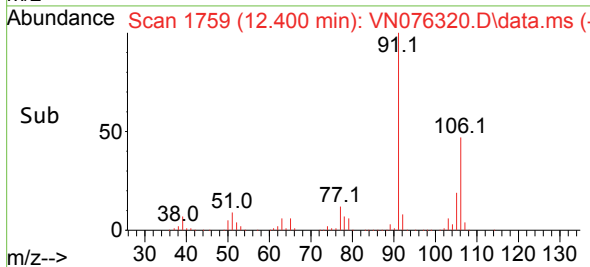
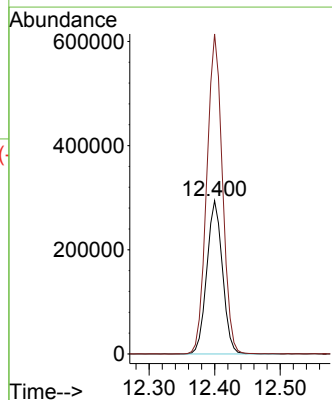
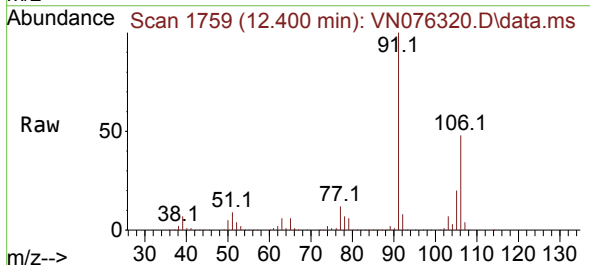
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

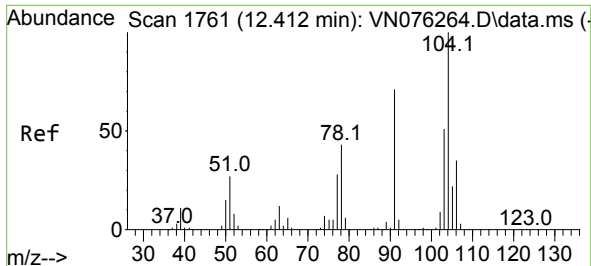
Tgt Ion:106 Resp: 464665
Ion Ratio Lower Upper
106 100
91 197.2 157.5 236.3



#69
o-Xylene
Concen: 55.540 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion:106 Resp: 489271
Ion Ratio Lower Upper
106 100
91 209.0 103.2 309.4

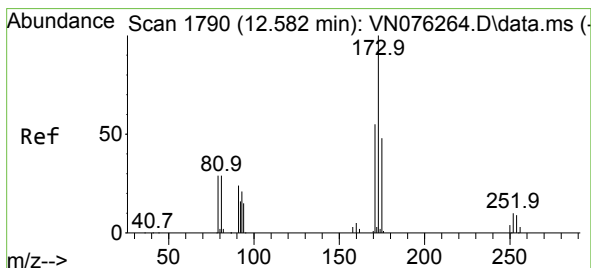
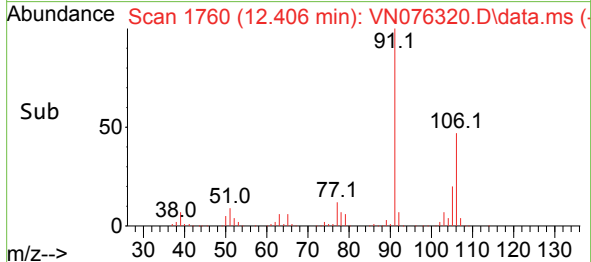
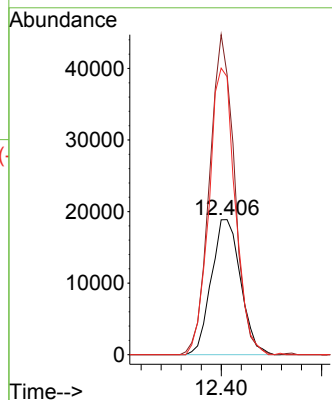
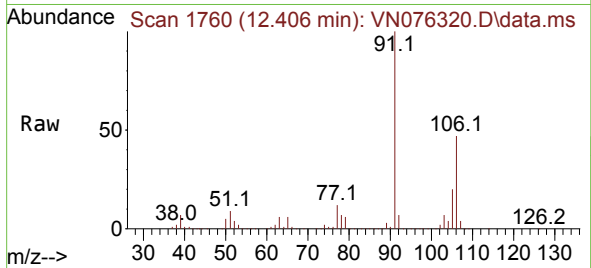




#70
Styrene
Concen: 2.721 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

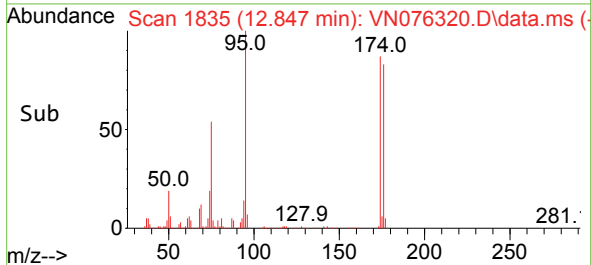
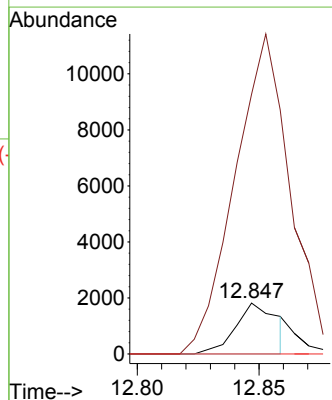
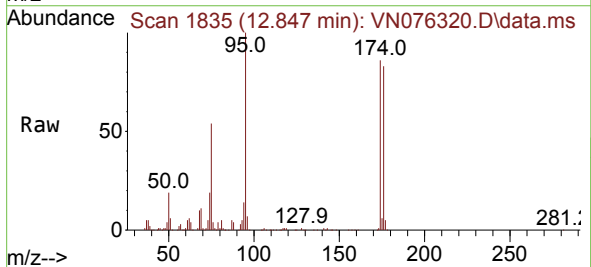
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

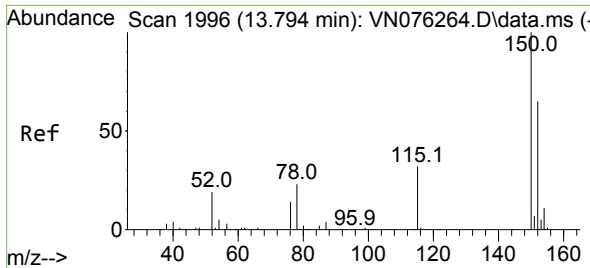
Tgt Ion:104 Resp: 38274
Ion Ratio Lower Upper
104 100
78 202.6 37.4 56.0#
103 190.0 44.2 66.2#



#71
Bromoform
Concen: 0.618 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion:173 Resp: 2169
Ion Ratio Lower Upper
173 100
175 691.1 24.1 72.4#
254 0.0 0.0 0.0

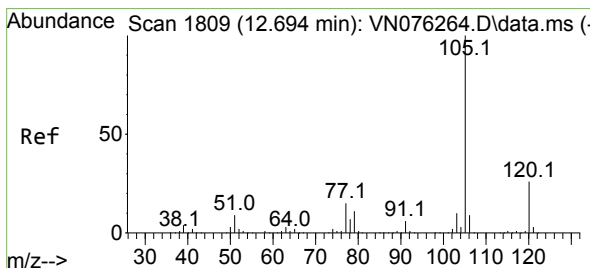
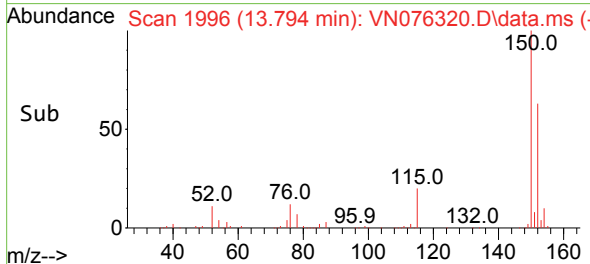
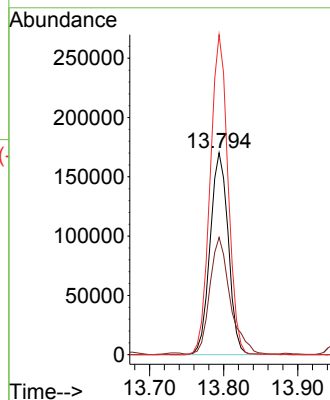
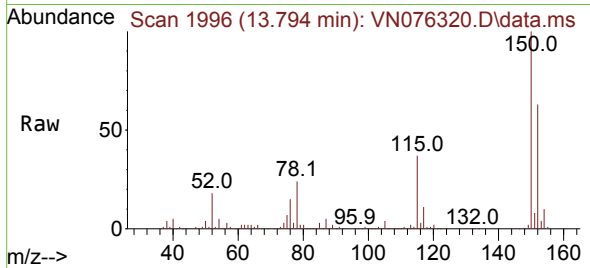




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076320.D
 Acq: 19 Jan 2023 14:07

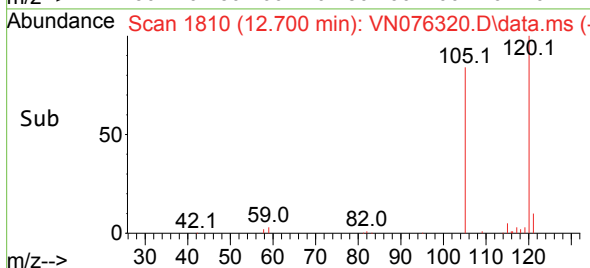
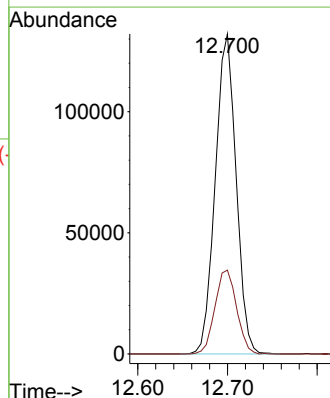
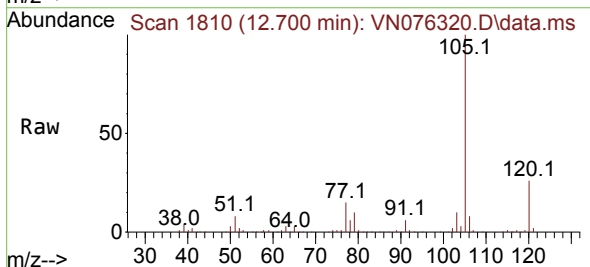
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-0118

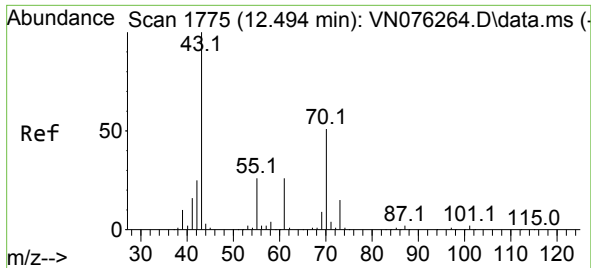
Tgt Ion:152 Resp: 289831
 Ion Ratio Lower Upper
 152 100
 115 64.3 29.6 88.9
 150 155.9 0.0 351.4



#73
 Isopropylbenzene
 Concen: 9.492 ug/l
 RT: 12.700 min Scan# 1810
 Delta R.T. 0.006 min
 Lab File: VN076320.D
 Acq: 19 Jan 2023 14:07

Tgt Ion:105 Resp: 212817
 Ion Ratio Lower Upper
 105 100
 120 27.2 13.4 40.1

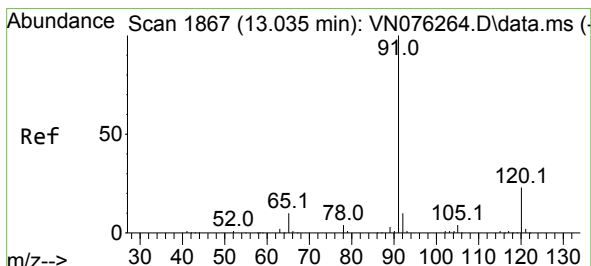
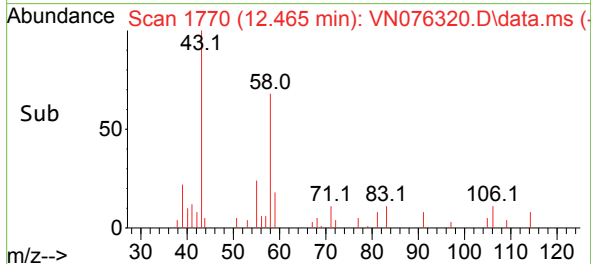
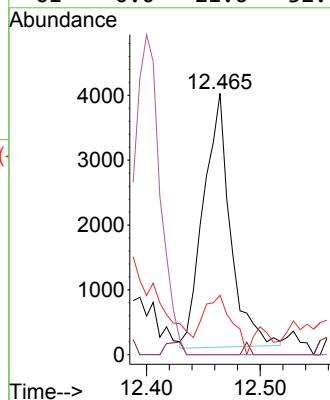
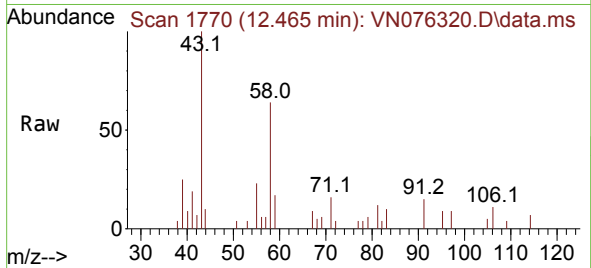




#74
N-amy1 acetate
Concen: 0.999 ug/l
RT: 12.465 min Scan# 1770
Delta R.T. -0.029 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

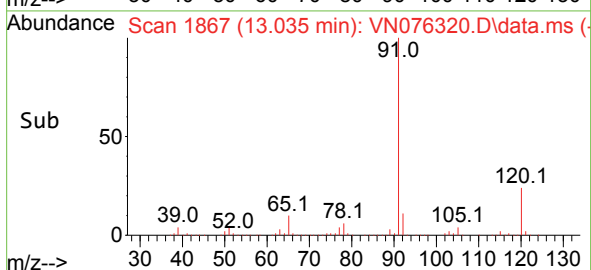
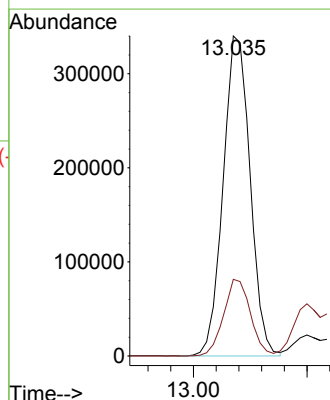
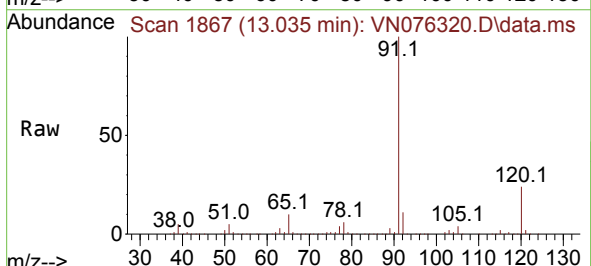
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

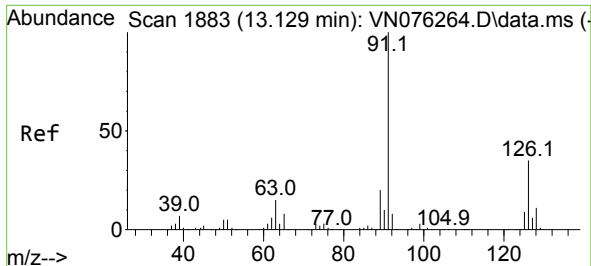
Tgt Ion: 43	Resp: 6446
Ion Ratio	Lower Upper
43 100	
70 0.0	41.2 61.8#
55 24.7	21.0 31.6
61 0.0	21.6 32.4#



#78
n-propylbenzene
Concen: 22.195 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 91	Resp: 561499
Ion Ratio	Lower Upper
91 100	
120 23.8	11.9 35.5

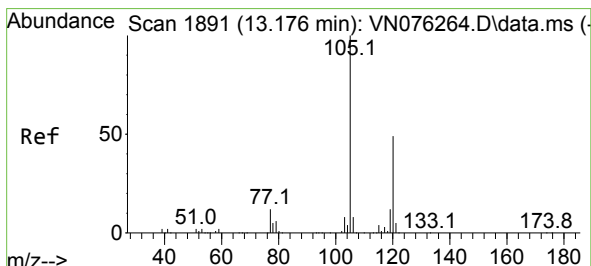
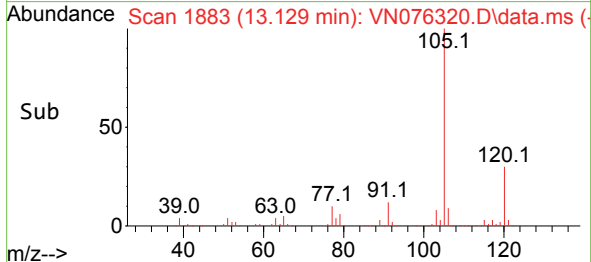
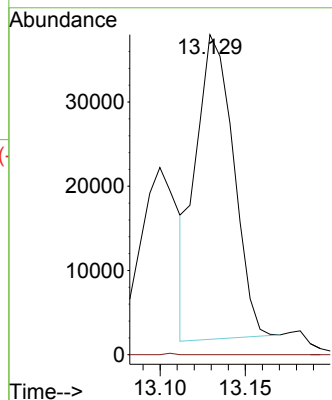
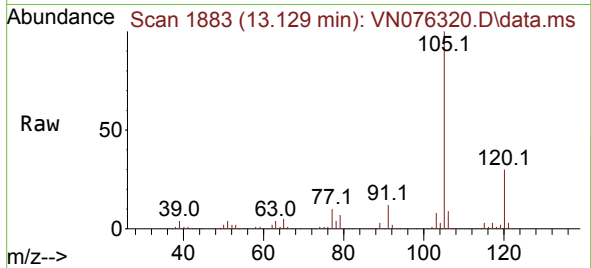




#79
2-Chlorotoluene
Concen: 3.564 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

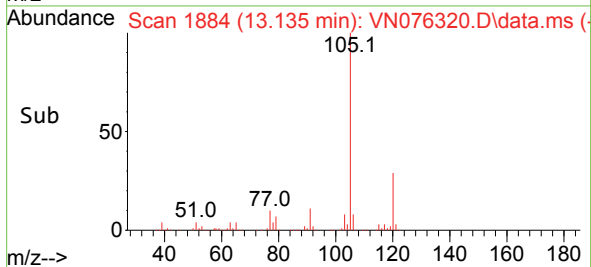
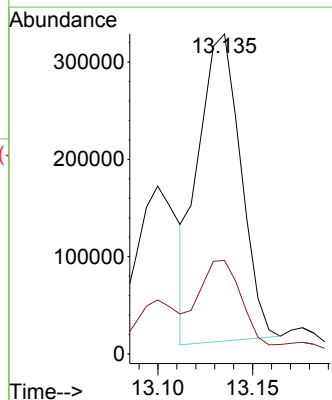
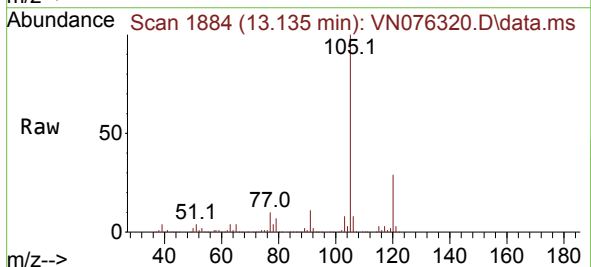
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

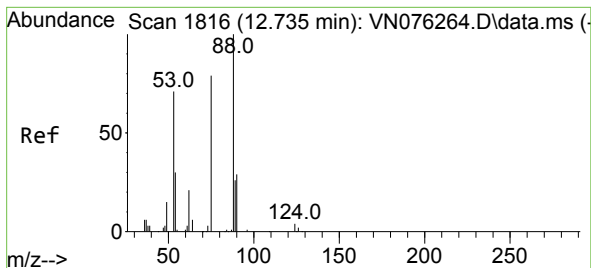
Tgt Ion: 91 Resp: 55323
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#



#80
1,3,5-Trimethylbenzene
Concen: 26.112 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. -0.041 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 105 Resp: 490485
Ion Ratio Lower Upper
105 100
120 27.8 25.0 75.0

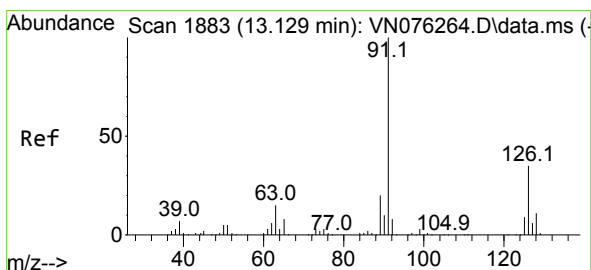
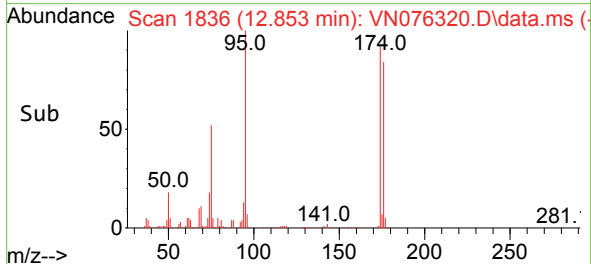
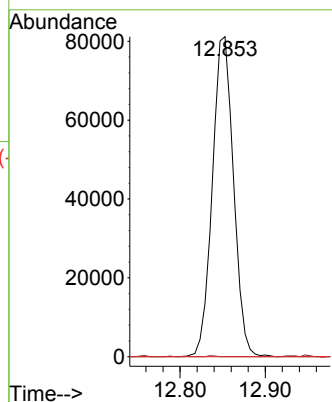
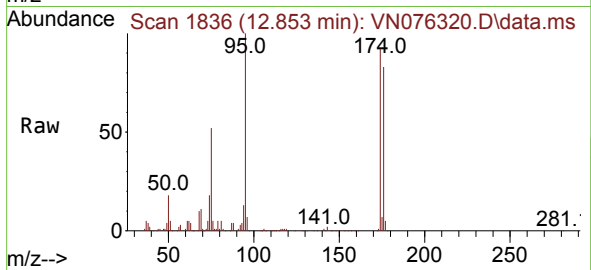




#81
trans-1,4-Dichloro-2-butene
Concen: 80.372 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

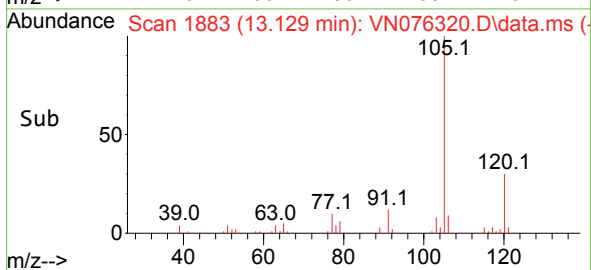
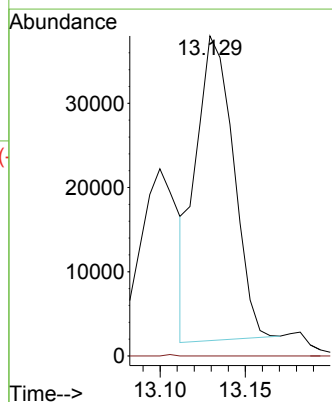
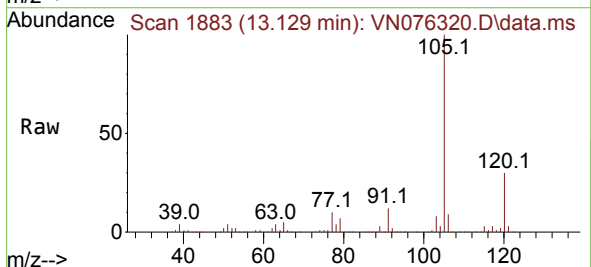
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

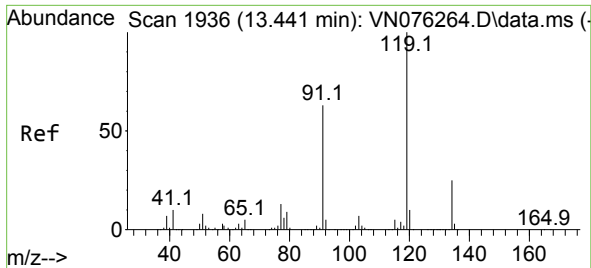
Tgt Ion: 75 Resp: 140005
Ion Ratio Lower Upper
75 100
53 0.1 75.8 113.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 3.564 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 91 Resp: 55323
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#

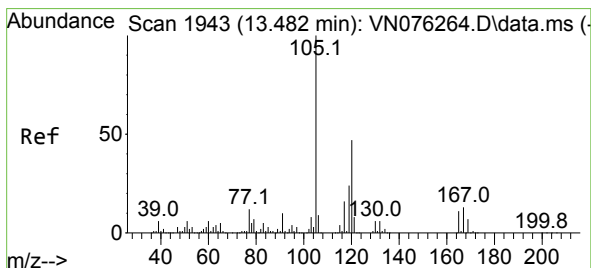
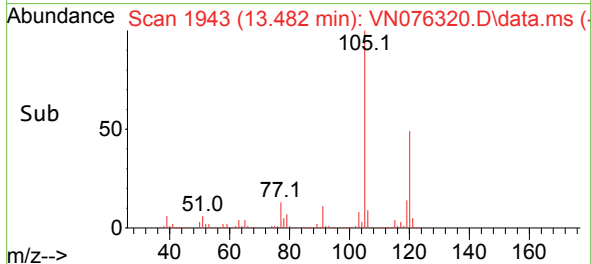
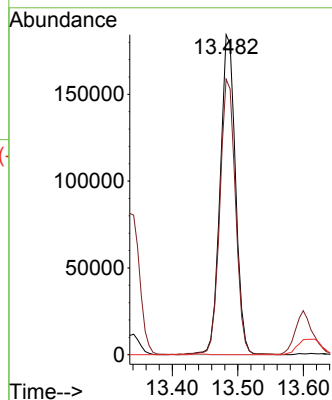
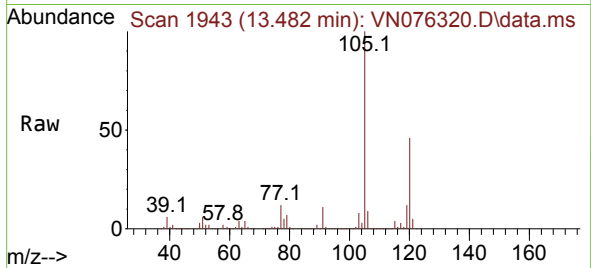




#83
tert-Butylbenzene
Concen: 17.899 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.041 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

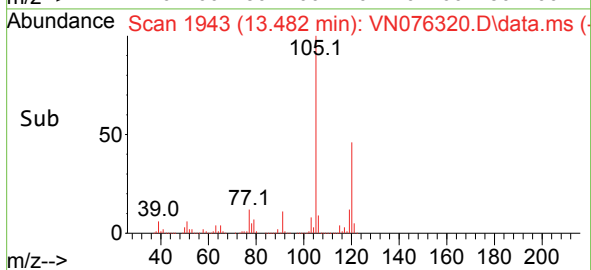
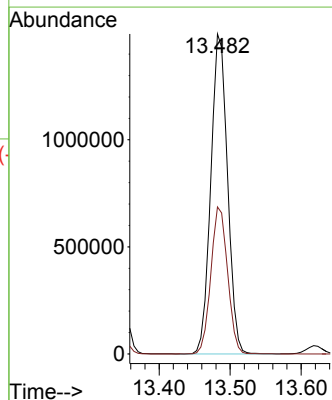
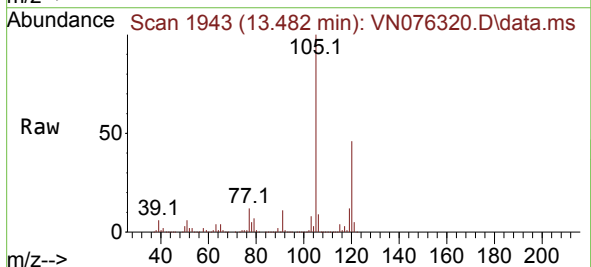
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

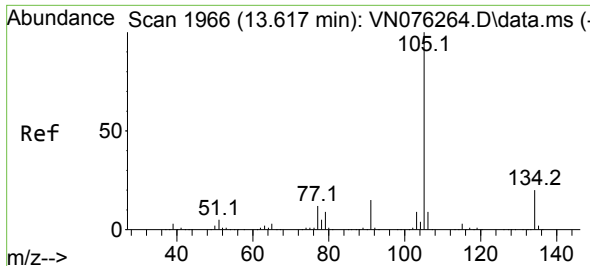
Tgt Ion:119 Resp: 299023
Ion Ratio Lower Upper
119 100
91 87.4 32.2 96.6
134 0.0 13.6 40.8#



#84
1,2,4-Trimethylbenzene
Concen: 129.409 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion:105 Resp: 2437431
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.5

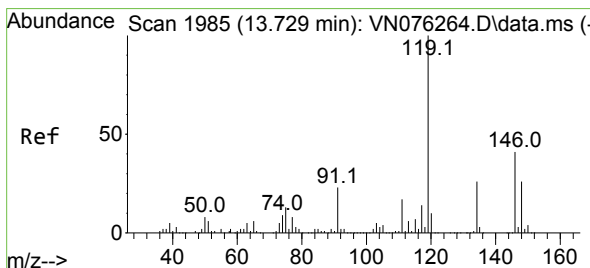
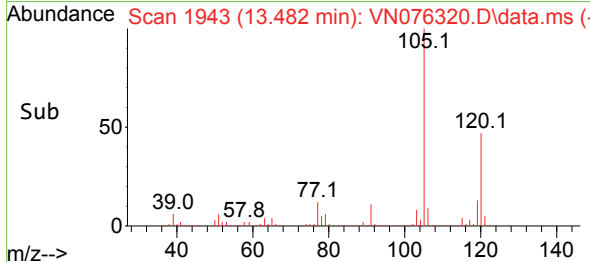
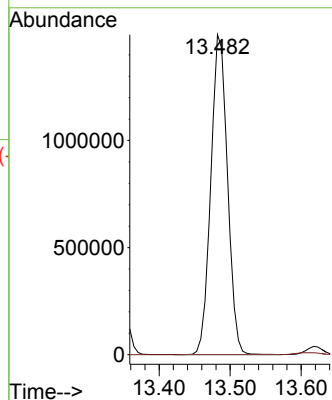
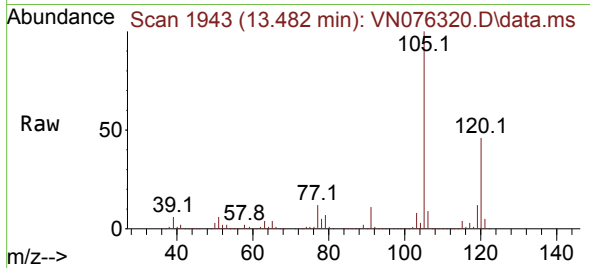




#85
 sec-Butylbenzene
 Concen: 105.101 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.135 min
 Lab File: VN076320.D
 Acq: 19 Jan 2023 14:07

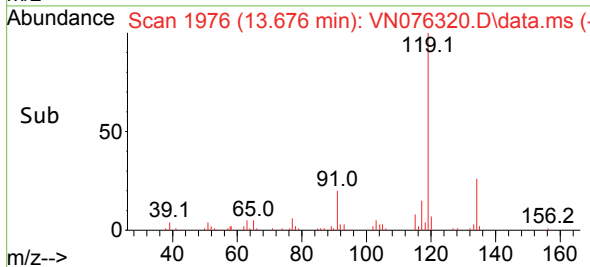
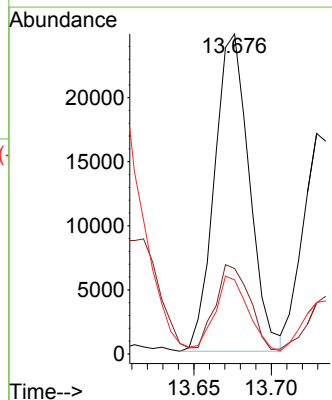
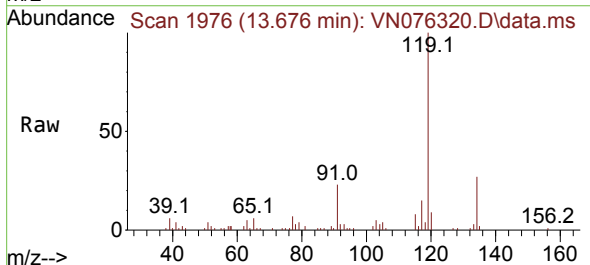
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-0118

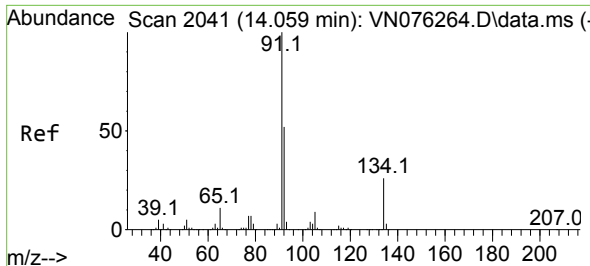
Tgt Ion:105 Resp: 2436410
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 2.032 ug/l
 RT: 13.676 min Scan# 1976
 Delta R.T. -0.053 min
 Lab File: VN076320.D
 Acq: 19 Jan 2023 14:07

Tgt Ion:119 Resp: 38744
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.2 39.6
 91 22.4 11.8 35.3

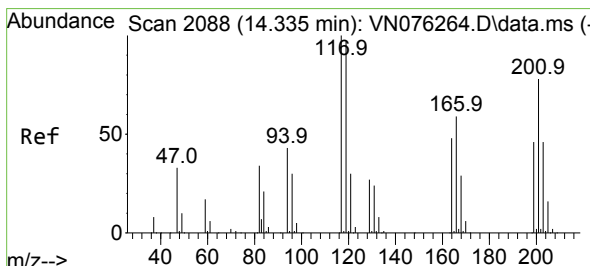
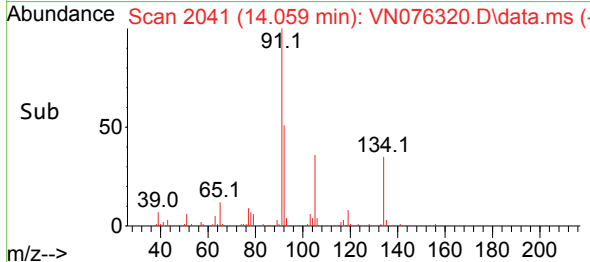
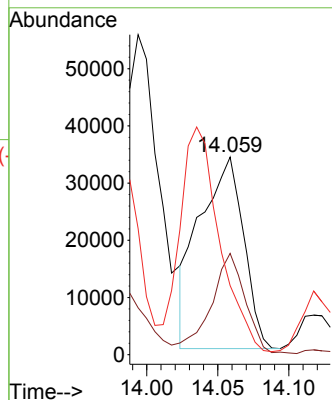
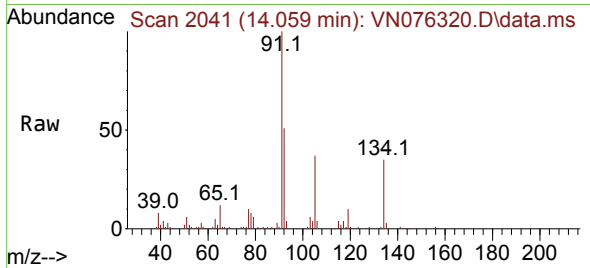




#89
n-Butylbenzene
Concen: 4.779 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

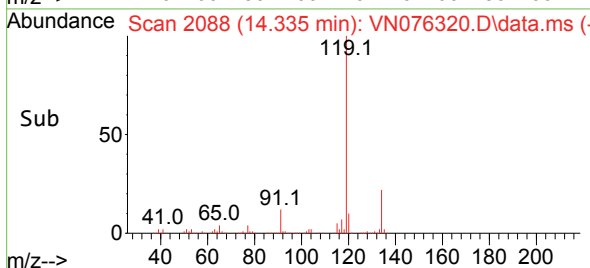
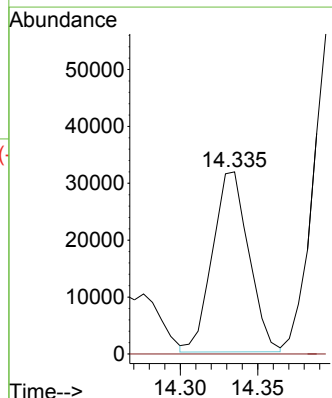
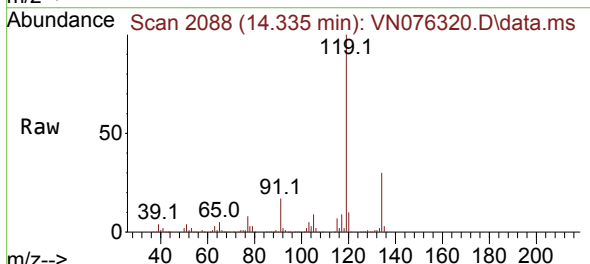
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

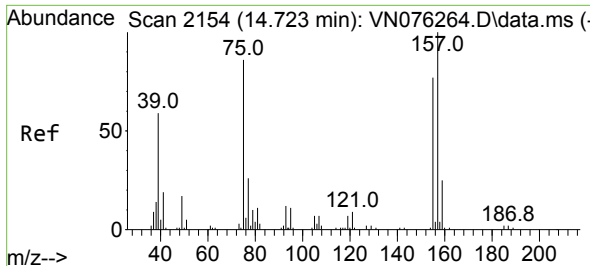
Tgt Ion: 91 Resp: 72324
Ion Ratio Lower Upper
91 100
92 41.6 26.3 78.9
134 0.0 13.2 39.5#



#90
Hexachloroethane
Concen: 15.685 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 117 Resp: 51604
Ion Ratio Lower Upper
117 100
201 0.0 37.3 111.9#

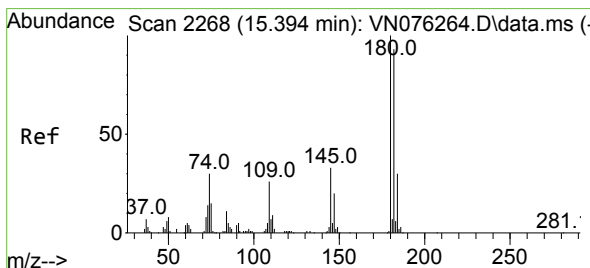
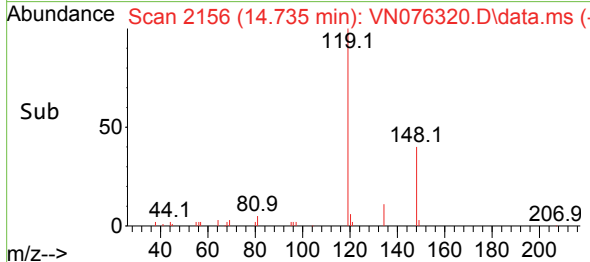
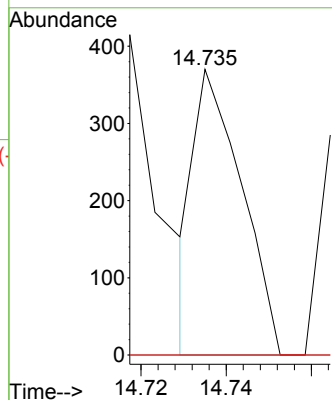
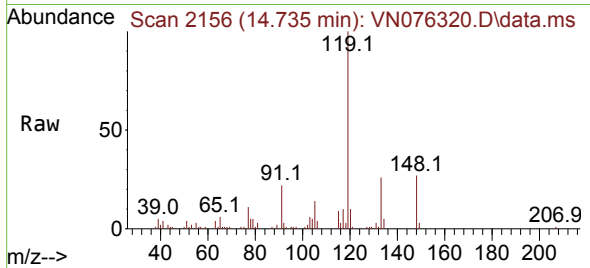




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.253 ug/l
 RT: 14.735 min Scan# 2156
 Delta R.T. 0.012 min
 Lab File: VN076320.D
 Acq: 19 Jan 2023 14:07

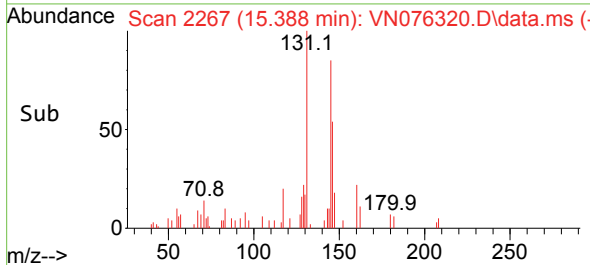
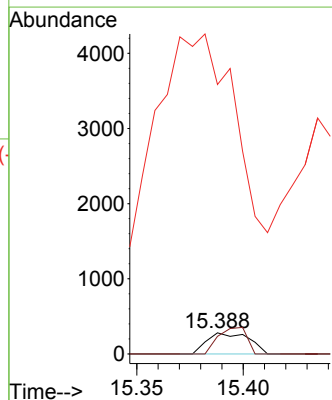
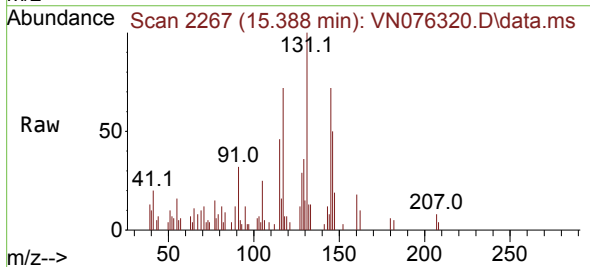
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-0118

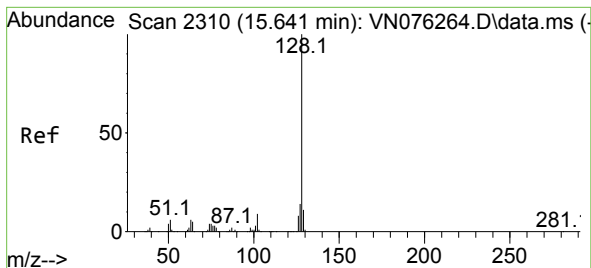
Tgt Ion: 75 Resp: 283
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.0 135.0#
 157 0.0 58.3 174.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.379 ug/l
 RT: 15.388 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: VN076320.D
 Acq: 19 Jan 2023 14:07

Tgt Ion: 180 Resp: 384
 Ion Ratio Lower Upper
 180 100
 182 85.2 47.0 141.2
 145 3362.2 15.2 45.5#





#95

Naphthalene

Concen: 24.124 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

MW-12-0118

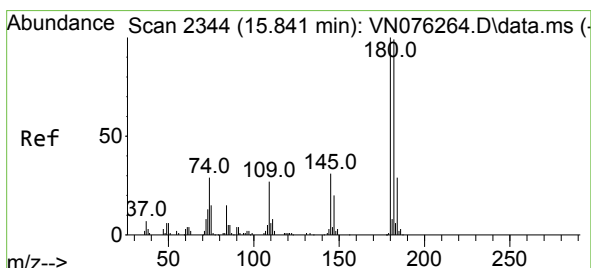
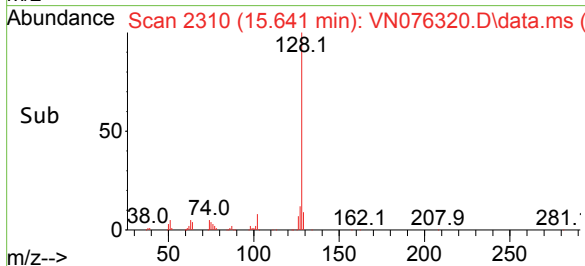
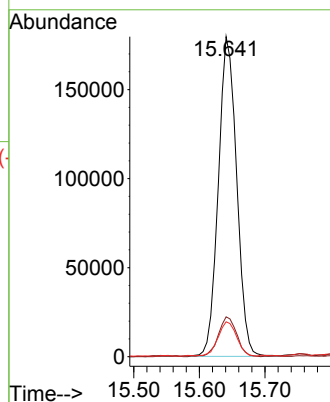
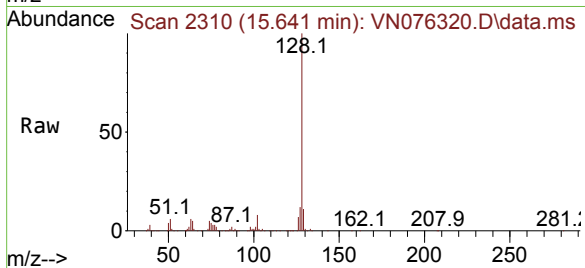
Tgt Ion:128 Resp: 348407

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.165 ug/l

RT: 15.853 min Scan# 2346

Delta R.T. 0.012 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Tgt Ion:180 Resp: 55

Ion Ratio Lower Upper

180 100

182 436.4 47.5 142.5#

145 0.0 15.9 47.6#

