

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076529.D
 Acq On : 03 Feb 2023 13:48
 Operator : JC\MD
 Sample : 01415-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10-0202

Quant Time: Feb 03 22:16:43 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	8.230	168	568737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	929525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	817868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	353317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	321370	50.466	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.940%
35) Dibromofluoromethane	8.171	113	280529	48.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	10.571	98	1083001	50.433	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.853	95	374709	53.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.900%
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	2858	3.355	ug/l	100
13) Acrolein	4.194	56	763	0.749	ug/l #	15
16) Acetone	4.453	43	33565	16.373	ug/l #	86
17) Carbon Disulfide	4.718	76	2790	0.206	ug/l #	73
19) Methyl tert-butyl Ether	5.812	73	115453	6.510	ug/l #	85
20) Methylene Chloride	5.289	84	2283	Below Cal	#	86
25) 2-Butanone	7.500	43	6909	2.216	ug/l #	83
31) Cyclohexane	8.259	56	28330	2.896	ug/l #	91
36) 1,1-Dichloropropene	8.235	75	43577	5.274	ug/l #	48
37) Ethyl Acetate	7.500	43	6909	1.078	ug/l #	68
38) Carbon Tetrachloride	8.230	117	58167	6.313	ug/l #	17
39) Methylcyclohexane	9.600	83	12702	1.259	ug/l	97
40) Benzene	8.606	78	10563	0.428	ug/l #	90
43) Isopropyl Acetate	8.777	43	8950	0.830	ug/l #	60
49) 1,4-Dioxane	9.712	88	53	0.492	ug/l #	31
51) 4-Methyl-2-Pentanone	10.447	43	5299	0.837	ug/l	100
52) Toluene	10.635	92	5768	0.349	ug/l	94
55) 1,1,2-Trichloroethane	11.006	97	1693	0.268	ug/l #	15
59) 2-Hexanone	11.194	43	7685	1.676	ug/l	64
67) Ethyl Benzene	11.965	91	922285	31.170	ug/l	99
68) m/p-Xylenes	12.076	106	185298	15.617	ug/l	98
69) o-Xylene	12.400	106	27071	2.323	ug/l	92
70) Styrene	12.406	104	4485	0.241	ug/l #	1
73) Isopropylbenzene	12.694	105	49951	1.828	ug/l	100
74) N-amyl acetate	12.500	43	2218	0.282	ug/l #	85
76) 1,2,3-Trichloropropane	12.853	75	187684	28.756	ug/l #	1
77) Bromobenzene	12.982	156	1548	Below Cal		84
78) n-propylbenzene	13.035	91	102018	3.308	ug/l	97
79) 2-Chlorotoluene	13.223	91	5325	0.281	ug/l	99
80) 1,3,5-Trimethylbenzene	13.129	105	148701	6.494	ug/l	67
81) trans-1,4-Dichloro-2-b...	12.853	75	187684	88.384	ug/l #	11
82) 4-Chlorotoluene	13.223	91	5325	0.281	ug/l	99
83) tert-Butylbenzene	13.482	119	159524	7.833	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.482	105	1311899	57.137	ug/l	99
85) sec-Butylbenzene	13.482	105	1311899	46.423	ug/l #	56
86) p-Isopropyltoluene	13.729	119	10455	0.450	ug/l #	75

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

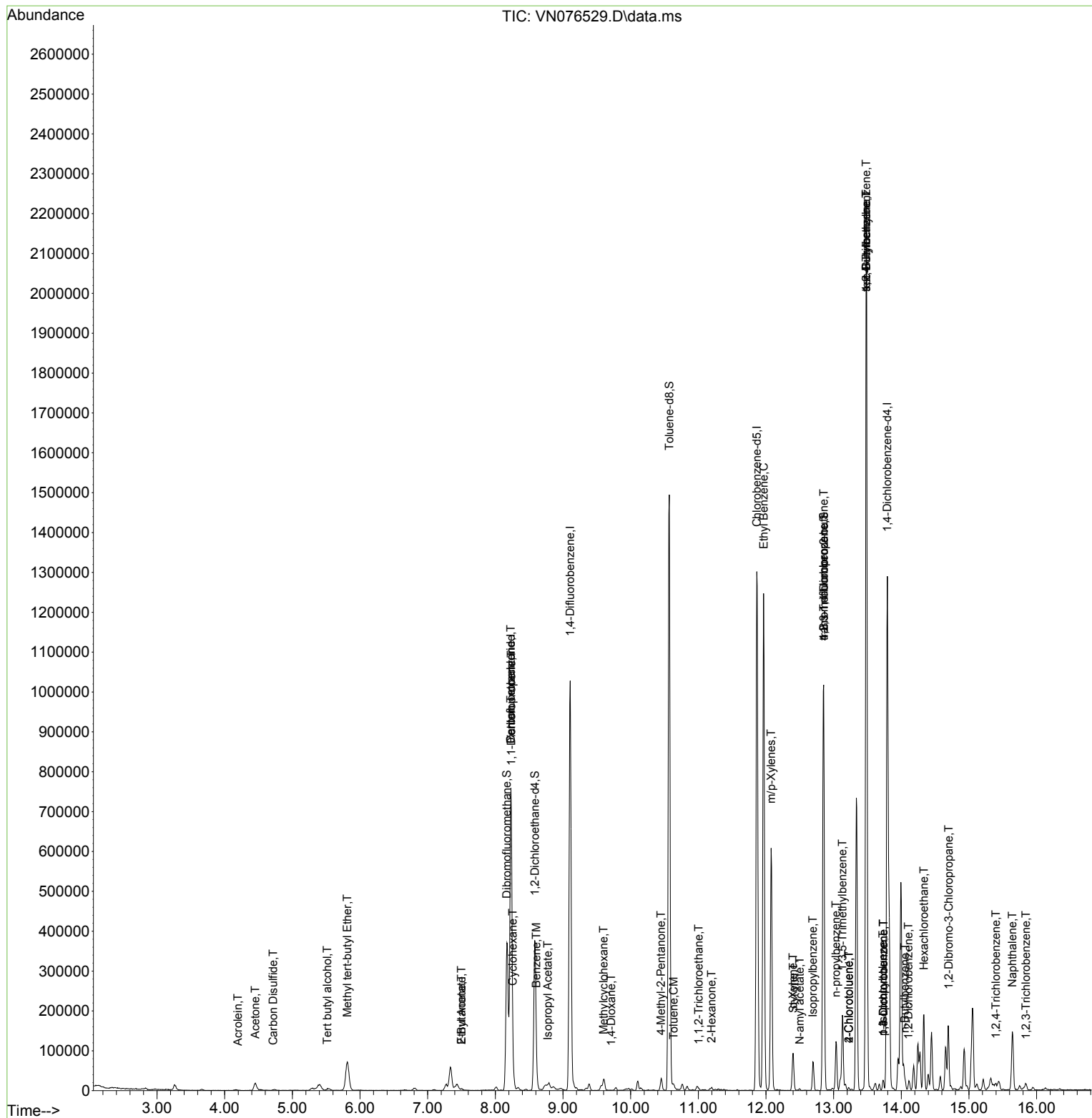
87) 1,3-Dichlorobenzene	13.735	146	4153	0.322	ug/l	86
88) 1,4-Dichlorobenzene	13.735	146	4153	0.439	ug/l	86
89) n-Butylbenzene	14.053	91	14336	0.777	ug/l #	80
90) Hexachloroethane	14.335	117	11450	2.855	ug/l #	12
91) 1,2-Dichlorobenzene	14.106	146	4145	0.323	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.700	75	972	0.712	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.400	180	6017	2.250	ug/l #	90
95) Naphthalene	15.641	128	143835	9.386	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	6158	2.172	ug/l #	86

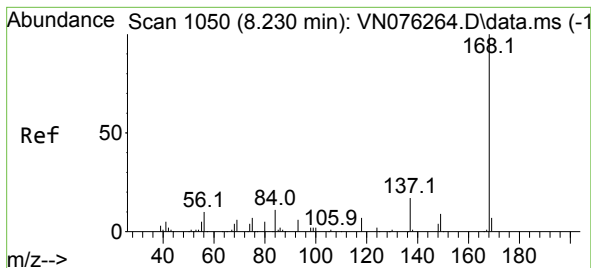
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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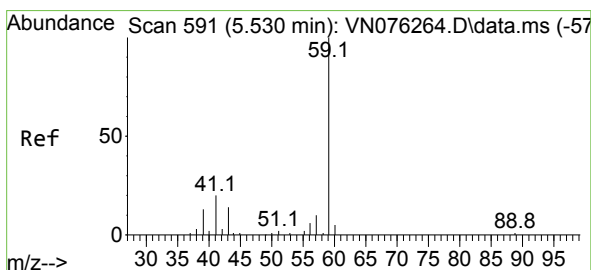
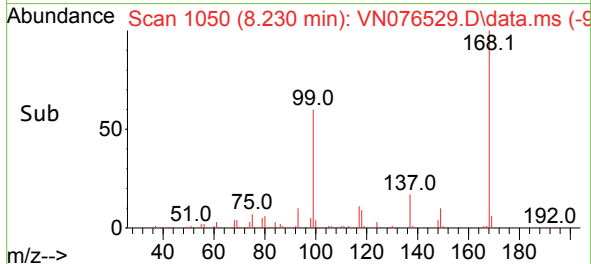
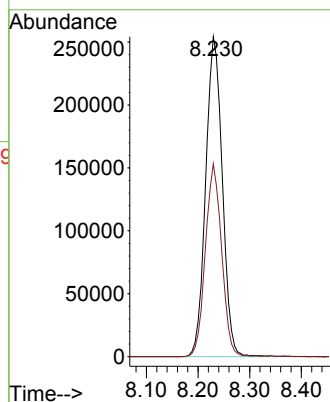
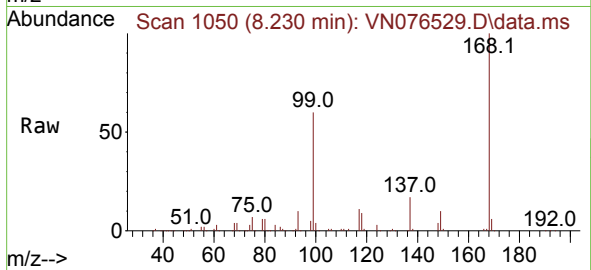




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076529.D
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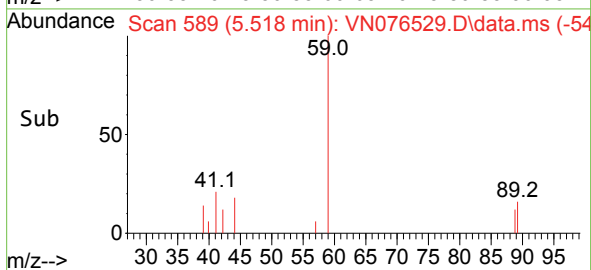
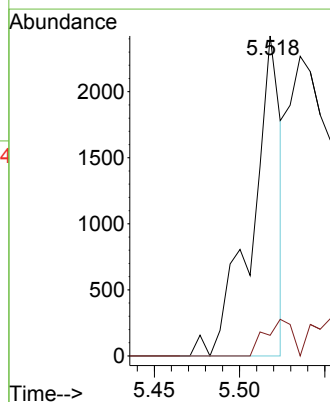
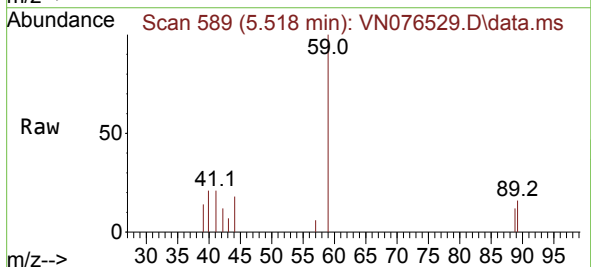
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

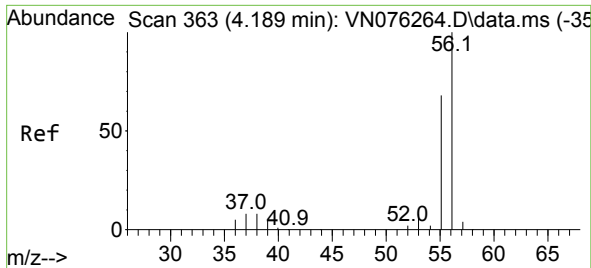
Tgt Ion:168 Resp: 568737
Ion Ratio Lower Upper
168 100
99 60.2 41.6 62.4



#11
Tert butyl alcohol
Concen: 3.355 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.012 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion: 59 Resp: 2858
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7





#13

Acrolein

Concen: 0.749 ug/l

RT: 4.194 min Scan# 30

Delta R.T. 0.005 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

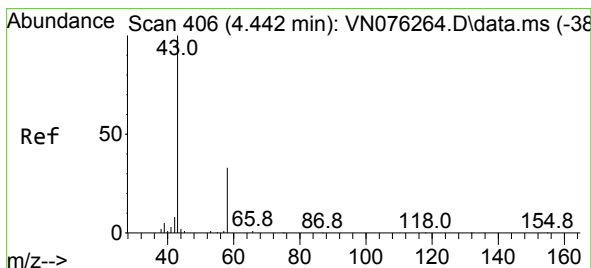
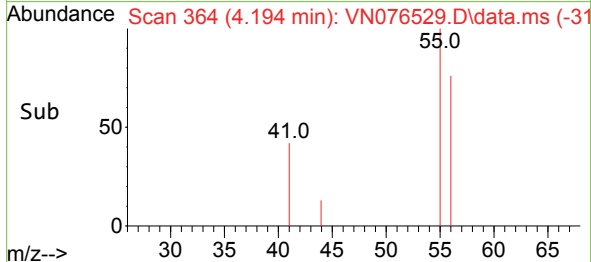
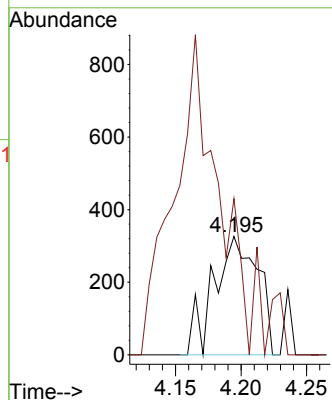
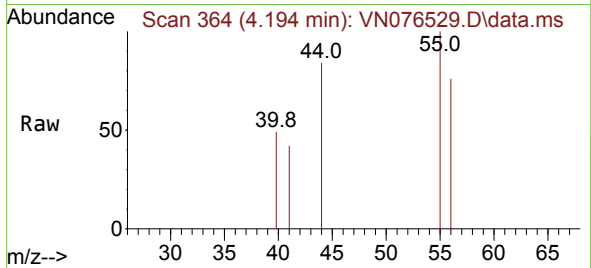
MW-10-0202

Tgt Ion: 56 Resp: 763

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



#16

Acetone

Concen: 16.373 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.011 min

Lab File: VN076529.D

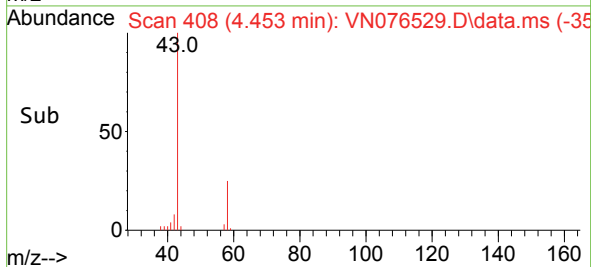
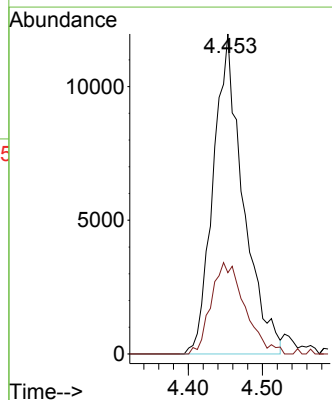
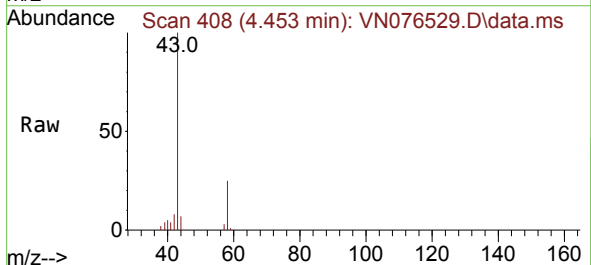
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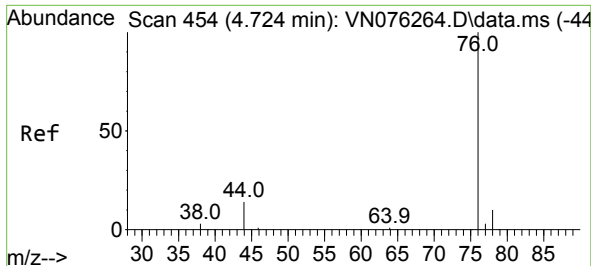
Tgt Ion: 43 Resp: 33565

Ion Ratio Lower Upper

43 100

58 25.4 26.7 40.1#

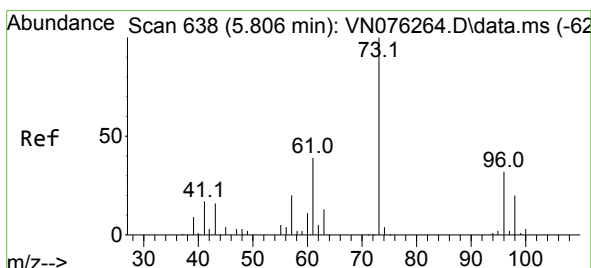
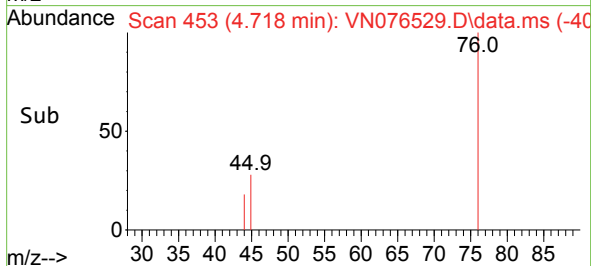
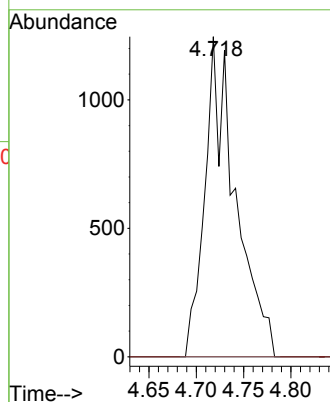
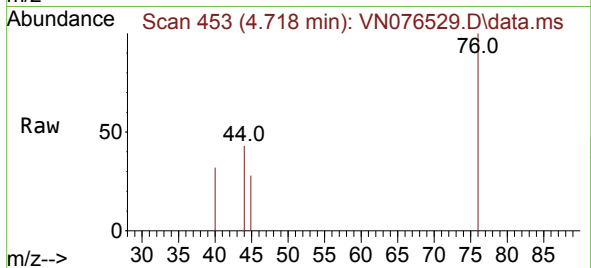




#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 4.718 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

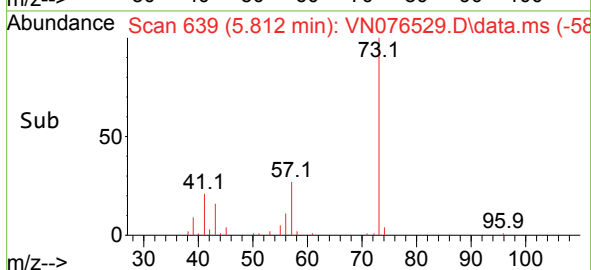
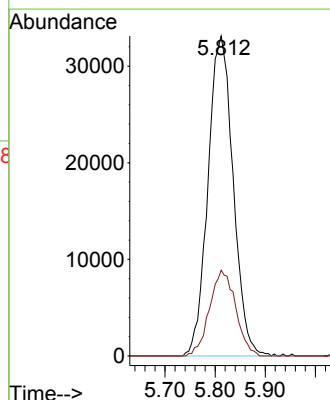
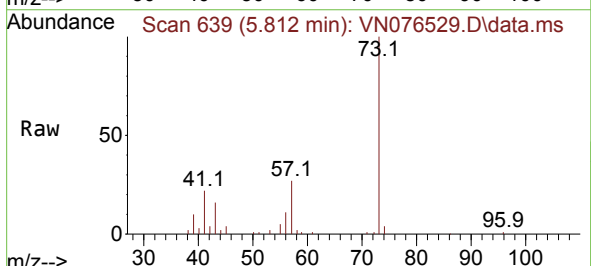
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

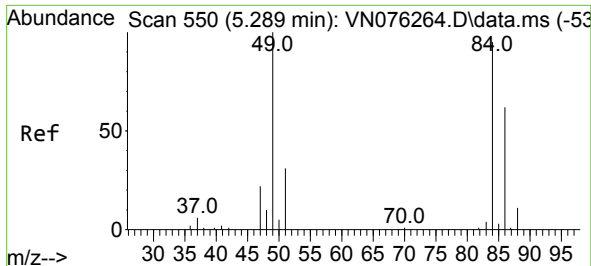
Tgt Ion: 76 Resp: 2790
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#19
Methyl tert-butyl Ether
Concen: 6.510 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

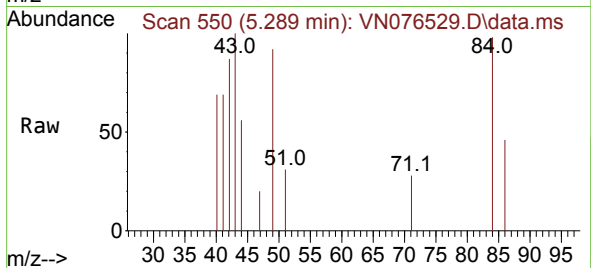
Tgt Ion: 73 Resp: 115453
Ion Ratio Lower Upper
73 100
57 26.8 15.9 23.9#



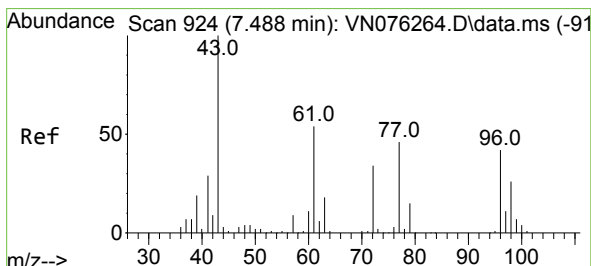
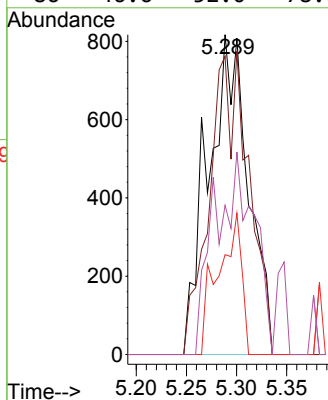
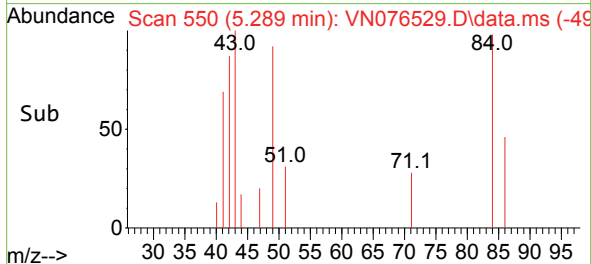


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

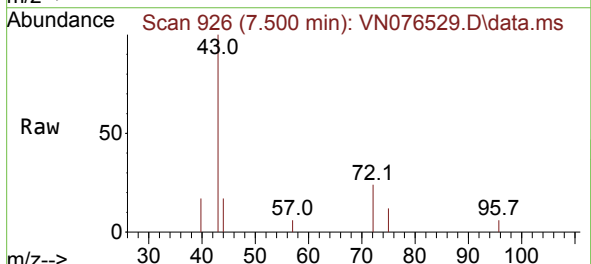
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202



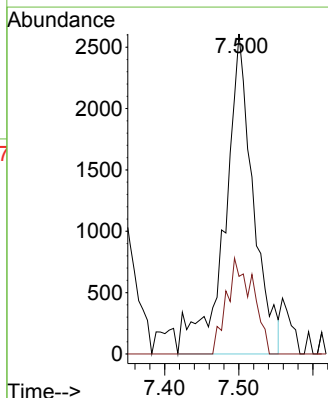
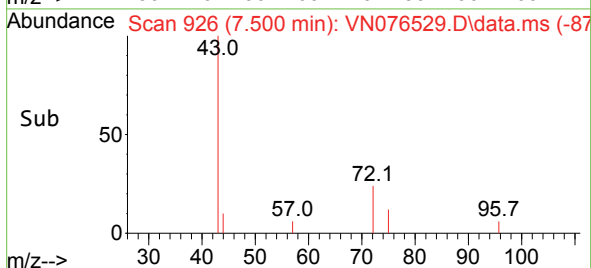
Tgt Ion: 84	Resp: 2283
Ion Ratio	Lower Upper
84 100	
49 93.3	84.5 126.7
51 31.2	26.0 39.0
86 46.6	52.0 78.0#

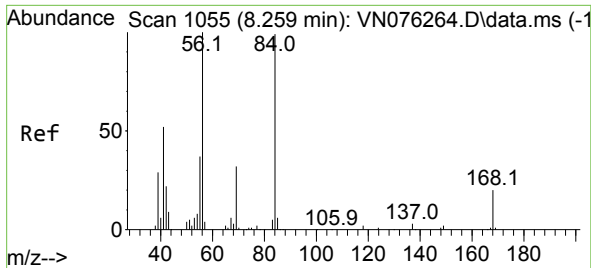


#25
2-Butanone
Concen: 2.216 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48



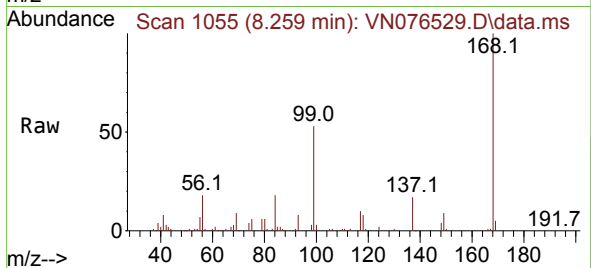
Tgt Ion: 43	Resp: 6909
Ion Ratio	Lower Upper
43 100	
72 24.3	27.4 41.2#



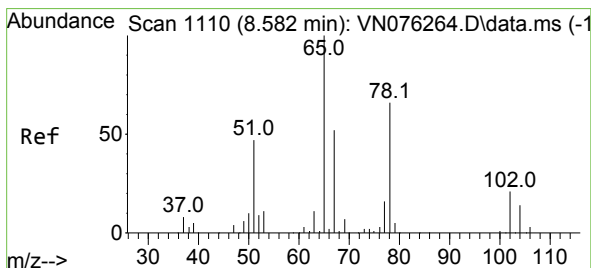
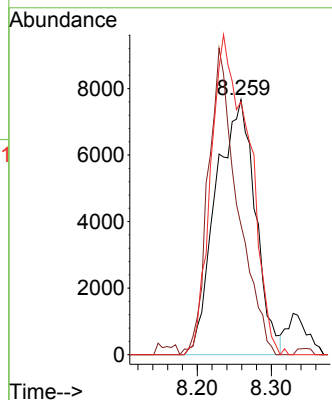
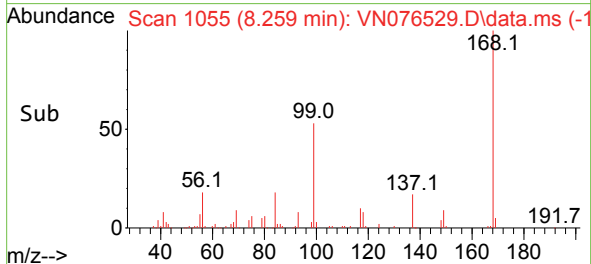


#31
Cyclohexane
Concen: 2.896 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
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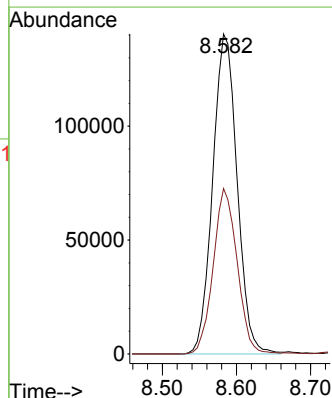
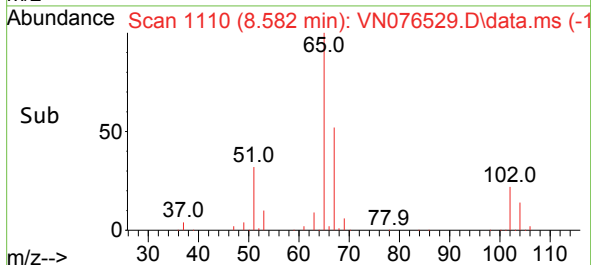
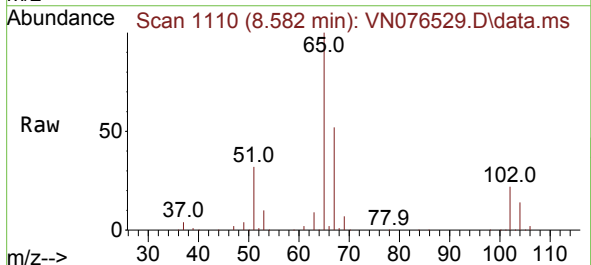


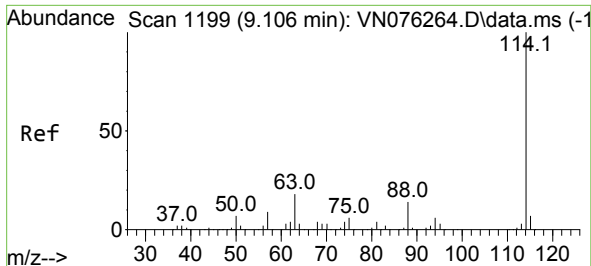
Tgt Ion: 56 Resp: 28330
Ion Ratio Lower Upper
56 100
69 50.8 25.8 38.8#
84 99.2 79.0 118.4



#33
1,2-Dichloroethane-d4
Concen: 50.466 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion: 65 Resp: 321370
Ion Ratio Lower Upper
65 100
67 50.7 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: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0202

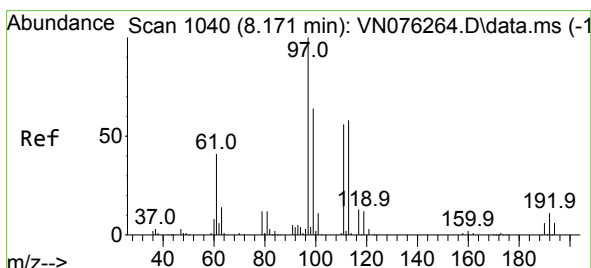
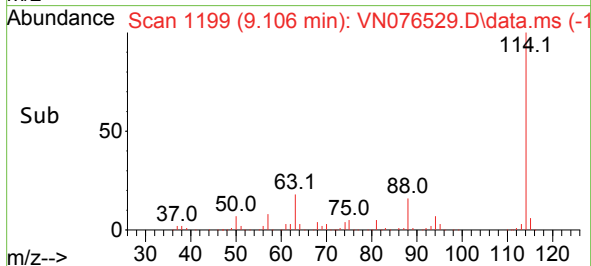
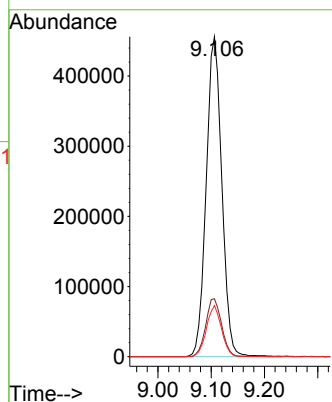
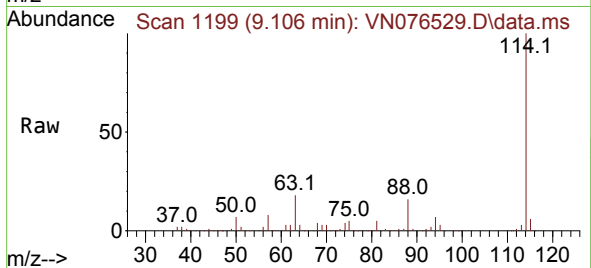
Tgt Ion:114 Resp: 929525

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.8

88 16.0 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.246 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

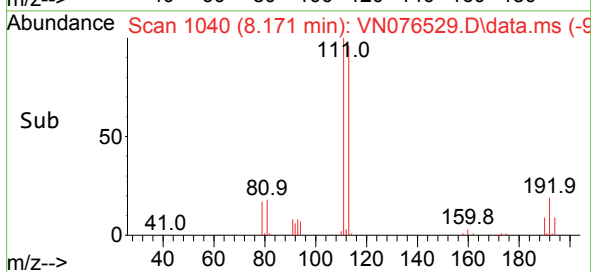
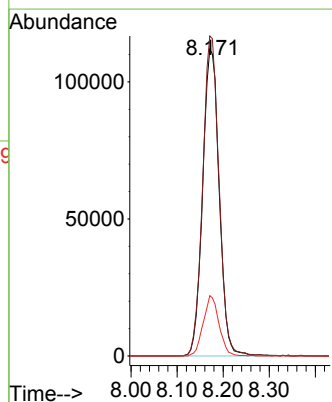
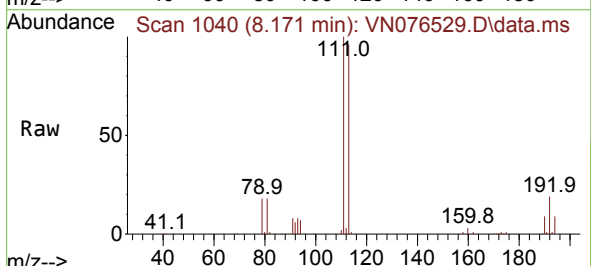
Tgt Ion:113 Resp: 280529

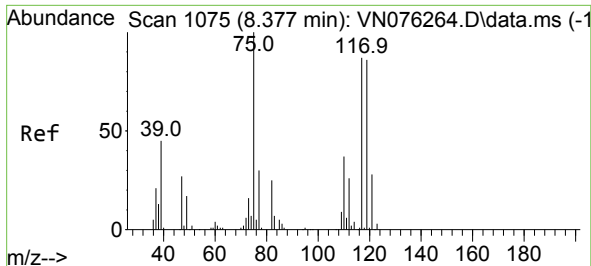
Ion Ratio Lower Upper

113 100

111 102.9 82.7 124.1

192 18.7 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.274 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.142 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0202

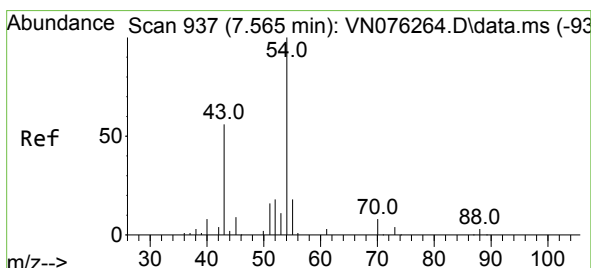
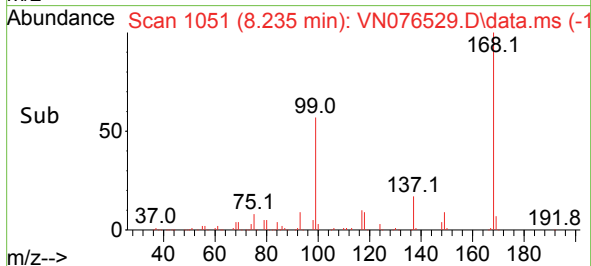
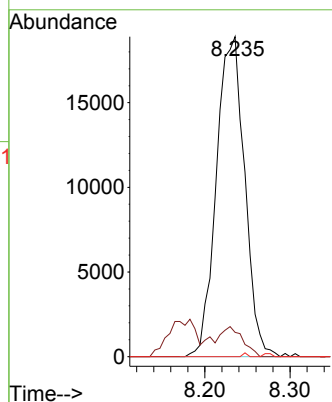
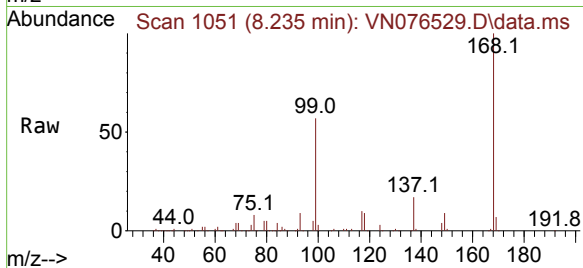
Tgt Ion: 75 Resp: 43577

Ion Ratio Lower Upper

75 100

110 8.9 18.8 56.3#

77 0.2 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.078 ug/l

RT: 7.500 min Scan# 926

Delta R.T. -0.065 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

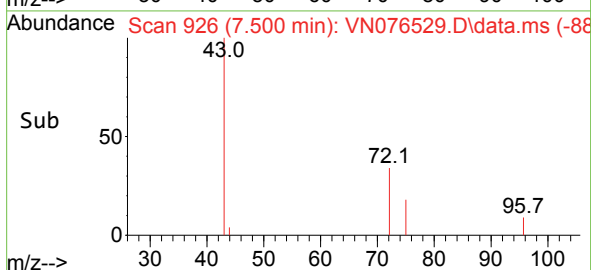
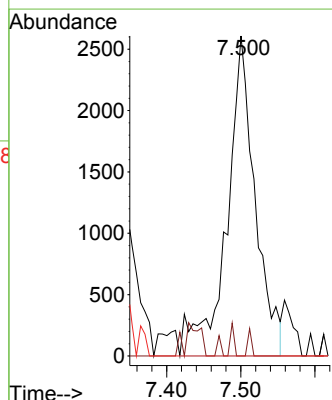
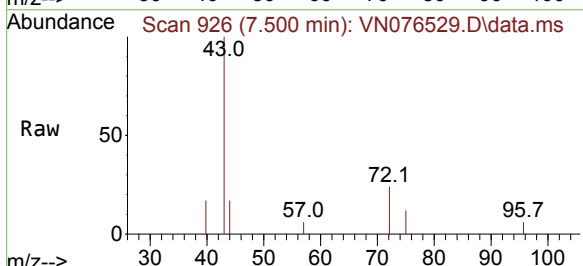
Tgt Ion: 43 Resp: 6909

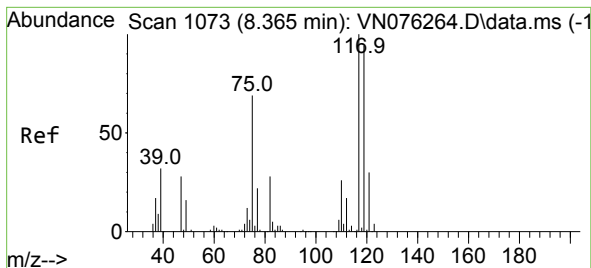
Ion Ratio Lower Upper

43 100

61 1.1 11.1 16.7#

70 0.0 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 6.313 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0202

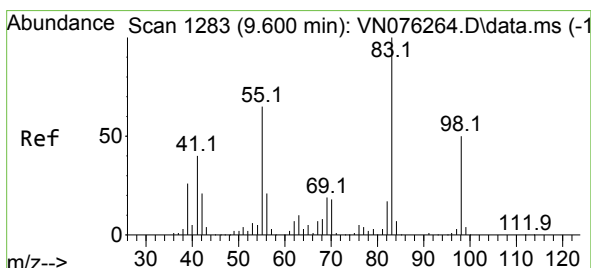
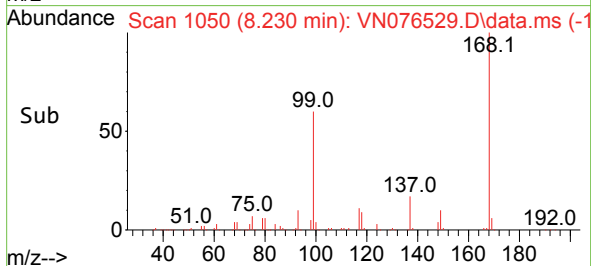
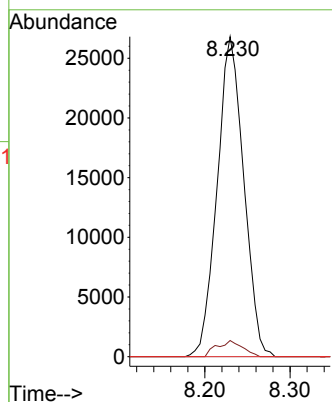
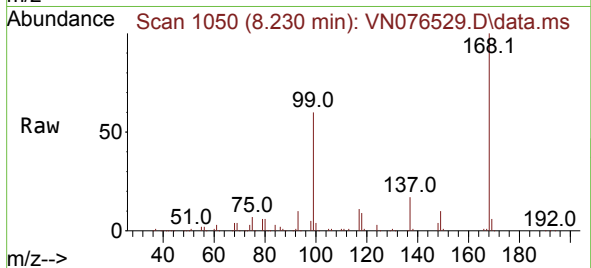
Tgt Ion:117 Resp: 58167

Ion Ratio Lower Upper

117 100

119 5.0 75.4 113.0#

121 0.0 24.2 36.2#



#39

Methylcyclohexane

Concen: 1.259 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

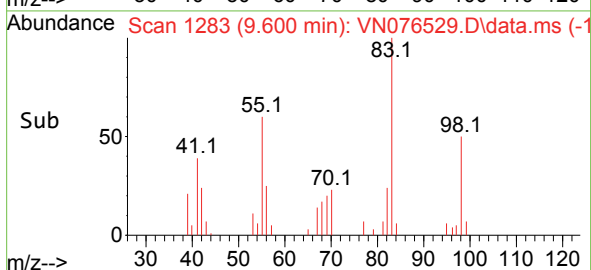
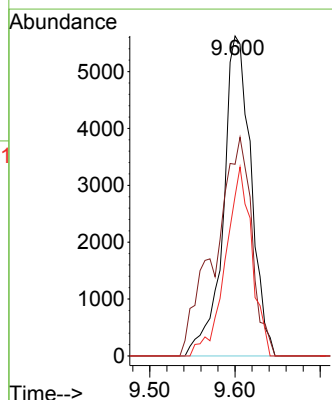
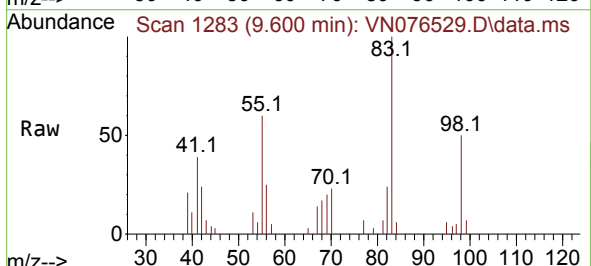
Tgt Ion: 83 Resp: 12702

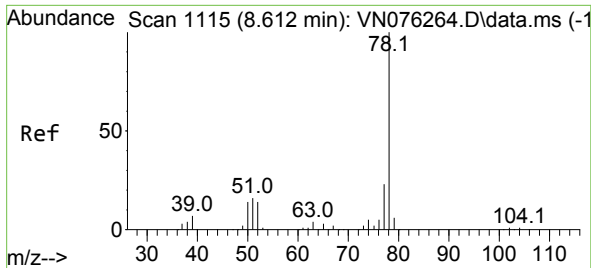
Ion Ratio Lower Upper

83 100

55 59.9 51.7 77.5

98 49.9 40.0 60.0

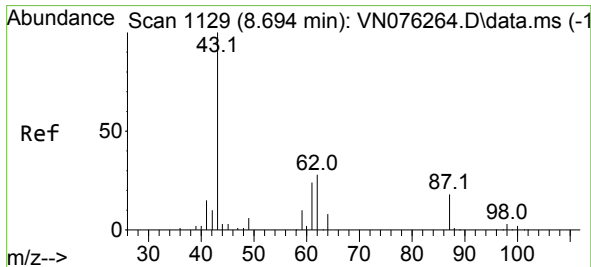
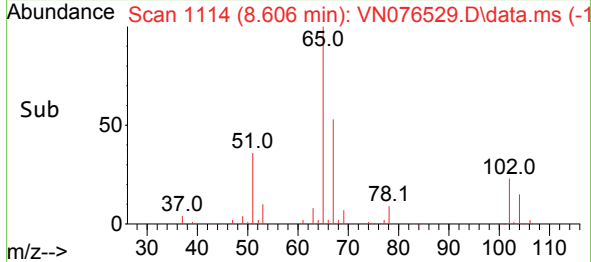
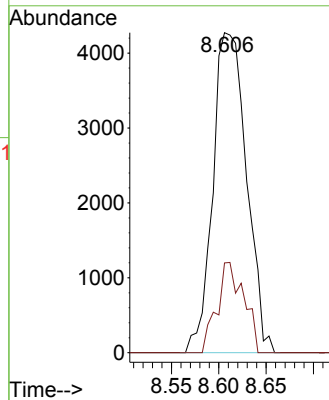
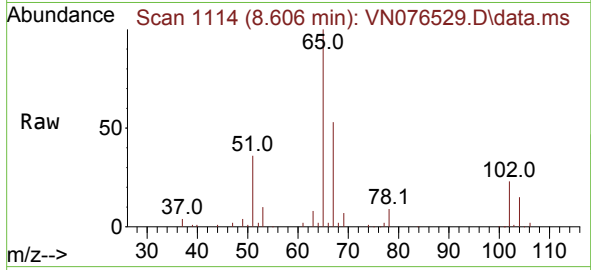




#40
Benzene
Concen: 0.428 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

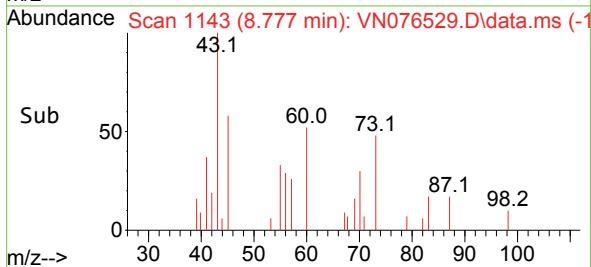
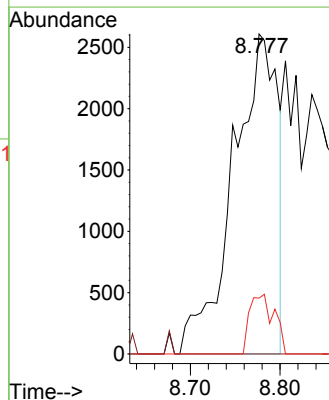
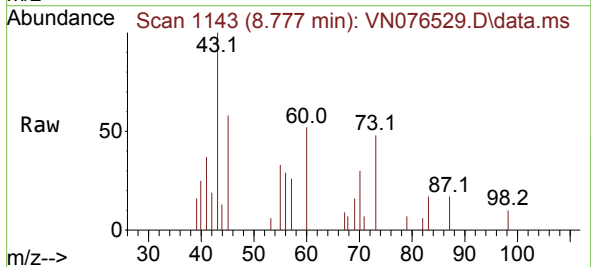
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

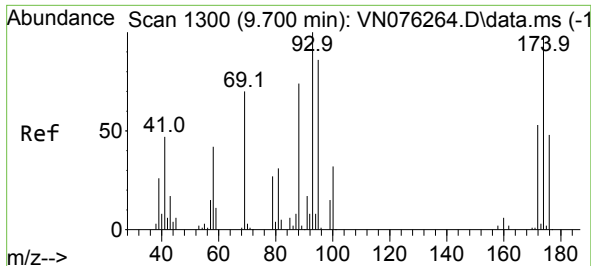
Tgt Ion: 78 Resp: 10563
Ion Ratio Lower Upper
78 100
77 28.0 18.6 28.0#



#43
Isopropyl Acetate
Concen: 0.830 ug/l
RT: 8.777 min Scan# 1143
Delta R.T. 0.083 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion: 43 Resp: 8950
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 10.3 13.8 20.6#





#49

1,4-Dioxane

Concen: 0.492 ug/l

RT: 9.712 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0202

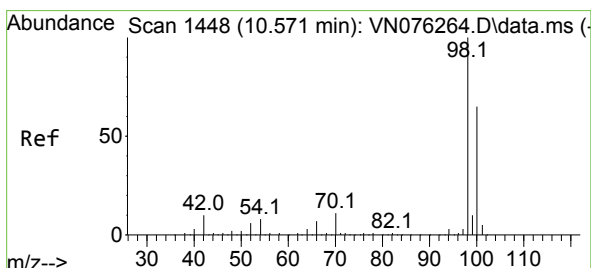
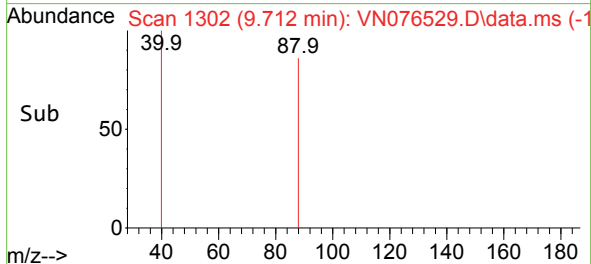
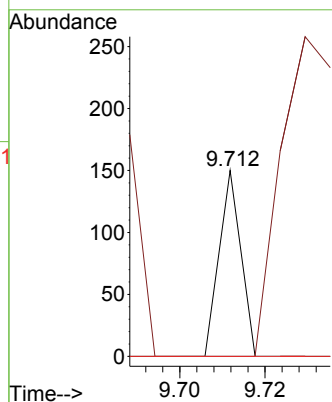
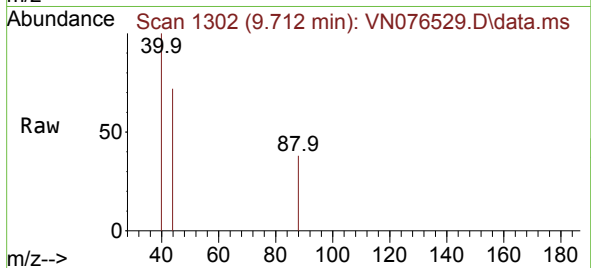
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1#

58 0.0 46.5 69.7#



#50

Toluene-d8

Concen: 50.433 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076529.D

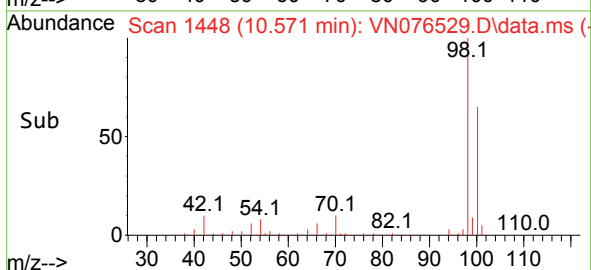
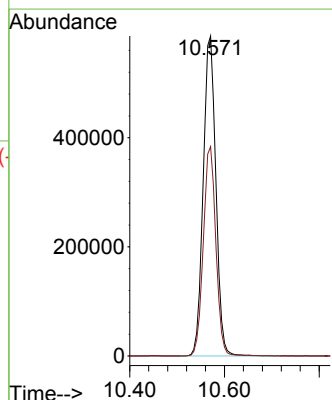
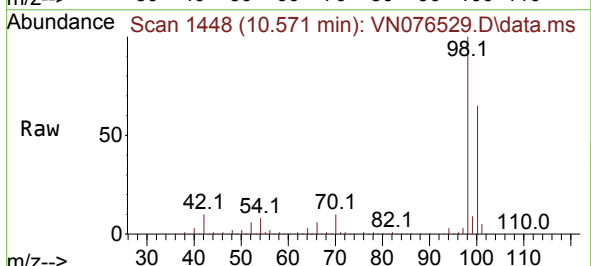
Acq: 03 Feb 2023 13:48

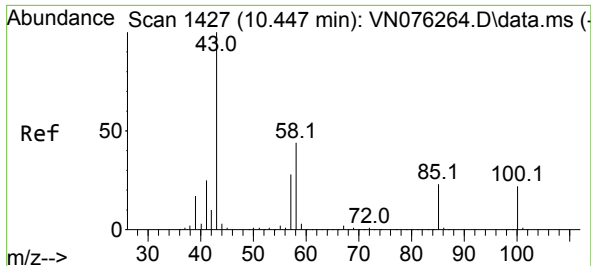
Tgt Ion: 98 Resp: 1083001

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4

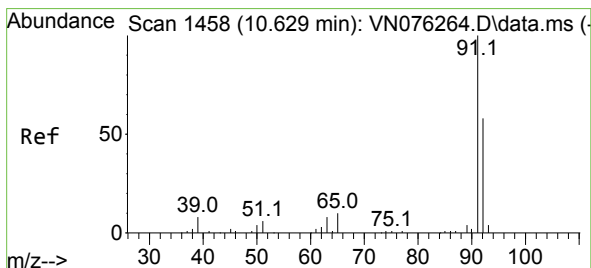
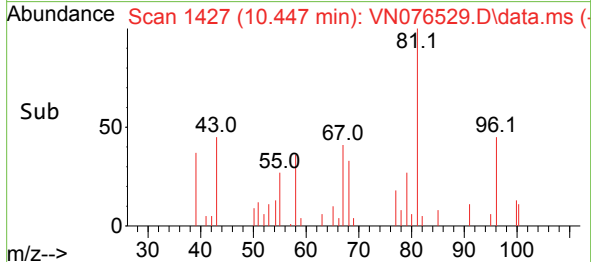
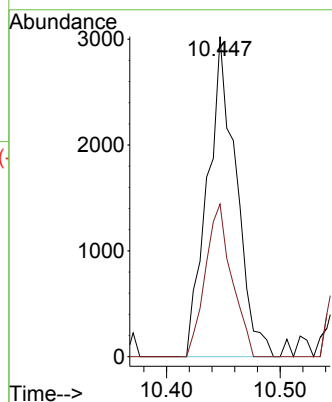
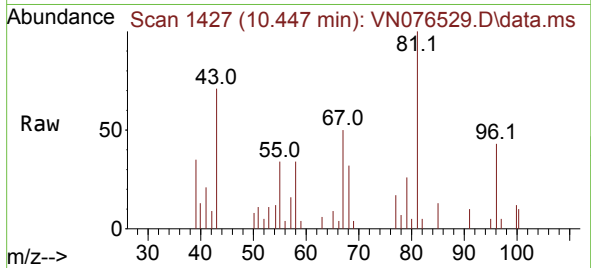




#51
4-Methyl-2-Pentanone
Concen: 0.837 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

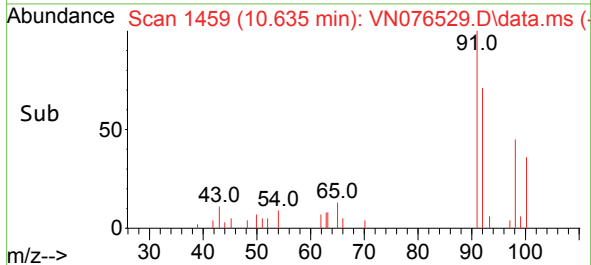
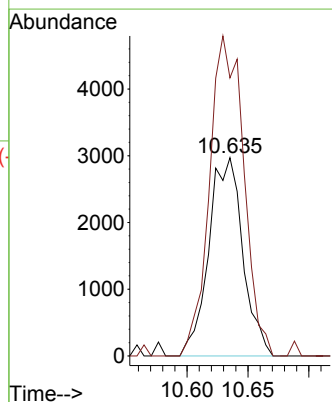
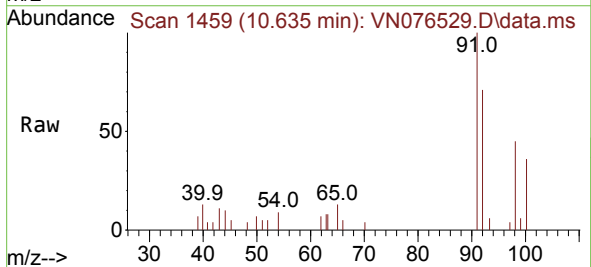
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

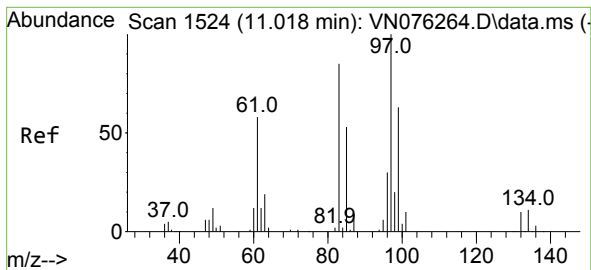
Tgt Ion: 43 Resp: 5299
Ion Ratio Lower Upper
43 100
58 44.0 35.1 52.7



#52
Toluene
Concen: 0.349 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion: 92 Resp: 5768
Ion Ratio Lower Upper
92 100
91 162.4 136.6 205.0





#55

1,1,2-Trichloroethane

Concen: 0.268 ug/l

RT: 11.006 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0202

Tgt Ion: 97 Resp: 1693

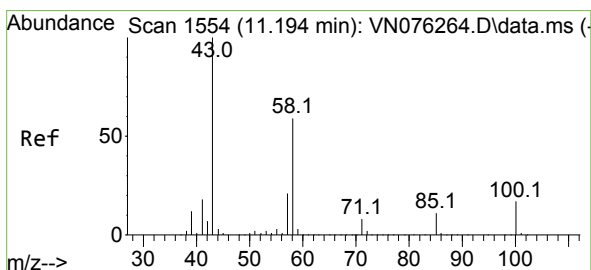
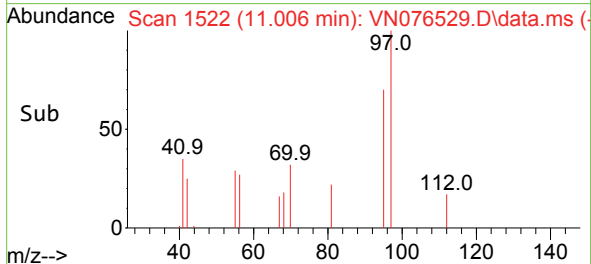
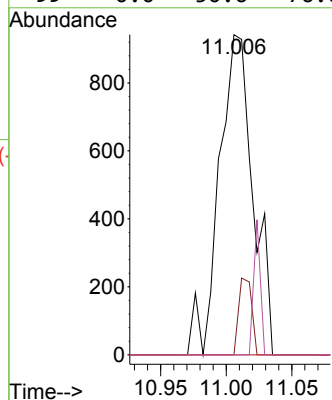
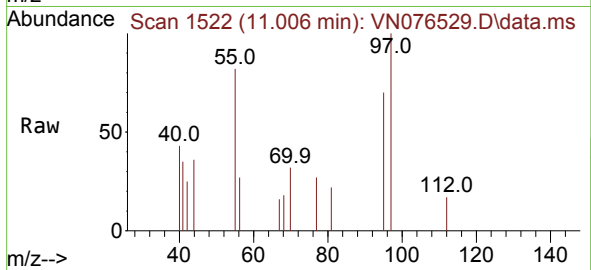
Ion Ratio Lower Upper

97 100

83 0.0 67.8 101.6#

85 0.0 42.3 63.5#

99 0.0 50.6 76.0#



#59

2-Hexanone

Concen: 1.676 ug/l

RT: 11.194 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VN076529.D

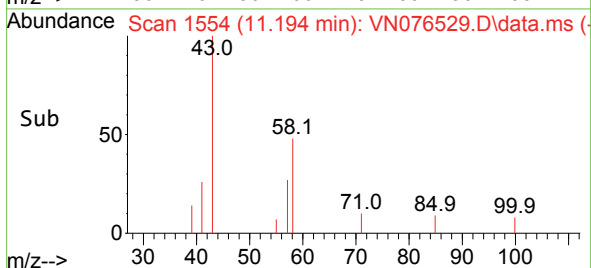
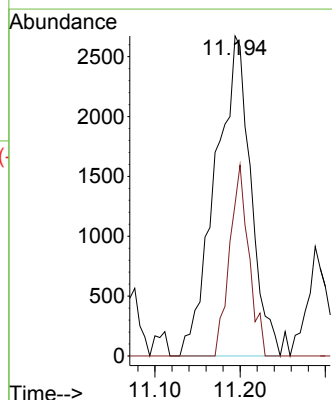
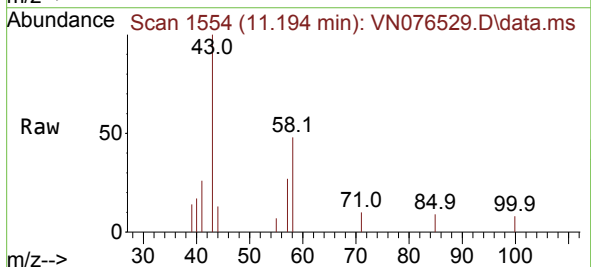
Acq: 03 Feb 2023 13:48

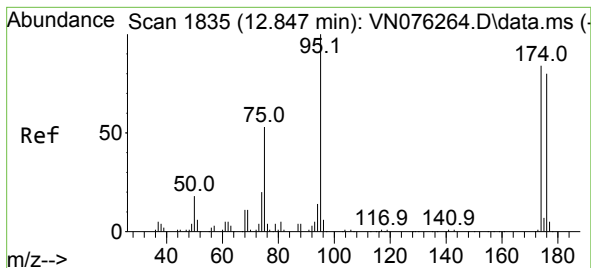
Tgt Ion: 43 Resp: 7685

Ion Ratio Lower Upper

43 100

58 32.6 30.1 90.3





#62

4-Bromofluorobenzene

Concen: 53.452 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0202

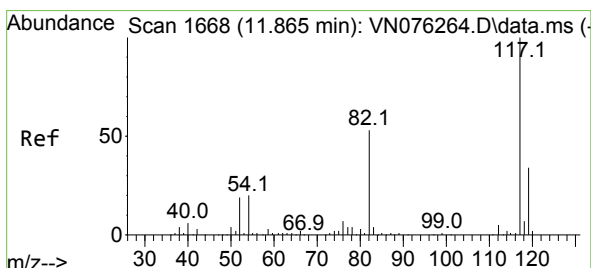
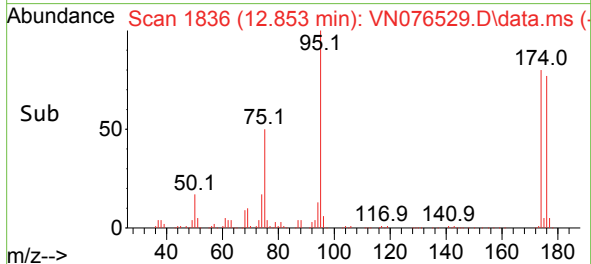
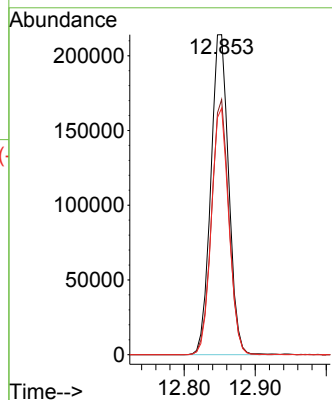
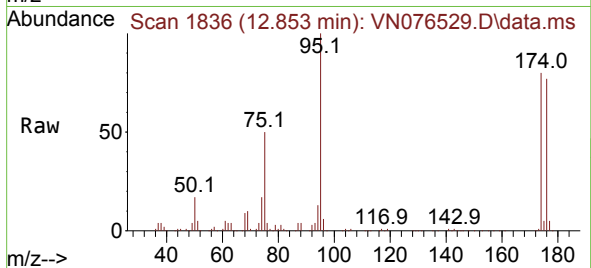
Tgt Ion: 95 Resp: 374709

Ion Ratio Lower Upper

95 100

174 77.5 0.0 174.6

176 75.2 0.0 167.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

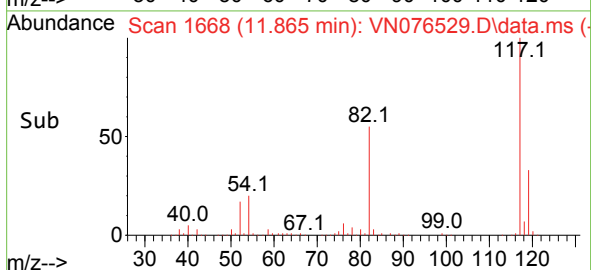
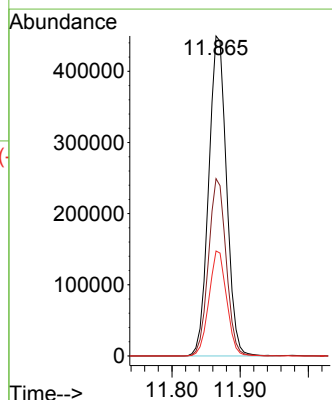
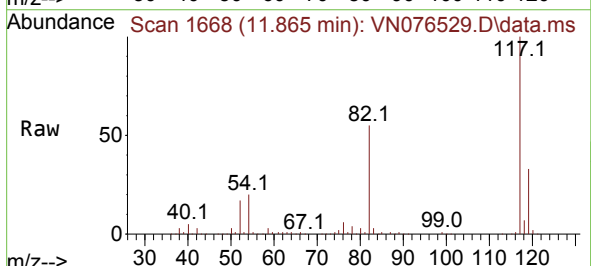
Tgt Ion: 117 Resp: 817868

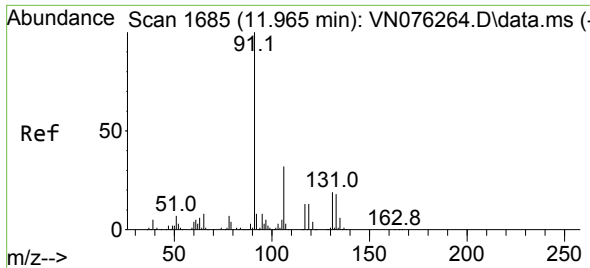
Ion Ratio Lower Upper

117 100

82 55.4 42.2 63.2

119 32.8 26.9 40.3





#67

Ethyl Benzene

Concen: 31.170 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

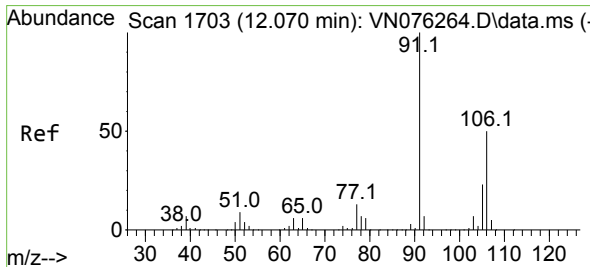
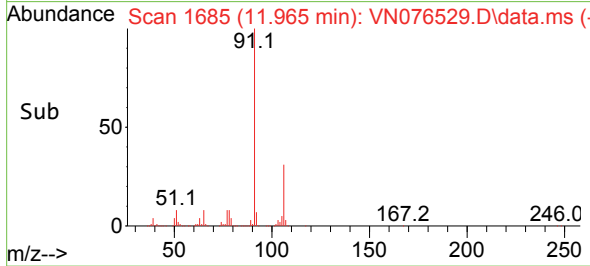
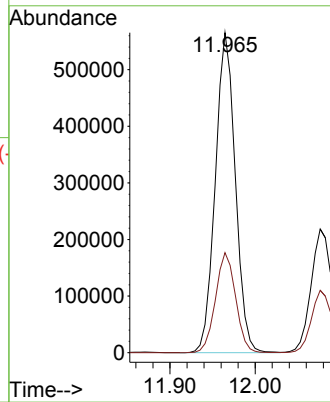
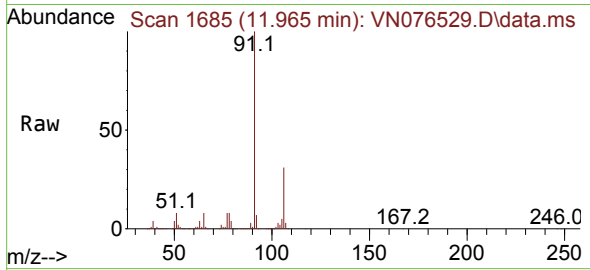
MW-10-0202

Tgt Ion: 91 Resp: 922285

Ion Ratio Lower Upper

91 100

106 31.2 25.5 38.3



#68

m/p-Xylenes

Concen: 15.617 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VN076529.D

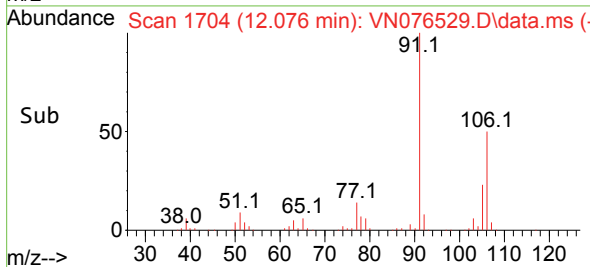
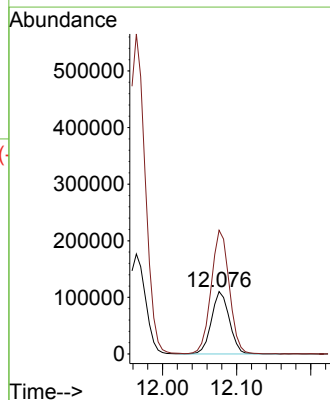
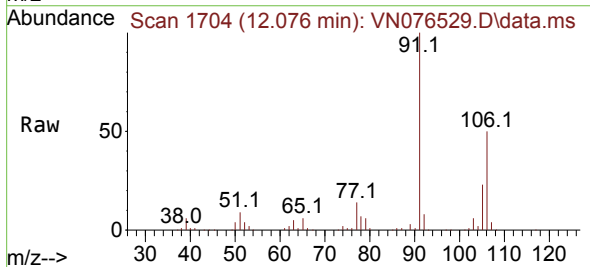
Acq: 03 Feb 2023 13:48

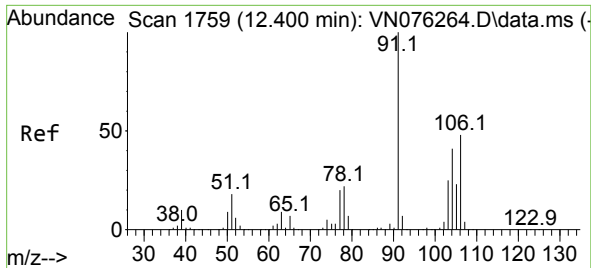
Tgt Ion:106 Resp: 185298

Ion Ratio Lower Upper

106 100

91 200.3 157.5 236.3

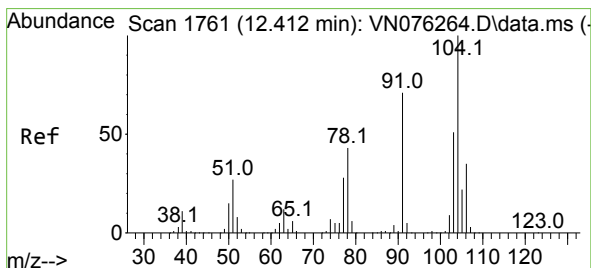
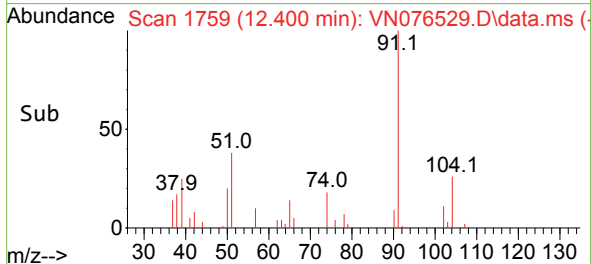
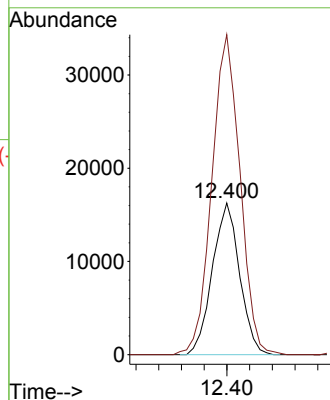
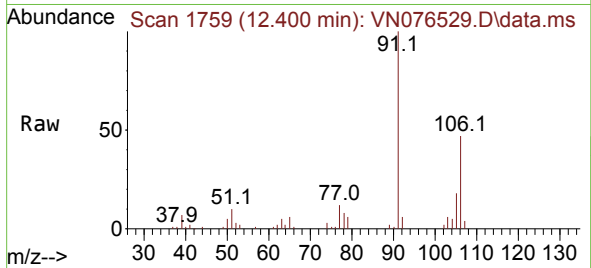




#69
o-Xylene
Concen: 2.323 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

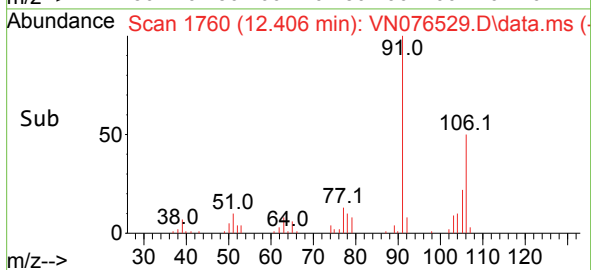
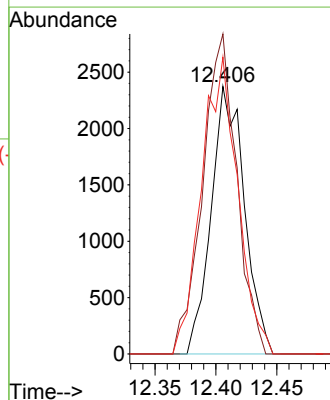
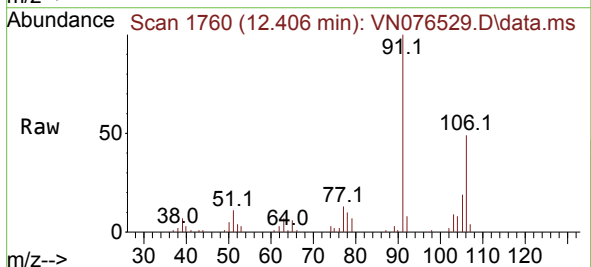
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

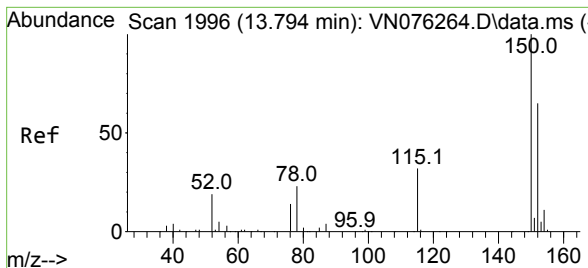
Tgt Ion:106 Resp: 27071
Ion Ratio Lower Upper
106 100
91 218.2 103.2 309.4



#70
Styrene
Concen: 0.241 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion:104 Resp: 4485
Ion Ratio Lower Upper
104 100
78 123.3 37.4 56.0#
103 121.7 44.2 66.2#

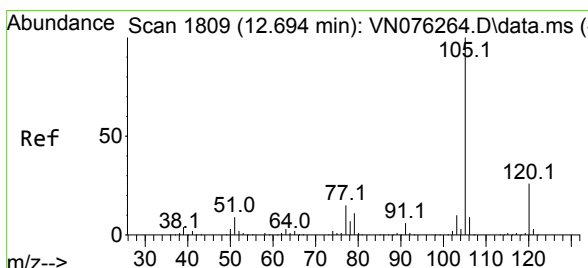
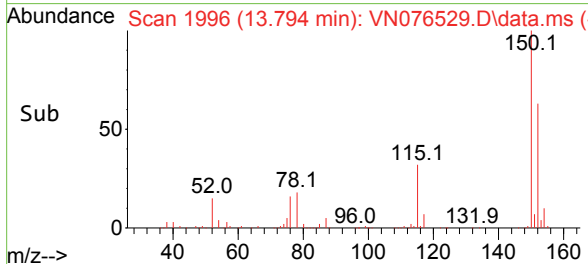
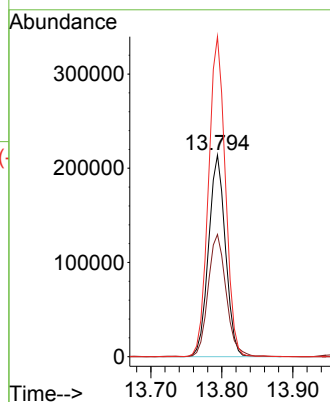
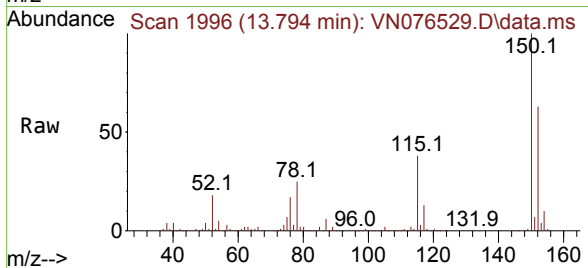




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

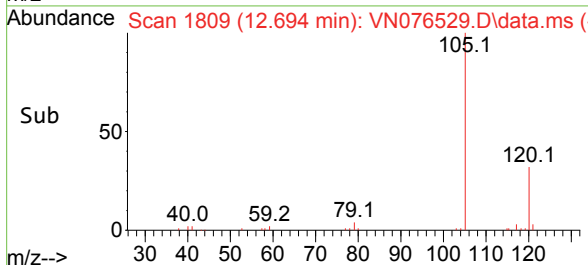
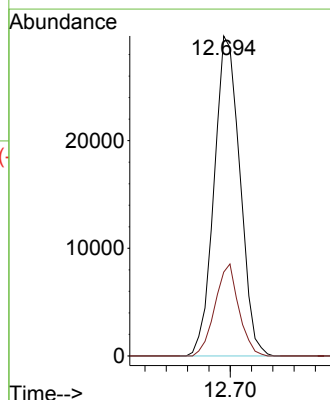
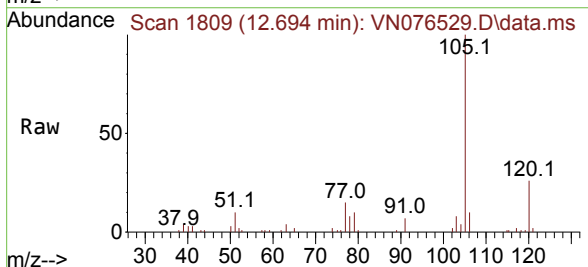
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

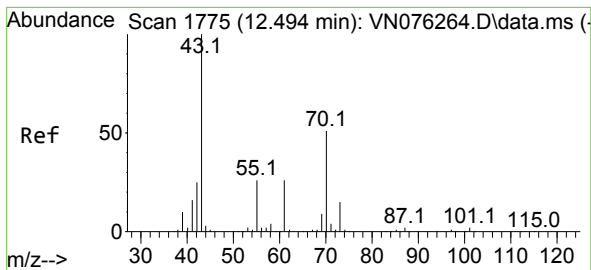
Tgt Ion:152 Resp: 353317
Ion Ratio Lower Upper
152 100
115 65.1 29.6 88.9
150 158.2 0.0 351.4



#73
Isopropylbenzene
Concen: 1.828 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion:105 Resp: 49951
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1





#74

N-amy1 acetate

Concen: 0.282 ug/l

RT: 12.500 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0202

Tgt Ion: 43 Resp: 2218

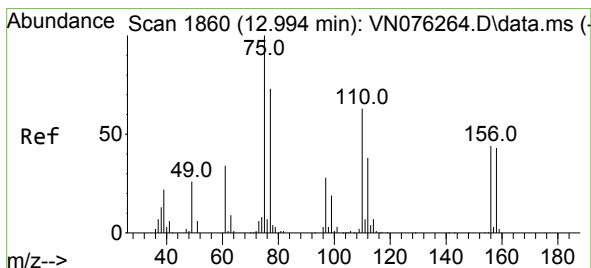
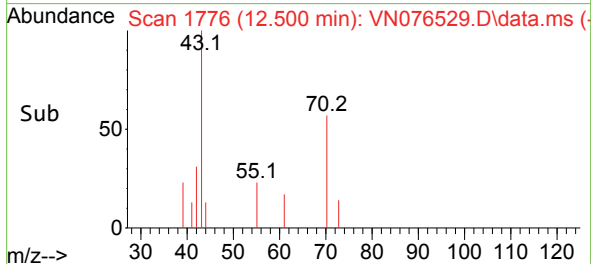
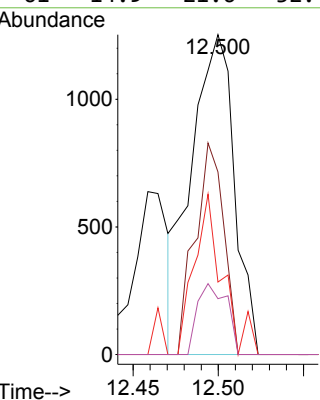
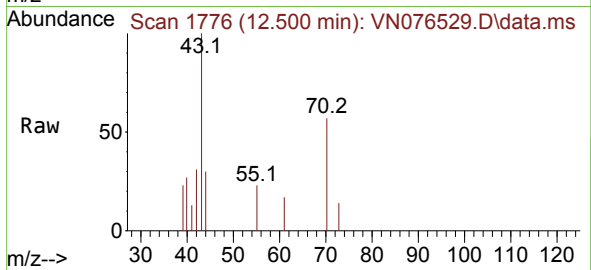
Ion Ratio Lower Upper

43 100

70 43.9 41.2 61.8

55 32.9 21.0 31.6#

61 14.9 21.6 32.4#



#76

1,2,3-Trichloropropane

Concen: 28.756 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076529.D

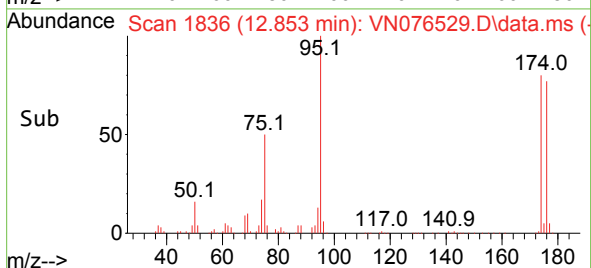
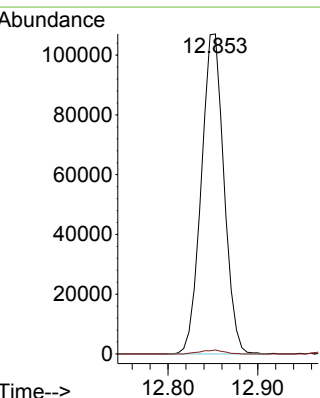
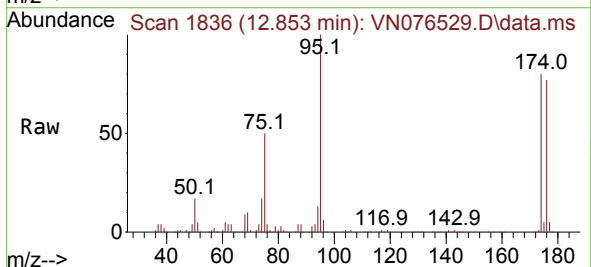
Acq: 03 Feb 2023 13:48

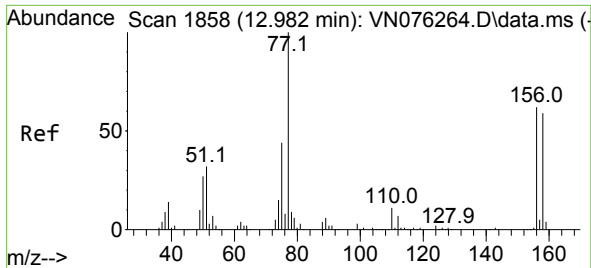
Tgt Ion: 75 Resp: 187684

Ion Ratio Lower Upper

75 100

77 1.3 75.2 225.6#

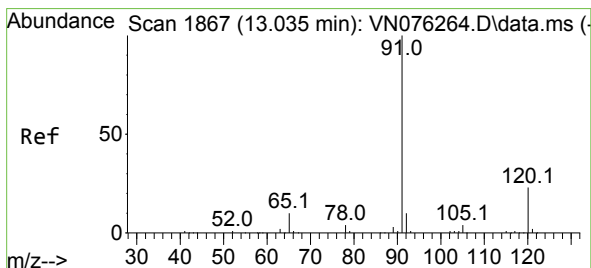
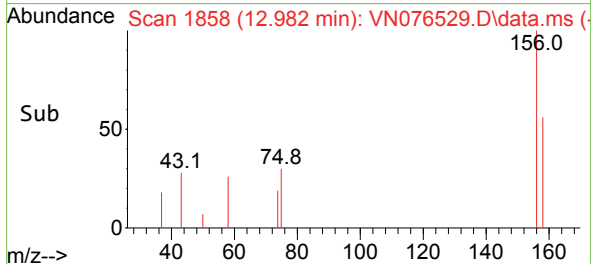
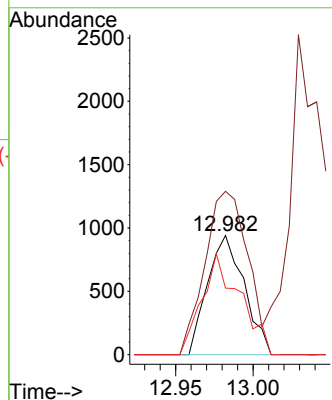
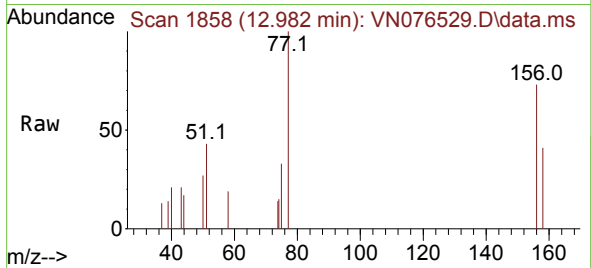




#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

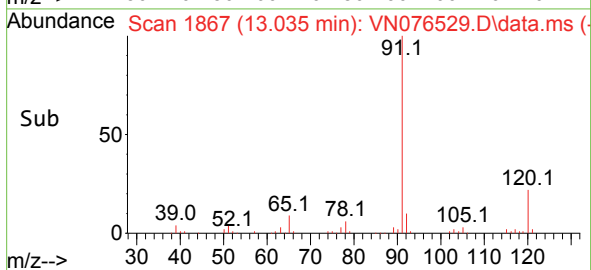
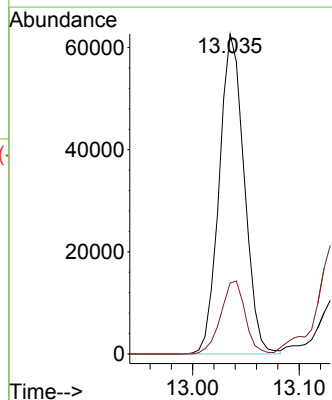
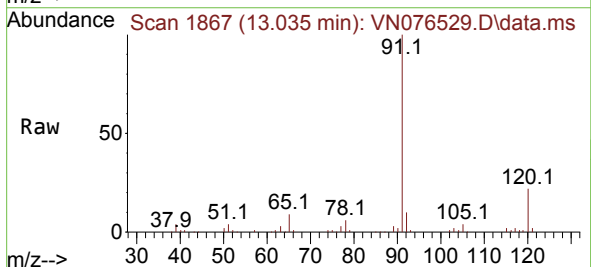
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

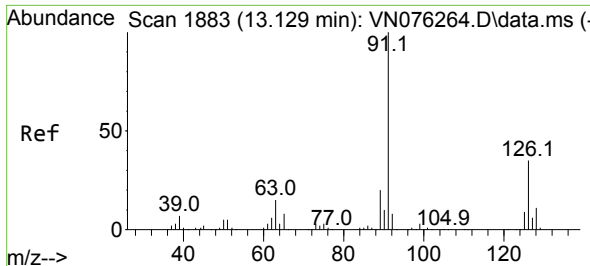
Tgt Ion:156 Resp: 1548
Ion Ratio Lower Upper
156 100
77 159.6 93.4 280.2
158 87.5 48.4 145.2



#78
n-propylbenzene
Concen: 3.308 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion: 91 Resp: 102018
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5

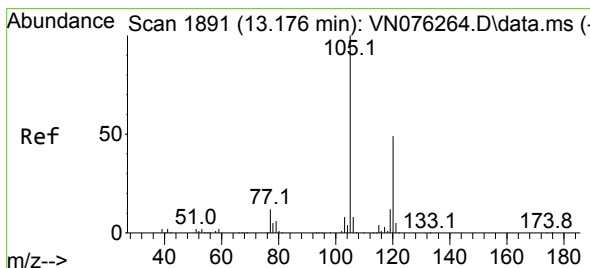
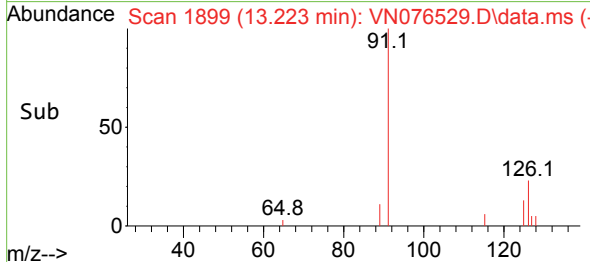
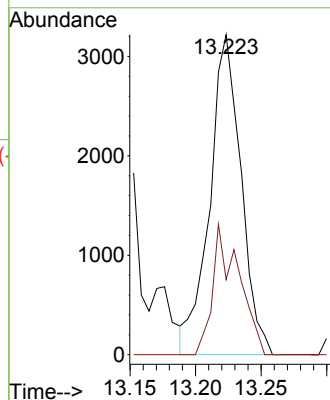
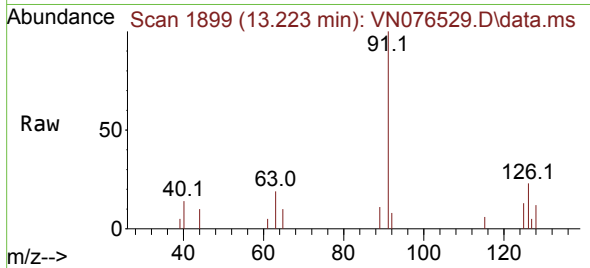




#79
2-Chlorotoluene
Concen: 0.281 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.094 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

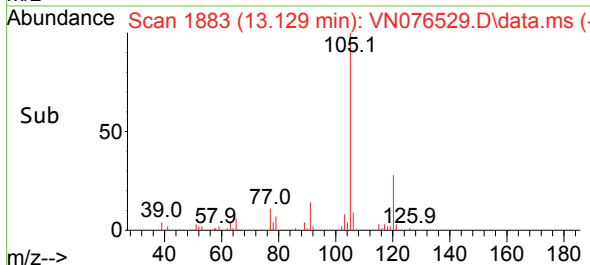
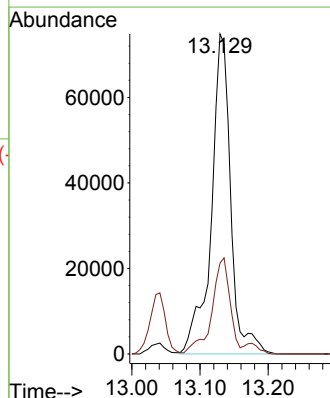
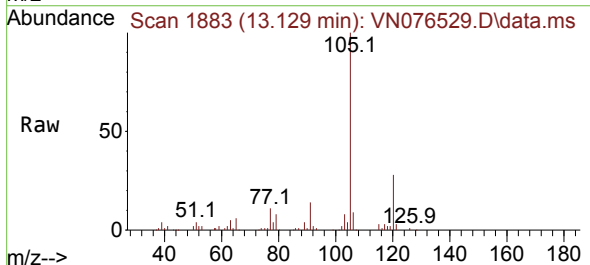
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

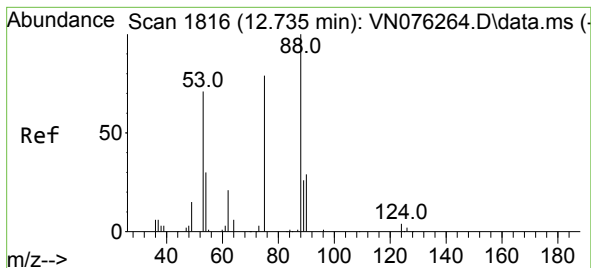
Tgt Ion	Resp	Ion Ratio	Lower	Upper
91	5325	100		
126		34.3	17.4	52.2



#80
1,3,5-Trimethylbenzene
Concen: 6.494 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.047 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion	Resp	Ion Ratio	Lower	Upper
105	148701	100		
120		27.5	25.0	75.0

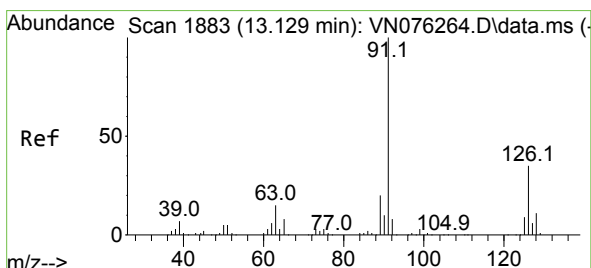
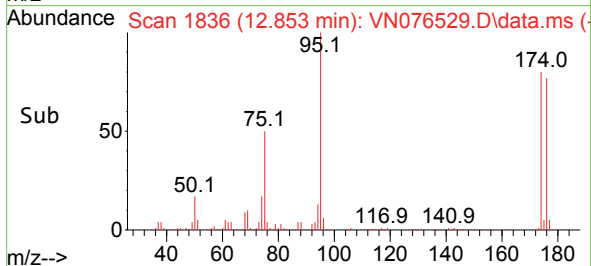
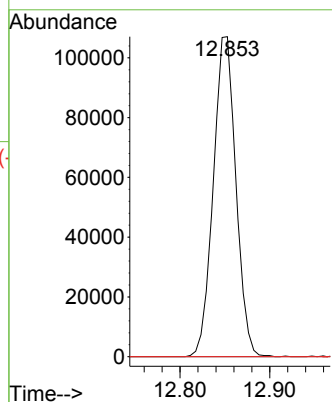
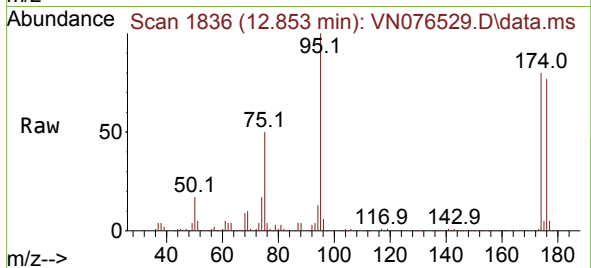




#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.384 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.118 min
 Lab File: VN076529.D
 Acq: 03 Feb 2023 13:48

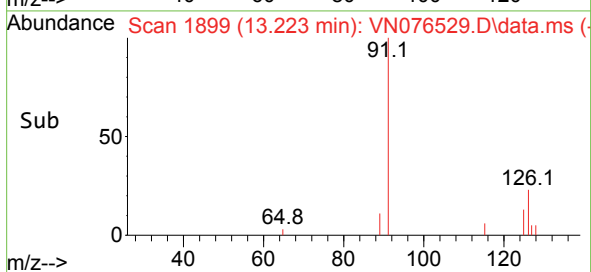
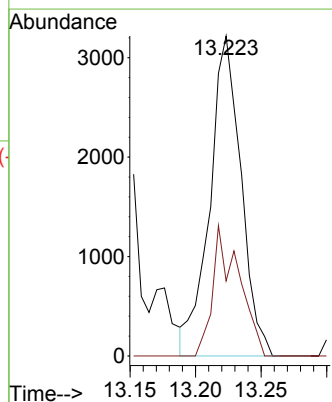
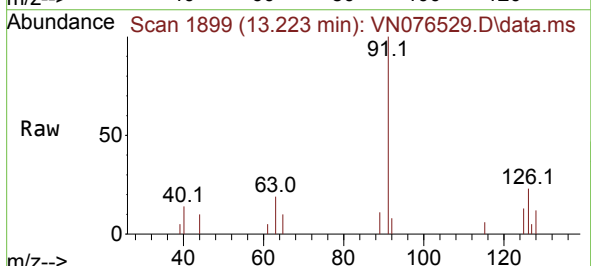
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10-0202

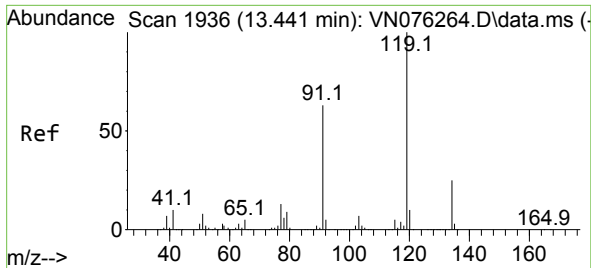
Tgt Ion: 75 Resp: 187684
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 37.0 55.6#



#82
 4-Chlorotoluene
 Concen: 0.281 ug/l
 RT: 13.223 min Scan# 1899
 Delta R.T. 0.094 min
 Lab File: VN076529.D
 Acq: 03 Feb 2023 13:48

Tgt Ion: 91 Resp: 5325
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.4 52.2

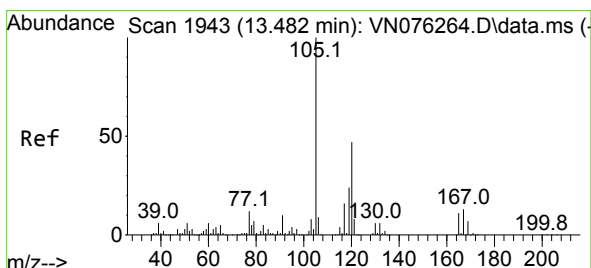
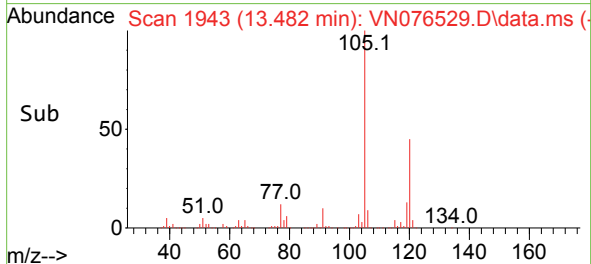
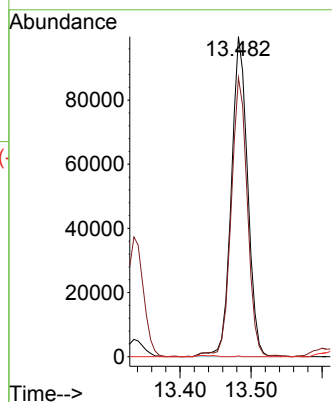
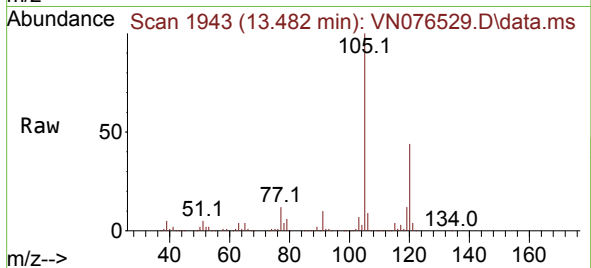




#83
tert-Butylbenzene
Concen: 7.833 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.041 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

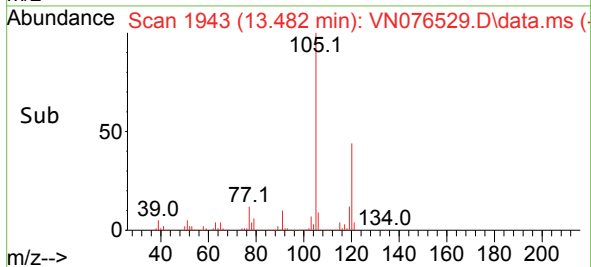
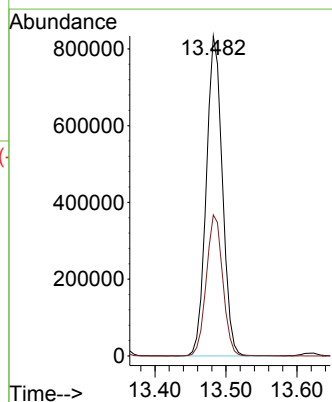
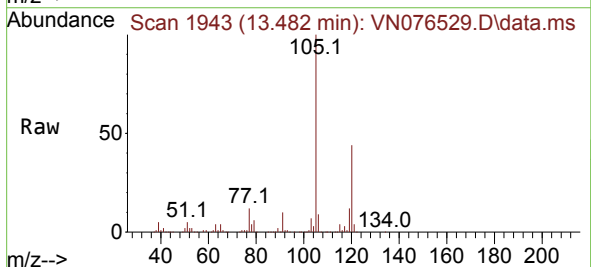
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

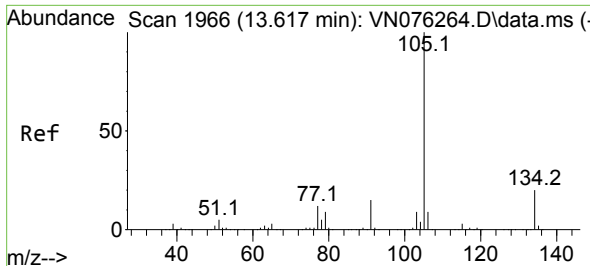
Tgt Ion:119 Resp: 159524
Ion Ratio Lower Upper
119 100
91 86.7 32.2 96.6
134 0.0 13.6 40.8#



#84
1,2,4-Trimethylbenzene
Concen: 57.137 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion:105 Resp: 1311899
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.5

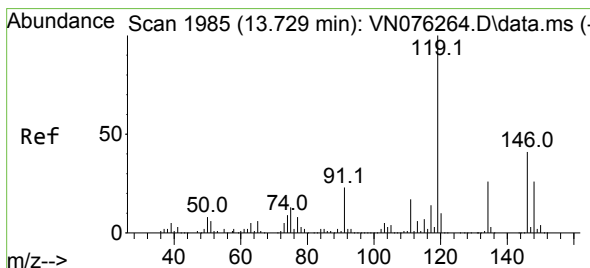
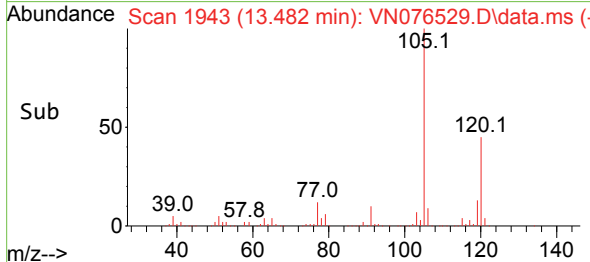
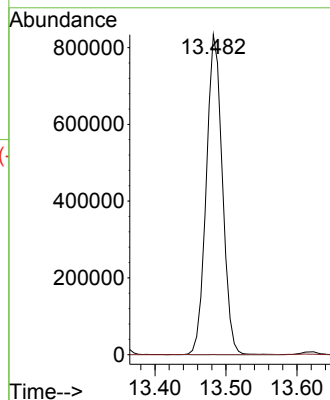
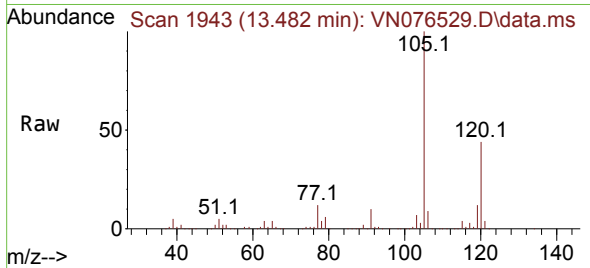




#85
 sec-Butylbenzene
 Concen: 46.423 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.135 min
 Lab File: VN076529.D
 Acq: 03 Feb 2023 13:48

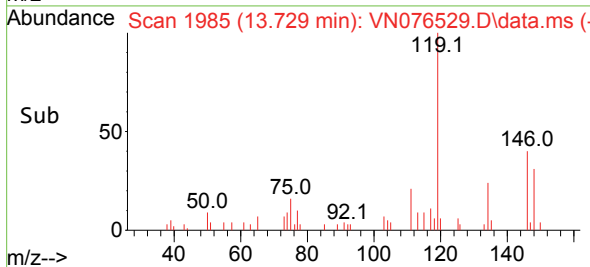
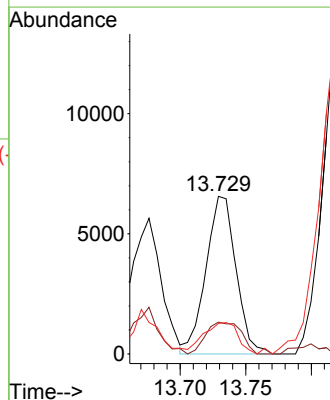
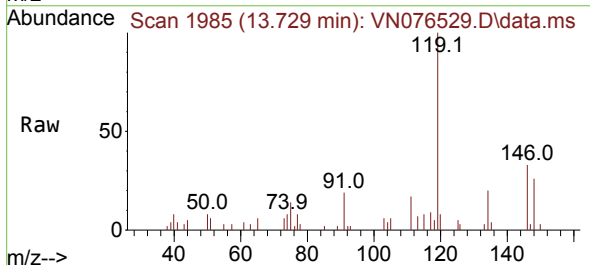
Instrument :
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 ClientSampleId :
 MW-10-0202

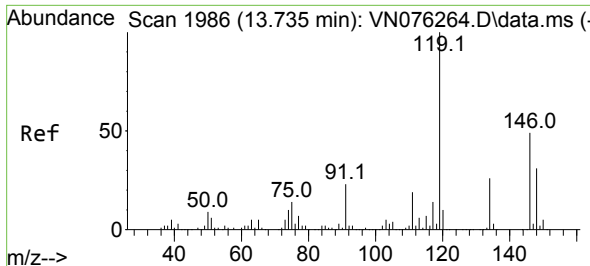
Tgt Ion:105 Resp: 1311899
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 0.450 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076529.D
 Acq: 03 Feb 2023 13:48

Tgt Ion:119 Resp: 10455
 Ion Ratio Lower Upper
 119 100
 134 23.7 13.2 39.6
 91 0.0 11.8 35.3#

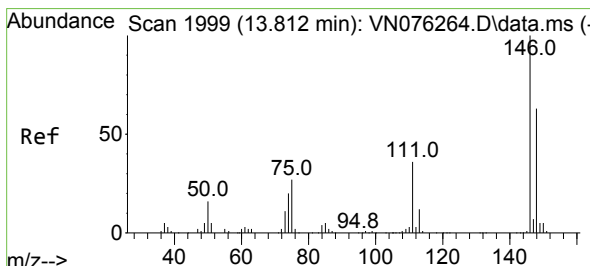
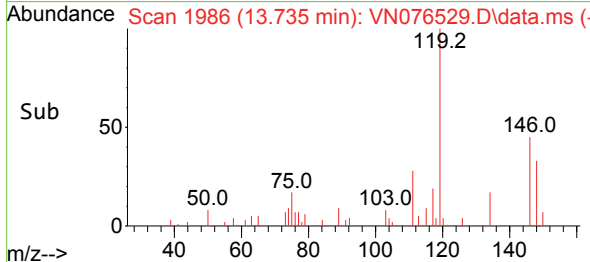
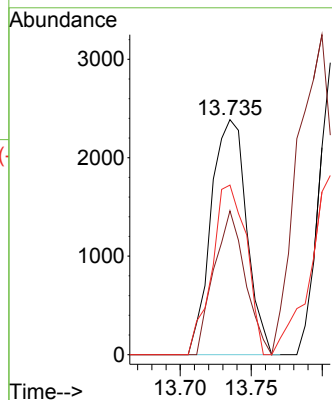
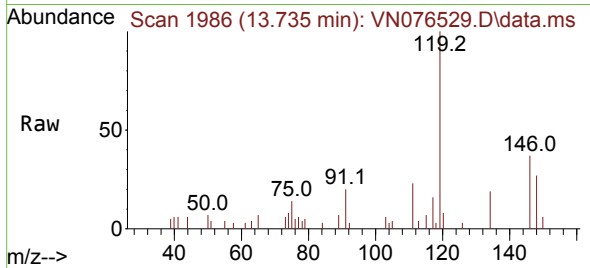




#87
 1,3-Dichlorobenzene
 Concen: 0.322 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076529.D
 Acq: 03 Feb 2023 13:48

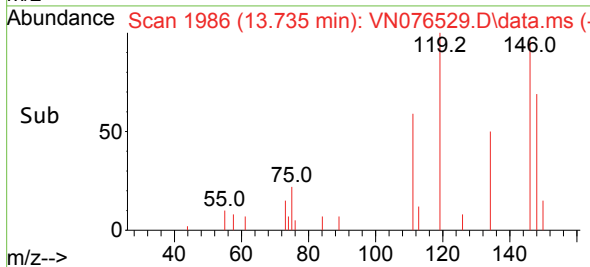
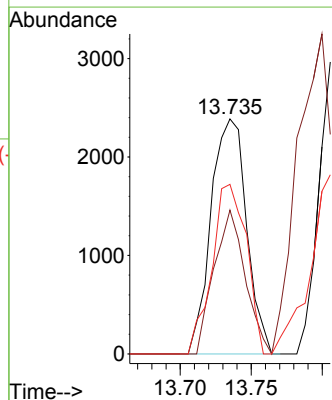
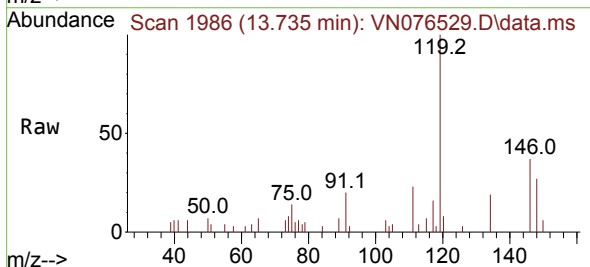
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10-0202

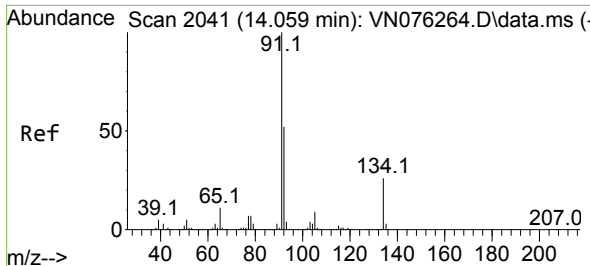
Tgt Ion:146 Resp: 4153
 Ion Ratio Lower Upper
 146 100
 111 53.7 19.9 59.7
 148 70.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 0.439 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.077 min
 Lab File: VN076529.D
 Acq: 03 Feb 2023 13:48

Tgt Ion:146 Resp: 4153
 Ion Ratio Lower Upper
 146 100
 111 53.7 19.1 57.5
 148 70.0 31.9 95.9

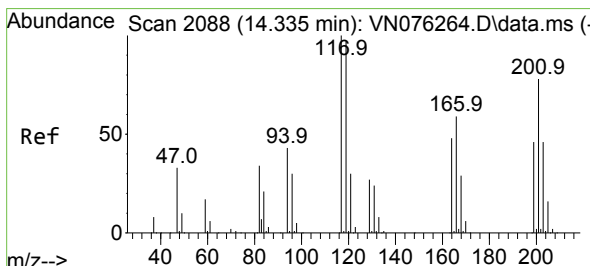
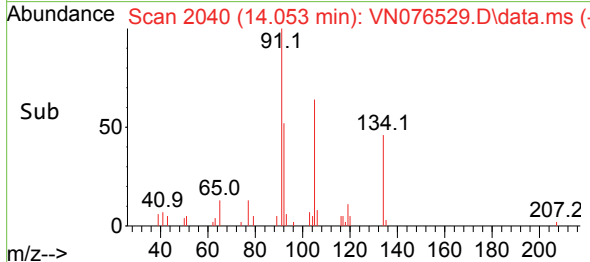
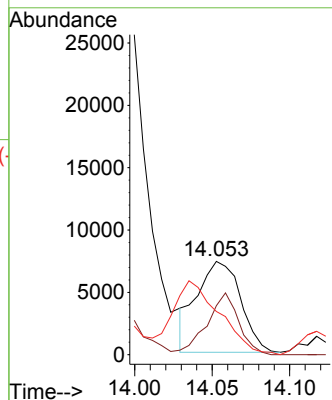
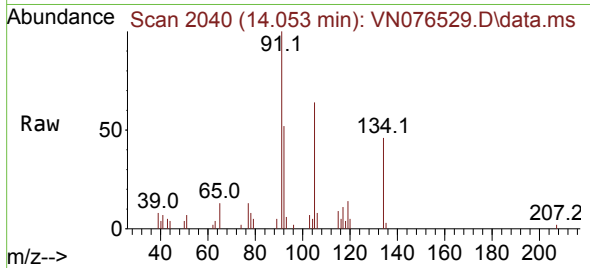




#89
n-Butylbenzene
Concen: 0.777 ug/l
RT: 14.053 min Scan# 2041
Delta R.T. -0.006 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

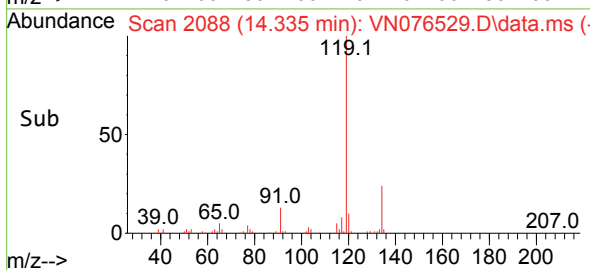
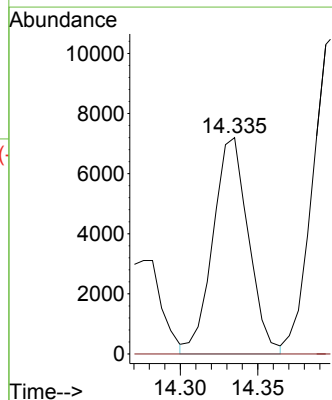
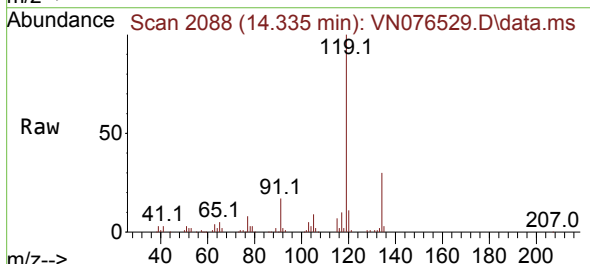
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0202

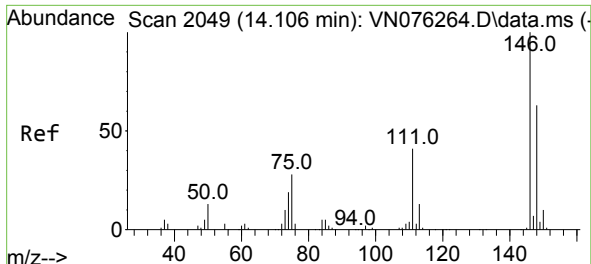
Tgt Ion: 91 Resp: 14336
Ion Ratio Lower Upper
91 100
92 49.5 26.3 78.9
134 0.0 13.2 39.5#



#90
Hexachloroethane
Concen: 2.855 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076529.D
Acq: 03 Feb 2023 13:48

Tgt Ion: 117 Resp: 11450
Ion Ratio Lower Upper
117 100
201 0.0 37.3 111.9#





#91

1,2-Dichlorobenzene

Concen: 0.323 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0202

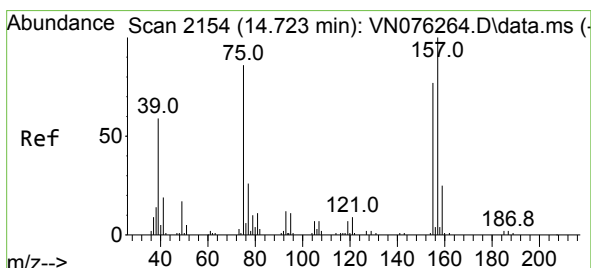
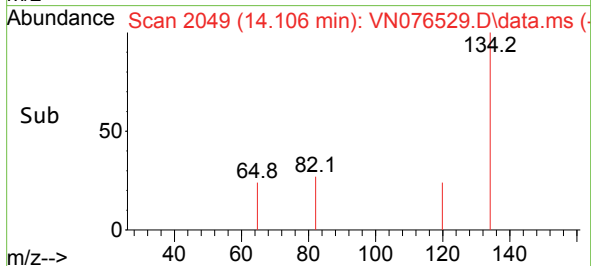
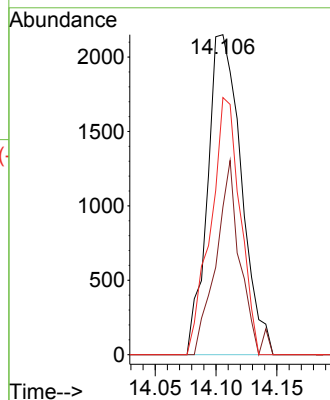
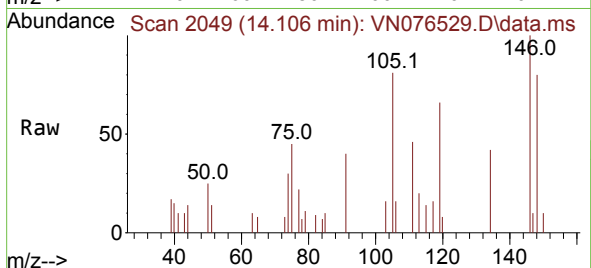
Tgt Ion:146 Resp: 4145

Ion Ratio Lower Upper

146 100

111 43.6 20.3 60.8

148 70.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.712 ug/l

RT: 14.700 min Scan# 2150

Delta R.T. -0.023 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

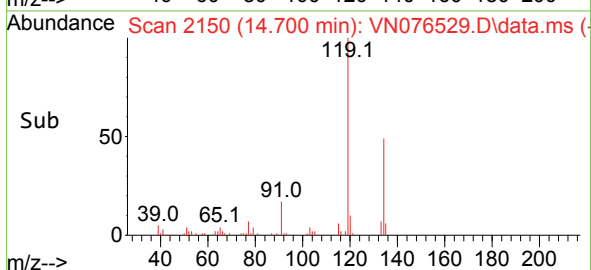
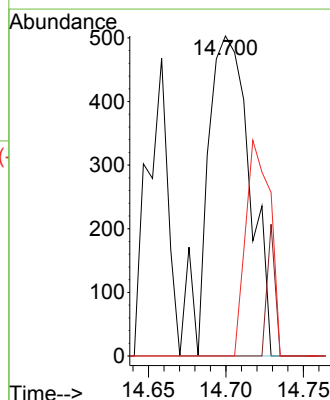
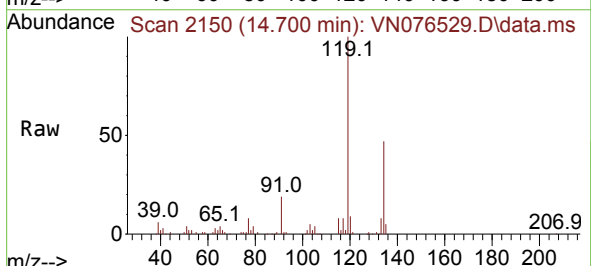
Tgt Ion: 75 Resp: 972

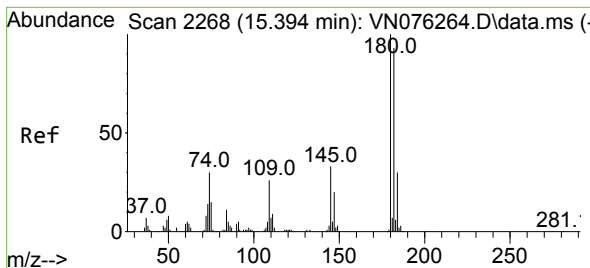
Ion Ratio Lower Upper

75 100

155 0.0 45.0 135.0#

157 0.0 58.3 174.9#





#93

1,2,4-Trichlorobenzene

Concen: 2.250 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0202

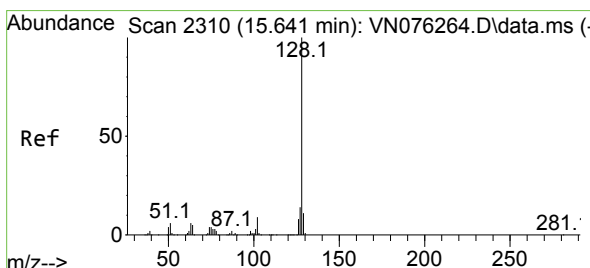
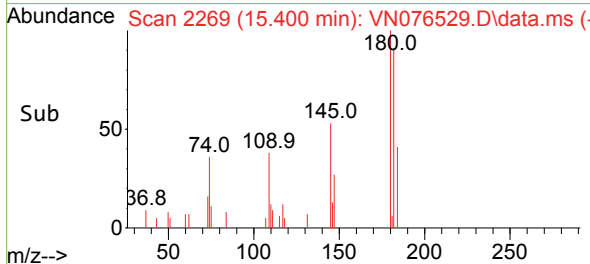
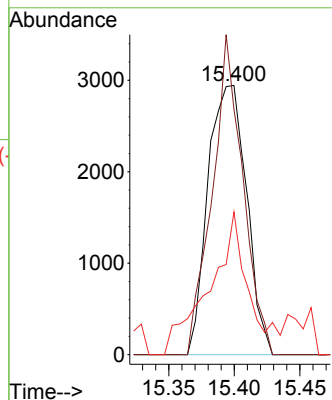
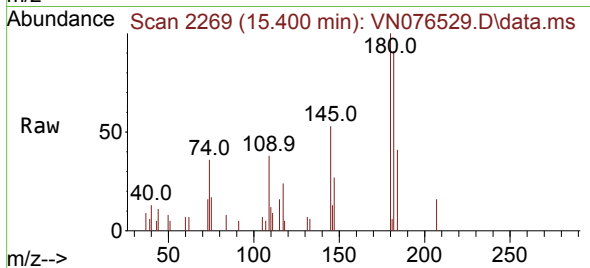
Tgt Ion:180 Resp: 6017

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 50.9 15.2 45.5#



#95

Naphthalene

Concen: 9.386 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076529.D

Acq: 03 Feb 2023 13:48

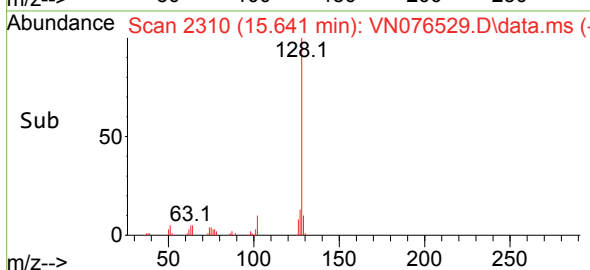
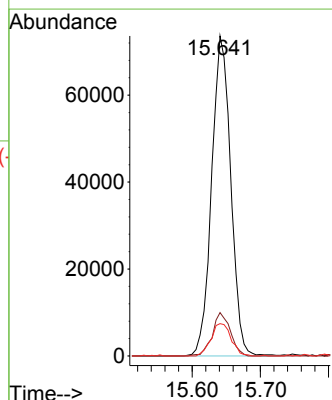
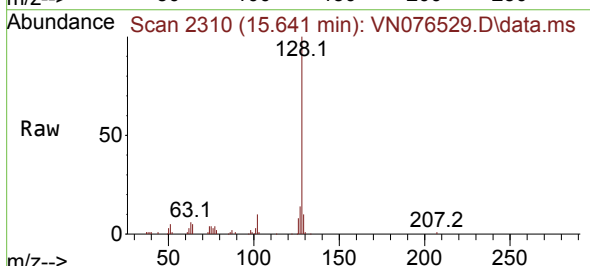
Tgt Ion:128 Resp: 143835

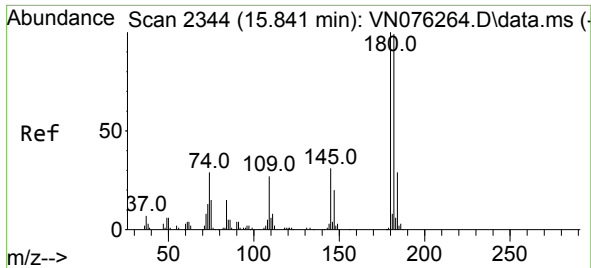
Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.172 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076529.D
 Acq: 03 Feb 2023 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10-0202

Tgt Ion:	180	Resp:	6158
Ion	Ratio	Lower	Upper
180	100		
182	102.3	47.5	142.5
145	50.8	15.9	47.6#

