

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078912.D
 Acq On : 16 Aug 2023 18:55
 Operator : JC\MD
 Sample : 03945-02 20X
 Misc : 6.30g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB01-Z78-80

Quant Time: Aug 17 01:21:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	151602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124248	52.669	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.340%
35) Dibromofluoromethane	8.171	113	100428	50.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.120%
50) Toluene-d8	10.571	98	372242	49.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.853	95	143166	58.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1456	0.496	ug/l #	42
5) Bromomethane	2.936	94	621	0.420	ug/l #	4
6) Chloroethane	3.112	64	540	0.300	ug/l #	43
11) Tert butyl alcohol	5.542	59	275	0.695	ug/l #	72
16) Acetone	4.448	43	310	0.318	ug/l #	40
18) Methyl Acetate	5.048	43	3791	0.922	ug/l #	64
20) Methylene Chloride	5.295	84	664	0.320	ug/l #	21
25) 2-Butanone	7.494	43	381	0.244	ug/l #	37
31) Cyclohexane	8.224	56	6162	Below Cal	#	61
36) 1,1-Dichloropropene	8.230	75	13494	4.472	ug/l #	47
38) Carbon Tetrachloride	8.224	117	16769	5.546	ug/l #	13
39) Methylcyclohexane	9.606	83	5084	1.832	ug/l #	85
40) Benzene	8.612	78	496167	55.628	ug/l	98
43) Isopropyl Acetate	8.688	43	11340	1.900	ug/l #	52
48) Methyl methacrylate	9.600	41	3295	1.218	ug/l #	56
52) Toluene	10.635	92	11934	2.179	ug/l	87
55) 1,1,2-Trichloroethane	11.012	97	511	0.233	ug/l #	16
59) 2-Hexanone	11.206	43	1055	0.412	ug/l	76
67) Ethyl Benzene	11.971	91	3704652	339.510	ug/l	96
68) m/p-Xylenes	12.071	106	863822	211.737	ug/l	97
69) o-Xylene	12.406	106	413773	104.261	ug/l	94
70) Styrene	12.406	104	24689	3.731	ug/l #	1
71) Bromoform	12.847	173	757	0.459	ug/l #	1
73) Isopropylbenzene	12.700	105	299152	25.237	ug/l	99
74) N-amyl acetate	12.488	43	3852	0.644	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.941	83	1056	0.247	ug/l #	26
76) 1,2,3-Trichloropropane	13.100	75	17502	5.109	ug/l #	1
78) n-propylbenzene	13.041	91	142152	10.342	ug/l	100
79) 2-Chlorotoluene	13.135	91	98998	11.610	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.176	105	319767	34.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.706	75	4024	3.001	ug/l #	29
82) 4-Chlorotoluene	13.176	91	33152	3.974	ug/l #	41
83) tert-Butylbenzene	13.488	119	143886	18.230	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.488	105	1125929	121.049	ug/l	98
85) sec-Butylbenzene	13.488	105	1125929	103.659	ug/l #	57
86) p-Isopropyltoluene	13.676	119	118691	13.677	ug/l	96

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

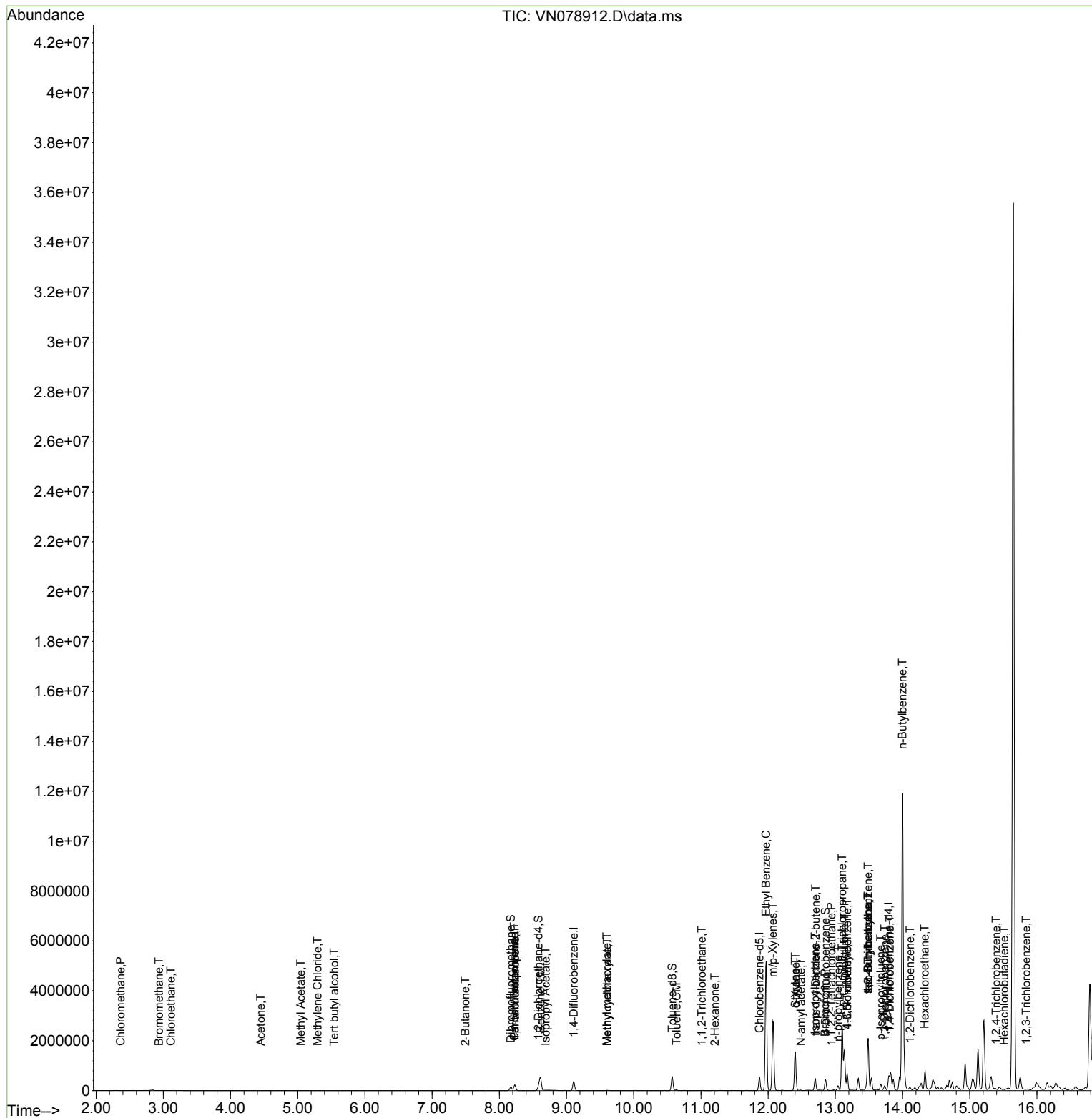
87) 1,3-Dichlorobenzene	13.735	146	1262	0.257	ug/l #	1
88) 1,4-Dichlorobenzene	13.812	146	1814	0.370	ug/l #	6
89) n-Butylbenzene	14.000	91	1135679	159.021	ug/l #	43
90) Hexachloroethane	14.329	117	56683	32.584	ug/l #	22
91) 1,2-Dichlorobenzene	14.112	146	1243	0.255	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.741	75	2117	Below Cal	#	10
93) 1,2,4-Trichlorobenzene	15.394	180	2605	1.507	ug/l #	17
94) Hexachlorobutadiene	15.512	225	950	0.732	ug/l	76
96) 1,2,3-Trichlorobenzene	15.841	180	3355	1.772	ug/l #	72

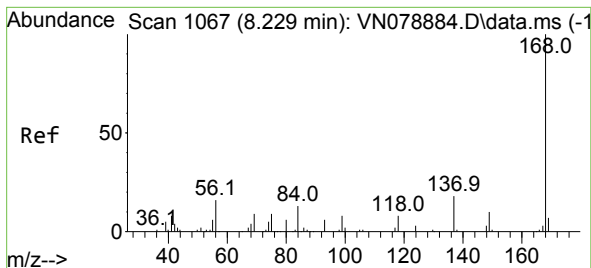
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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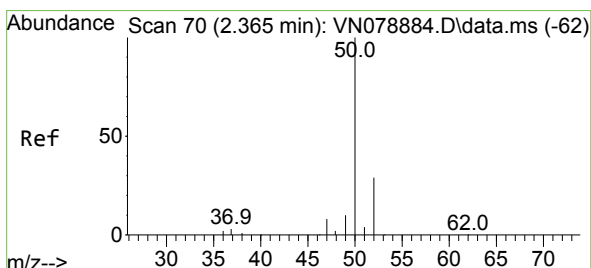
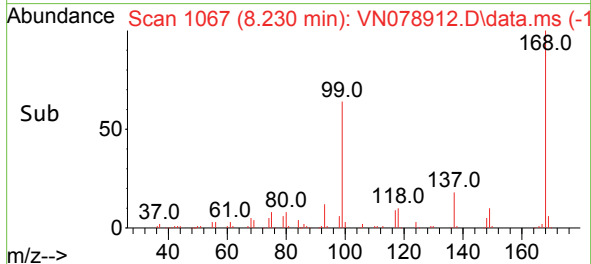
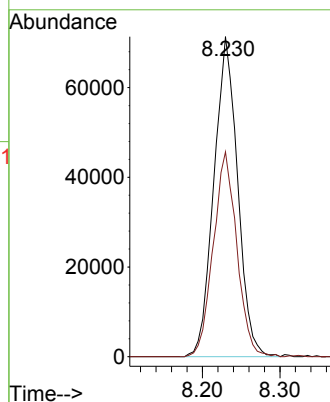
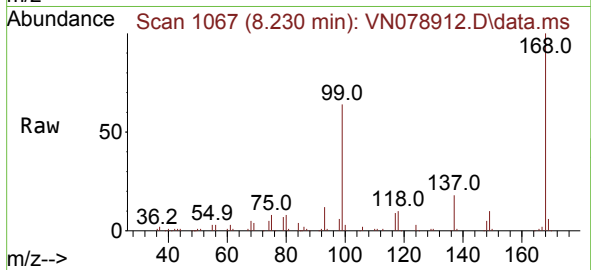




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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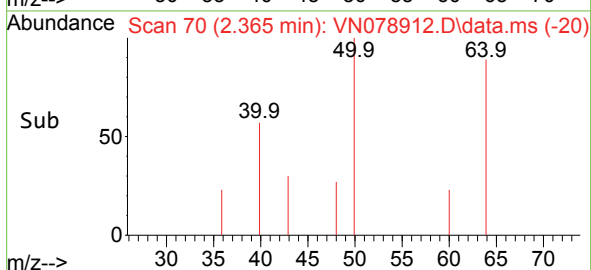
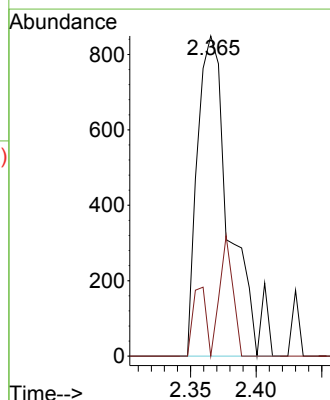
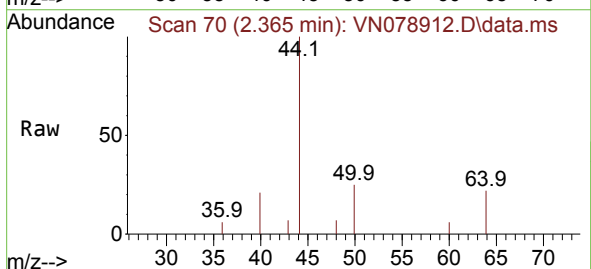
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

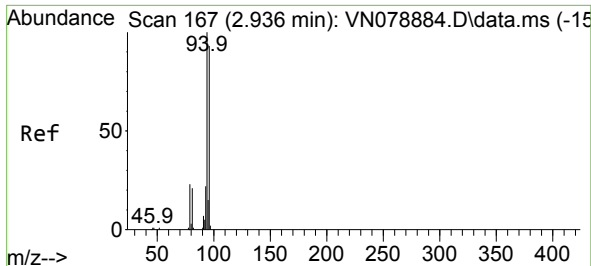
Tgt Ion:168 Resp: 151602
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#3
Chloromethane
Concen: 0.496 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 50 Resp: 1456
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

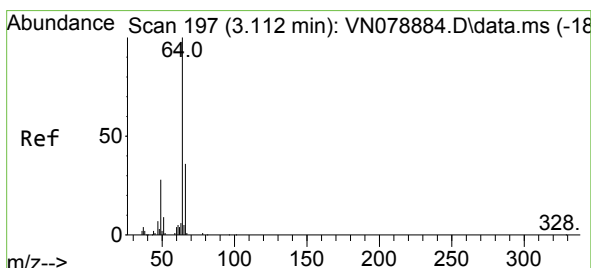
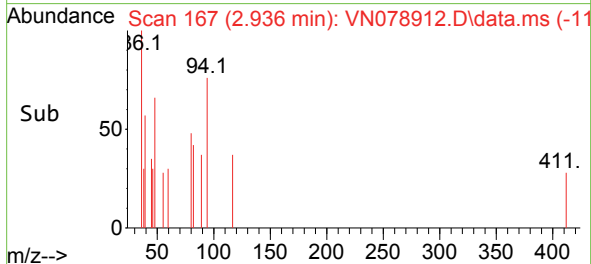
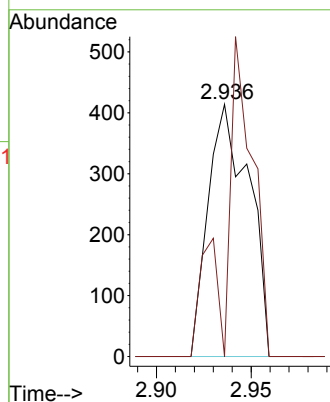
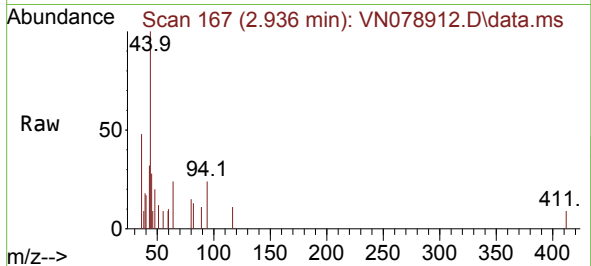




#5
Bromomethane
Concen: 0.420 ug/l
RT: 2.936 min Scan# 167
Delta R.T. -0.012 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

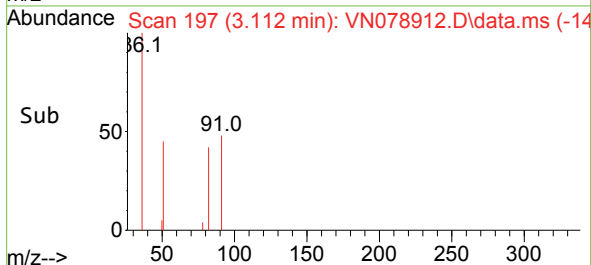
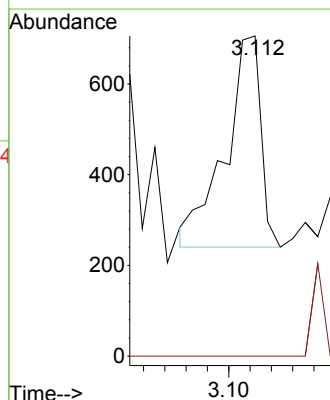
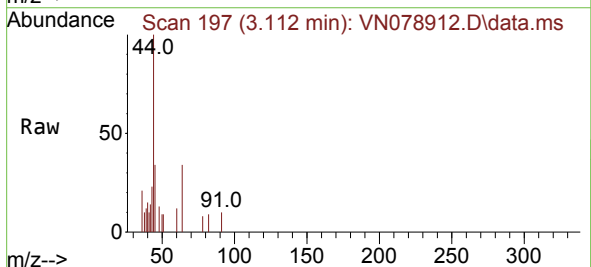
Instrument :
MSVOA_N
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NEVINS-SB01-Z78-80

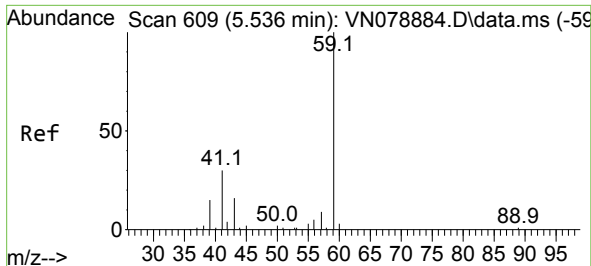
Tgt Ion: 94 Resp: 621
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: 0.300 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 64 Resp: 540
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

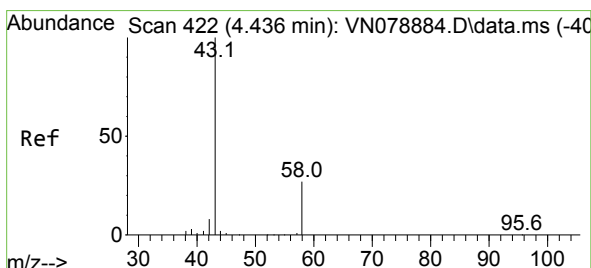
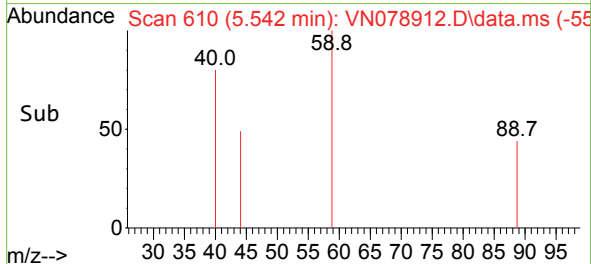
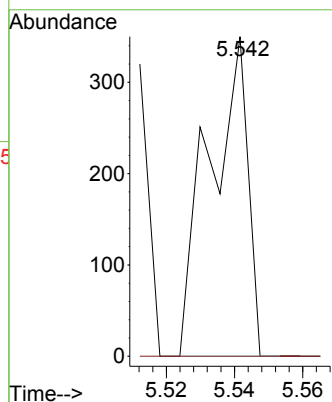
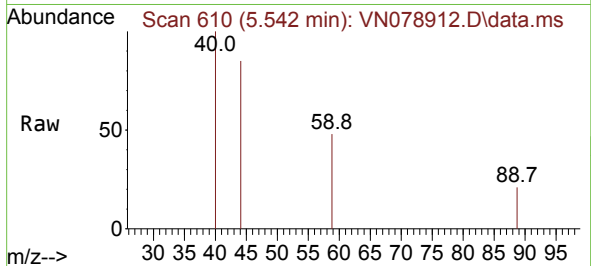




#11
Tert butyl alcohol
Concen: 0.695 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

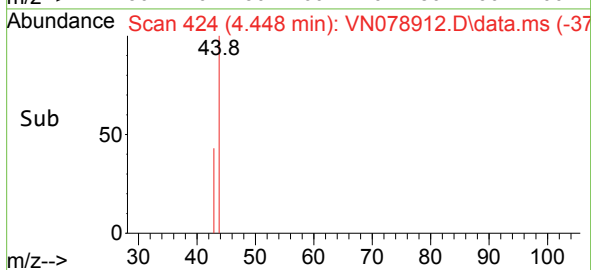
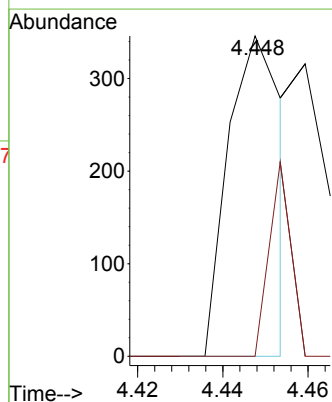
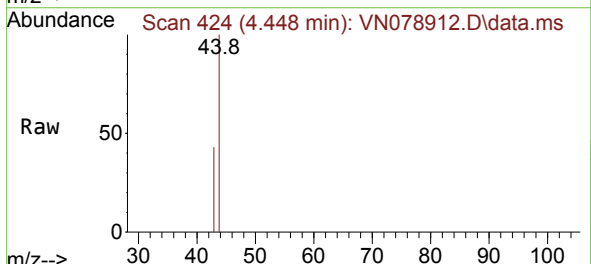
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

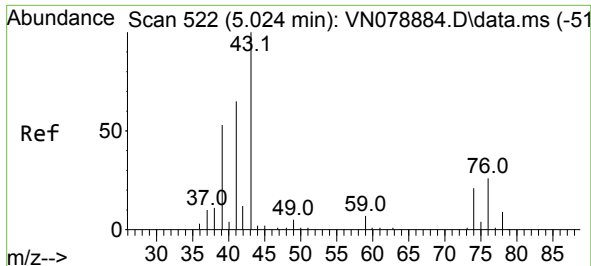
Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.318 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 43 Resp: 310
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

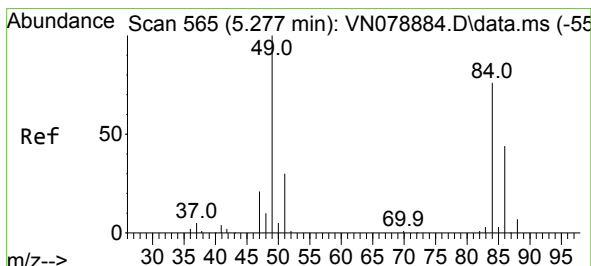
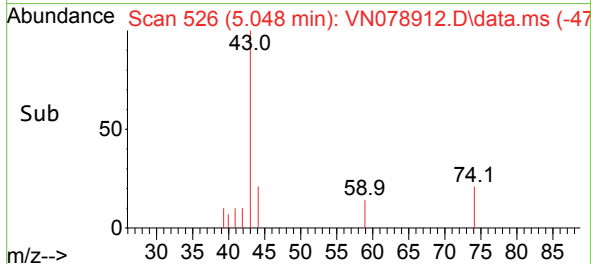
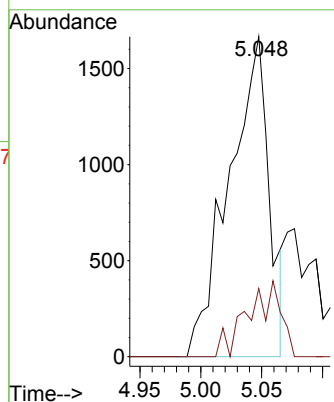
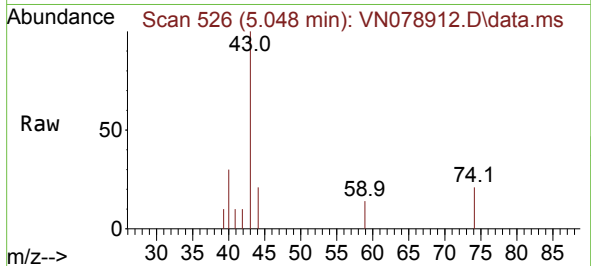




#18
Methyl Acetate
Concen: 0.922 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

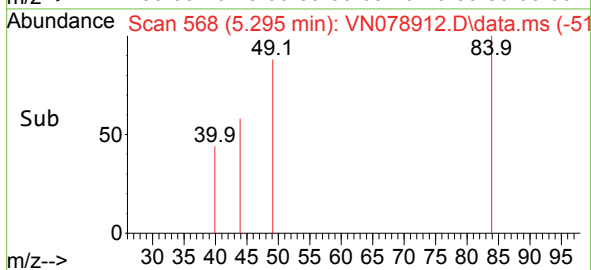
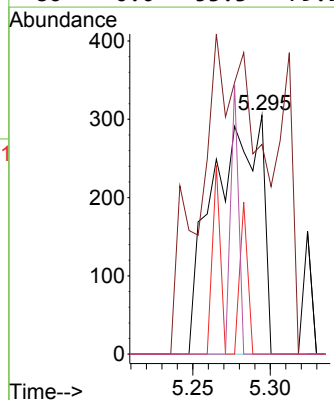
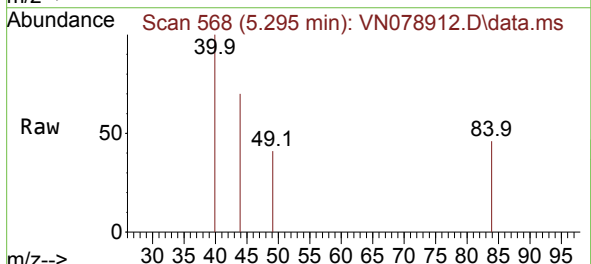
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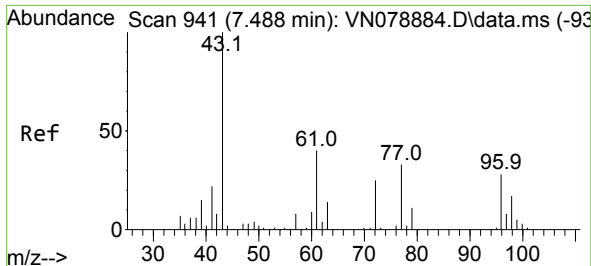
Tgt Ion: 43 Resp: 3791
Ion Ratio Lower Upper
43 100
74 12.3 26.2 39.4#



#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 84 Resp: 664
Ion Ratio Lower Upper
84 100
49 17.4 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#

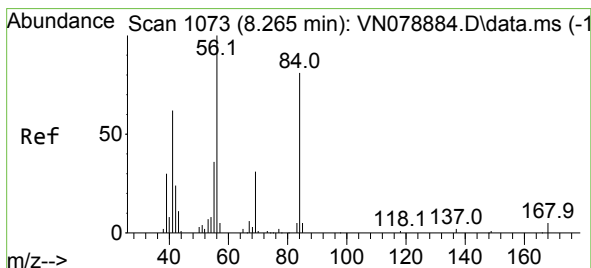
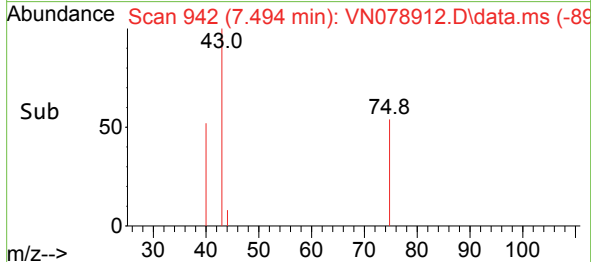
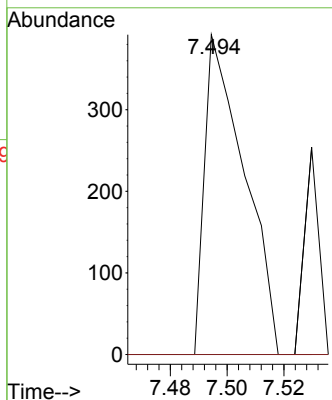
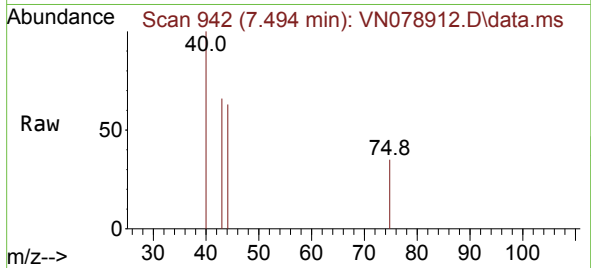




#25
2-Butanone
Concen: 0.244 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078912.D
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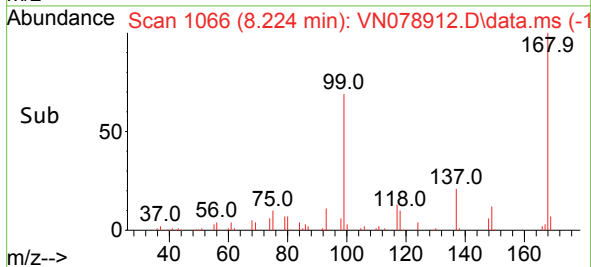
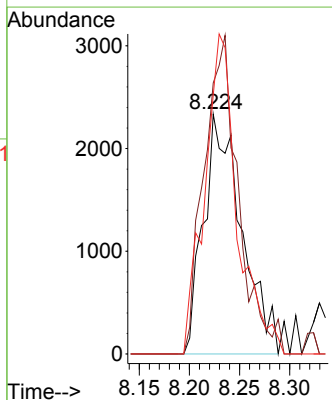
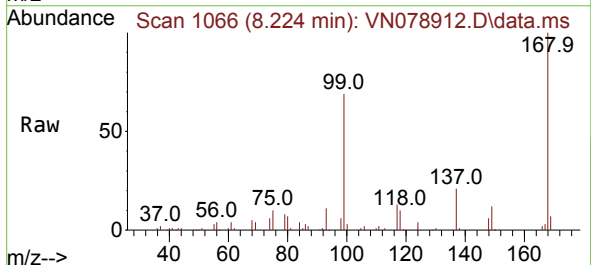
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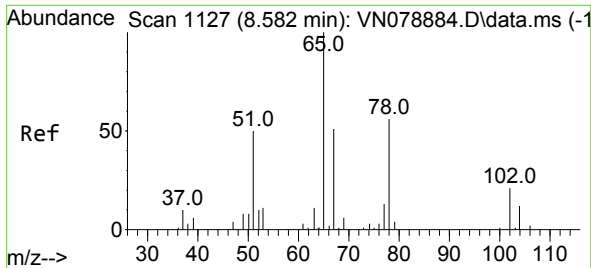
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#31
Cyclohexane
Concen: Below Cal
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 56 Resp: 6162
Ion Ratio Lower Upper
56 100
69 113.1 26.8 40.2#
84 108.0 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 52.669 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

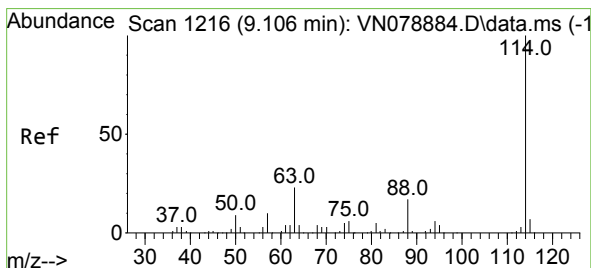
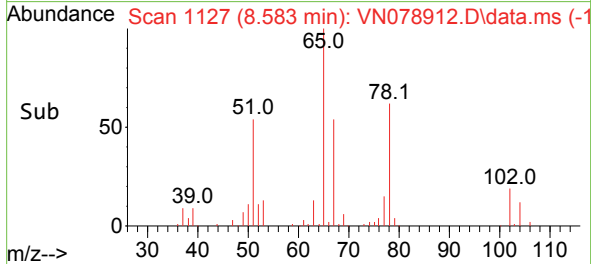
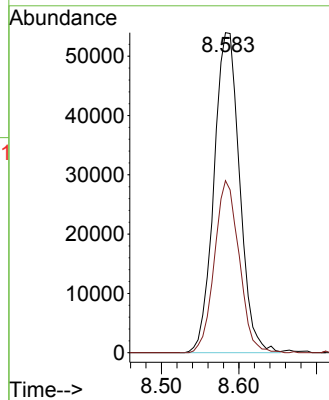
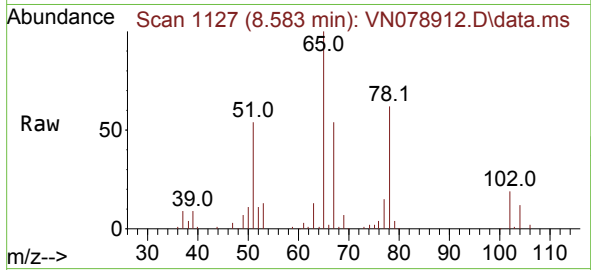
NEVINS-SB01-Z78-80

Tgt Ion: 65 Resp: 124248

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

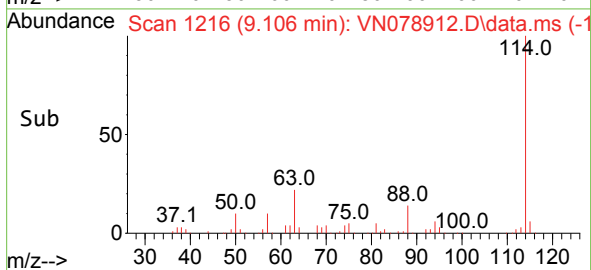
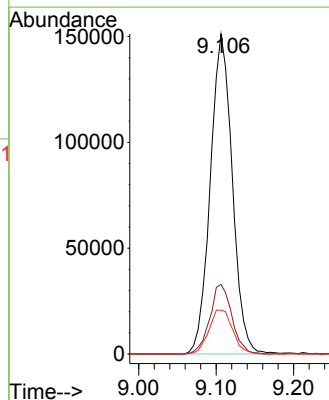
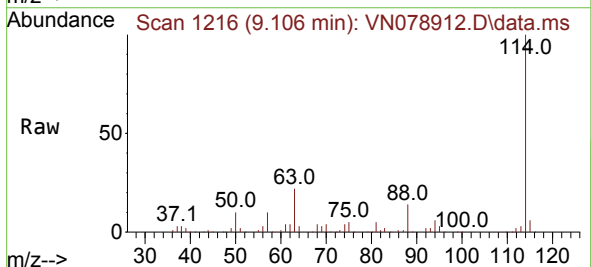
Tgt Ion: 114 Resp: 298009

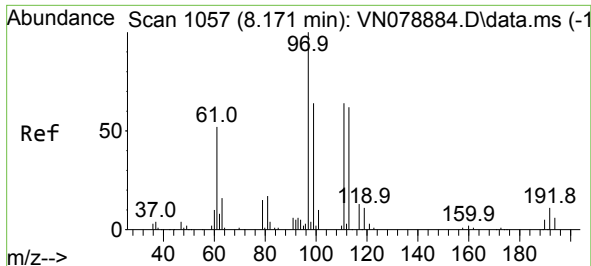
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 13.6 0.0 30.6

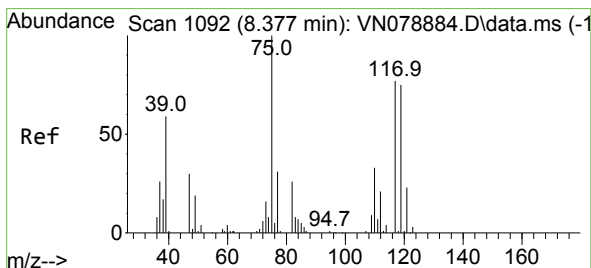
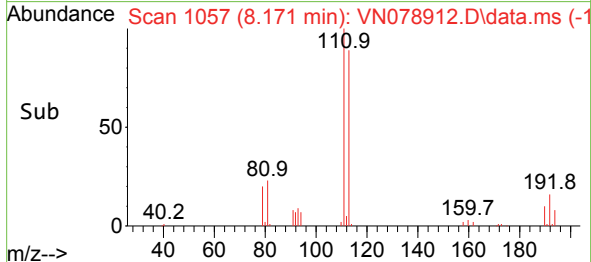
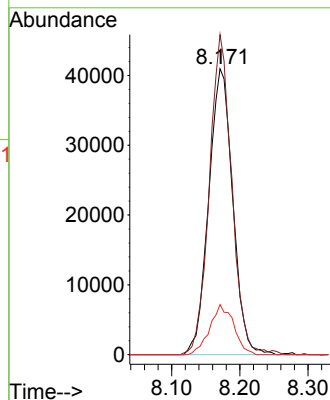
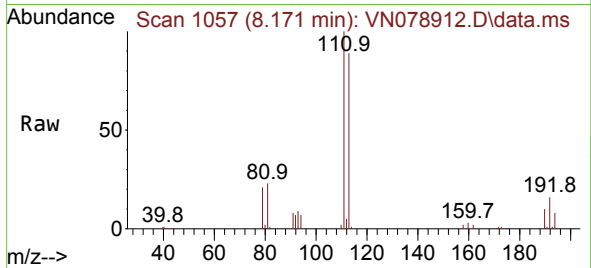




#35
Dibromofluoromethane
Concen: 50.063 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

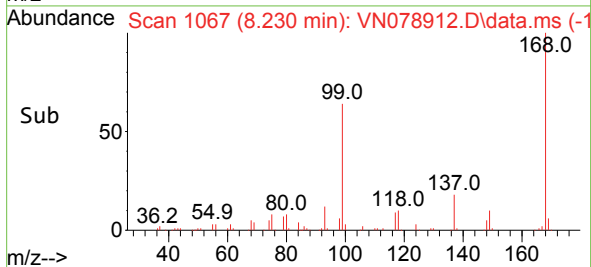
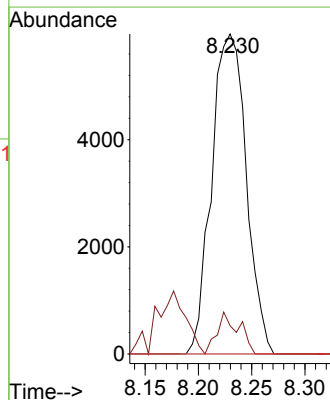
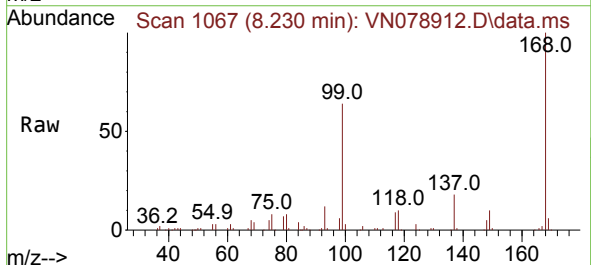
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

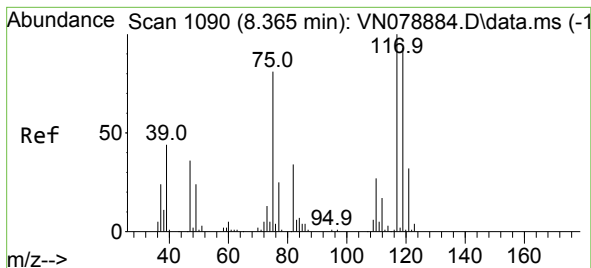
Tgt Ion:113 Resp: 100428
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 75 Resp: 13494
Ion Ratio Lower Upper
75 100
110 8.2 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.546 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN078912.D

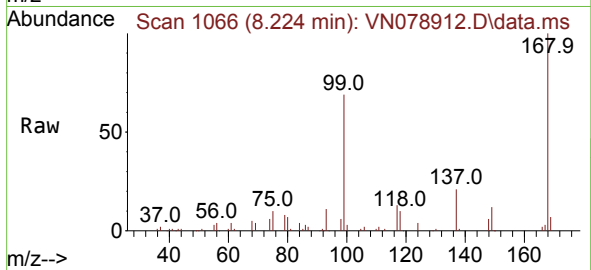
Acq: 16 Aug 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB01-Z78-80



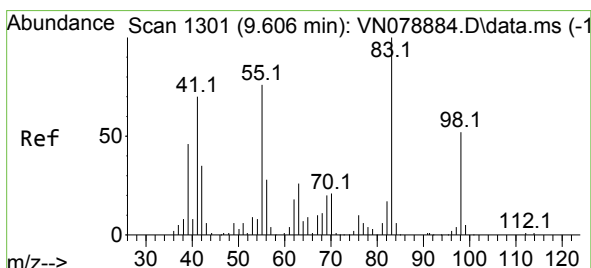
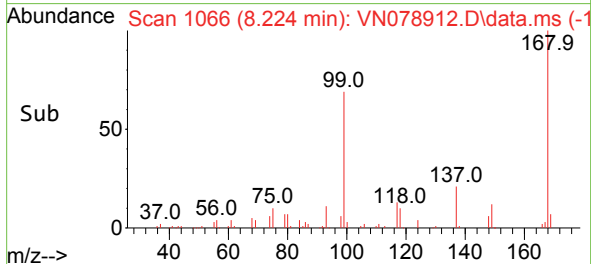
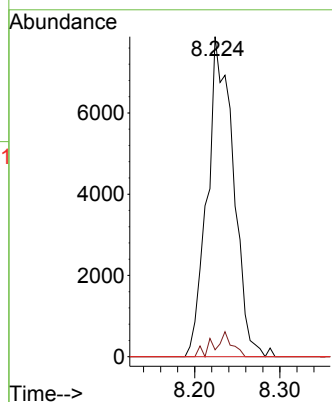
Tgt Ion:117 Resp: 16769

Ion Ratio Lower Upper

117 100

119 2.2 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 1.832 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

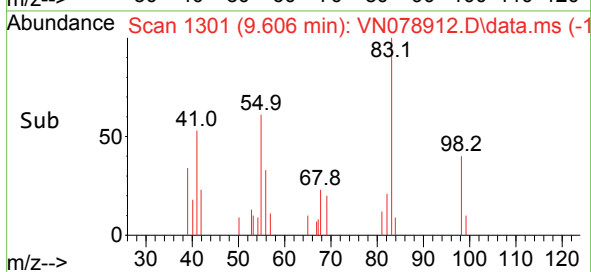
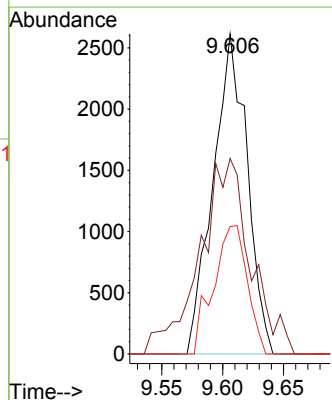
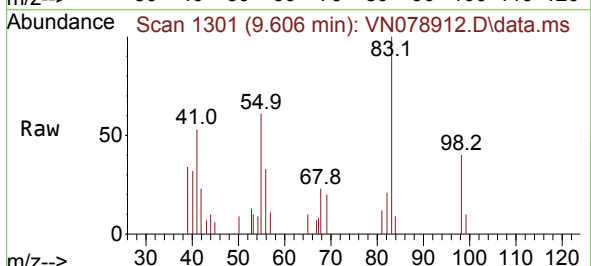
Tgt Ion: 83 Resp: 5084

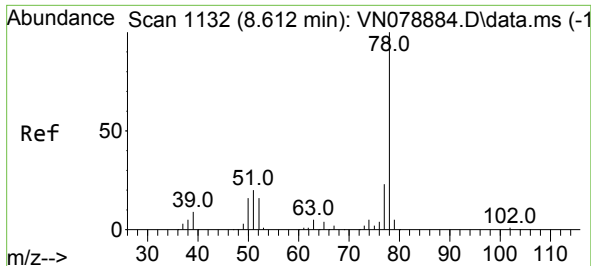
Ion Ratio Lower Upper

83 100

55 51.0 49.1 73.7

98 39.8 40.6 61.0#

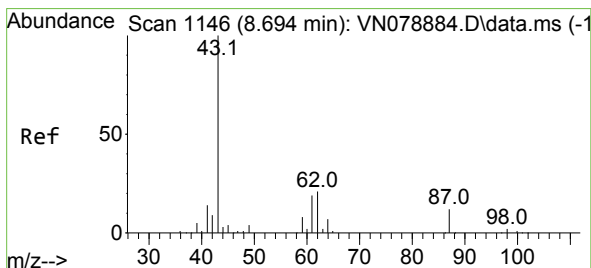
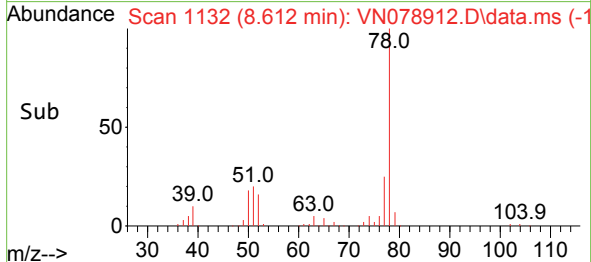
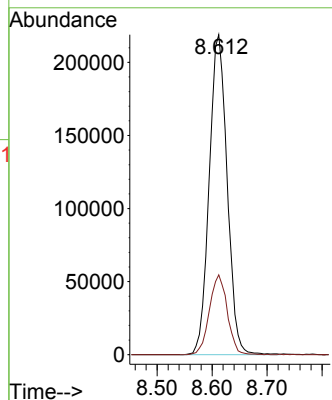
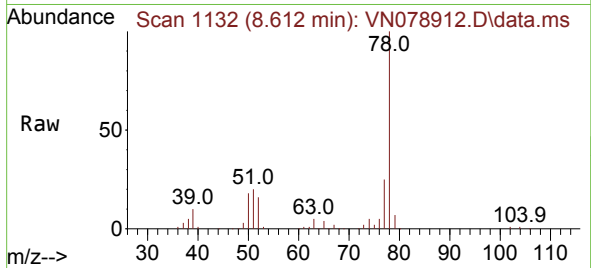




#40
Benzene
Concen: 55.628 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

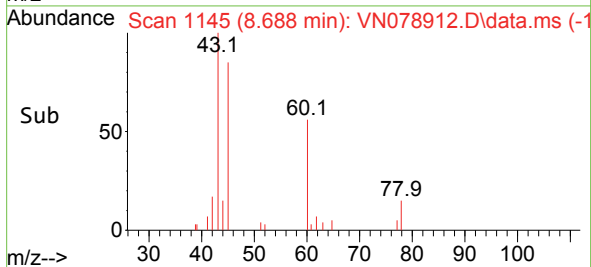
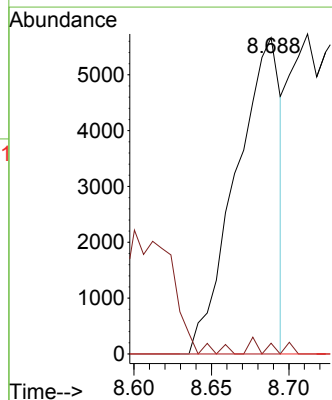
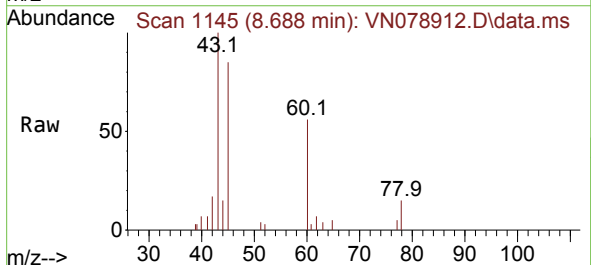
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

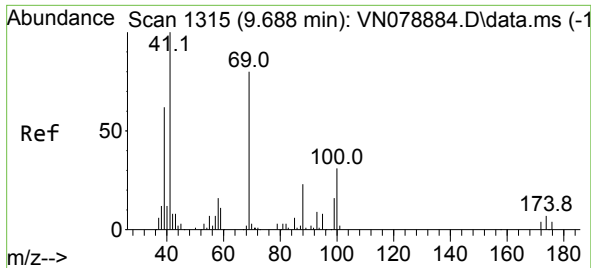
Tgt Ion: 78 Resp: 496167
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.6



#43
Isopropyl Acetate
Concen: 1.900 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 43 Resp: 11340
Ion Ratio Lower Upper
43 100
61 2.2 24.7 37.1#
87 0.0 14.6 21.8#

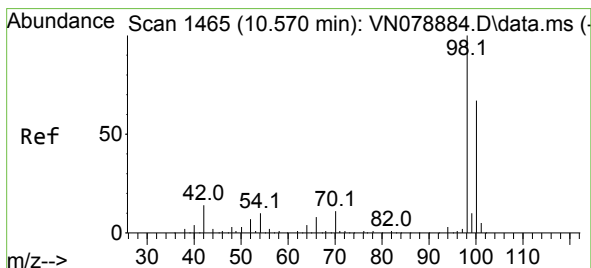
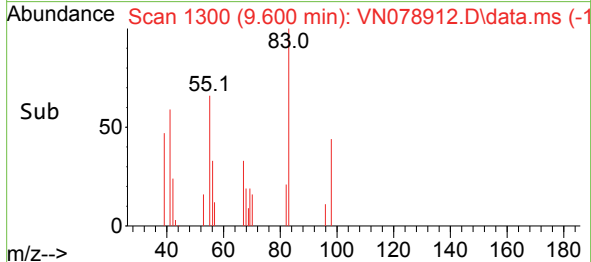
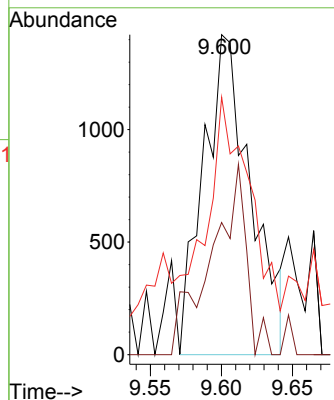
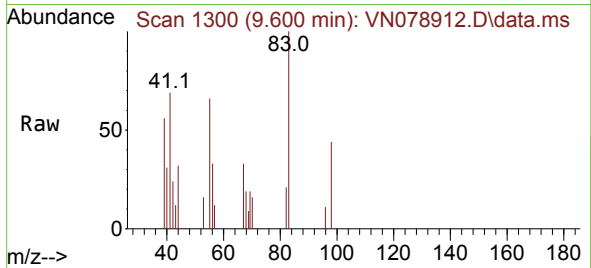




#48
Methyl methacrylate
Concen: 1.218 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

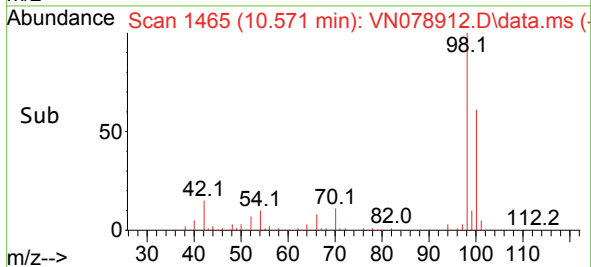
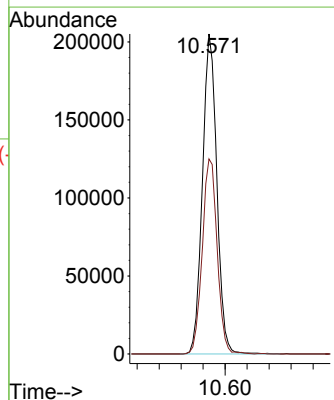
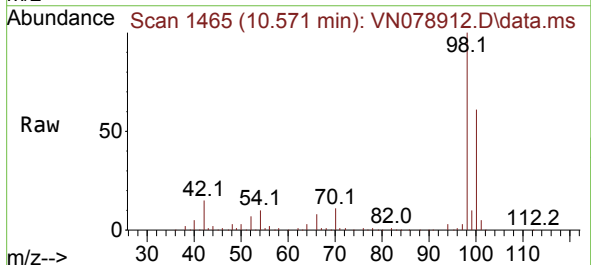
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

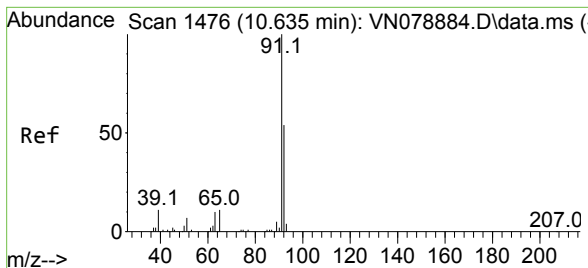
Tgt Ion: 41 Resp: 3295
Ion Ratio Lower Upper
41 100
69 44.5 90.4 135.6#
39 58.8 54.6 81.8



#50
Toluene-d8
Concen: 49.975 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 98 Resp: 372242
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0





#52

Toluene

Concen: 2.179 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

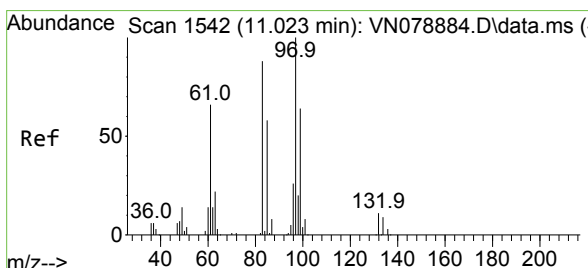
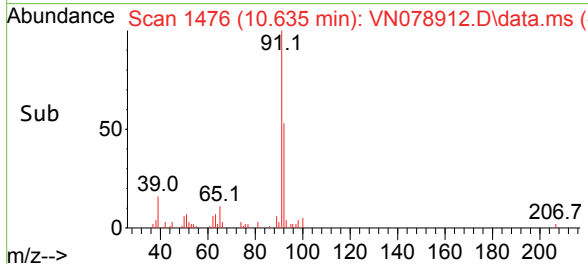
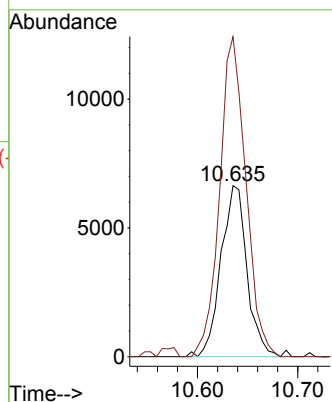
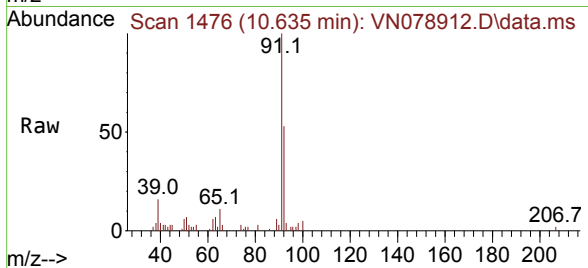
NEVINS-SB01-Z78-80

Tgt Ion: 92 Resp: 11934

Ion Ratio Lower Upper

92 100

91 189.0 137.4 206.0



#55

1,1,2-Trichloroethane

Concen: 0.233 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.012 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

Tgt Ion: 97 Resp: 511

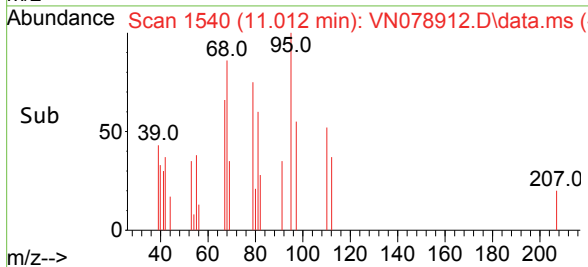
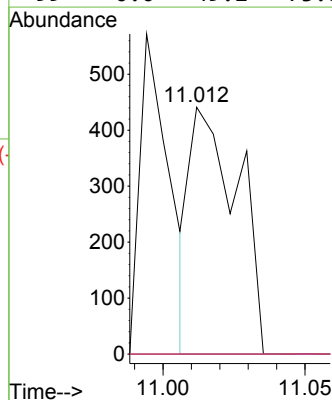
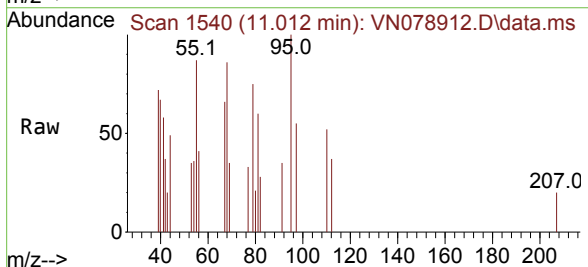
Ion Ratio Lower Upper

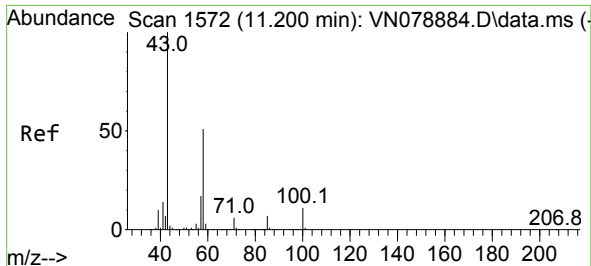
97 100

83 0.0 65.1 97.7#

85 0.0 43.4 65.2#

99 0.0 49.2 73.8#

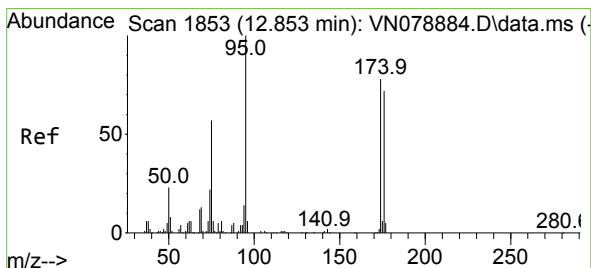
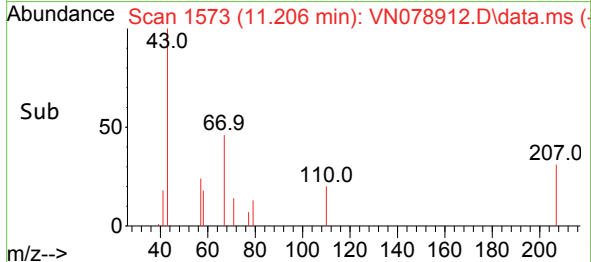
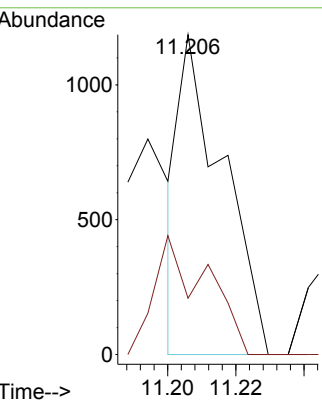
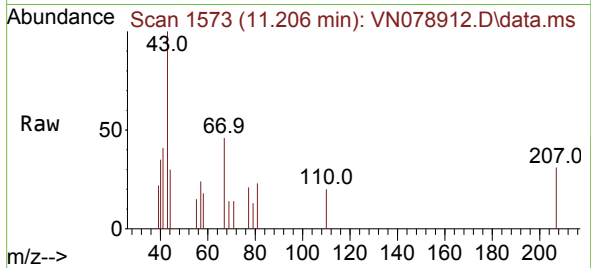




#59
2-Hexanone
Concen: 0.412 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

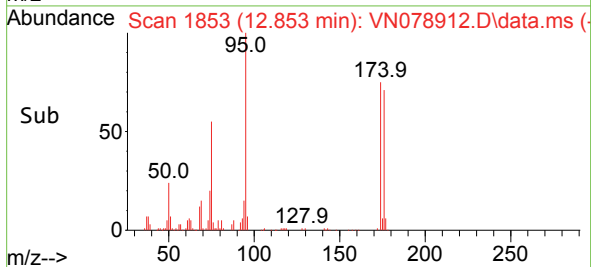
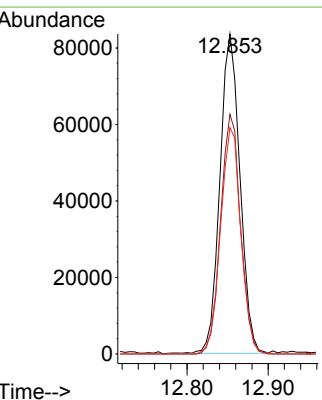
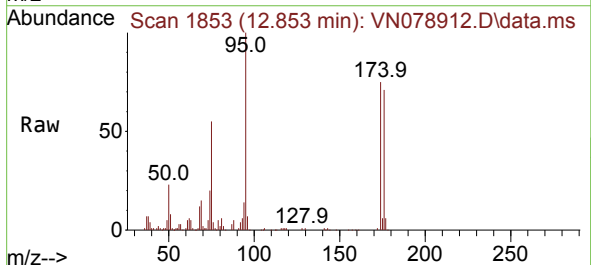
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

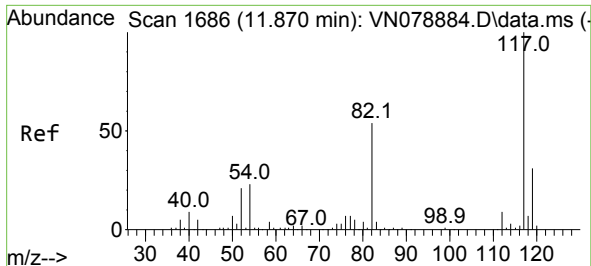
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 44.5 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 58.804 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 95 Resp: 143166
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.7 0.0 135.8

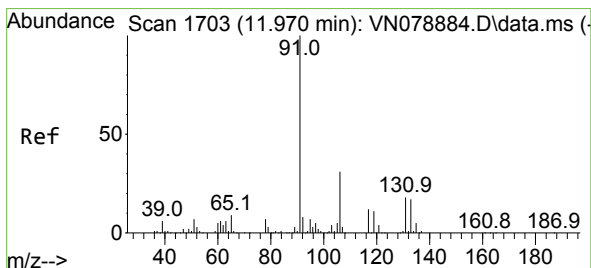
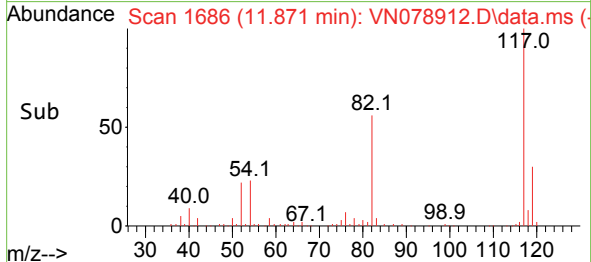
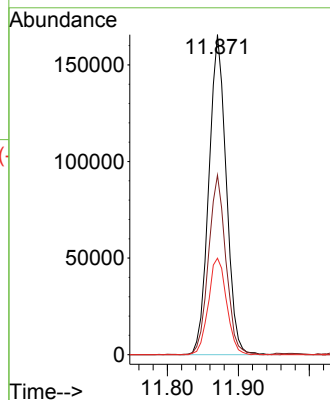
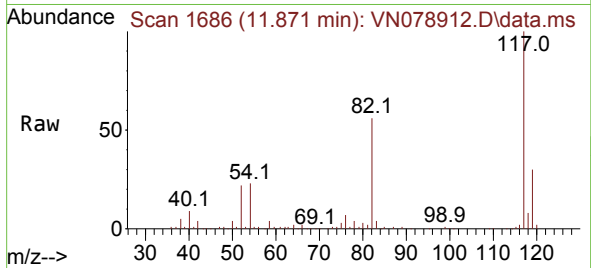




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

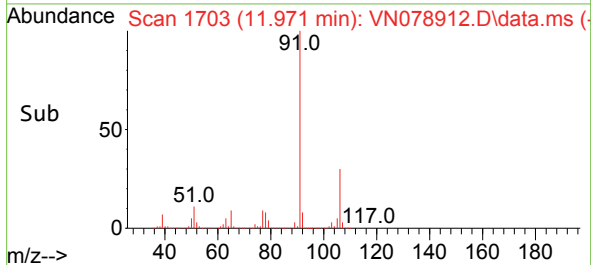
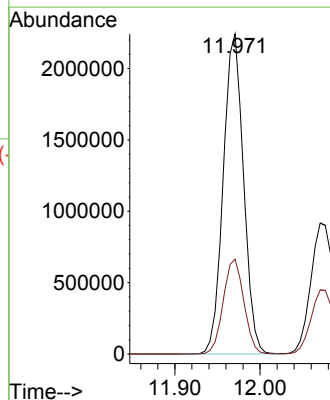
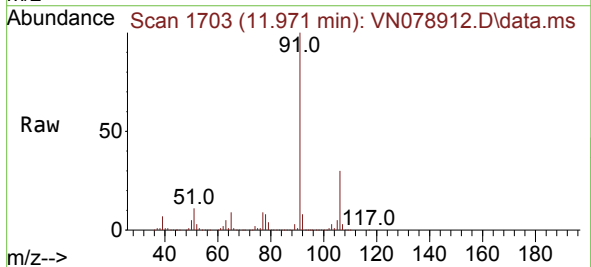
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

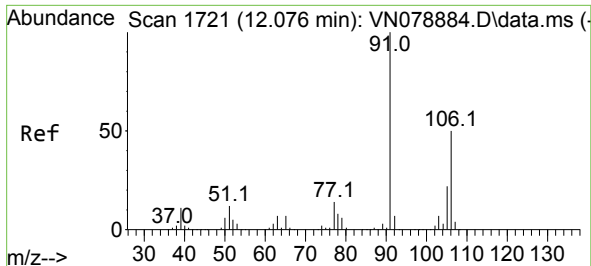
Tgt Ion:117 Resp: 281886
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 30.2 25.6 38.4



#67
Ethyl Benzene
Concen: 339.510 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 91 Resp: 3704652
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

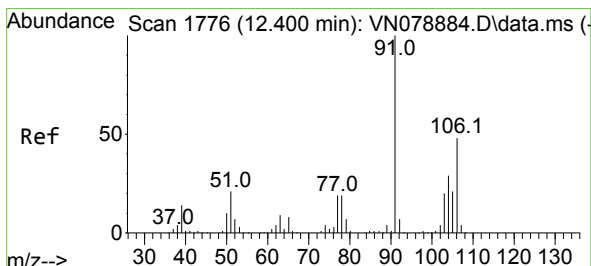
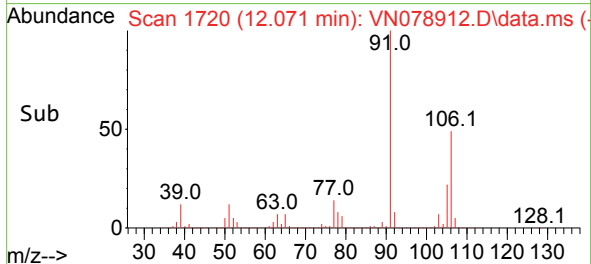
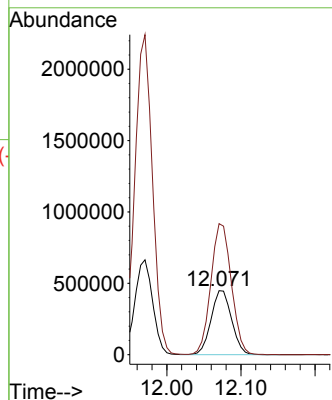
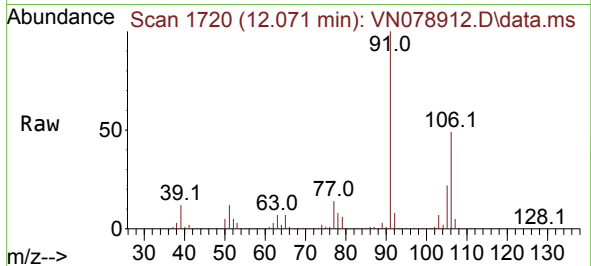




#68
m/p-Xylenes
Concen: 211.737 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

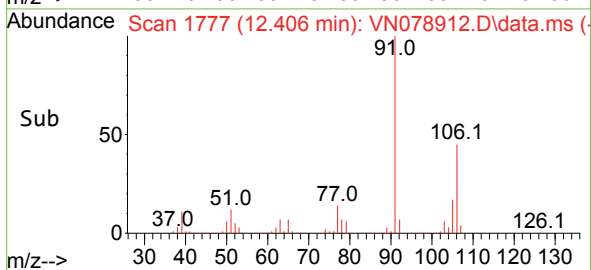
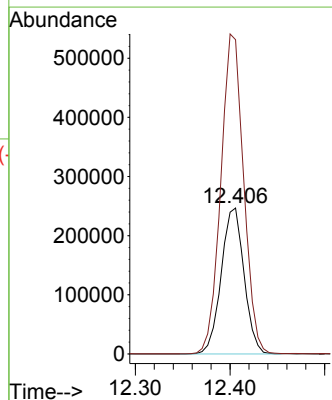
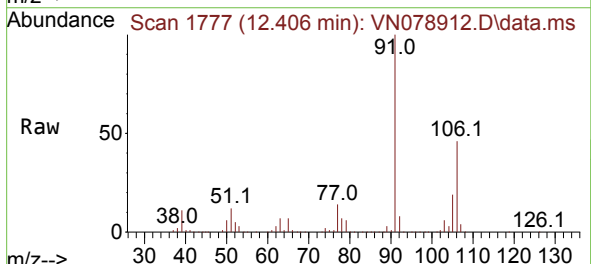
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

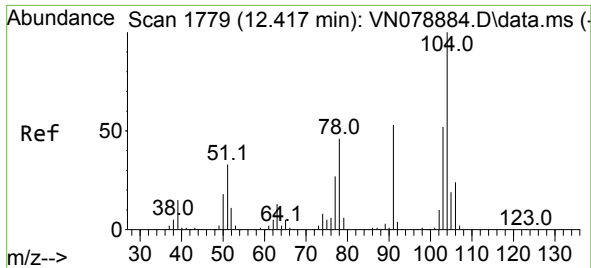
Tgt Ion:106 Resp: 863822
Ion Ratio Lower Upper
106 100
91 203.9 159.6 239.4



#69
o-Xylene
Concen: 104.261 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion:106 Resp: 413773
Ion Ratio Lower Upper
106 100
91 219.1 105.2 315.5

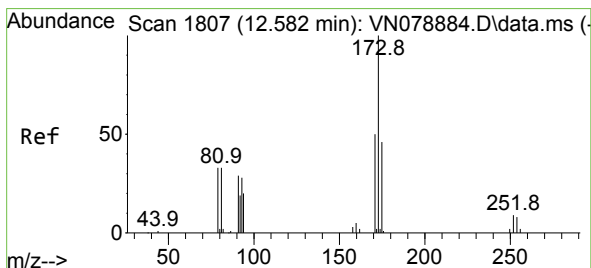
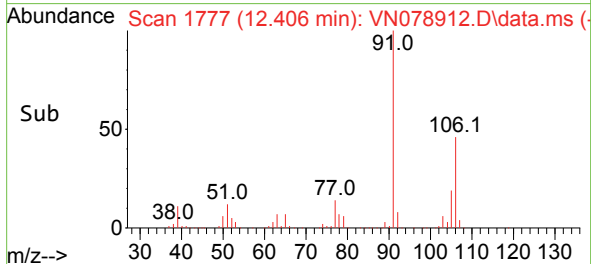
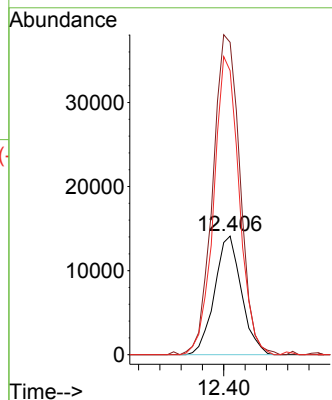
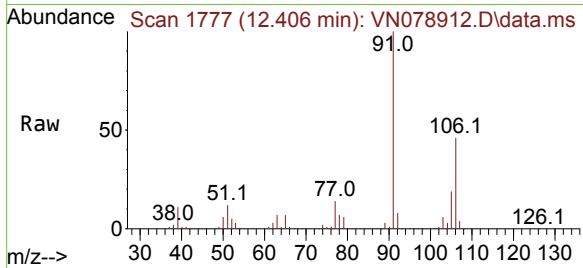




#70
Styrene
Concen: 3.731 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

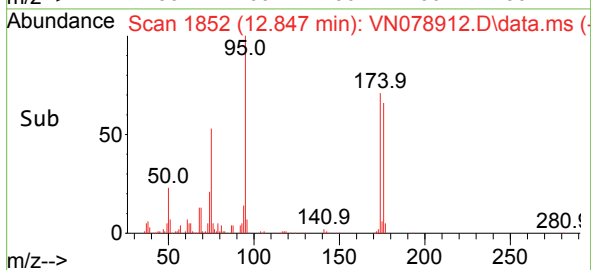
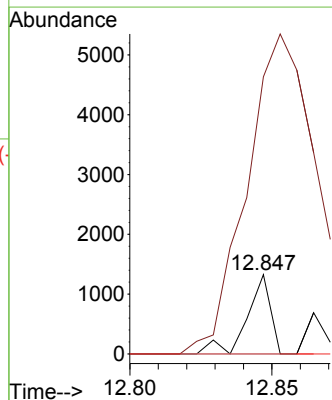
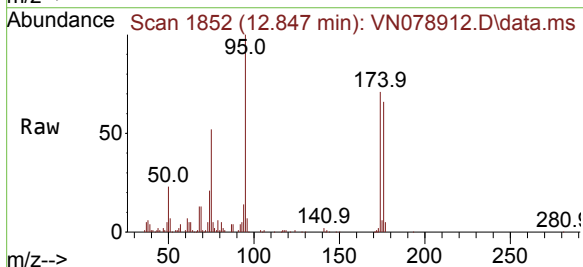
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

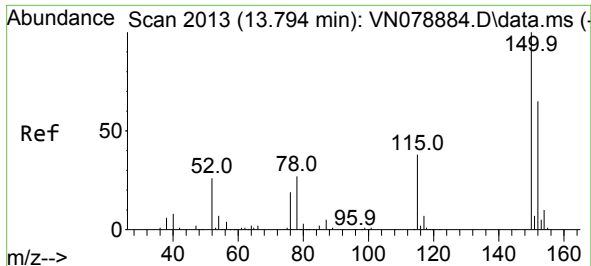
Tgt Ion:104 Resp: 24689
Ion Ratio Lower Upper
104 100
78 273.9 39.5 59.3#
103 238.4 43.2 64.8#



#71
Bromoform
Concen: 0.459 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion:173 Resp: 757
Ion Ratio Lower Upper
173 100
175 916.6 24.3 73.0#
254 0.0 0.0 0.0

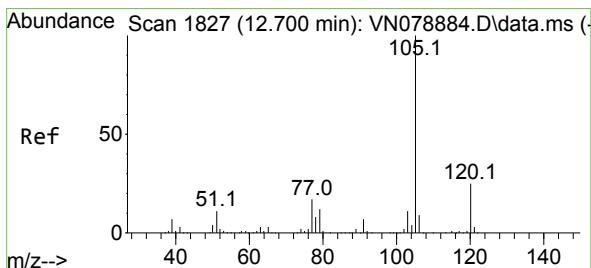
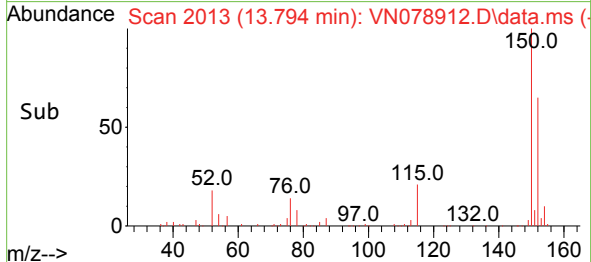
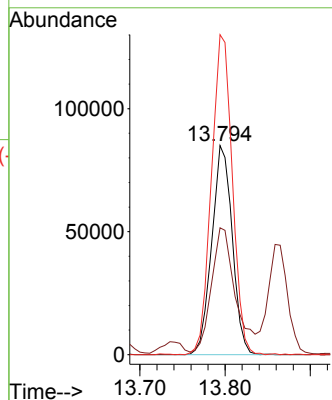
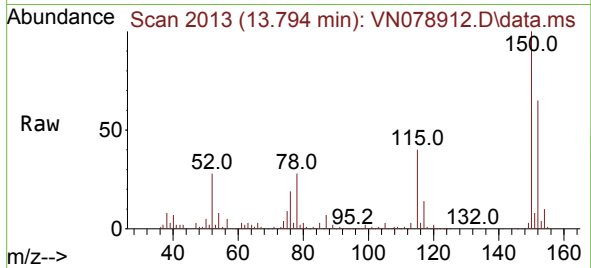




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

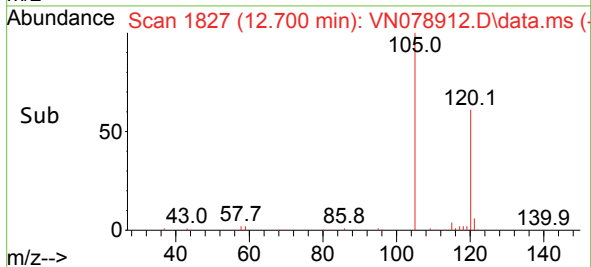
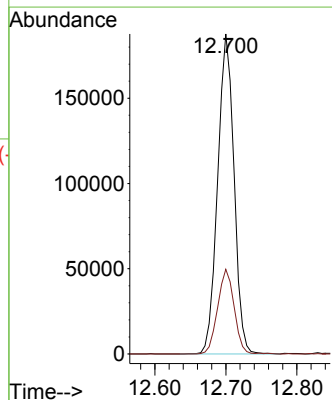
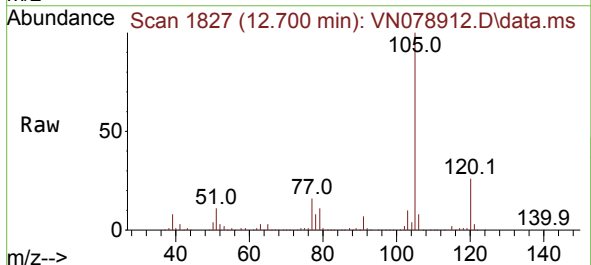
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

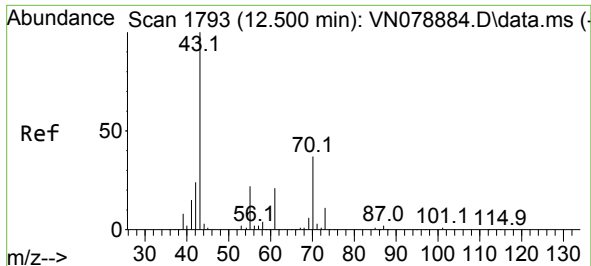
Tgt Ion:152 Resp: 142163
Ion Ratio Lower Upper
152 100
115 68.1 32.3 96.8
150 156.1 0.0 355.8



#73
Isopropylbenzene
Concen: 25.237 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion:105 Resp: 299152
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

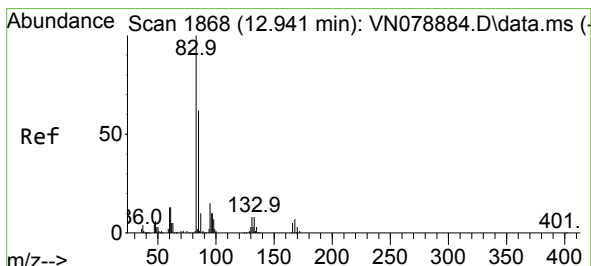
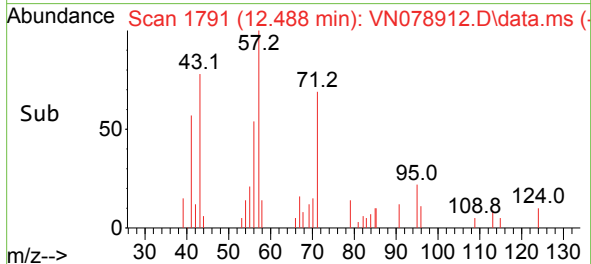
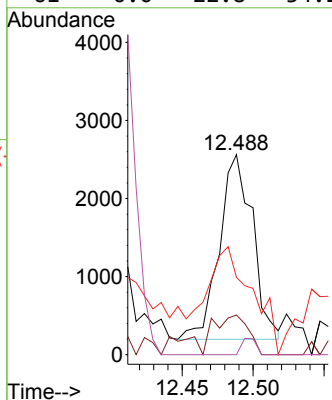
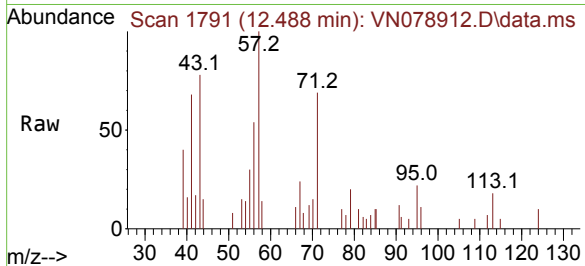




#74
N-amy1 acetate
Concen: 0.644 ug/l
RT: 12.488 min Scan# 1793
Delta R.T. -0.012 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

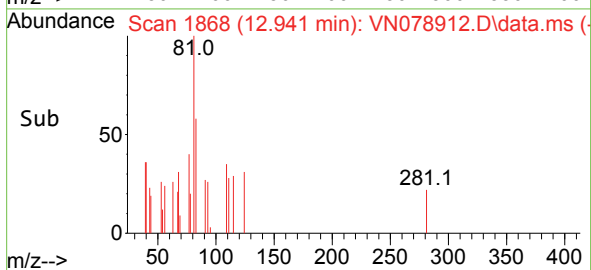
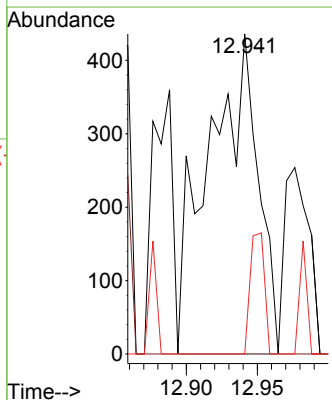
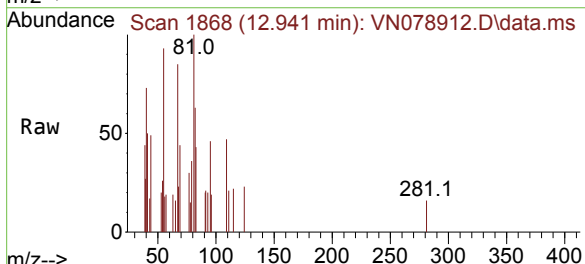
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

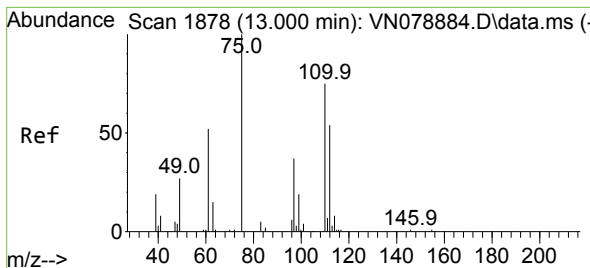
Tgt Ion: 43	Resp: 3852
Ion Ratio	Lower Upper
43 100	
70 22.2	43.4 65.2#
55 81.0	21.4 32.0#
61 0.0	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.247 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 83	Resp: 1056
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 0.0	31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 5.109 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. 0.100 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

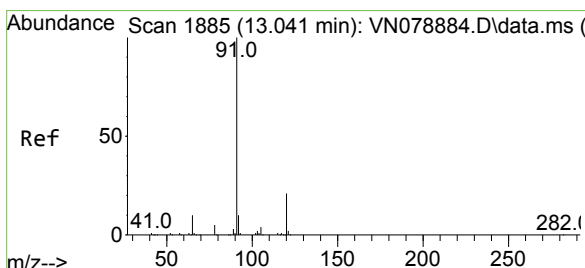
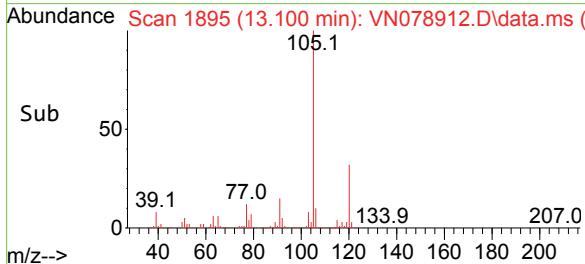
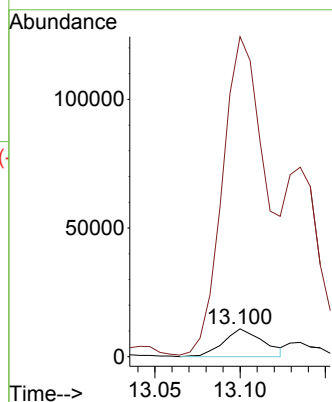
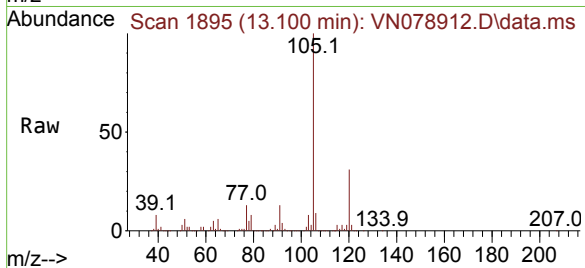
NEVINS-SB01-Z78-80

Tgt Ion: 75 Resp: 17502

Ion Ratio Lower Upper

75 100

77 1258.3 84.5 253.5#



#78

n-propylbenzene

Concen: 10.342 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078912.D

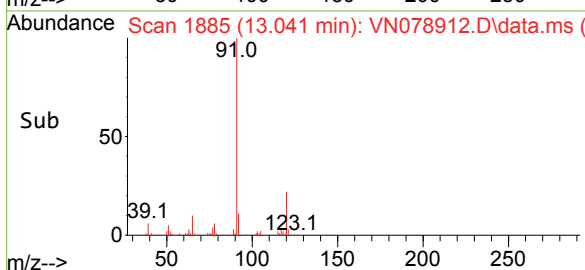
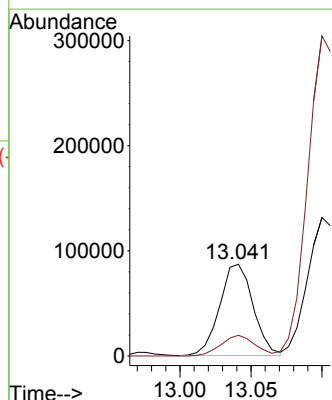
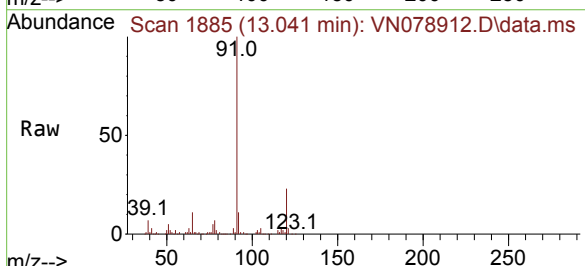
Acq: 16 Aug 2023 18:55

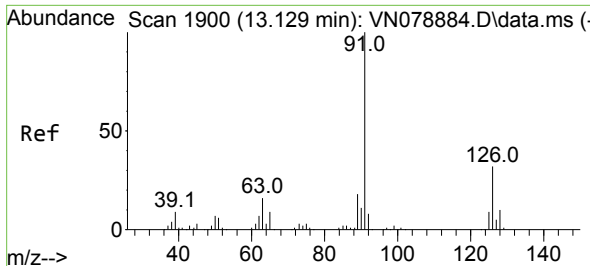
Tgt Ion: 91 Resp: 142152

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

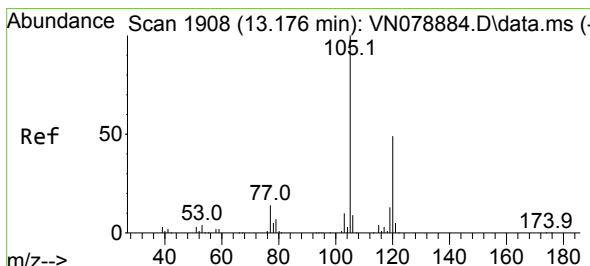
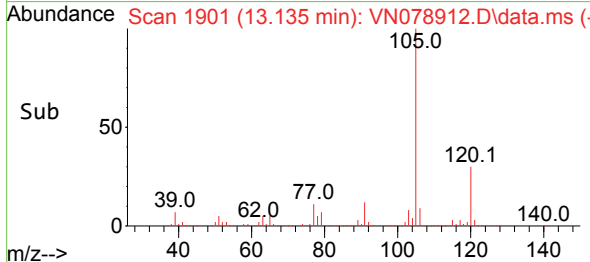
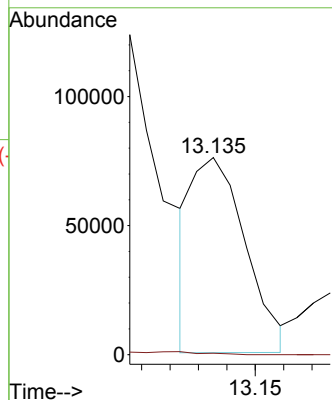
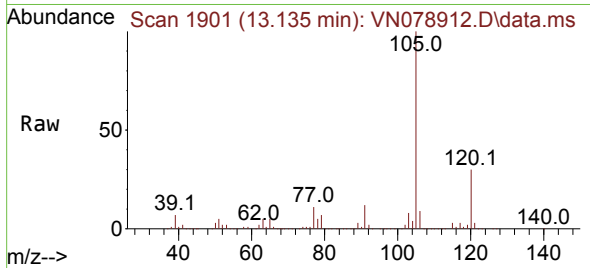




#79
2-Chlorotoluene
Concen: 11.610 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

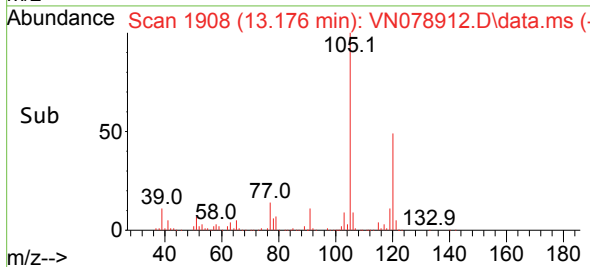
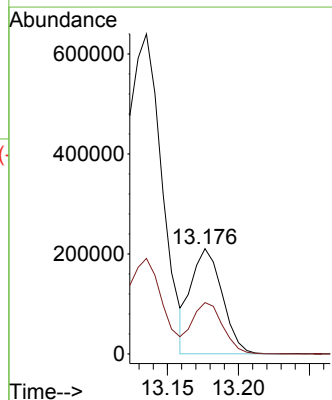
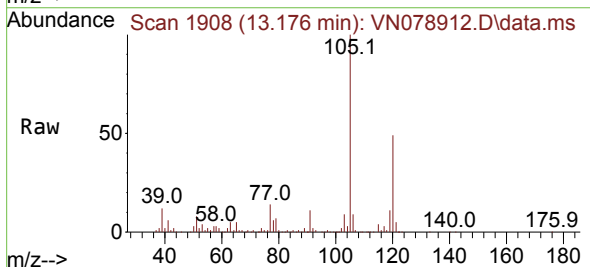
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

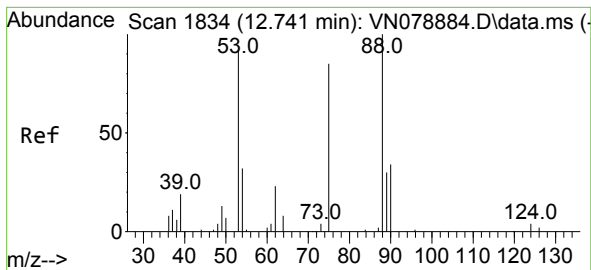
Tgt Ion: 91 Resp: 98998
Ion Ratio Lower Upper
91 100
126 2.2 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 34.041 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 105 Resp: 319767
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

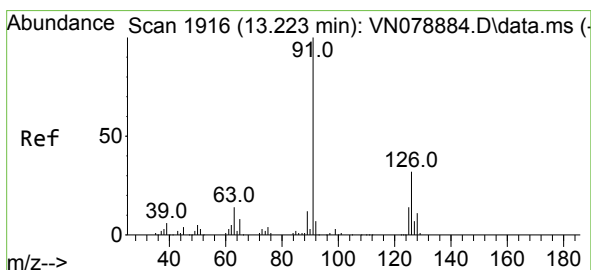
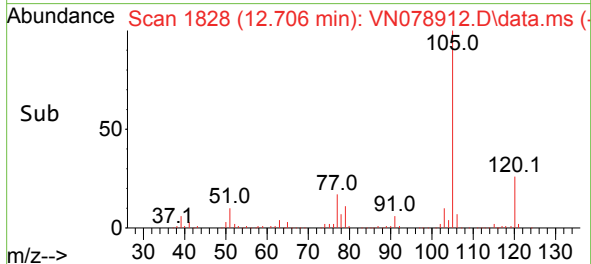
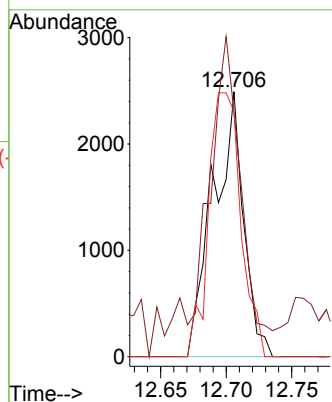
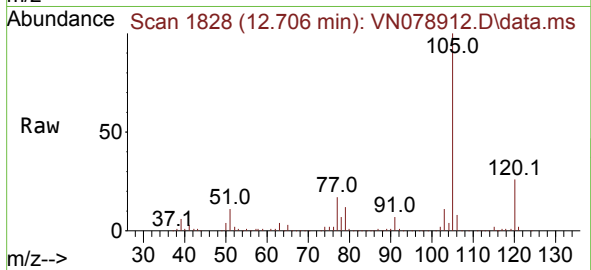




#81
trans-1,4-Dichloro-2-butene
Concen: 3.001 ug/l
RT: 12.706 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

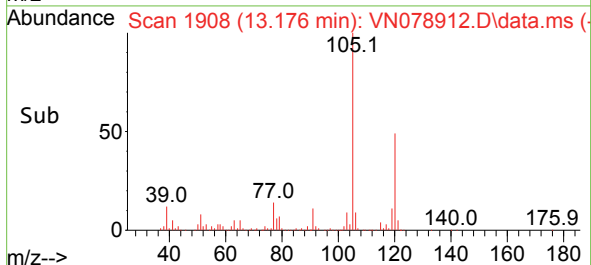
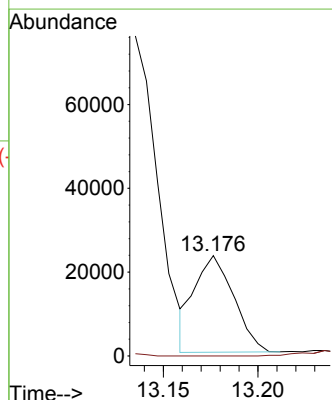
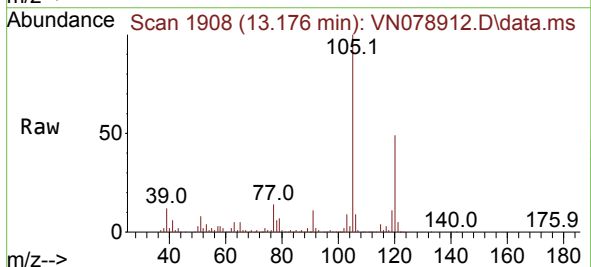
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

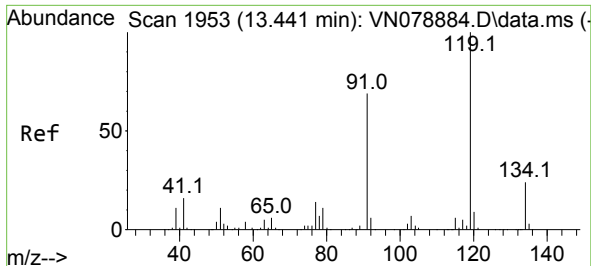
Tgt Ion: 75 Resp: 4024
Ion Ratio Lower Upper
75 100
53 141.2 67.4 101.2#
89 105.9 38.8 58.2#



#82
4-Chlorotoluene
Concen: 3.974 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.053 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion: 91 Resp: 33152
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#

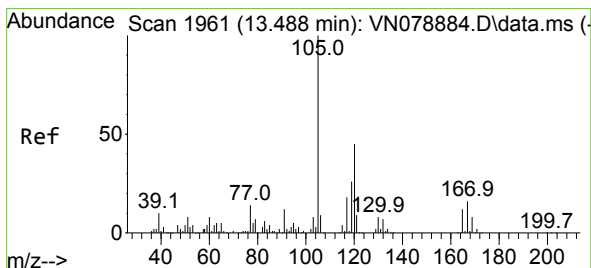
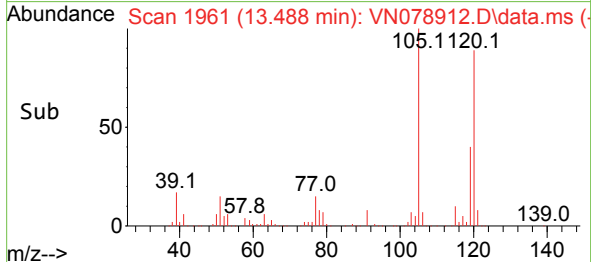
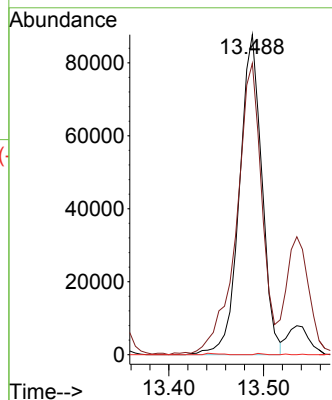
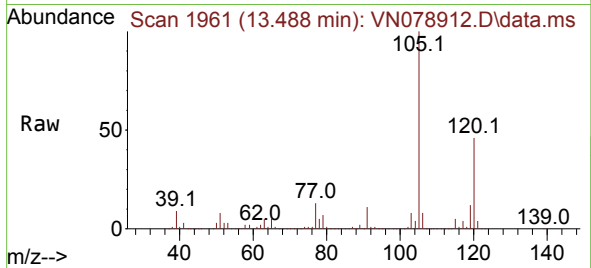




#83
tert-Butylbenzene
Concen: 18.230 ug/l
RT: 13.488 min Scan# 1953
Delta R.T. 0.047 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

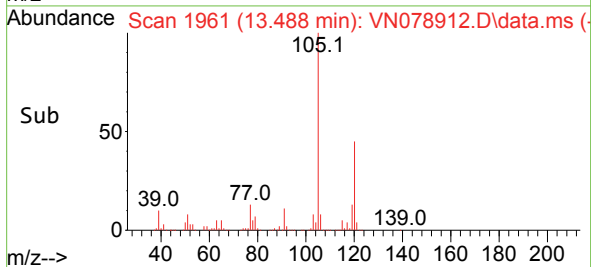
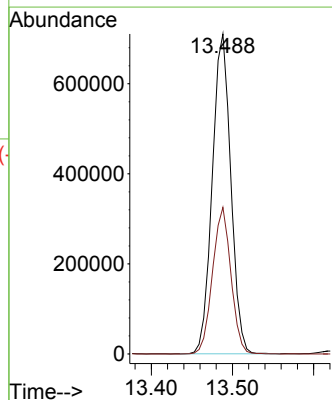
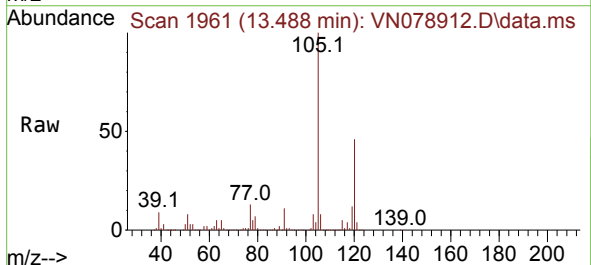
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

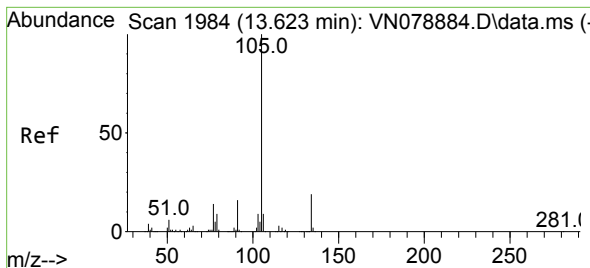
Tgt Ion:119 Resp: 143886
Ion Ratio Lower Upper
119 100
91 103.5 33.9 101.7#
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 121.049 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion:105 Resp: 1125929
Ion Ratio Lower Upper
105 100
120 45.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 103.659 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.135 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

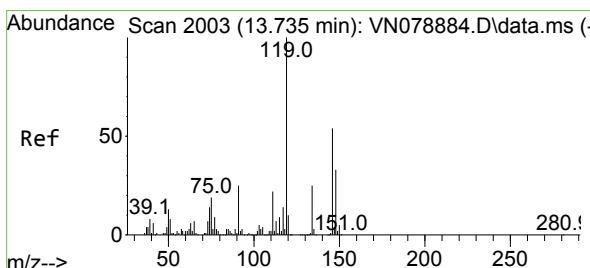
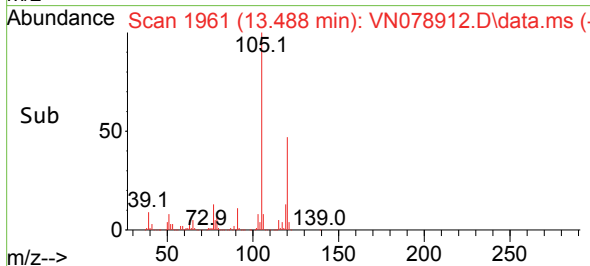
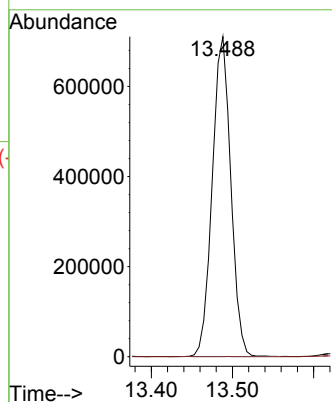
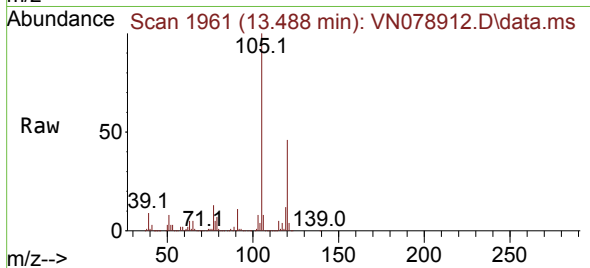
NEVINS-SB01-Z78-80

Tgt Ion:105 Resp: 1125929

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 13.677 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. -0.059 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

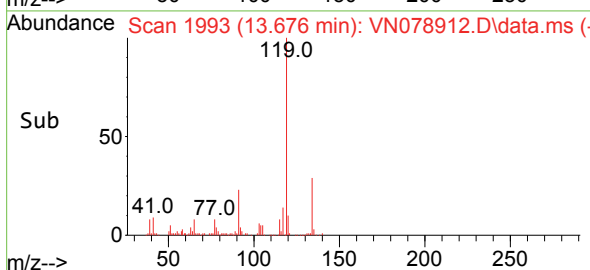
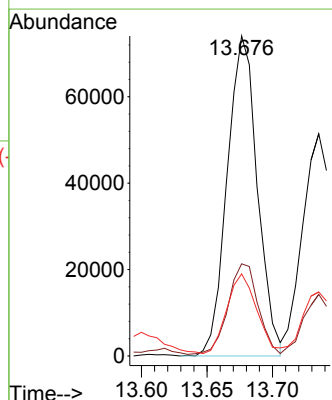
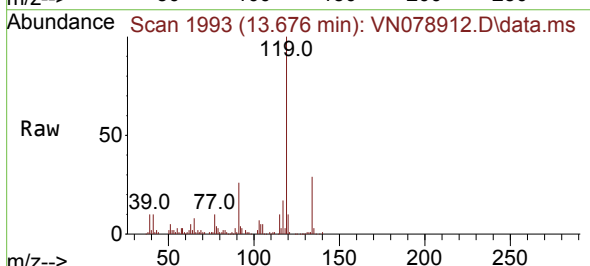
Tgt Ion:119 Resp: 118691

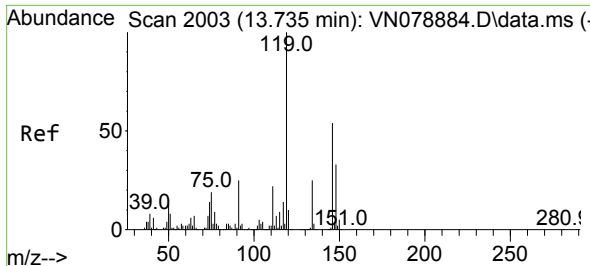
Ion Ratio Lower Upper

119 100

134 29.3 12.6 37.8

91 24.5 12.4 37.2

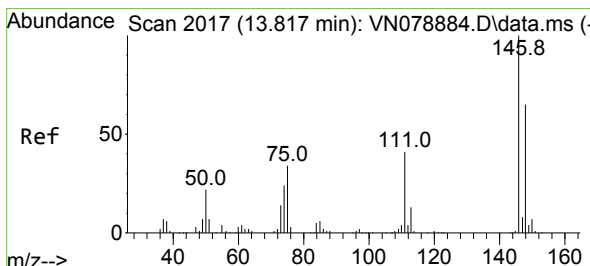
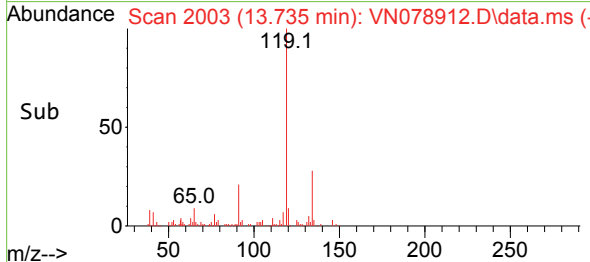
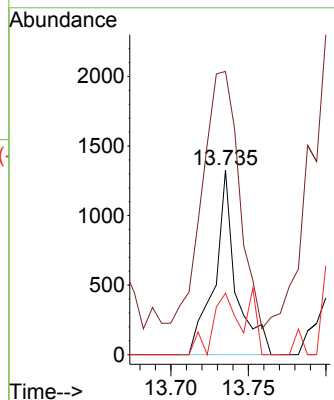
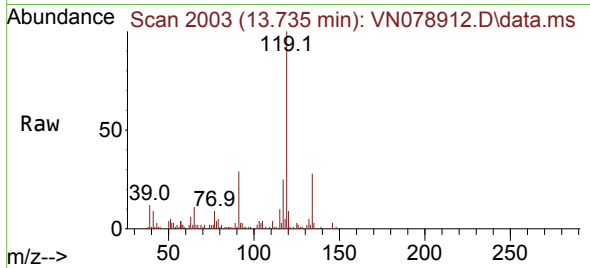




#87
1,3-Dichlorobenzene
Concen: 0.257 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

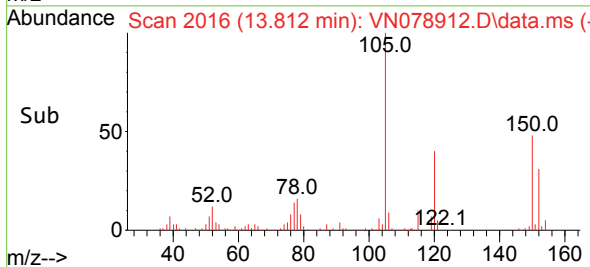
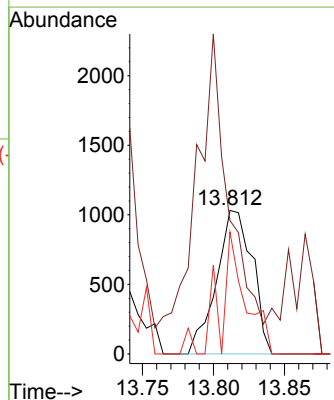
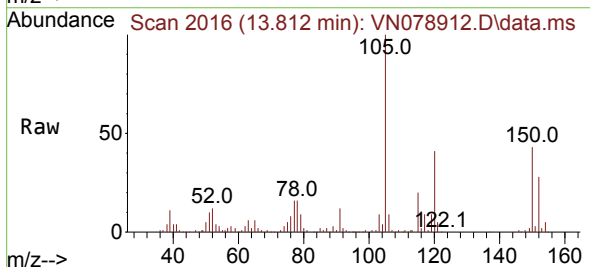
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

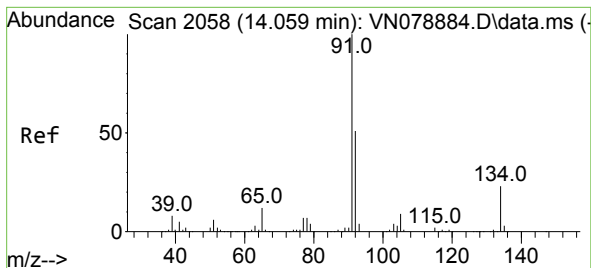
Tgt Ion:146 Resp: 1262
Ion Ratio Lower Upper
146 100
111 230.7 22.1 66.3#
148 52.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.370 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

Tgt Ion:146 Resp: 1814
Ion Ratio Lower Upper
146 100
111 187.9 20.6 61.8#
148 60.6 31.6 94.8





#89

n-Butylbenzene

Concen: 159.021 ug/l

RT: 14.000 min Scan# 2058

Delta R.T. -0.059 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB01-Z78-80

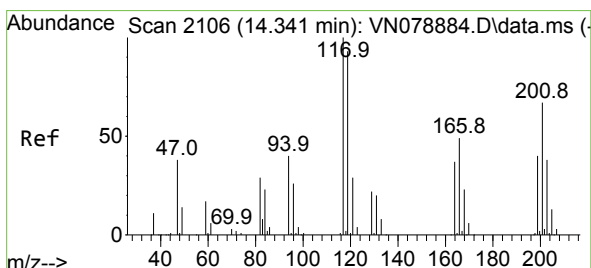
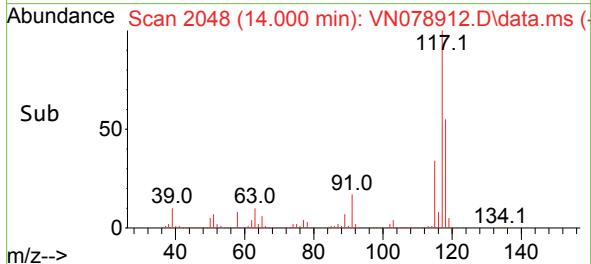
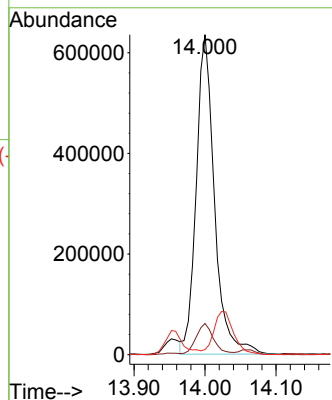
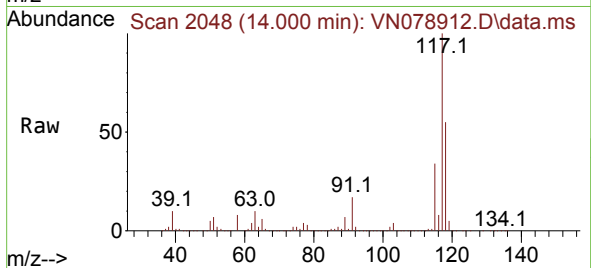
Tgt Ion: 91 Resp: 1135679

Ion Ratio Lower Upper

91 100

92 9.6 26.4 79.0#

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 32.584 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN078912.D

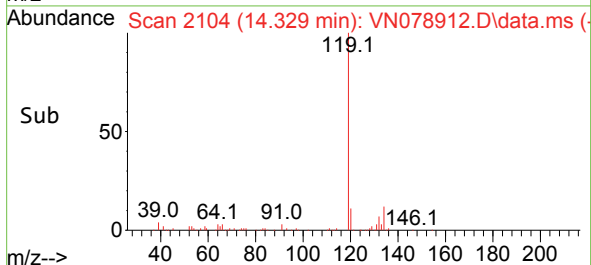
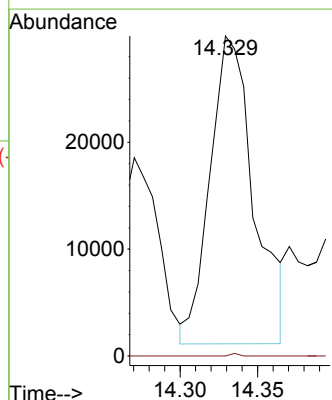
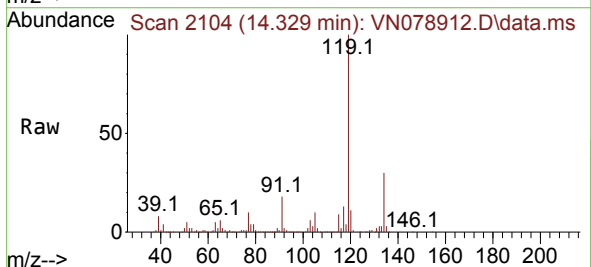
Acq: 16 Aug 2023 18:55

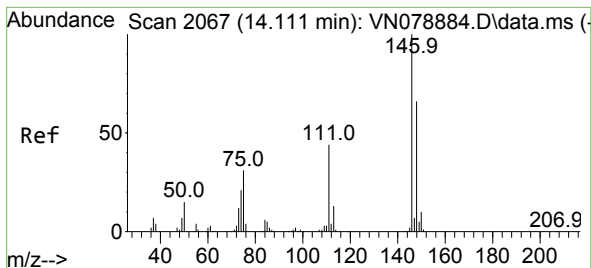
Tgt Ion: 117 Resp: 56683

Ion Ratio Lower Upper

117 100

201 0.1 29.3 88.0#





#91

1,2-Dichlorobenzene

Concen: 0.255 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

Instrument :

MSVOA_N

ClientSampleId :

NEVINS-SB01-Z78-80

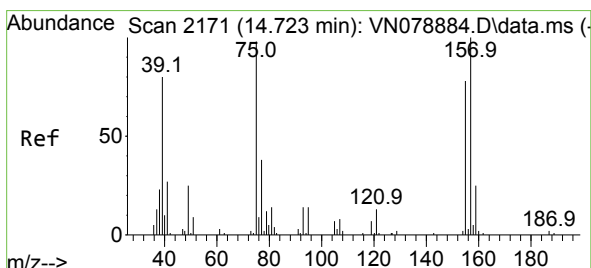
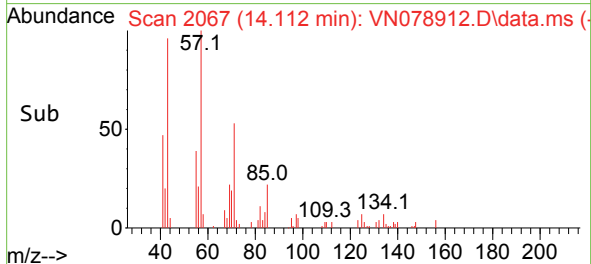
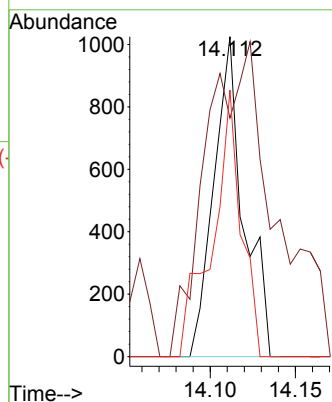
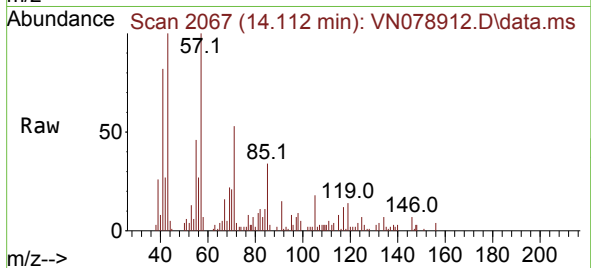
Tgt Ion:146 Resp: 1243

Ion Ratio Lower Upper

146 100

111 228.2 22.0 66.0#

148 81.0 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.741 min Scan# 2174

Delta R.T. 0.018 min

Lab File: VN078912.D

Acq: 16 Aug 2023 18:55

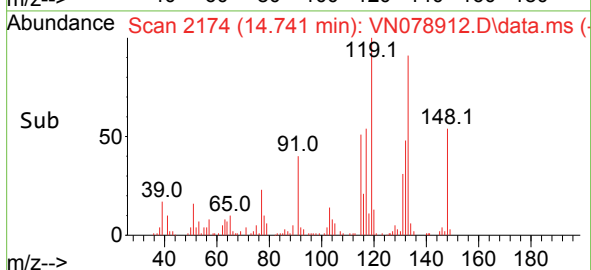
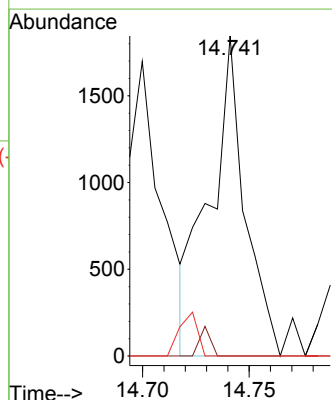
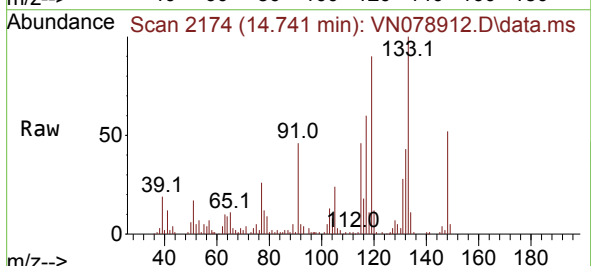
Tgt Ion: 75 Resp: 2117

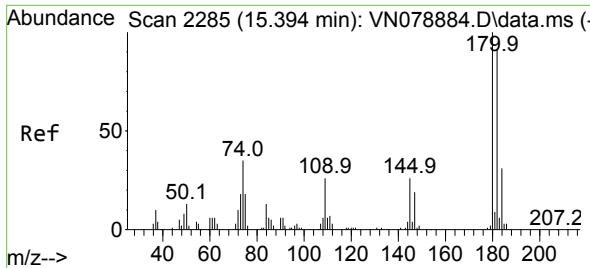
Ion Ratio Lower Upper

75 100

155 2.8 39.1 117.2#

157 7.0 50.3 150.9#

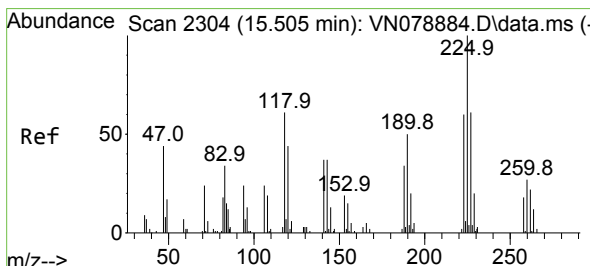
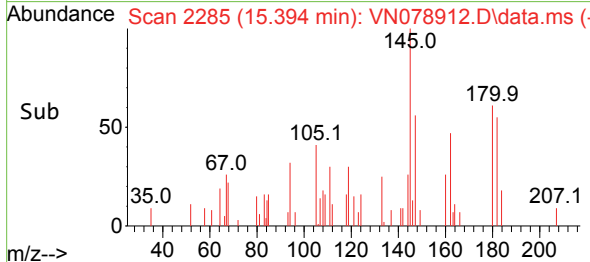
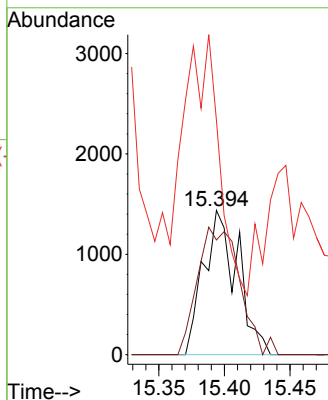
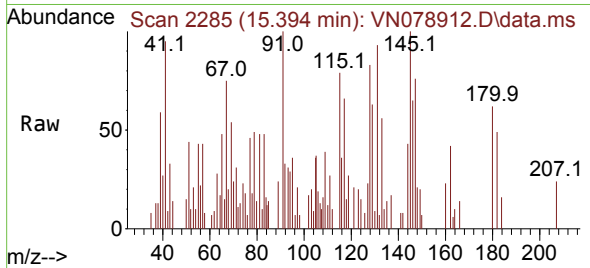




#93
1,2,4-Trichlorobenzene
Concen: 1.507 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

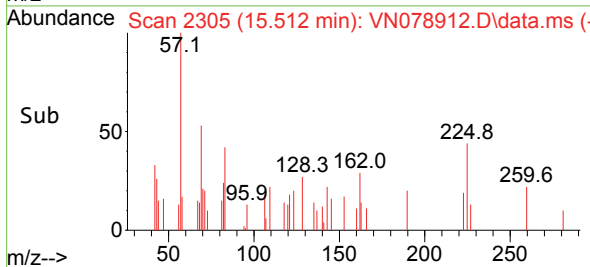
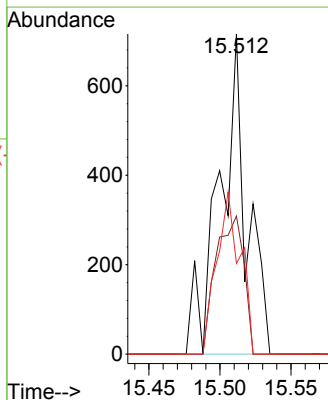
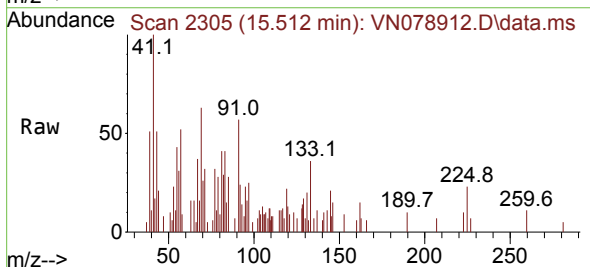
Instrument :
MSVOA_N
ClientSampleId :
NEVINS-SB01-Z78-80

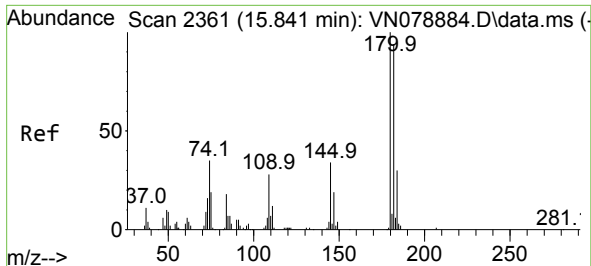
Tgt Ion:180 Resp: 2605
Ion Ratio Lower Upper
180 100
182 109.3 46.1 138.2
145 181.6 16.6 49.8#



#94
Hexachlorobutadiene
Concen: 0.732 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN078912.D
Acq: 16 Aug 2023 18:55

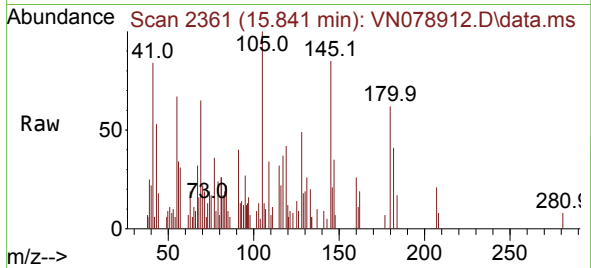
Tgt Ion:225 Resp: 950
Ion Ratio Lower Upper
225 100
223 44.3 31.3 93.8
227 44.5 31.9 95.9





#96
 1,2,3-Trichlorobenzene
 Concen: 1.772 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078912.D
 Acq: 16 Aug 2023 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 NEVINS-SB01-Z78-80



Tgt Ion:	180	Resp:	3355
Ion Ratio	Lower	Upper	
180	100		
182	86.6	46.2	138.6
145	85.4	17.5	52.6#

