

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078700.D
 Acq On : 31 Jul 2023 12:51
 Operator : JC\MD
 Sample : VN0731WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL01

Quant Time: Aug 01 01:15:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	689068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1192284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1070890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	381802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	423426	45.837	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.680%		
35) Dibromofluoromethane	8.177	113	419362	51.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.620%		
50) Toluene-d8	10.571	98	1474976	48.241	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.480%		
62) 4-Bromofluorobenzene	12.853	95	495435	52.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	3378	0.368	ug/l #	76
5) Bromomethane	2.977	94	5265	Below Cal	#	66
6) Chloroethane	3.118	64	142	Below Cal	#	43
10) Methyl Iodide	4.606	142	6925	0.670	ug/l #	93
11) Tert butyl alcohol	5.512	59	8044	5.647	ug/l #	72
13) Acrolein	4.194	56	556	0.397	ug/l #	1
15) Acrylonitrile	5.736	53	2937	0.816	ug/l #	82
16) Acetone	4.436	43	1595	0.554	ug/l #	66
17) Carbon Disulfide	4.712	76	12576	0.598	ug/l	97
18) Methyl Acetate	5.047	43	4926	0.404	ug/l #	78
20) Methylene Chloride	5.277	84	4163	Below Cal	#	81
21) trans-1,2-Dichloroethene	5.812	96	1852	0.226	ug/l #	81
23) Vinyl Acetate	6.636	43	3707	0.262	ug/l #	62
25) 2-Butanone	7.494	43	1596	0.352	ug/l	99
29) Tetrahydrofuran	7.847	42	959	0.323	ug/l #	38
31) Cyclohexane	8.224	56	13557	1.086	ug/l #	19
36) 1,1-Dichloropropene	8.235	75	52147	4.462	ug/l #	49
38) Carbon Tetrachloride	8.230	117	68735	5.412	ug/l #	17
39) Methylcyclohexane	9.612	83	2547	0.239	ug/l #	76
43) Isopropyl Acetate	8.741	43	20419	1.273	ug/l #	51
49) 1,4-Dioxane	9.718	88	677	4.178	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	8266	0.866	ug/l #	83
58) 2-Chloroethyl Vinyl ether	10.171	63	1109	0.263	ug/l #	53
59) 2-Hexanone	11.206	43	12150	1.792	ug/l	87
65) Chlorobenzene	11.900	112	6477	0.271	ug/l #	86
68) m/p-Xylenes	12.076	106	4632	0.310	ug/l	92
70) Styrene	12.417	104	5945	0.251	ug/l	93
71) Bromoform	12.582	173	1926	0.309	ug/l #	86
74) N-amyl acetate	12.494	43	5747	0.465	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	3391	Below Cal		91
76) 1,2,3-Trichloropropane	12.859	75	242013	26.224	ug/l #	1
77) Bromobenzene	12.988	156	2832	Below Cal		75
78) n-propylbenzene	13.035	91	10497	0.274	ug/l	93
79) 2-Chlorotoluene	13.135	91	6838	0.272	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	7815	0.276	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.859	75	242013	68.912	ug/l #	15

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Instrument :
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 ClientSampleId :
 VN0731WBL01

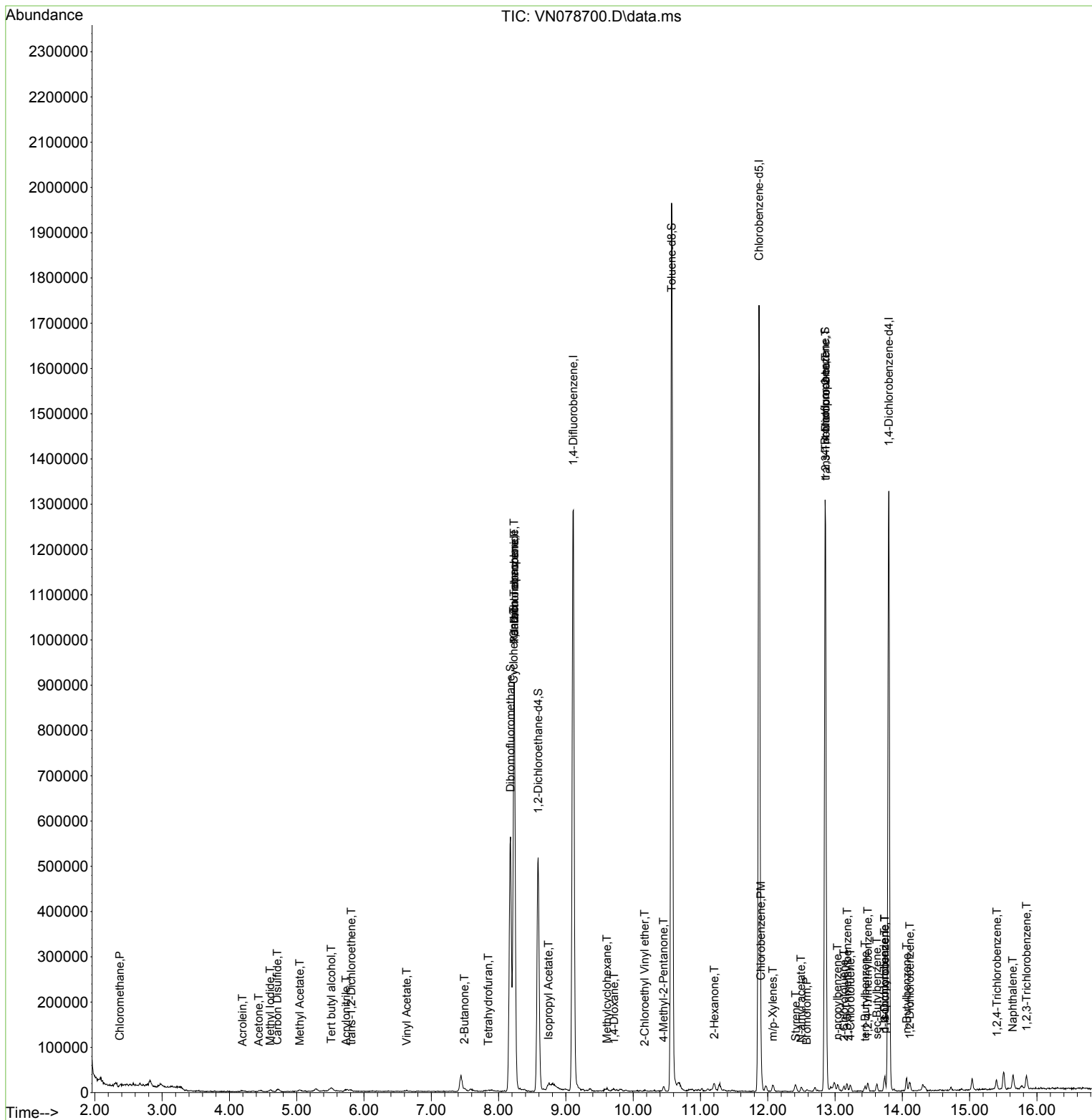
Quant Time: Aug 01 01:15:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
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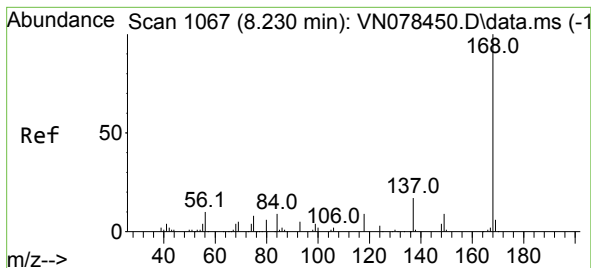
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

82) 4-Chlorotoluene	13.229	91	8991	0.384	ug/l	91
83) tert-Butylbenzene	13.447	119	5589	0.232	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	9136	0.332	ug/l	96
85) sec-Butylbenzene	13.623	105	11654	0.383	ug/l	92
86) p-Isopropyltoluene	13.735	119	9546	0.391	ug/l	90
87) 1,3-Dichlorobenzene	13.741	146	7340	0.533	ug/l	91
88) 1,4-Dichlorobenzene	13.741	146	7340	0.529	ug/l	88
89) n-Butylbenzene	14.064	91	14464	0.828	ug/l	97
90) Hexachloroethane	14.347	117	1545	Below Cal		78
91) 1,2-Dichlorobenzene	14.111	146	9136	0.667	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1754	Below Cal		79
93) 1,2,4-Trichlorobenzene	15.406	180	6646	1.519	ug/l	86
94) Hexachlorobutadiene	15.506	225	7572	Below Cal		95
95) Naphthalene	15.641	128	27410	1.833	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	9912	1.971	ug/l	87

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078700.D

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ClientSampleId :

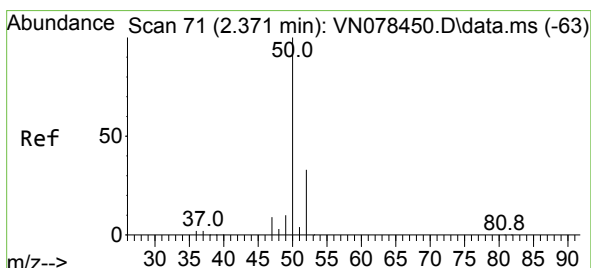
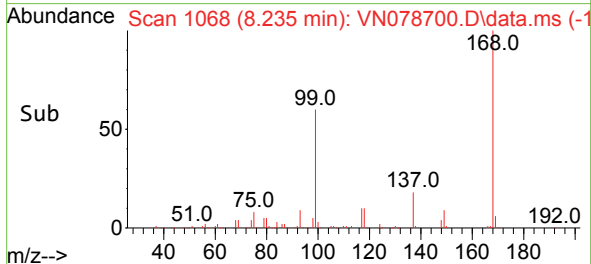
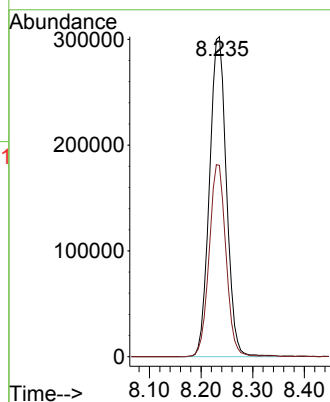
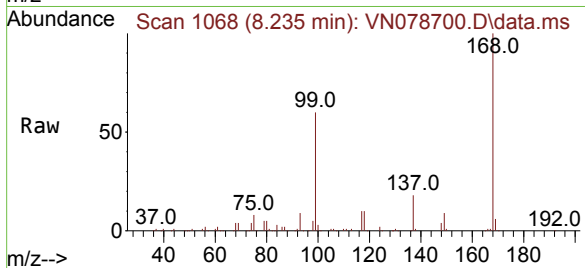
VN0731WBL01

Tgt Ion:168 Resp: 689068

Ion Ratio Lower Upper

168 100

99 59.8 53.0 79.6



#3

Chloromethane

Concen: 0.368 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078700.D

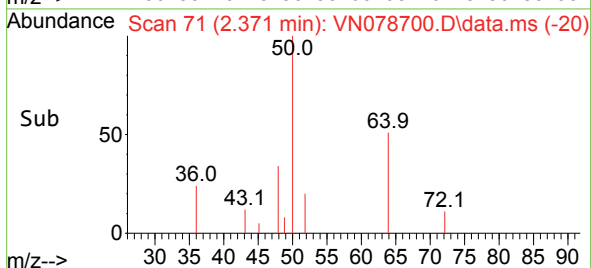
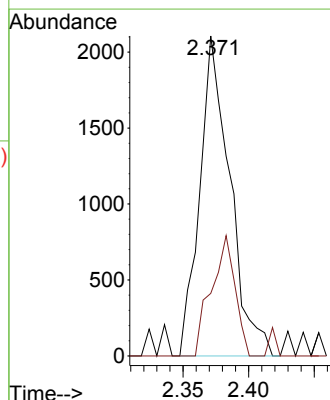
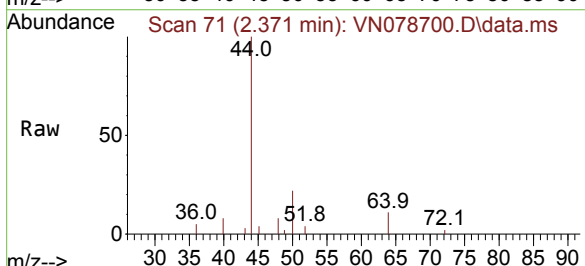
Acq: 31 Jul 2023 12:51

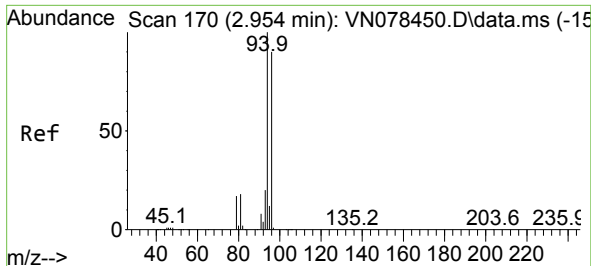
Tgt Ion: 50 Resp: 3378

Ion Ratio Lower Upper

50 100

52 19.6 26.5 39.7#

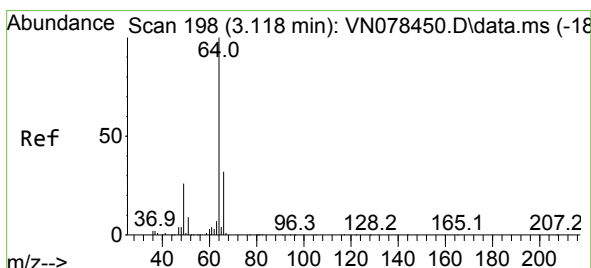
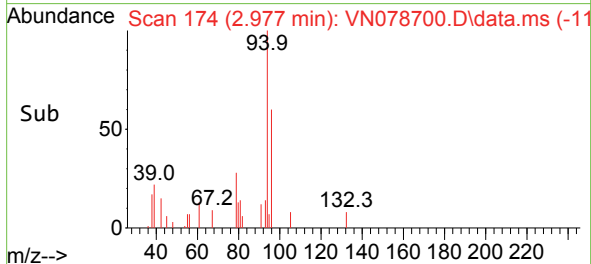
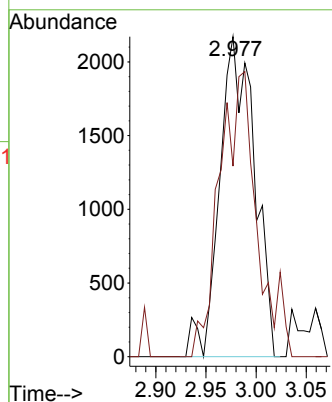
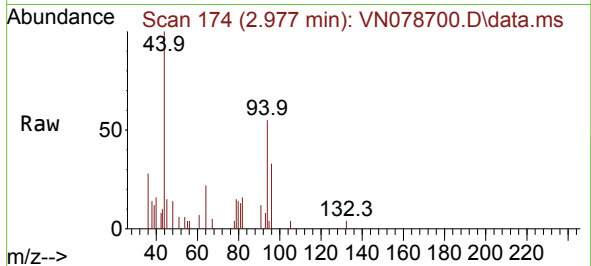




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

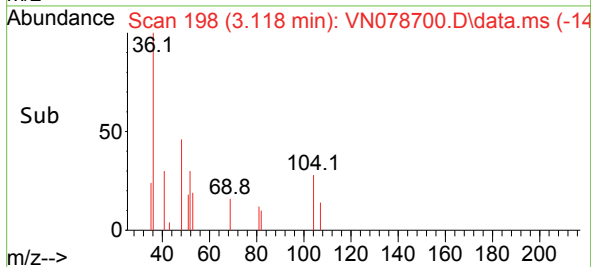
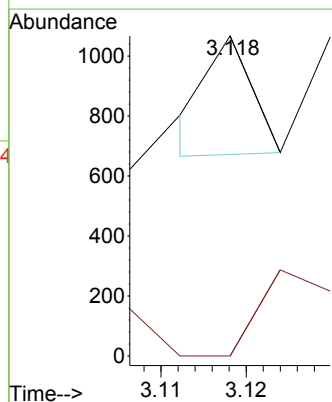
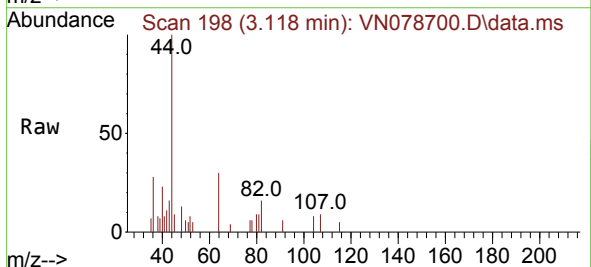
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

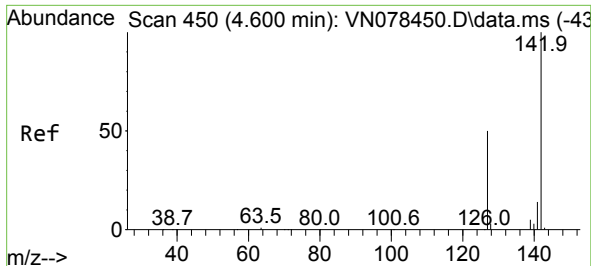
Tgt Ion: 94 Resp: 5265
Ion Ratio Lower Upper
94 100
96 59.6 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

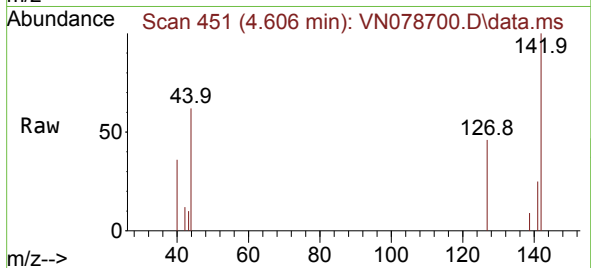
Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



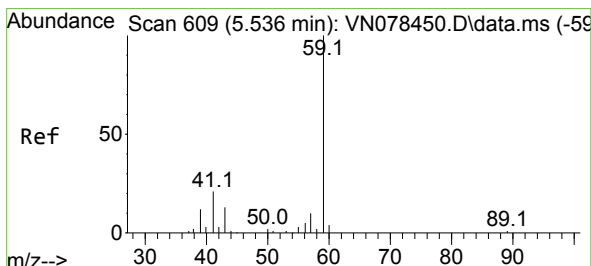
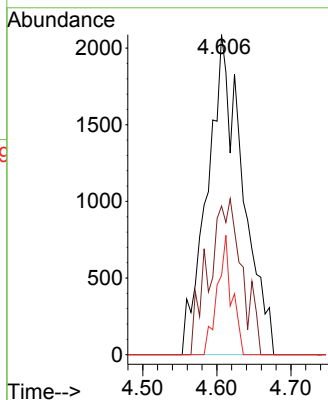
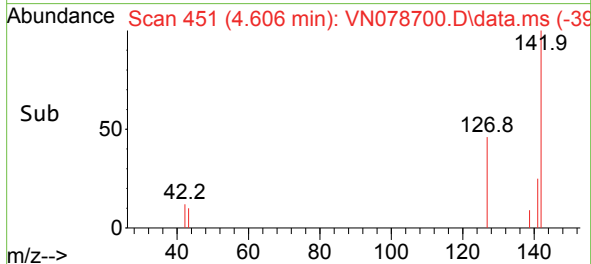


#10
Methyl Iodide
Concen: 0.670 ug/l
RT: 4.606 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

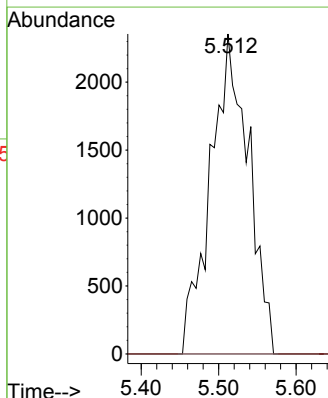
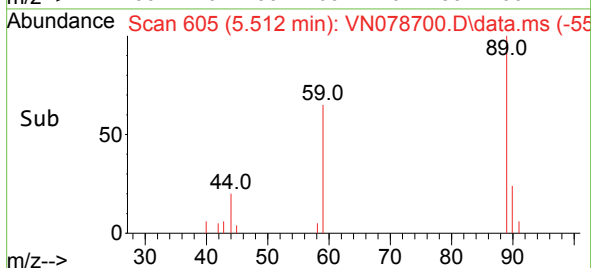
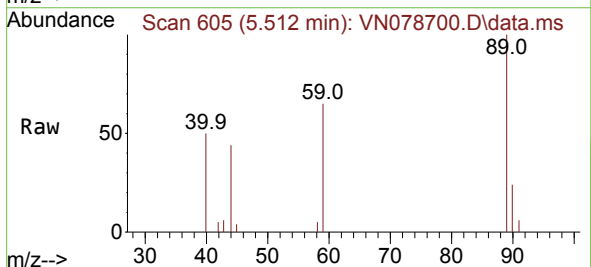


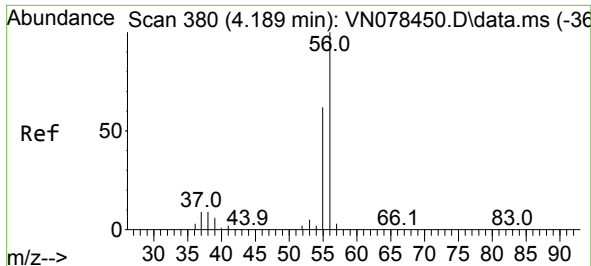
Tgt Ion:142 Resp: 6925
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 24.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 5.647 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.024 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 59 Resp: 8044
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

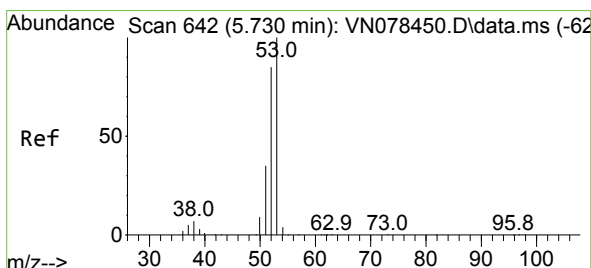
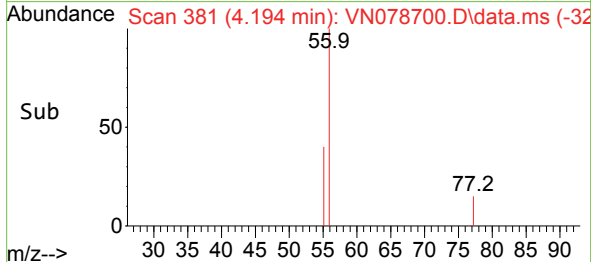
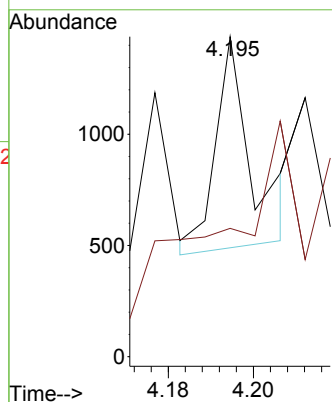
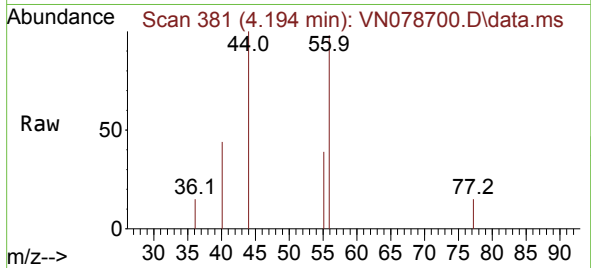




#13
Acrolein
Concen: 0.397 ug/l
RT: 4.194 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

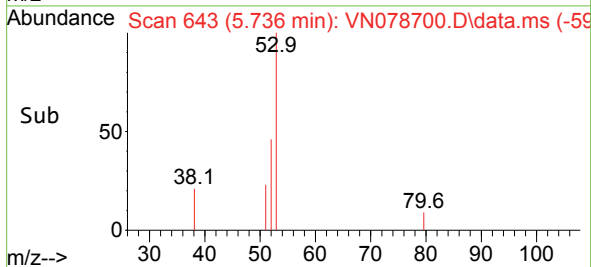
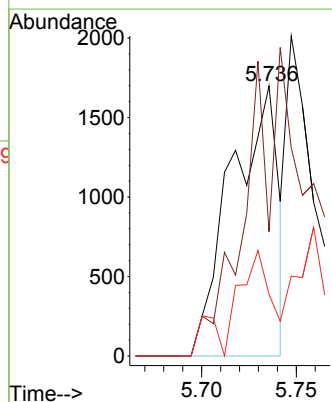
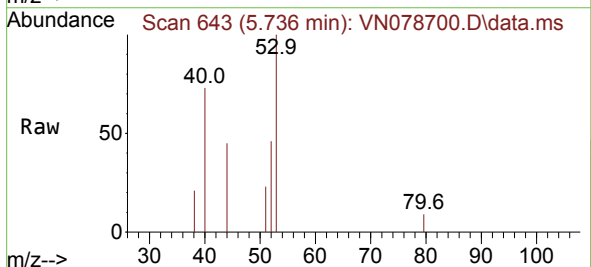
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ClientSampleId :
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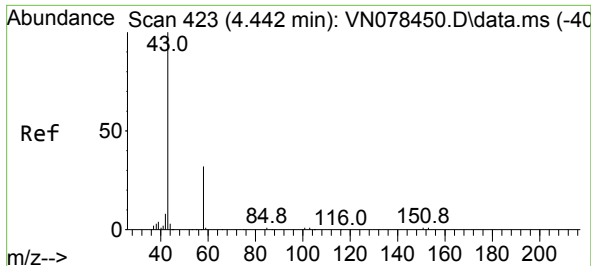
Tgt Ion: 56 Resp: 556
Ion Ratio Lower Upper
56 100
55 376.3 54.5 81.7#



#15
Acrylonitrile
Concen: 0.816 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 53 Resp: 2937
Ion Ratio Lower Upper
53 100
52 61.9 65.3 97.9#
51 31.9 28.9 43.3

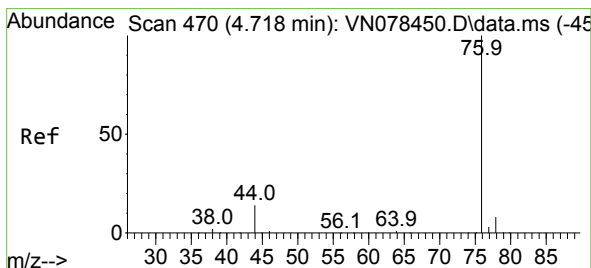
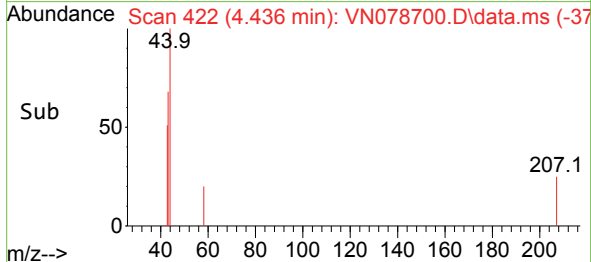
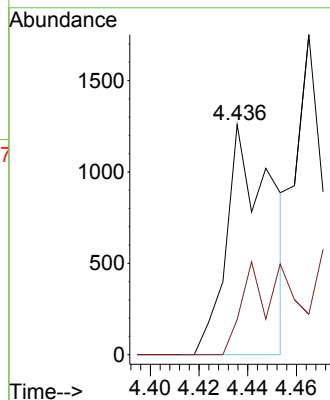
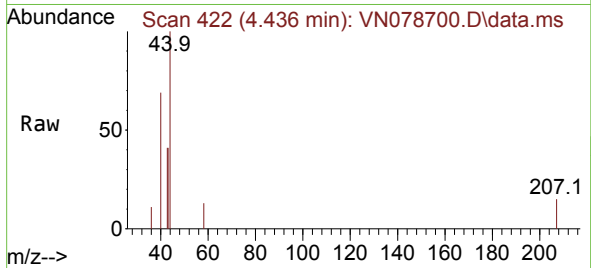




#16
Acetone
Concen: 0.554 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

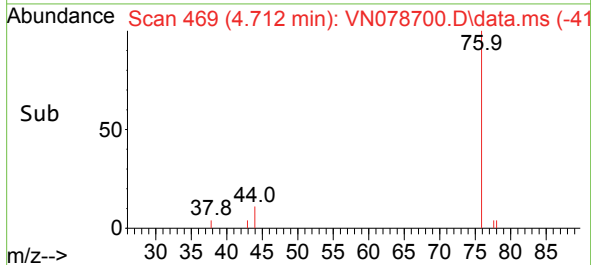
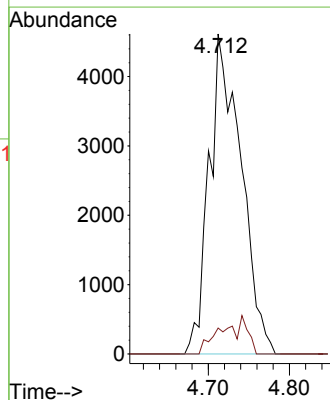
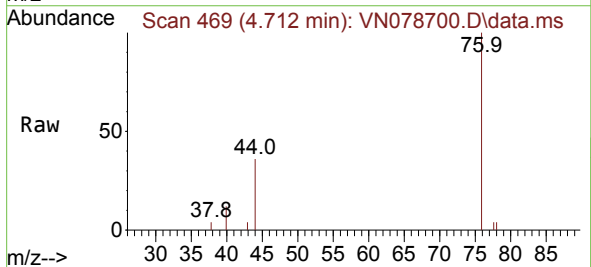
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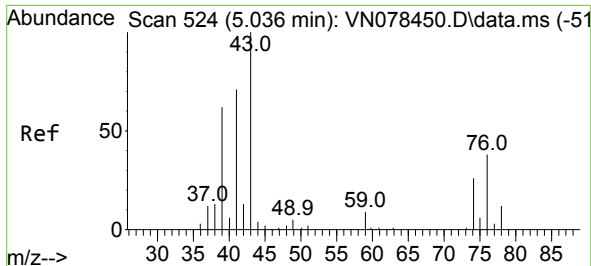
Tgt Ion: 43 Resp: 1595
Ion Ratio Lower Upper
43 100
58 15.2 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.598 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 76 Resp: 12576
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

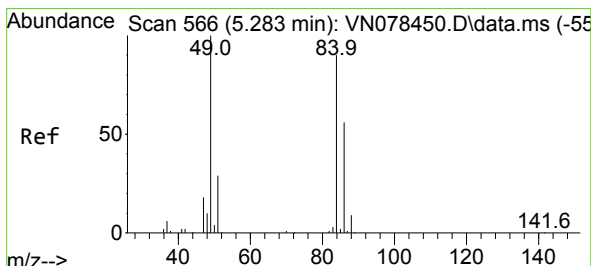
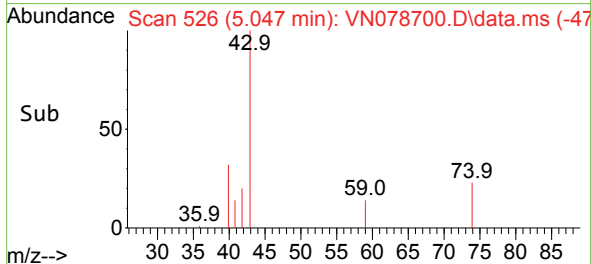
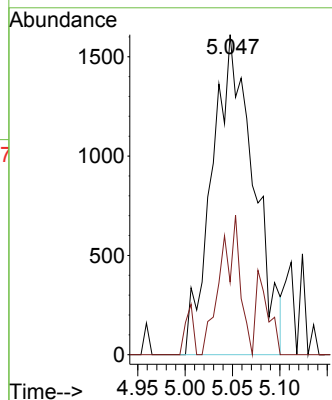
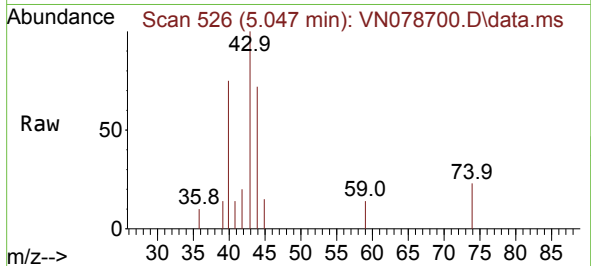




#18
Methyl Acetate
Concen: 0.404 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

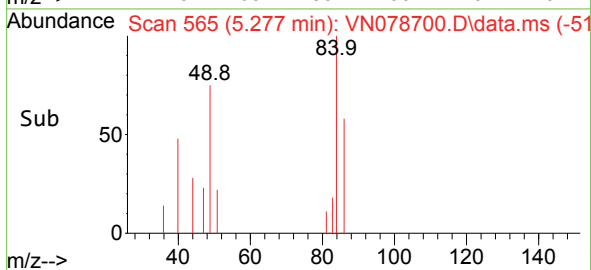
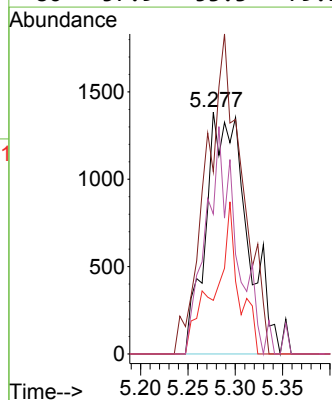
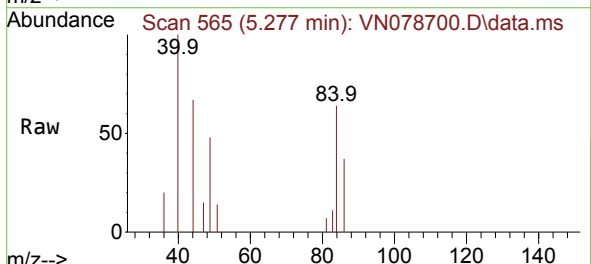
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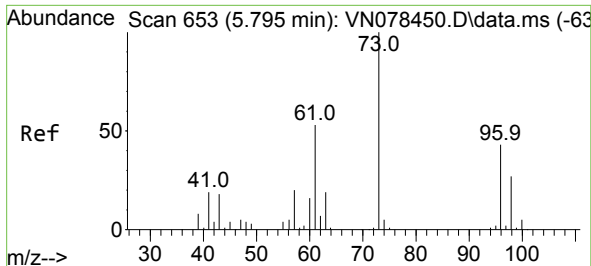
Tgt Ion: 43 Resp: 4926
Ion Ratio Lower Upper
43 100
74 20.3 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 84 Resp: 4163
Ion Ratio Lower Upper
84 100
49 75.4 79.7 119.5#
51 22.2 25.2 37.8#
86 57.9 53.3 79.9

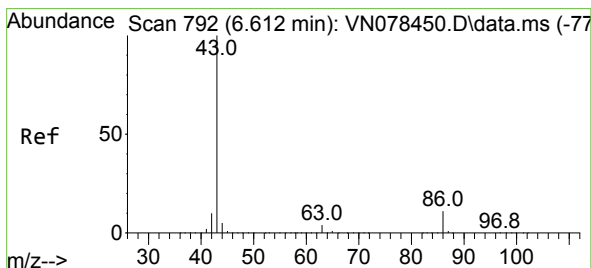
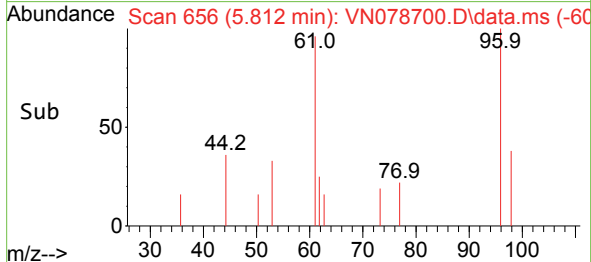
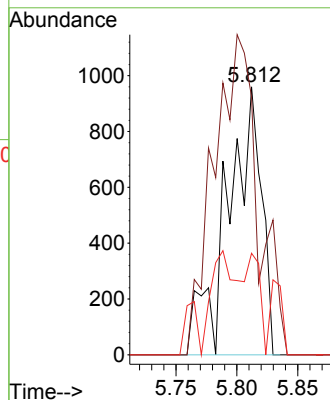
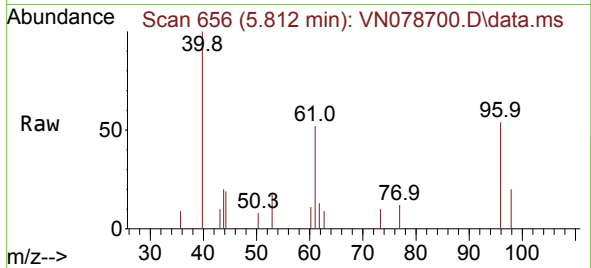




#21
trans-1,2-Dichloroethene
Concen: 0.226 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.017 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

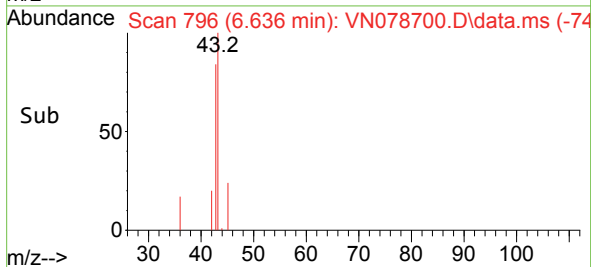
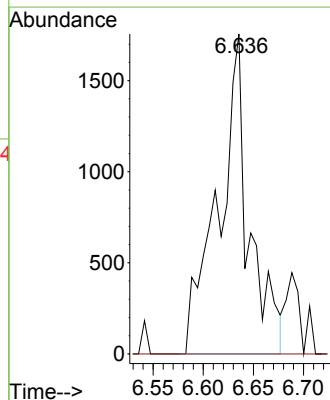
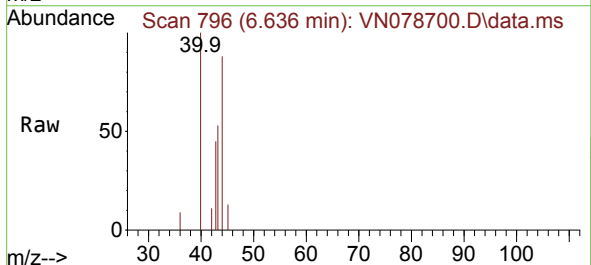
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

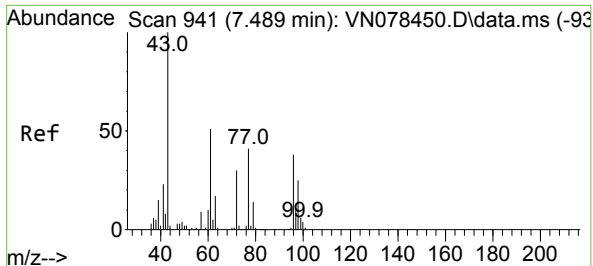
Tgt Ion: 96 Resp: 1852
Ion Ratio Lower Upper
96 100
61 96.3 90.1 135.1
98 37.9 46.4 69.6#



#23
Vinyl Acetate
Concen: 0.262 ug/l
RT: 6.636 min Scan# 796
Delta R.T. 0.024 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 43 Resp: 3707
Ion Ratio Lower Upper
43 100
86 0.0 13.0 19.6#

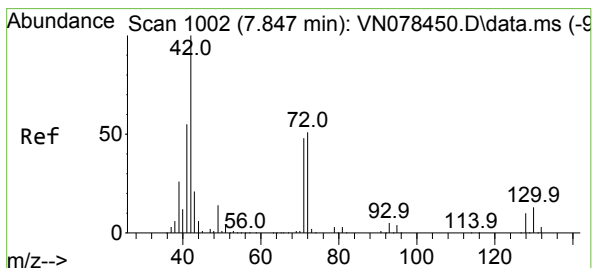
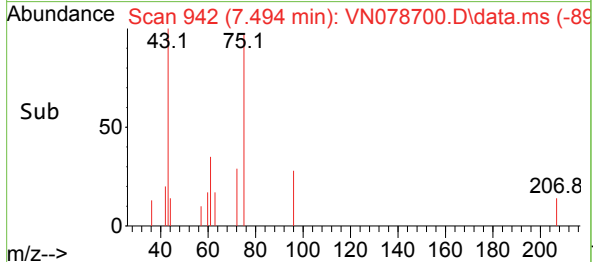
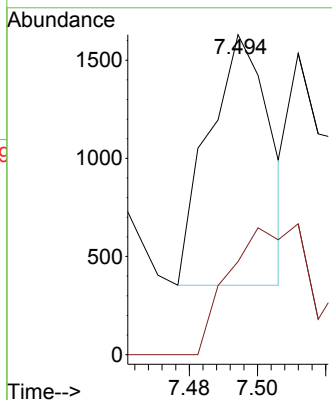
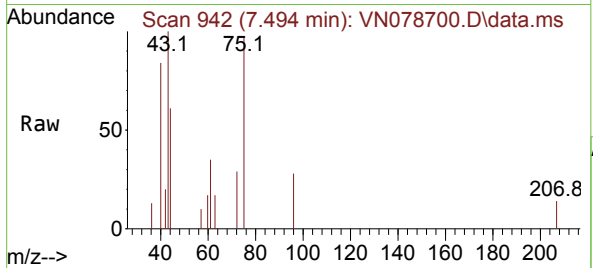




#25
2-Butanone
Concen: 0.352 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

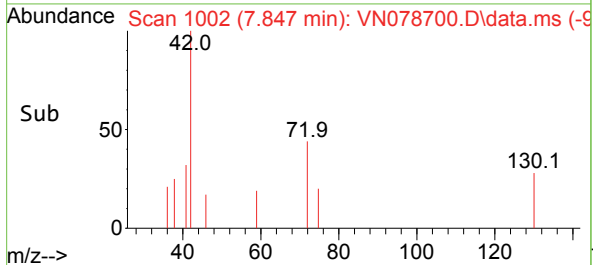
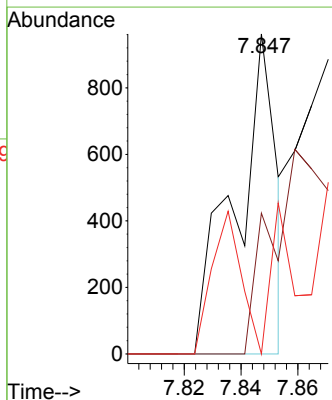
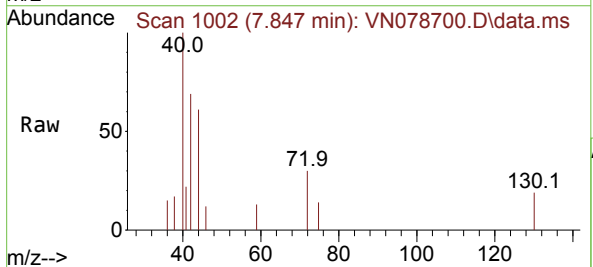
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

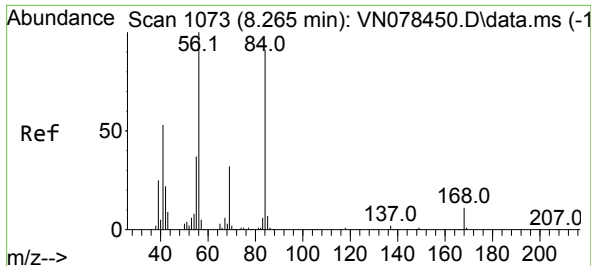
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
72 37.1 30.2 45.2



#29
Tetrahydrofuran
Concen: 0.323 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 42 Resp: 959
Ion Ratio Lower Upper
42 100
72 119.5 49.8 74.6#
71 23.1 47.4 71.2#

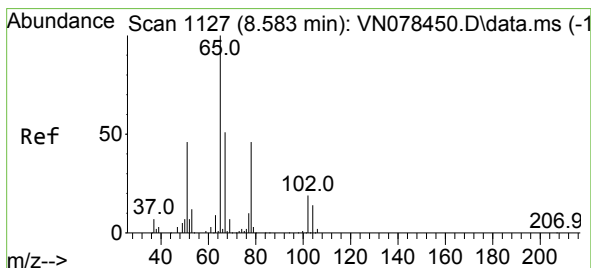
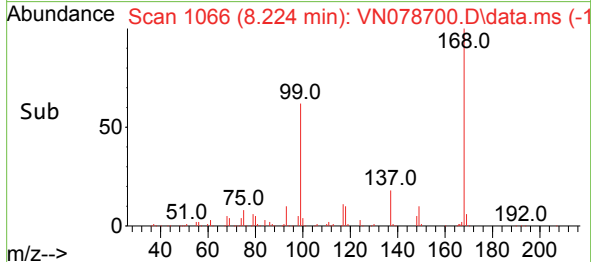
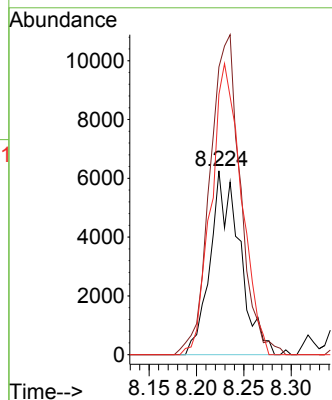
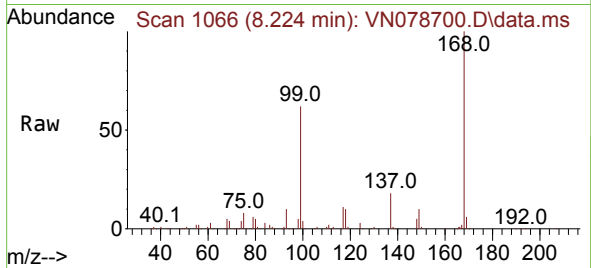




#31
Cyclohexane
Concen: 1.086 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

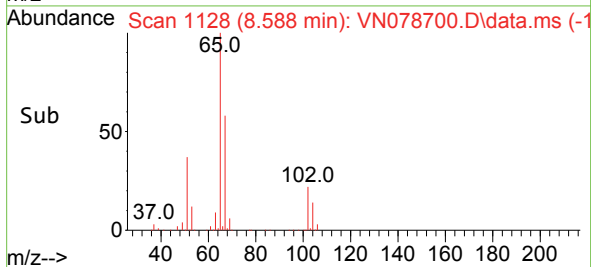
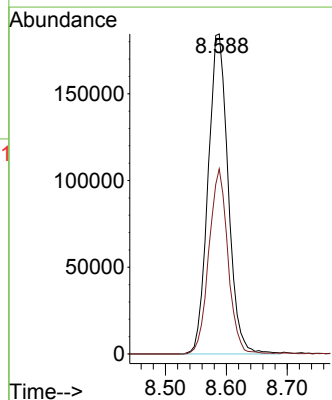
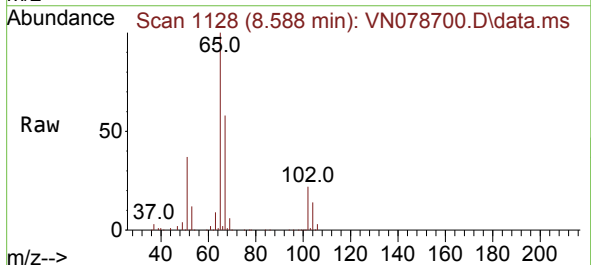
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

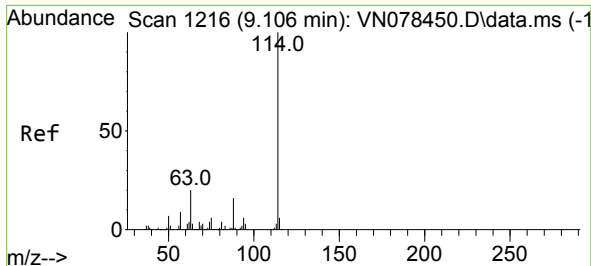
Tgt Ion: 56 Resp: 13557
Ion Ratio Lower Upper
56 100
69 153.7 26.8 40.2#
84 141.6 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 45.837 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 65 Resp: 423426
Ion Ratio Lower Upper
65 100
67 54.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

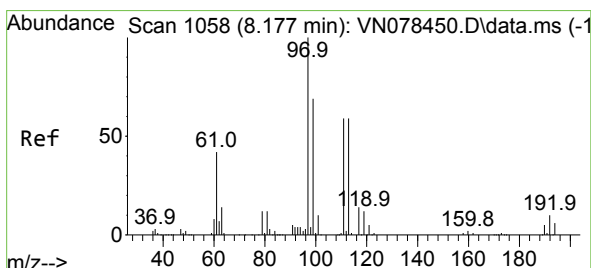
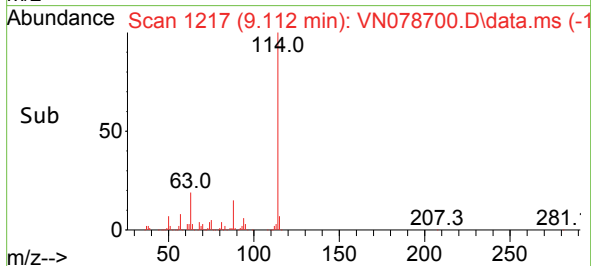
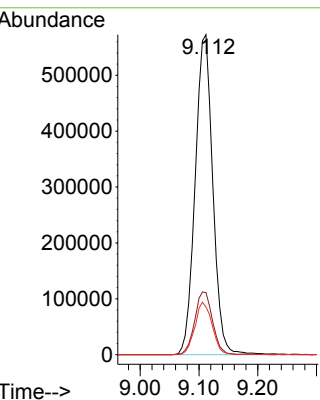
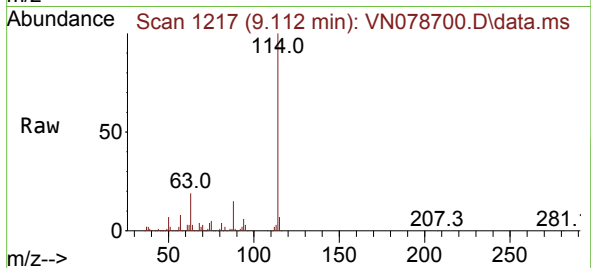
Tgt Ion:114 Resp: 1192284

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.814 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

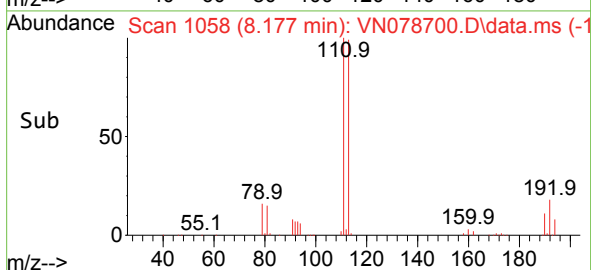
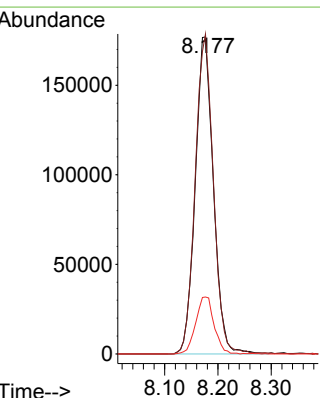
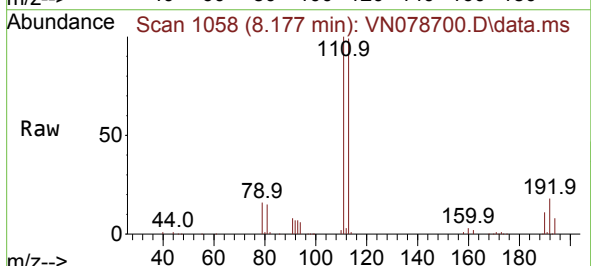
Tgt Ion:113 Resp: 419362

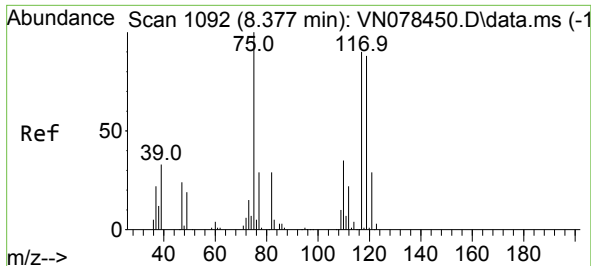
Ion Ratio Lower Upper

113 100

111 100.8 82.6 123.8

192 18.2 12.7 19.1

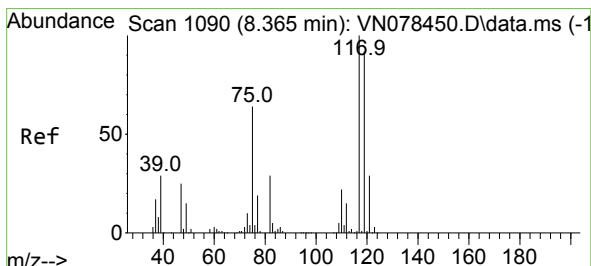
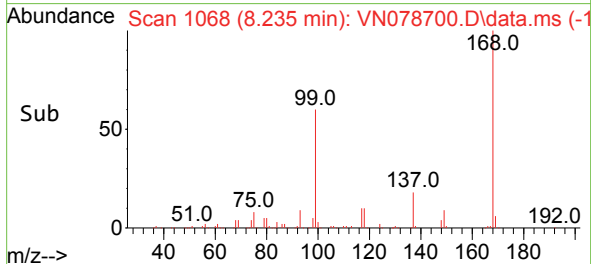
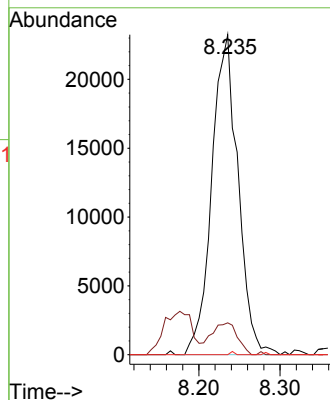
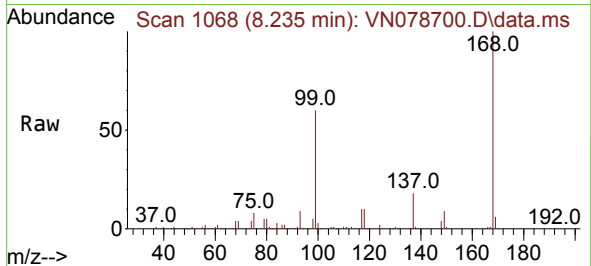




#36
1,1-Dichloropropene
Concen: 4.462 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

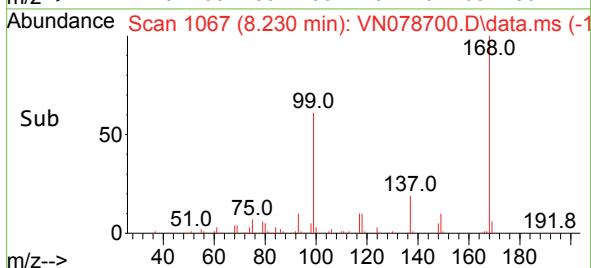
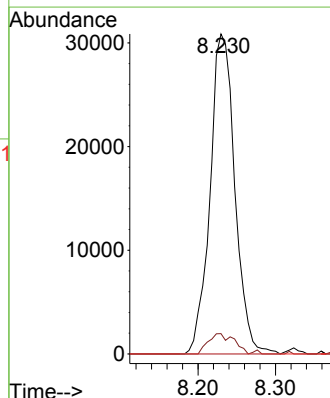
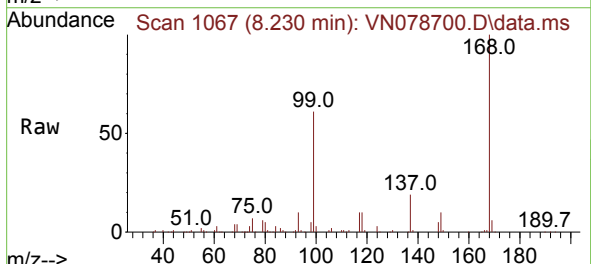
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

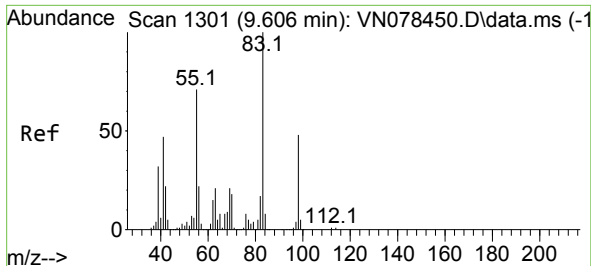
Tgt Ion: 75 Resp: 52147
Ion Ratio Lower Upper
75 100
110 10.2 19.1 57.3#
77 0.2 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 117 Resp: 68735
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.239 ug/l

RT: 9.612 min Scan# 1154

Delta R.T. 0.006 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

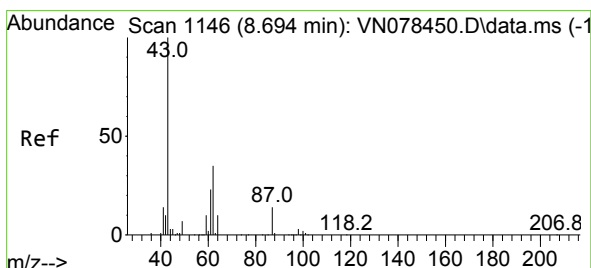
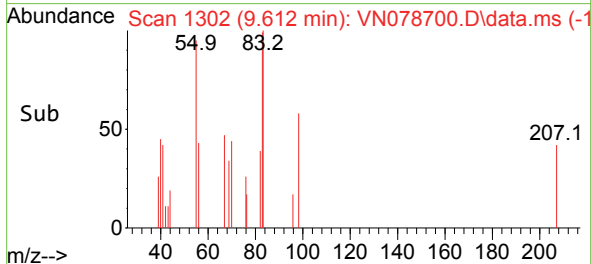
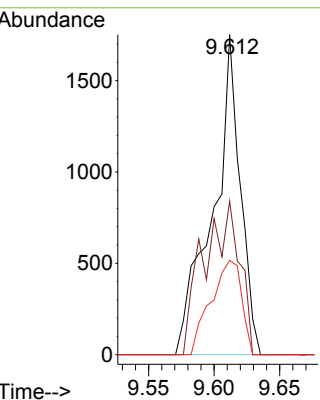
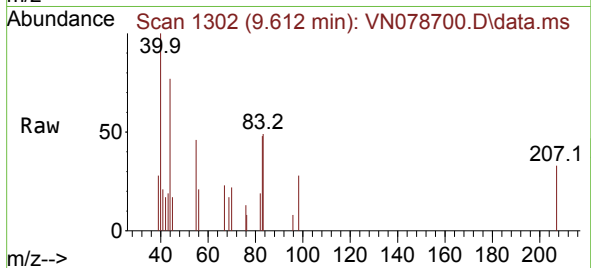
Tgt Ion: 83 Resp: 2547

Ion Ratio Lower Upper

83 100

55 48.0 49.1 73.7#

98 29.4 40.6 61.0#



#43

Isopropyl Acetate

Concen: 1.273 ug/l

RT: 8.741 min Scan# 1154

Delta R.T. 0.047 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

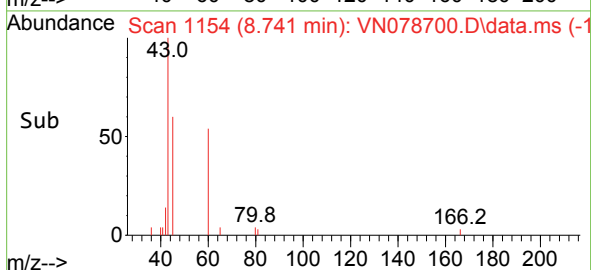
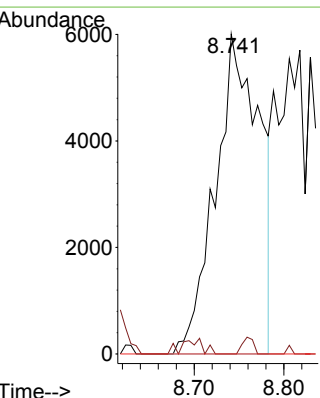
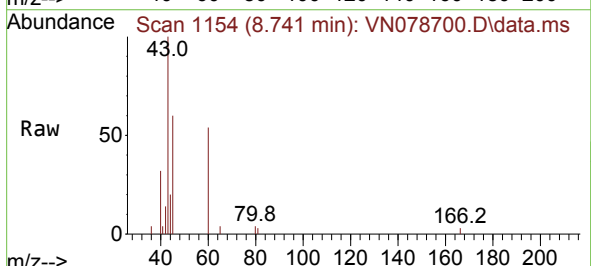
Tgt Ion: 43 Resp: 20419

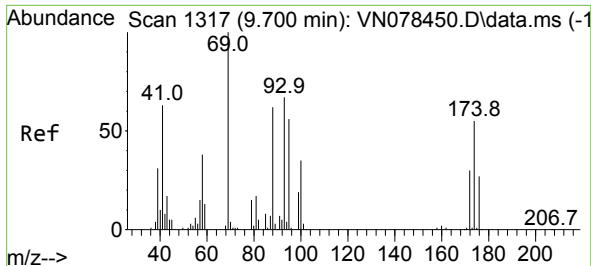
Ion Ratio Lower Upper

43 100

61 1.3 24.7 37.1#

87 0.0 14.6 21.8#





#49

1,4-Dioxane

Concen: 4.178 ug/l

RT: 9.718 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

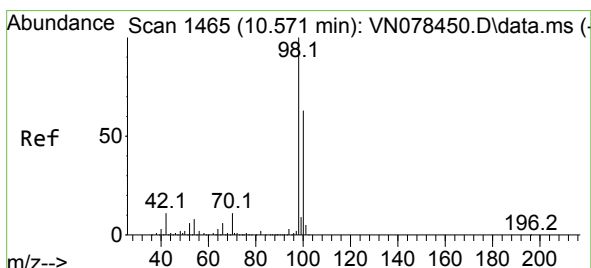
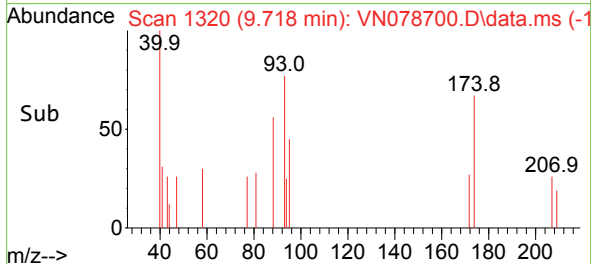
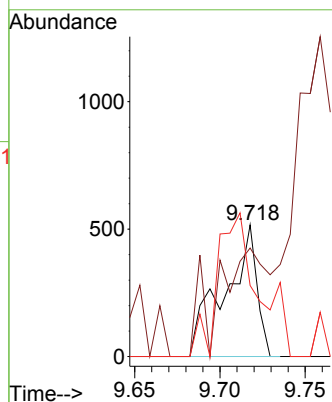
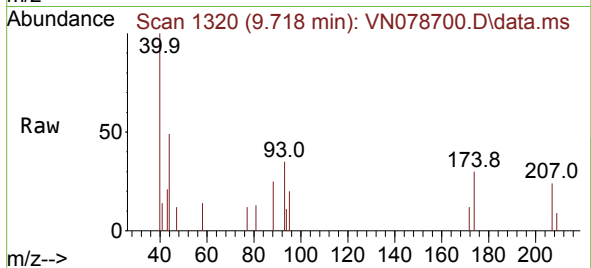
Tgt Ion: 88 Resp: 677

Ion Ratio Lower Upper

88 100

43 110.2 17.0 25.6#

58 139.0 47.0 70.4#



#50

Toluene-d8

Concen: 48.241 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078700.D

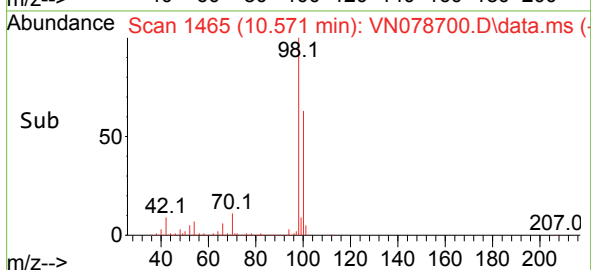
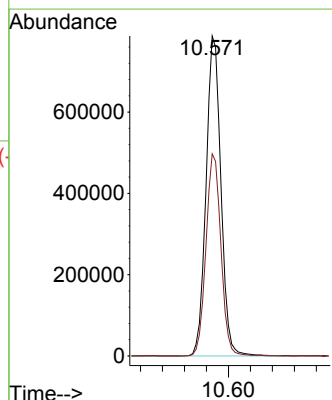
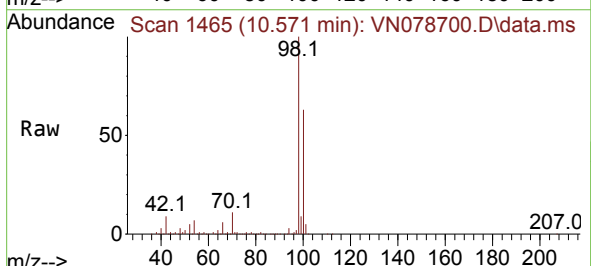
Acq: 31 Jul 2023 12:51

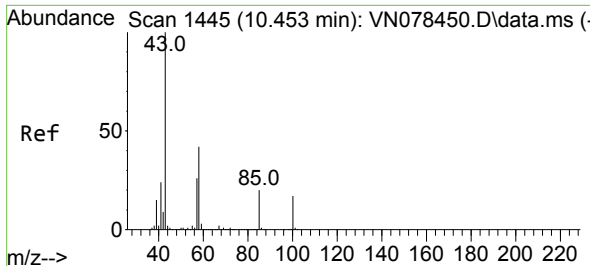
Tgt Ion: 98 Resp: 1474976

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

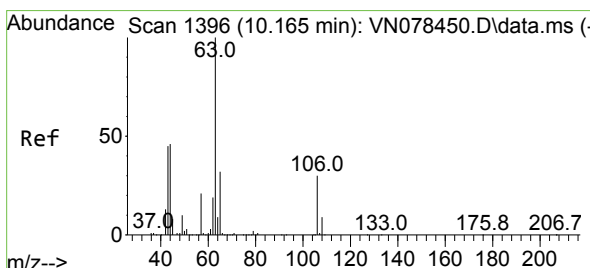
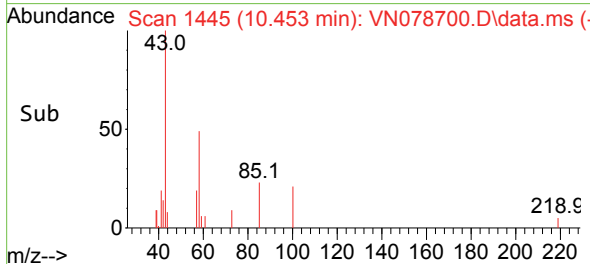
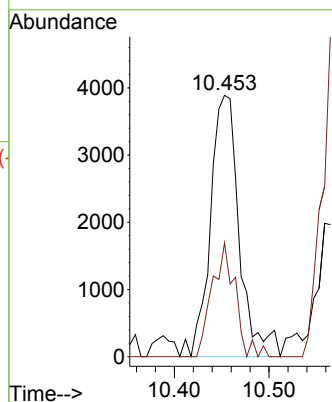
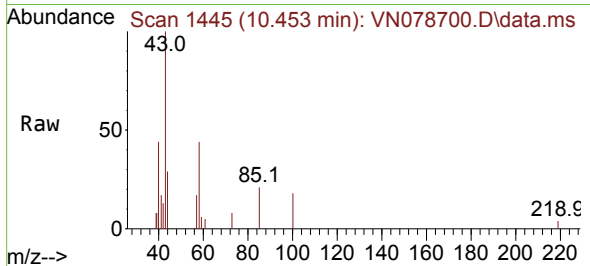




#51
4-Methyl-2-Pentanone
Concen: 0.866 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

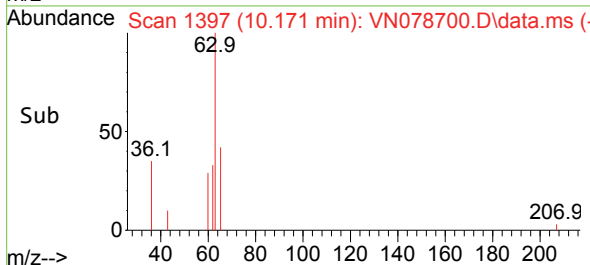
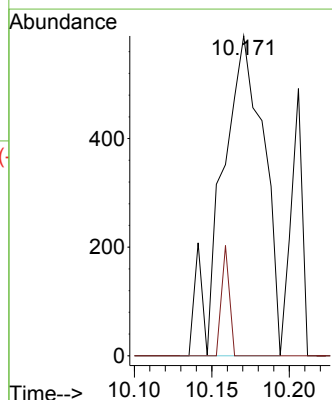
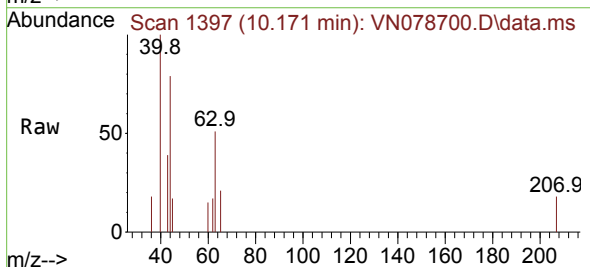
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

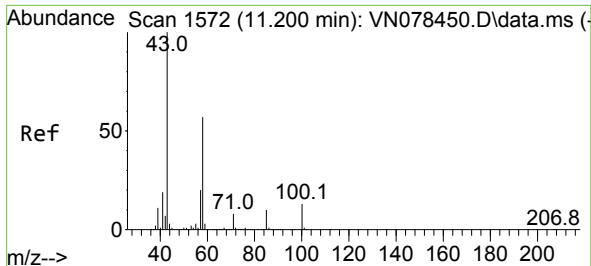
Tgt Ion: 43 Resp: 8266
Ion Ratio Lower Upper
43 100
58 34.8 36.6 54.8#



#58
2-Chloroethyl Vinyl ether
Concen: 0.263 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 63 Resp: 1109
Ion Ratio Lower Upper
63 100
106 6.5 26.2 39.4#

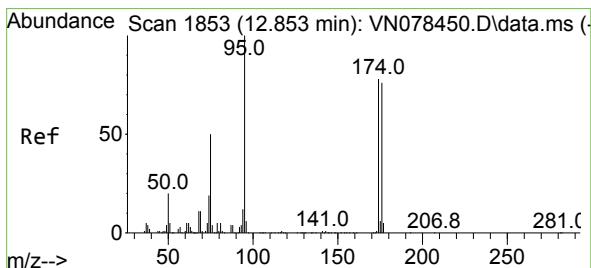
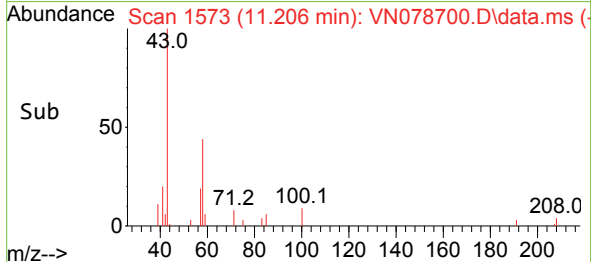
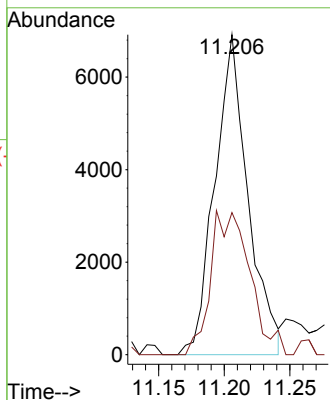
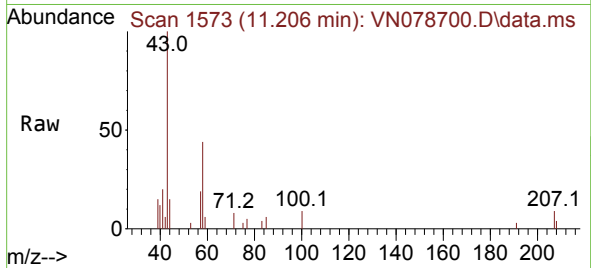




#59
2-Hexanone
Concen: 1.792 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

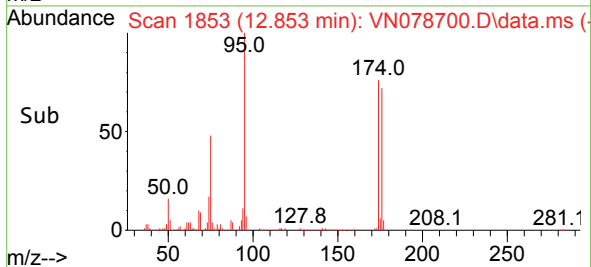
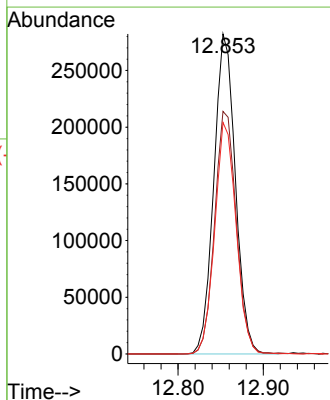
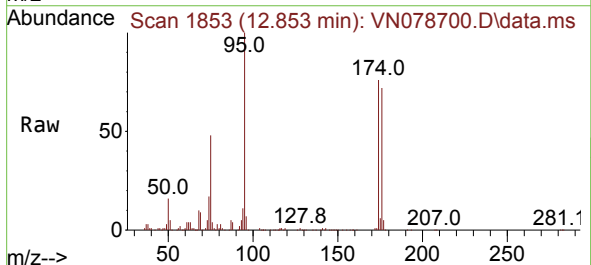
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

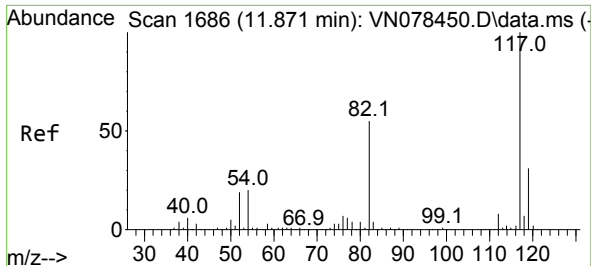
Tgt Ion: 43 Resp: 12150
Ion Ratio Lower Upper
43 100
58 53.0 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 52.606 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 95 Resp: 495435
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 72.0 0.0 135.8

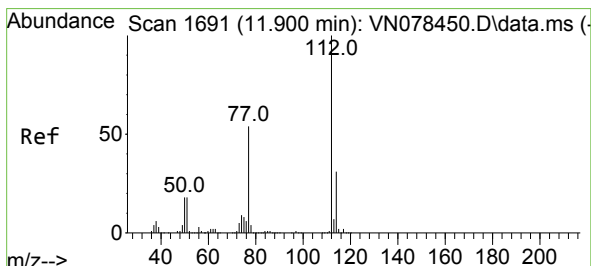
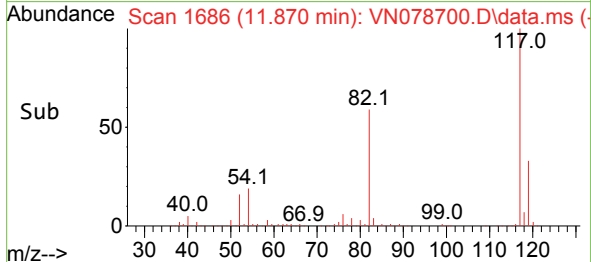
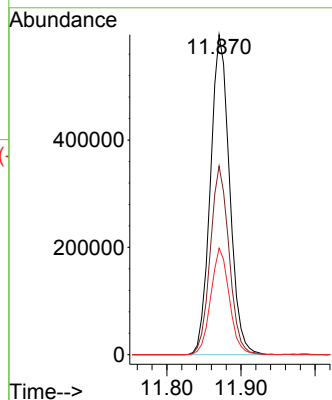
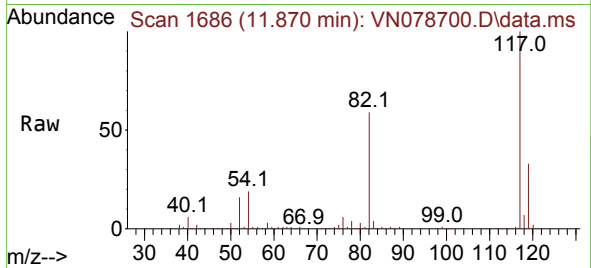




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

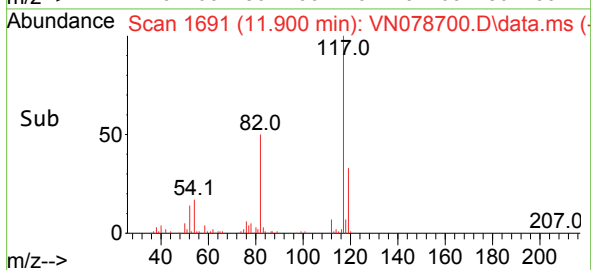
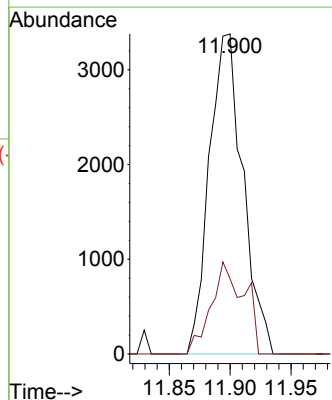
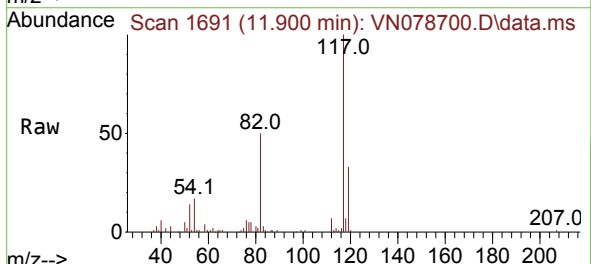
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

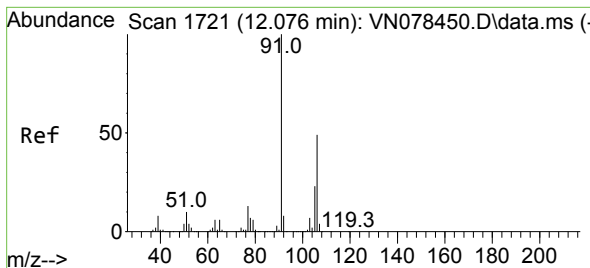
Tgt Ion:117 Resp: 1070890
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 33.3 25.6 38.4



#65
Chlorobenzene
Concen: 0.271 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion:112 Resp: 6477
Ion Ratio Lower Upper
112 100
114 23.4 25.0 37.4#

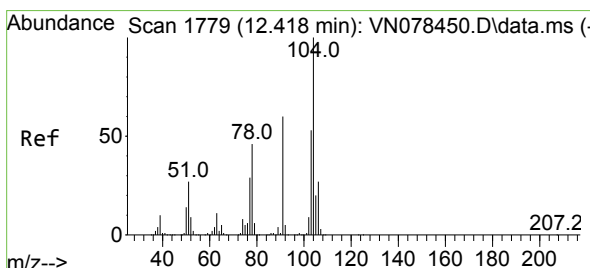
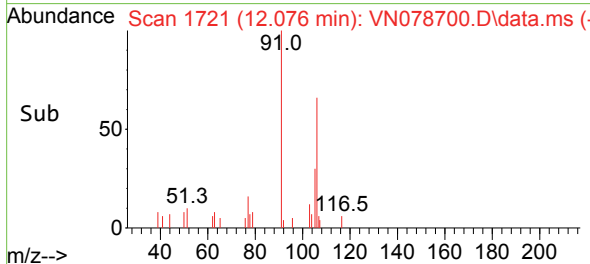
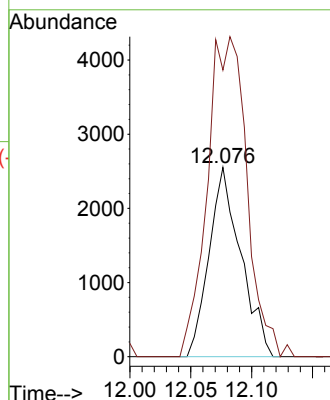
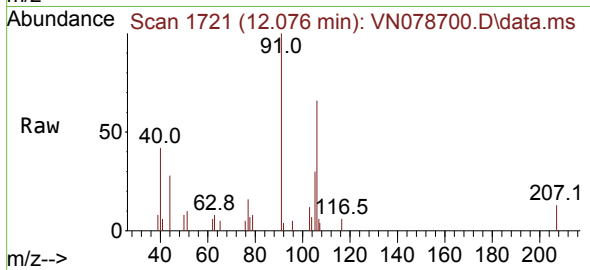




#68
m/p-Xylenes
Concen: 0.310 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

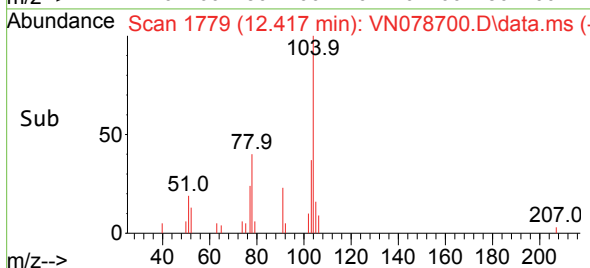
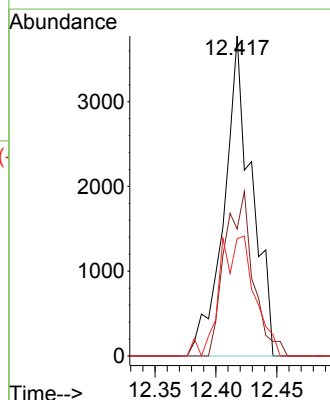
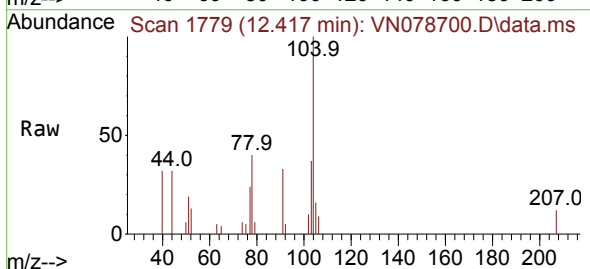
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

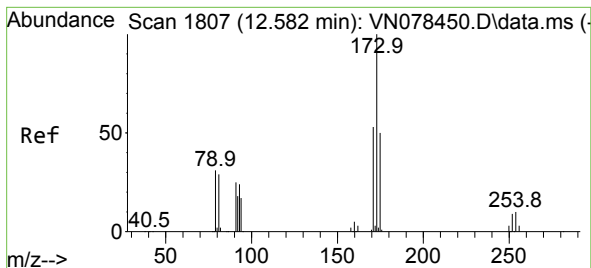
Tgt Ion:106 Resp: 4632
Ion Ratio Lower Upper
106 100
91 210.9 159.6 239.4



#70
Styrene
Concen: 0.251 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion:104 Resp: 5945
Ion Ratio Lower Upper
104 100
78 52.9 39.5 59.3
103 47.6 43.2 64.8





#71

Bromoform

Concen: 0.309 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

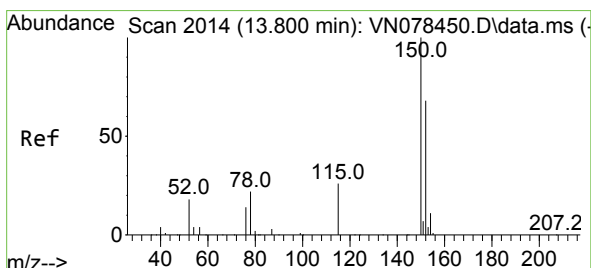
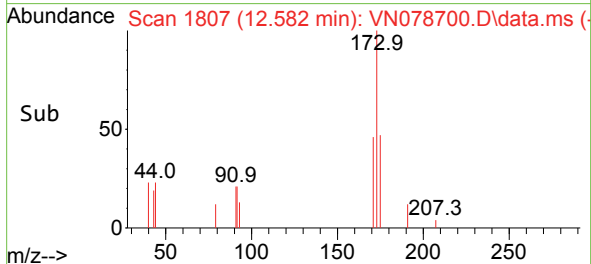
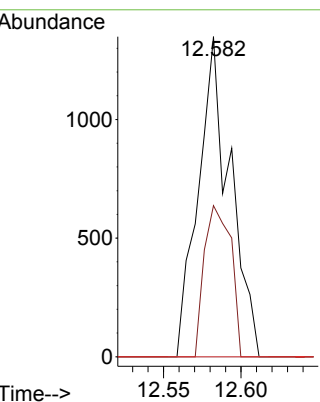
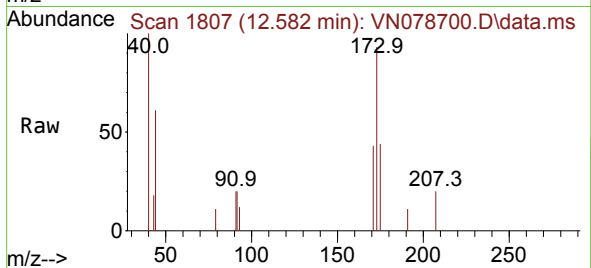
Tgt Ion:173 Resp: 1926

Ion Ratio Lower Upper

173 100

175 39.4 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

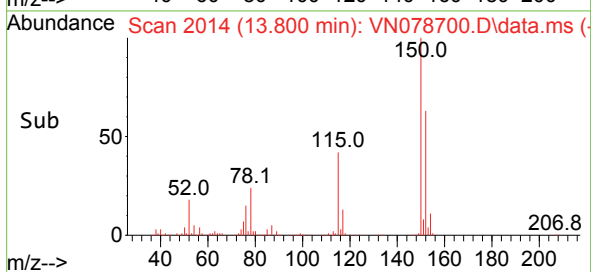
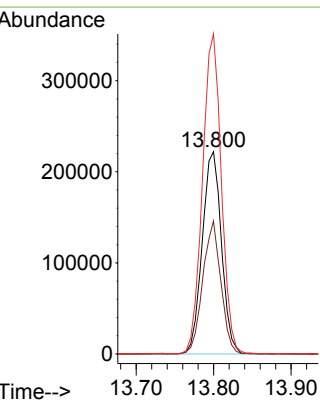
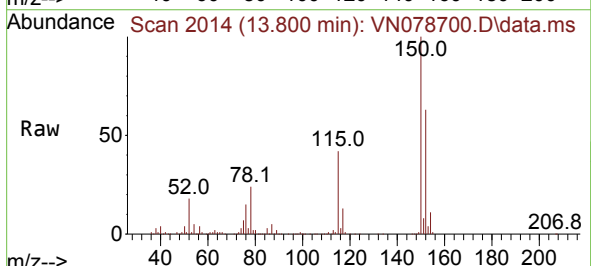
Tgt Ion:152 Resp: 381802

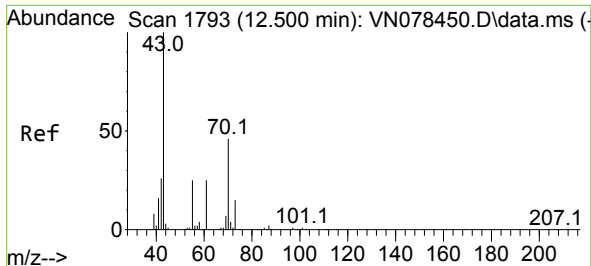
Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 155.5 0.0 355.8

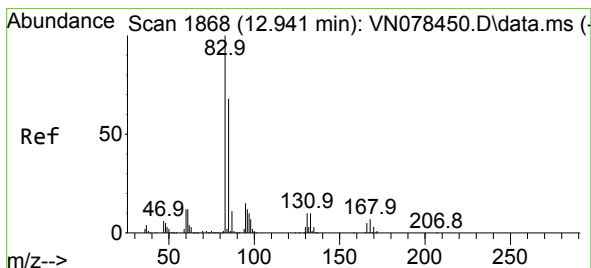
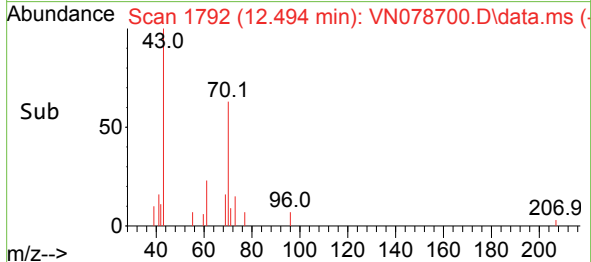
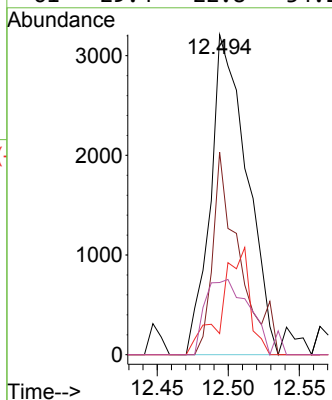
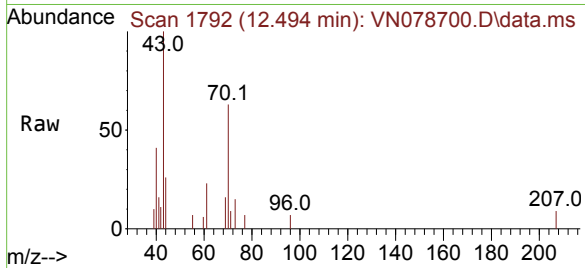




#74
N-amy1 acetate
Concen: 0.465 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

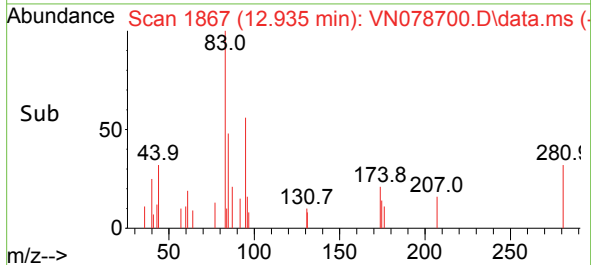
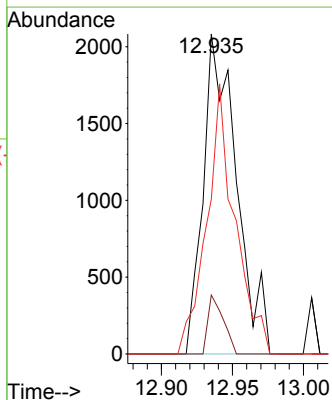
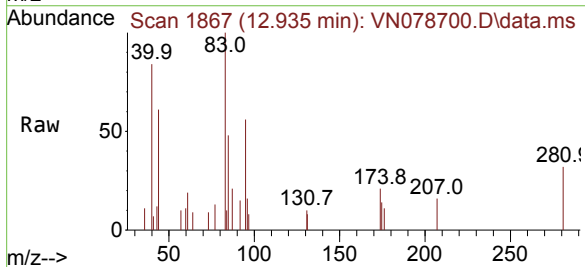
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

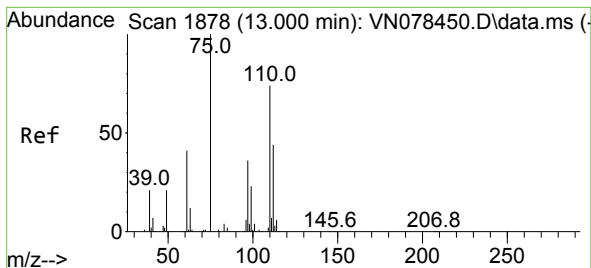
Tgt Ion:	43	Resp:	5747
Ion	Ratio	Lower	Upper
43	100		
70	46.0	43.4	65.2
55	26.0	21.4	32.0
61	29.4	22.8	34.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion:	83	Resp:	3391
Ion	Ratio	Lower	Upper
83	100		
131	8.5	5.0	15.0
85	71.5	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 26.224 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. -0.141 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

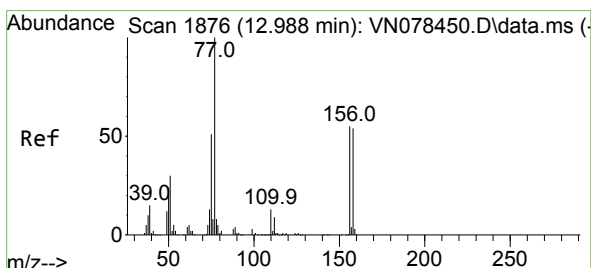
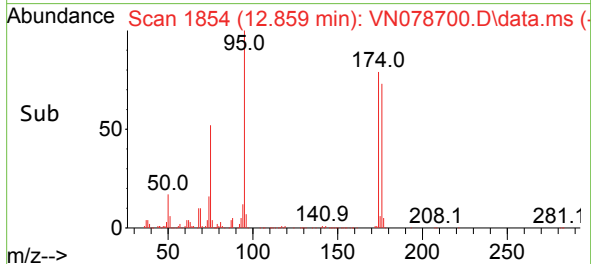
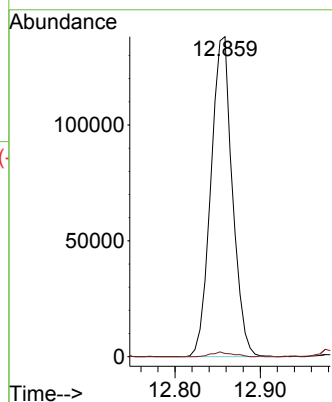
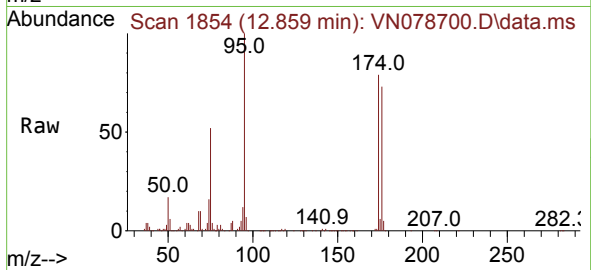
VN0731WBL01

Tgt Ion: 75 Resp: 242013

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#77

Bromobenzene

Concen: Below Cal

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

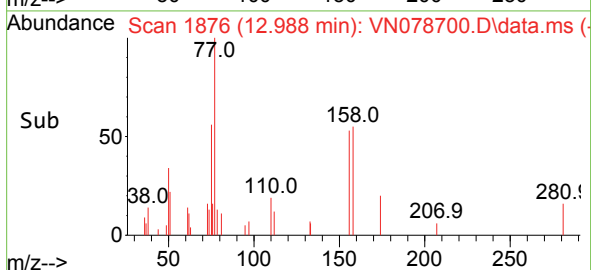
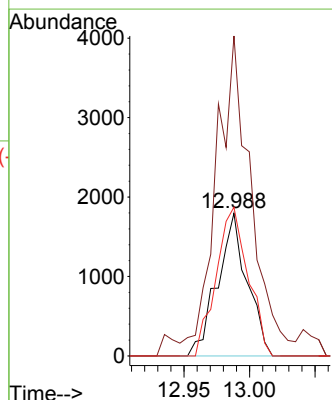
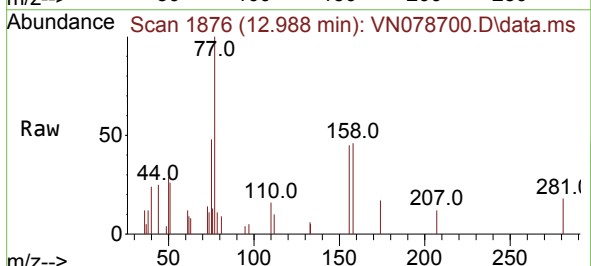
Tgt Ion:156 Resp: 2832

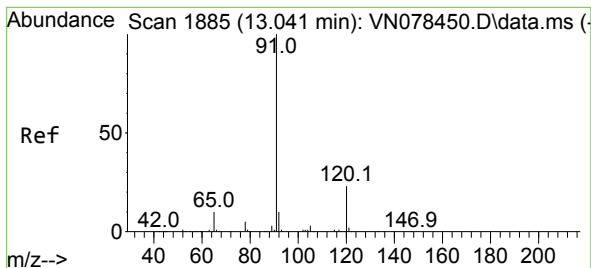
Ion Ratio Lower Upper

156 100

77 261.5 107.7 323.3

158 111.7 48.4 145.3





#78

n-propylbenzene

Concen: 0.274 ug/l

RT: 13.035 min Scan# 1885

Delta R.T. -0.006 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

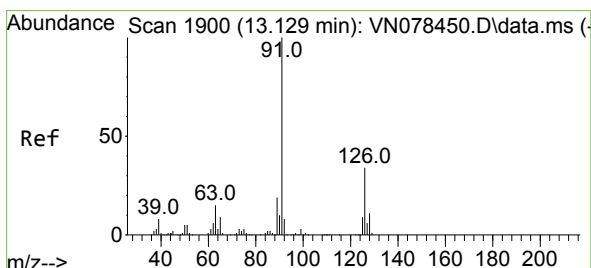
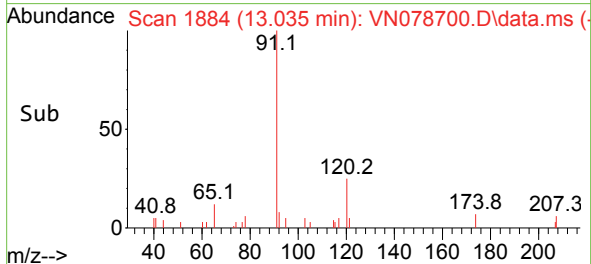
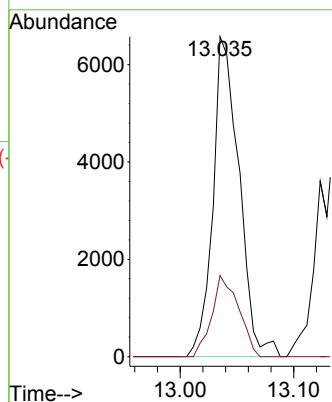
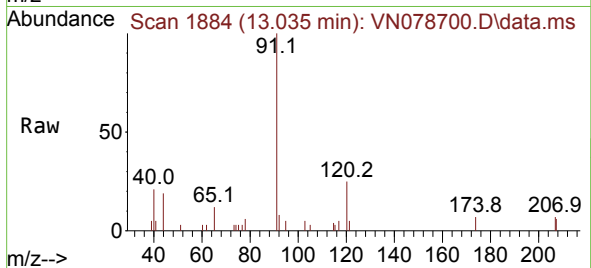
VN0731WBL01

Tgt Ion: 91 Resp: 10497

Ion Ratio Lower Upper

91 100

120 26.1 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.272 ug/l

RT: 13.135 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VN078700.D

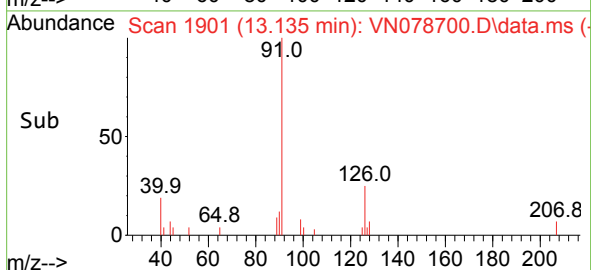
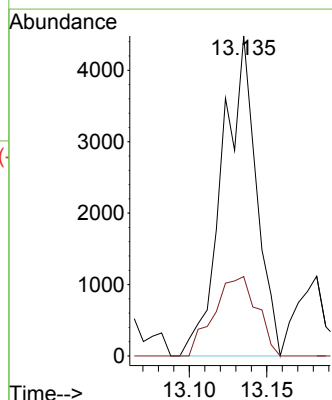
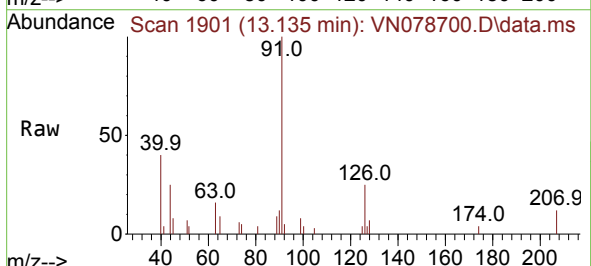
Acq: 31 Jul 2023 12:51

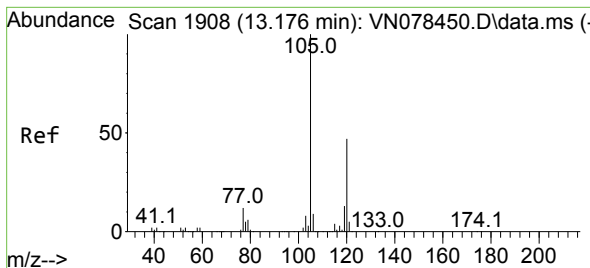
Tgt Ion: 91 Resp: 6838

Ion Ratio Lower Upper

91 100

126 31.4 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.276 ug/l

RT: 13.182 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

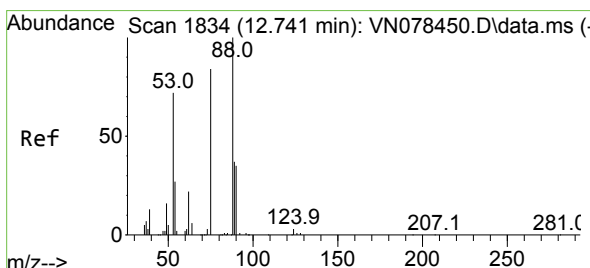
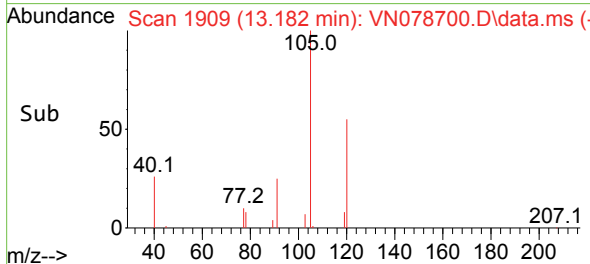
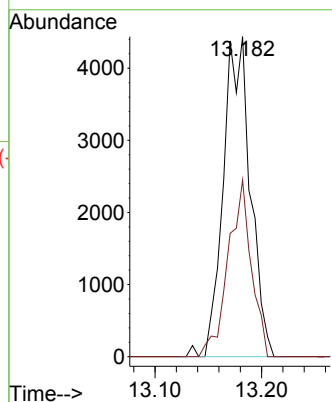
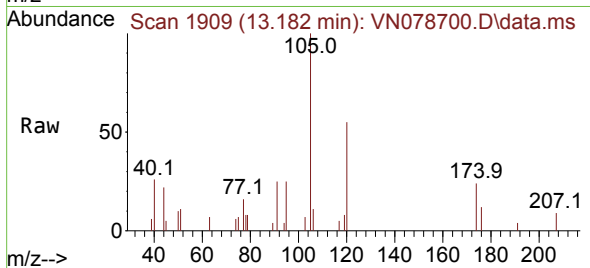
VN0731WBL01

Tgt Ion:105 Resp: 7815

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 68.912 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.118 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

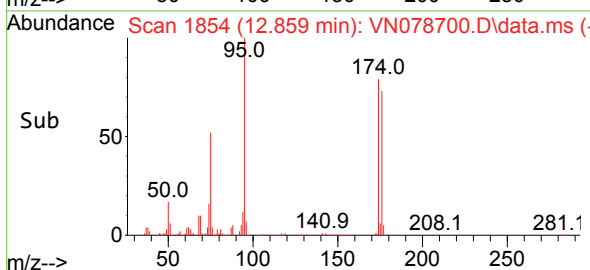
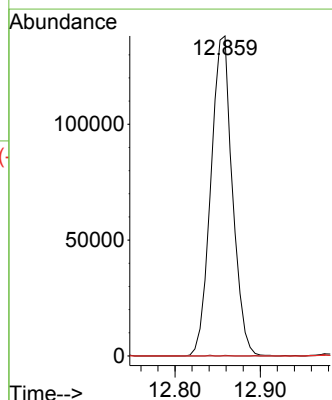
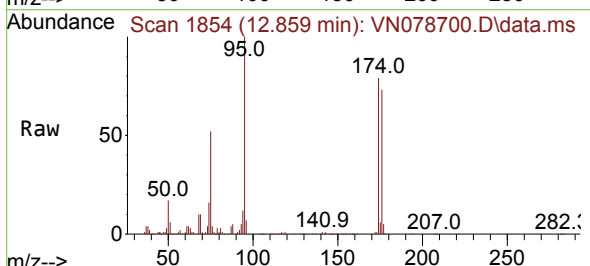
Tgt Ion: 75 Resp: 242013

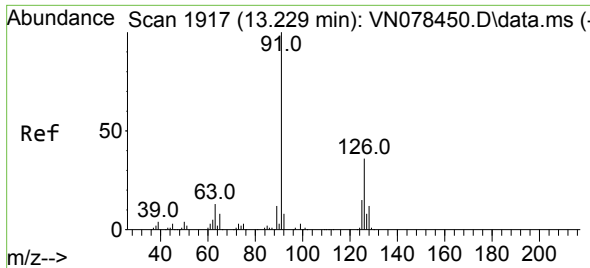
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

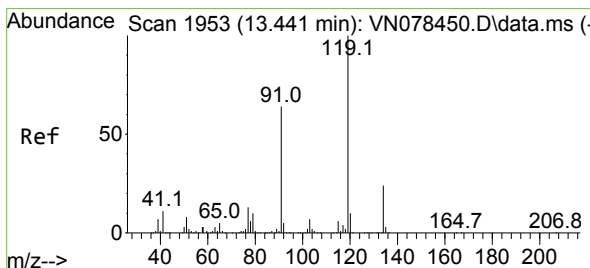
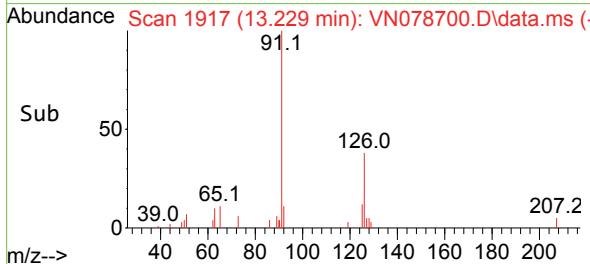
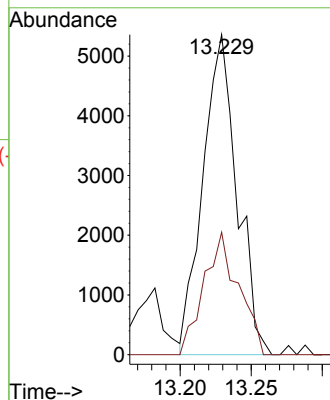
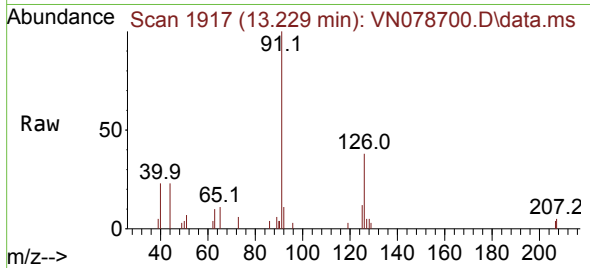




#82
4-Chlorotoluene
Concen: 0.384 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

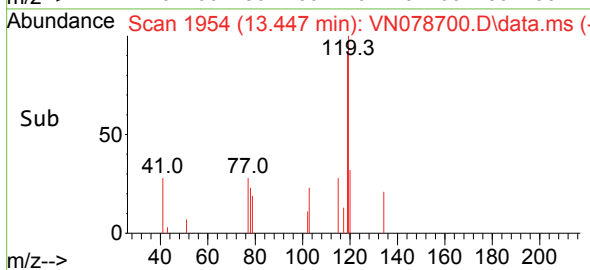
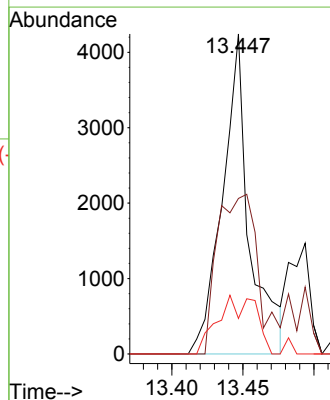
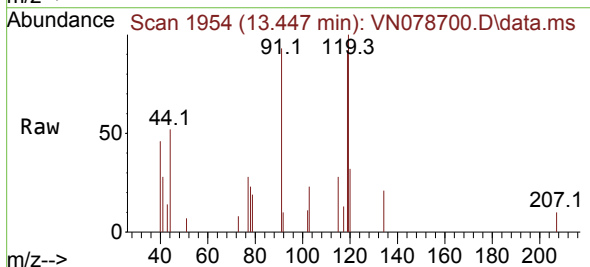
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

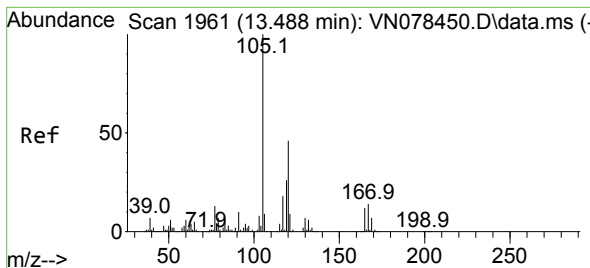
Tgt Ion: 91 Resp: 8991
Ion Ratio Lower Upper
91 100
126 38.7 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.232 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 119 Resp: 5589
Ion Ratio Lower Upper
119 100
91 76.4 33.9 101.7
134 15.0 13.2 39.6

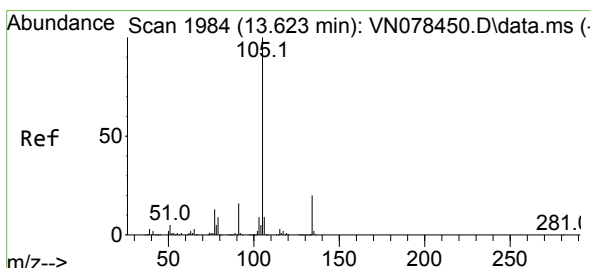
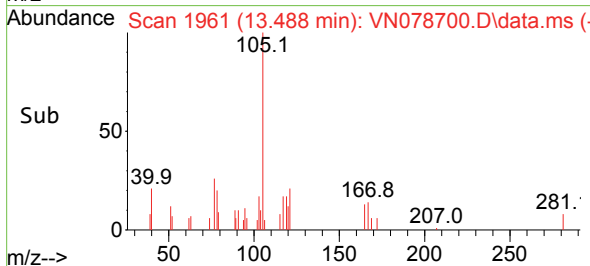
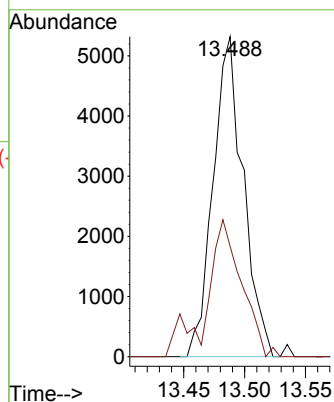
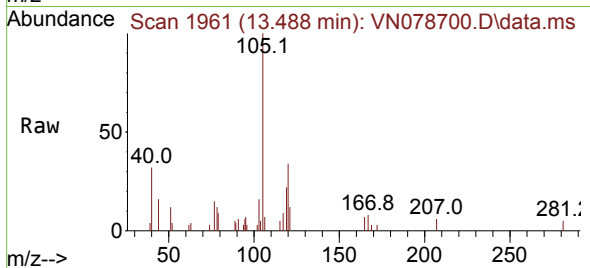




#84
1,2,4-Trimethylbenzene
Concen: 0.332 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

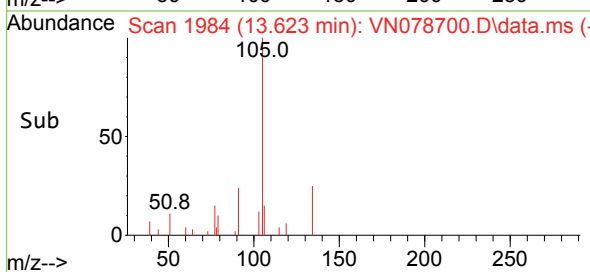
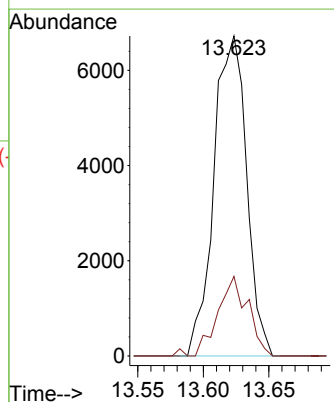
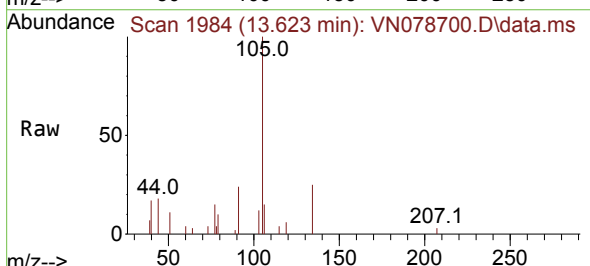
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

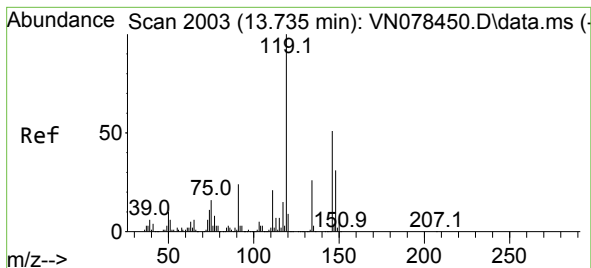
Tgt Ion:105 Resp: 9136
Ion Ratio Lower Upper
105 100
120 41.7 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.383 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion:105 Resp: 11654
Ion Ratio Lower Upper
105 100
134 23.3 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.391 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

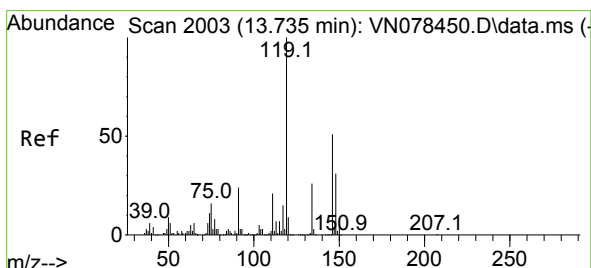
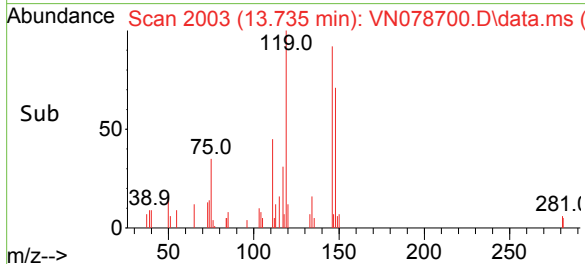
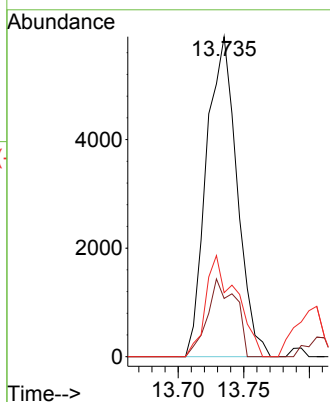
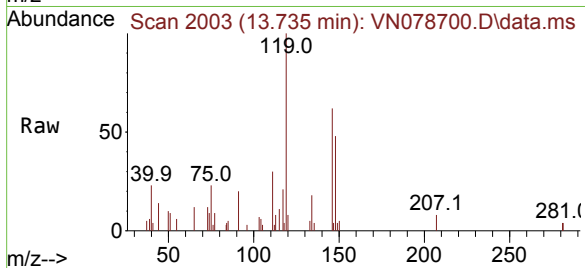
Tgt Ion:119 Resp: 9546

Ion Ratio Lower Upper

119 100

134 22.4 12.6 37.8

91 31.8 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 0.533 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

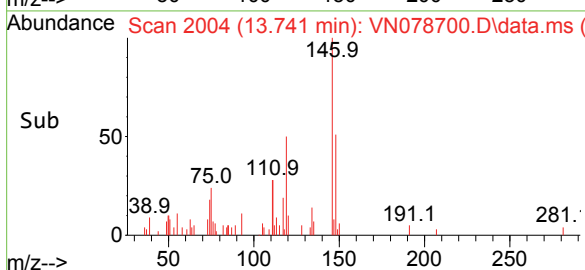
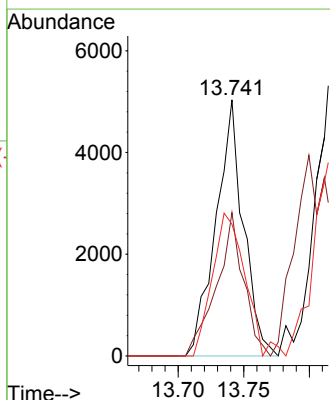
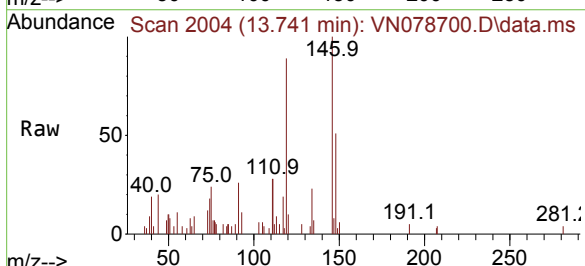
Tgt Ion:146 Resp: 7340

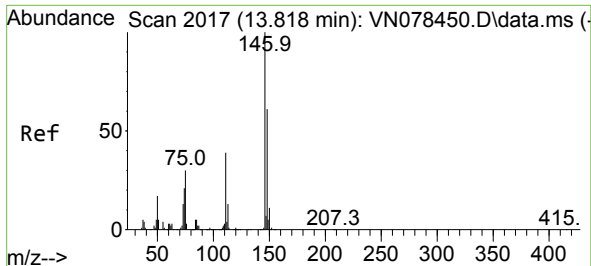
Ion Ratio Lower Upper

146 100

111 55.0 22.1 66.3

148 66.8 32.0 96.0

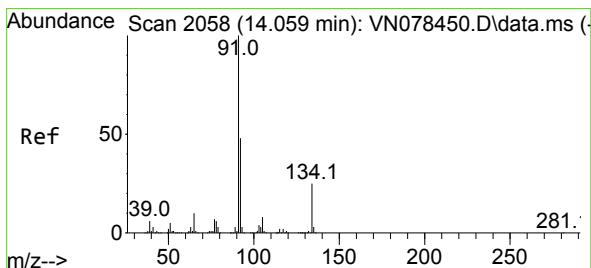
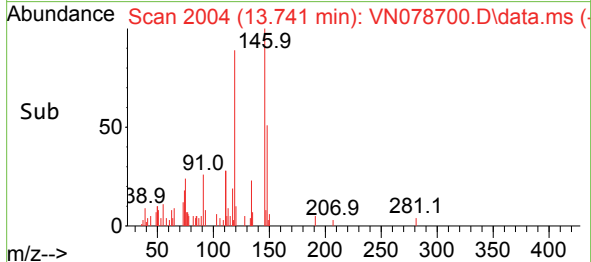
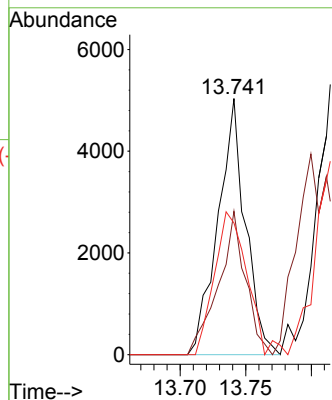
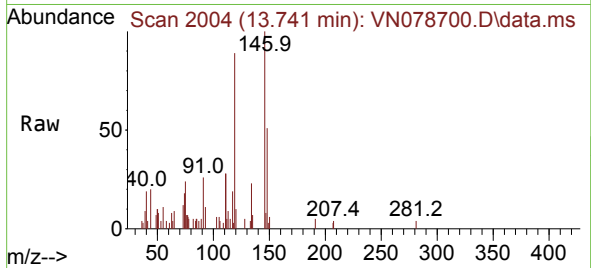




#88
1,4-Dichlorobenzene
Concen: 0.529 ug/l
RT: 13.741 min Scan# 2017
Delta R.T. -0.077 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

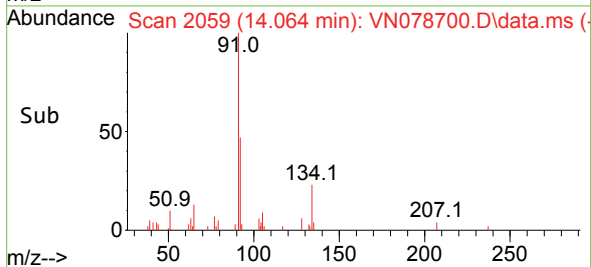
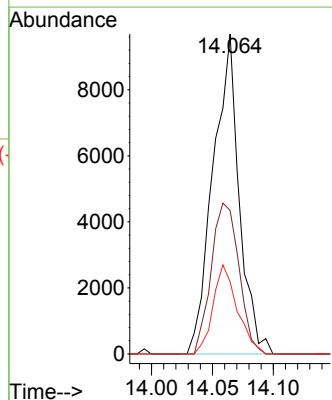
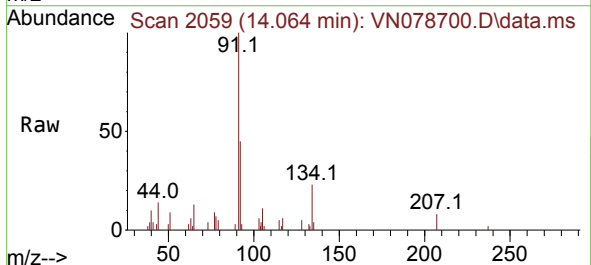
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

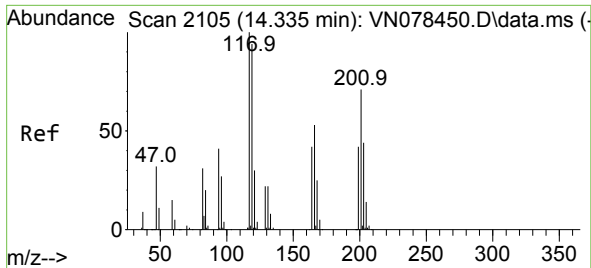
Tgt Ion:146 Resp: 7340
Ion Ratio Lower Upper
146 100
111 55.0 20.6 61.8
148 66.8 31.6 94.8



#89
n-Butylbenzene
Concen: 0.828 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion: 91 Resp: 14464
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.0
134 25.8 12.6 37.6

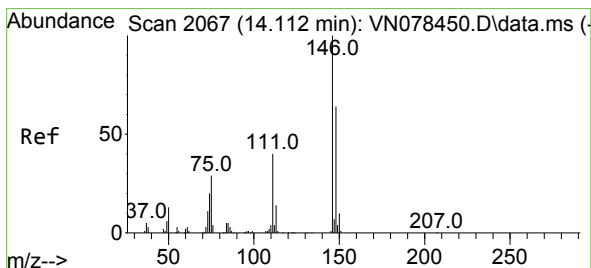
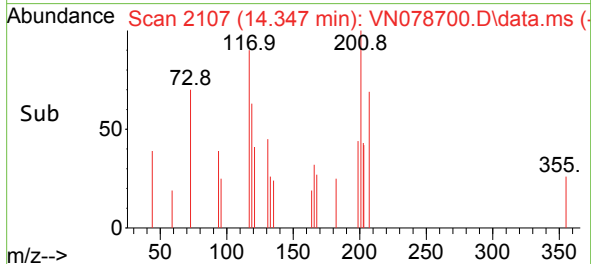
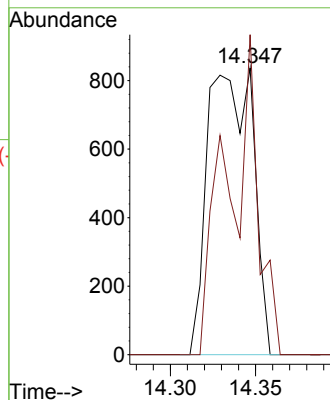
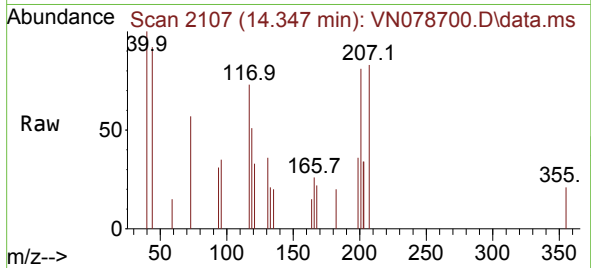




#90
Hexachloroethane
Concen: Below Cal
RT: 14.347 min Scan# 2105
Delta R.T. 0.012 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

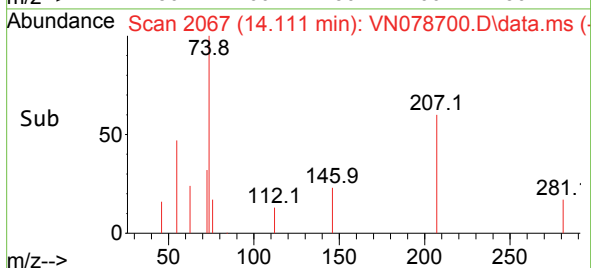
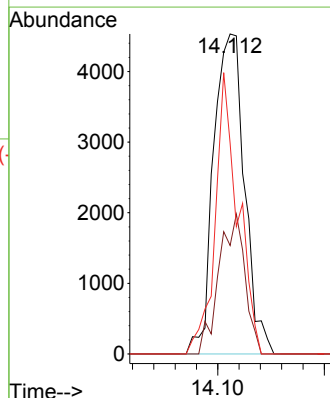
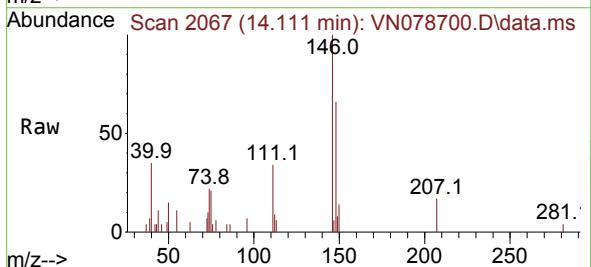
Instrument :
MSVOA_N
ClientSampleId :
VN0731WBL01

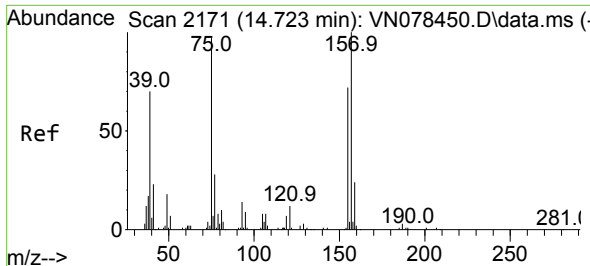
Tgt Ion:117 Resp: 1545
Ion Ratio Lower Upper
117 100
201 42.4 29.3 88.0



#91
1,2-Dichlorobenzene
Concen: 0.667 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078700.D
Acq: 31 Jul 2023 12:51

Tgt Ion:146 Resp: 9136
Ion Ratio Lower Upper
146 100
111 36.6 22.0 66.0
148 64.9 31.8 95.3

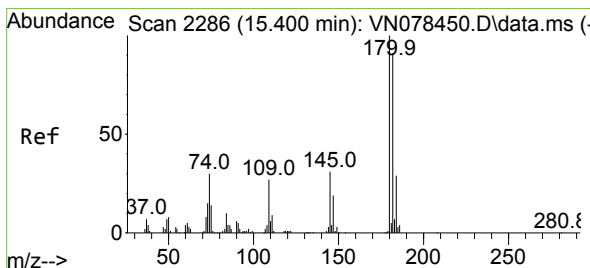
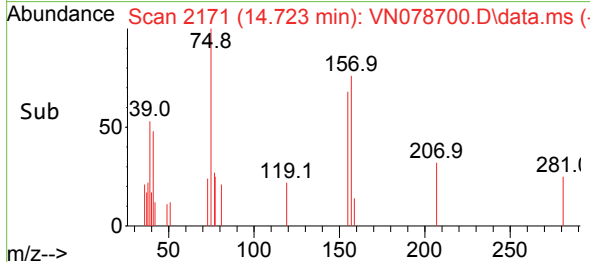
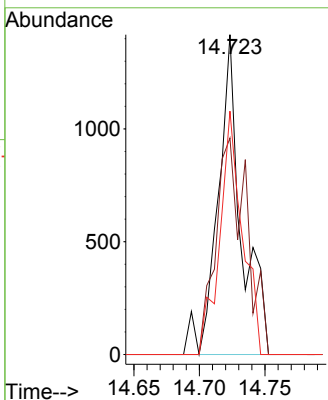
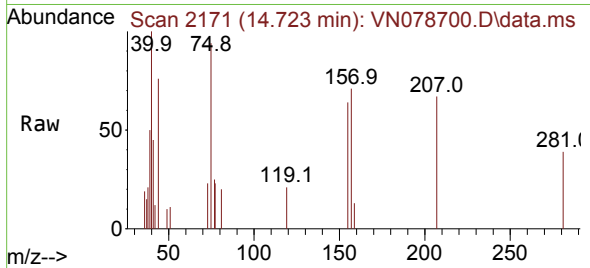




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078700.D
 Acq: 31 Jul 2023 12:51

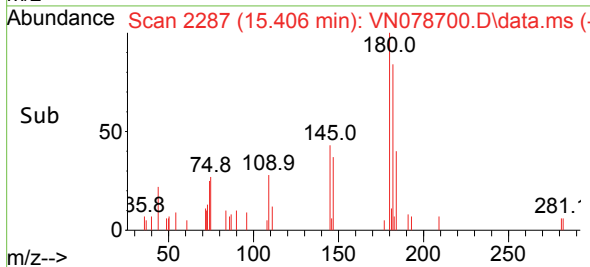
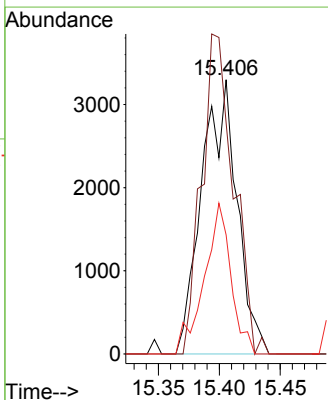
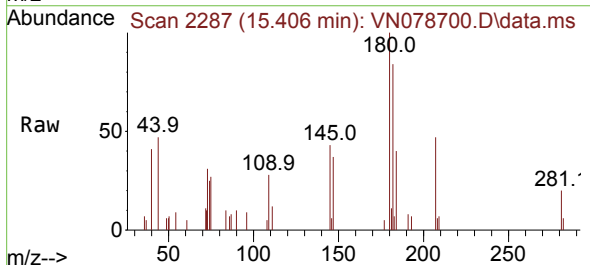
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL01

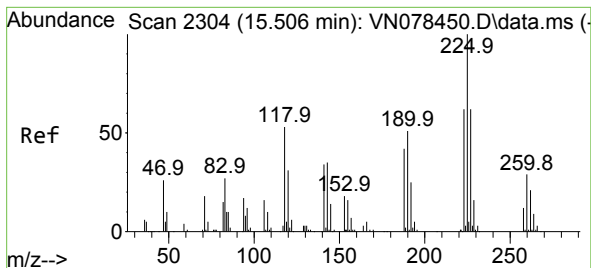
Tgt Ion: 75 Resp: 1754
 Ion Ratio Lower Upper
 75 100
 155 89.3 39.1 117.2
 157 73.9 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 1.519 ug/l
 RT: 15.406 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: VN078700.D
 Acq: 31 Jul 2023 12:51

Tgt Ion: 180 Resp: 6646
 Ion Ratio Lower Upper
 180 100
 182 105.7 46.1 138.2
 145 41.5 16.6 49.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

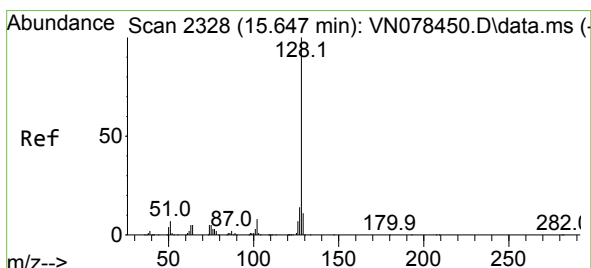
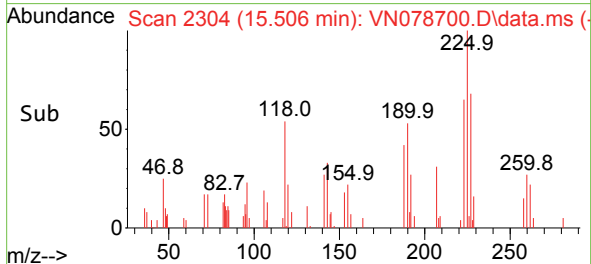
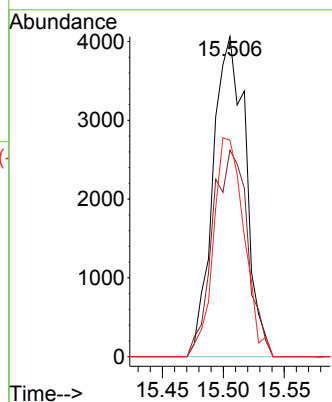
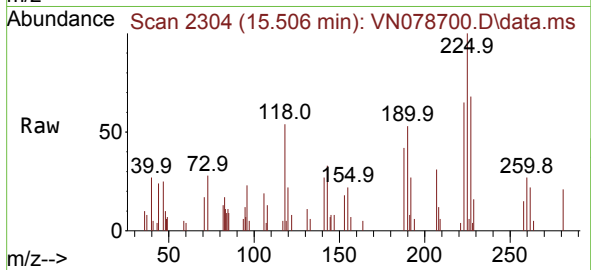
Tgt Ion:225 Resp: 7572

Ion Ratio Lower Upper

225 100

223 69.2 31.3 93.8

227 64.5 31.9 95.9



#95

Naphthalene

Concen: 1.833 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN078700.D

Acq: 31 Jul 2023 12:51

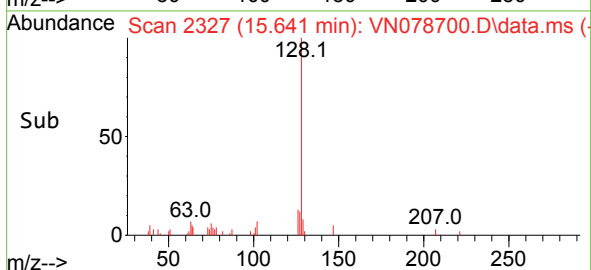
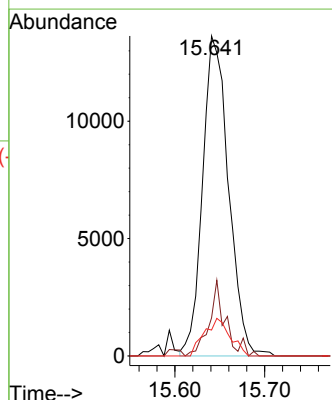
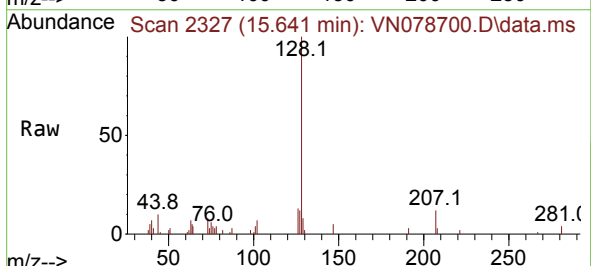
Tgt Ion:128 Resp: 27410

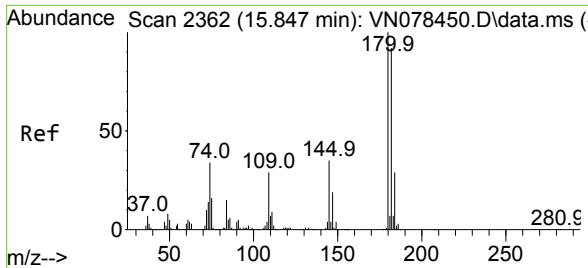
Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

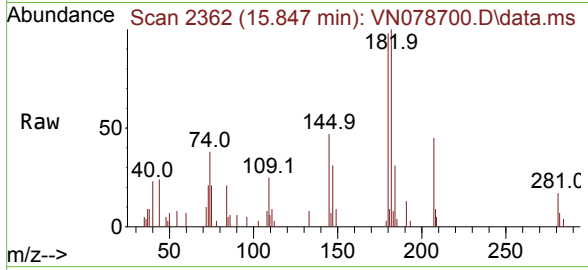
129 11.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.971 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078700.D
 Acq: 31 Jul 2023 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL01



Tgt Ion:	180	Resp:	9912
Ion Ratio	Lower	Upper	
180	100		
182	105.9	46.2	138.6
145	41.5	17.5	52.6

