

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078513.D
 Acq On : 14 Jul 2023 11:32
 Operator : JC\MD
 Sample : 03620-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 713-A

Quant Time: Jul 15 03:58:54 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	409251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	724951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	654109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	220627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	266881	48.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.280%
35) Dibromofluoromethane	8.177	113	272926	55.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.920%
50) Toluene-d8	10.570	98	832515	44.781	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.560%
62) 4-Bromofluorobenzene	12.853	95	281103	49.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	2559	0.469	ug/l #	88
5) Bromomethane	2.971	94	3707	Below Cal	#	77
6) Chloroethane	3.136	64	431	Below Cal	#	88
11) Tert butyl alcohol	5.553	59	403	0.476	ug/l #	72
13) Acrolein	4.200	56	349	0.419	ug/l	97
15) Acrylonitrile	5.747	53	605	0.283	ug/l #	66
16) Acetone	4.465	43	6985	4.087	ug/l #	73
17) Carbon Disulfide	4.718	76	4247	0.340	ug/l #	92
20) Methylene Chloride	5.300	84	1485	Below Cal	#	84
25) 2-Butanone	7.518	43	2714	1.009	ug/l #	81
29) Tetrahydrofuran	7.859	42	426	0.241	ug/l #	31
31) Cyclohexane	8.235	56	9529	1.285	ug/l #	36
36) 1,1-Dichloropropene	8.235	75	34794	4.897	ug/l #	48
37) Ethyl Acetate	7.518	43	2714	0.458	ug/l #	63
38) Carbon Tetrachloride	8.235	117	43442	5.625	ug/l #	15
49) 1,4-Dioxane	9.718	88	211	2.141	ug/l #	20
51) 4-Methyl-2-Pentanone	10.465	43	2328	0.401	ug/l #	86
59) 2-Hexanone	11.206	43	3348	0.812	ug/l	79
68) m/p-Xylenes	12.076	106	2534	0.277	ug/l #	59
74) N-amyl acetate	12.500	43	2063	0.289	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.953	83	1284	Below Cal	#	81
76) 1,2,3-Trichloropropane	12.859	75	150396	28.202	ug/l #	1
77) Bromobenzene	12.988	156	841	Below Cal		50
81) trans-1,4-Dichloro-2-b...	12.859	75	150396	74.109	ug/l #	15
82) 4-Chlorotoluene	13.235	91	3338	0.246	ug/l	93
86) p-Isopropyltoluene	13.741	119	3102	0.220	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	2489	0.313	ug/l #	80
88) 1,4-Dichlorobenzene	13.741	146	2489	0.310	ug/l	82
89) n-Butylbenzene	14.064	91	3839	0.380	ug/l	96
90) Hexachloroethane	14.347	117	270	Below Cal	#	21
91) 1,2-Dichlorobenzene	14.111	146	2682	0.339	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.723	75	421	Below Cal	#	50
93) 1,2,4-Trichlorobenzene	15.405	180	2292	0.907	ug/l #	78
94) Hexachlorobutadiene	15.494	225	928	Below Cal	#	5
95) Naphthalene	15.635	128	7361	0.852	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.841	180	2641	0.909	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
Data File : VN078513.D
Acq On : 14 Jul 2023 11:32
Operator : JC\MD
Sample : 03620-01 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
713-A

Quant Time: Jul 15 03:58:54 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

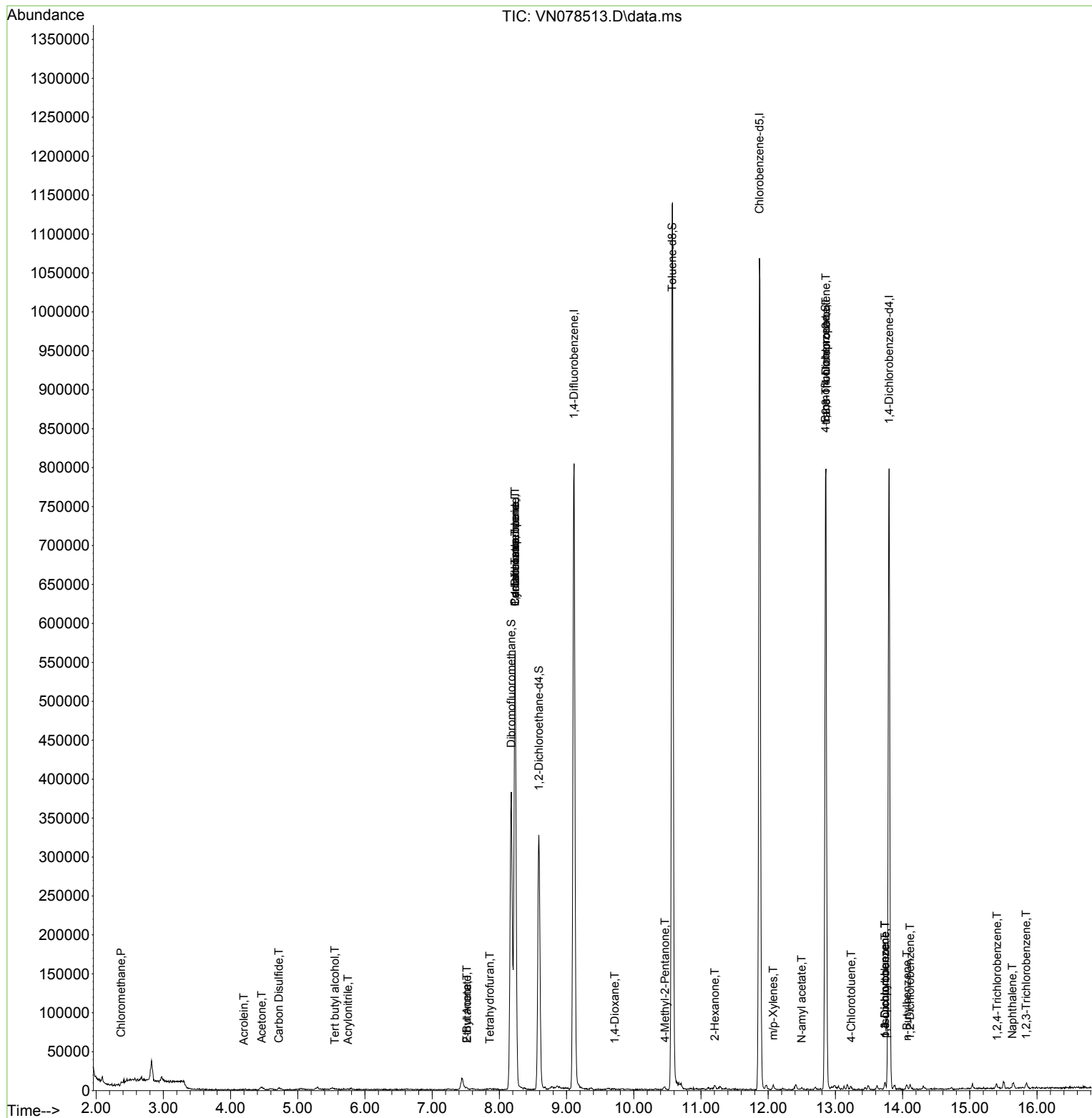
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

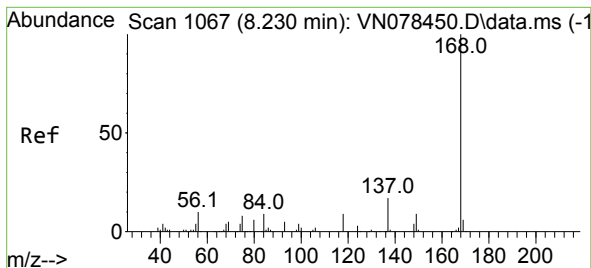
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
Data File : VN078513.D
Acq On : 14 Jul 2023 11:32
Operator : JC\MD
Sample : 03620-01 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
713-A

Quant Time: Jul 15 03:58:54 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

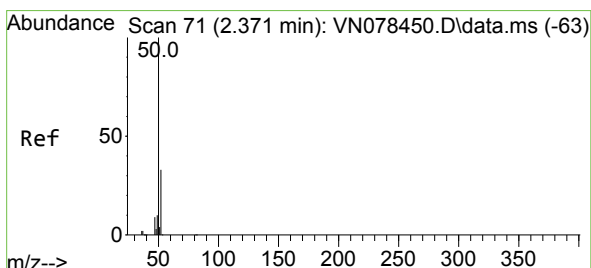
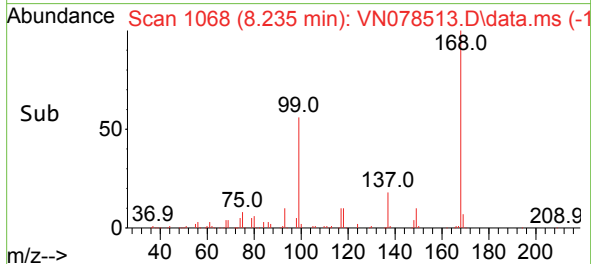
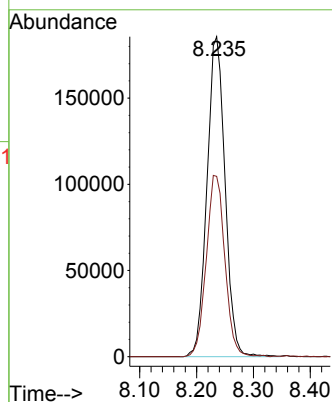
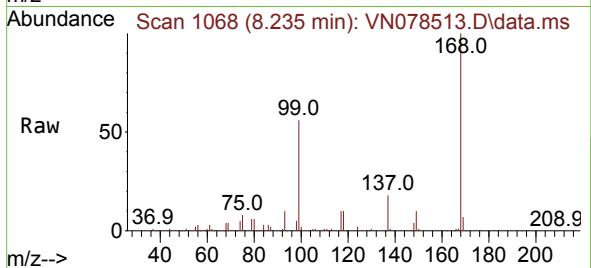
713-A

Tgt Ion:168 Resp: 409251

Ion Ratio Lower Upper

168 100

99 56.4 53.0 79.6



#3

Chloromethane

Concen: 0.469 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078513.D

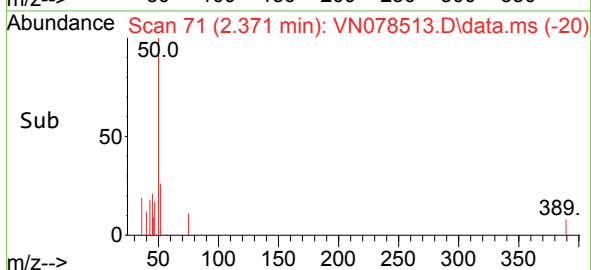
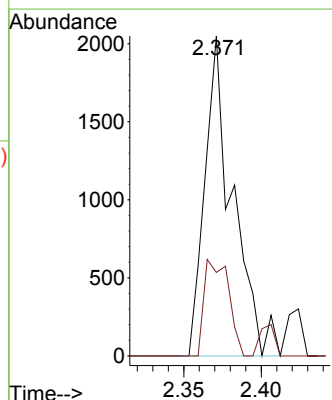
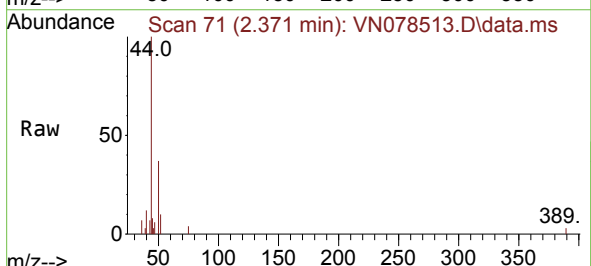
Acq: 14 Jul 2023 11:32

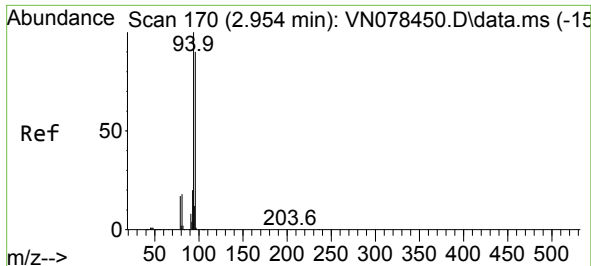
Tgt Ion: 50 Resp: 2559

Ion Ratio Lower Upper

50 100

52 26.1 26.5 39.7#





#5

Bromomethane

Concen: Below Cal

RT: 2.971 min Scan# 11

Delta R.T. 0.017 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

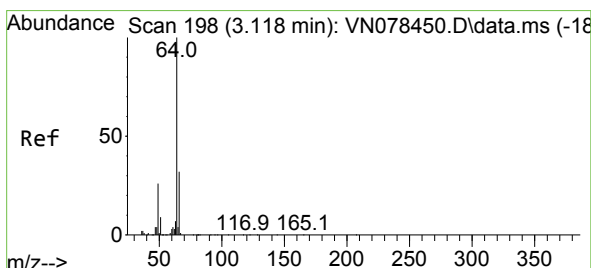
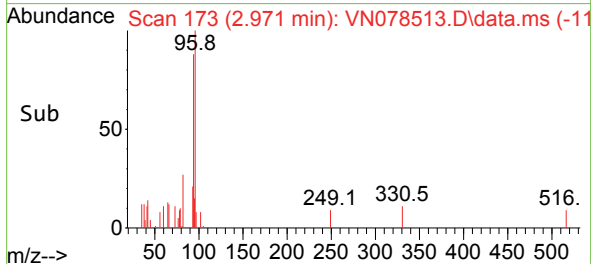
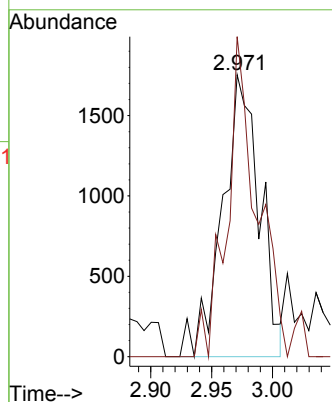
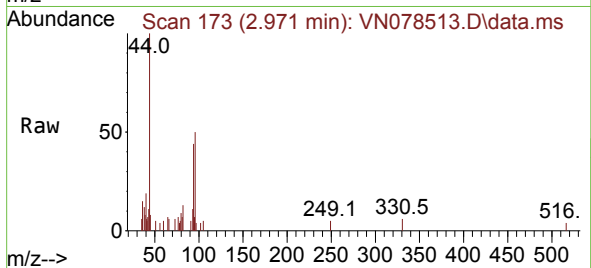
713-A

Tgt Ion: 94 Resp: 3707

Ion Ratio Lower Upper

94 100

96 113.5 73.1 109.7#



#6

Chloroethane

Concen: Below Cal

RT: 3.136 min Scan# 201

Delta R.T. 0.018 min

Lab File: VN078513.D

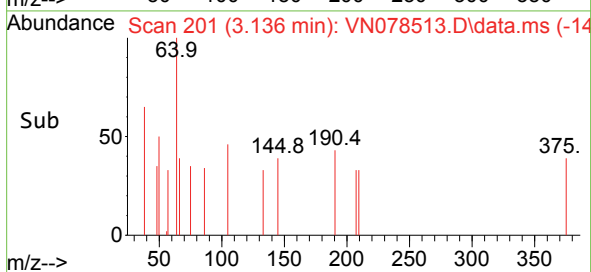
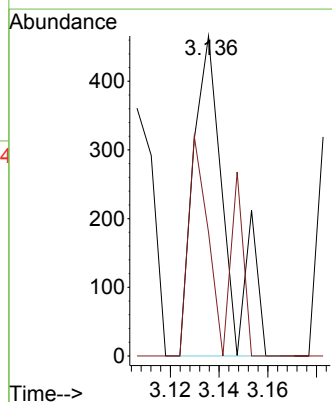
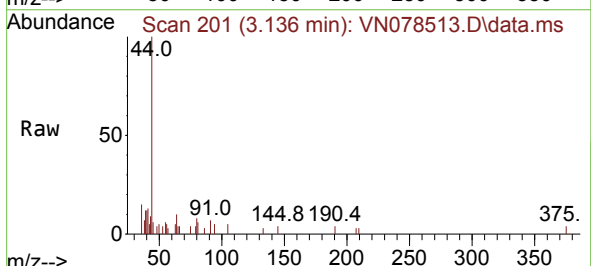
Acq: 14 Jul 2023 11:32

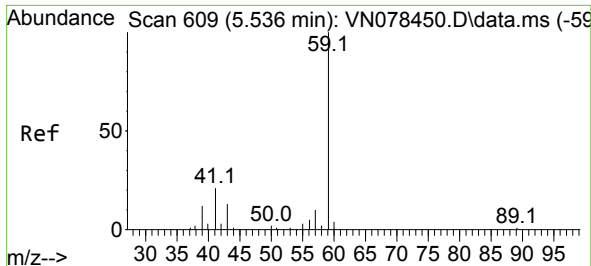
Tgt Ion: 64 Resp: 431

Ion Ratio Lower Upper

64 100

66 38.6 25.4 38.2#

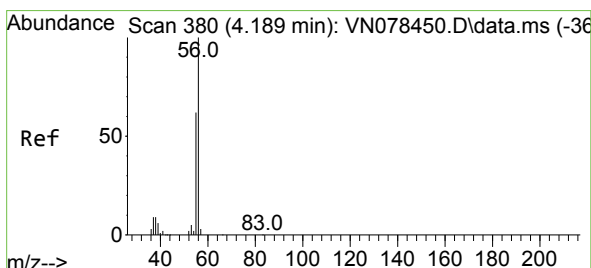
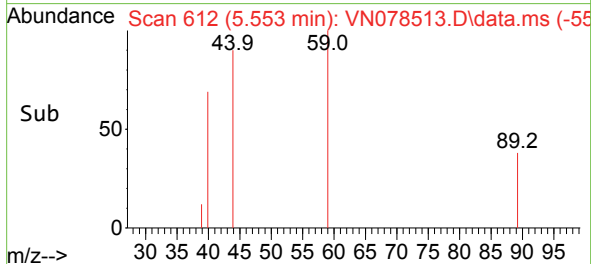
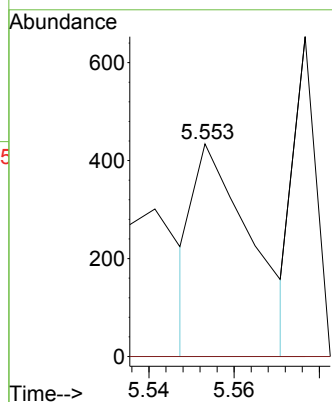
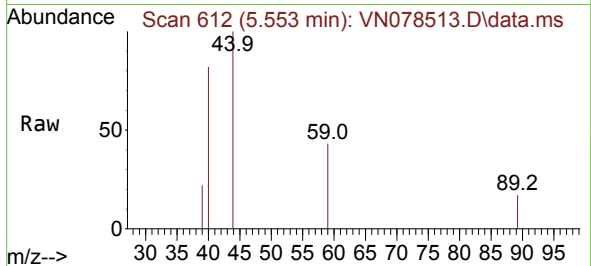




#11
Tert butyl alcohol
Concen: 0.476 ug/l
RT: 5.553 min Scan# 61
Delta R.T. 0.017 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

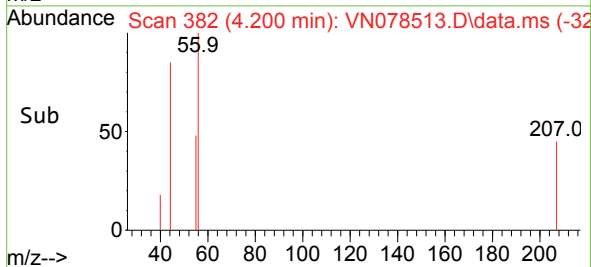
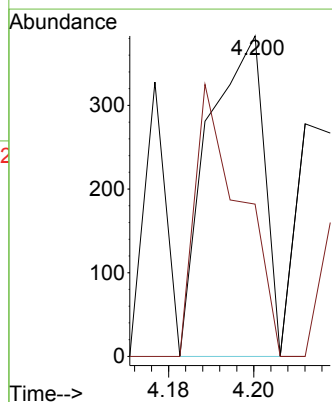
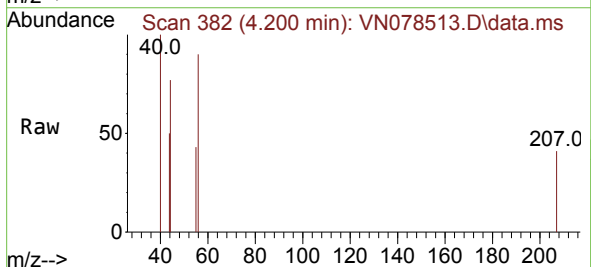
Instrument :
MSVOA_N
ClientSampleId :
713-A

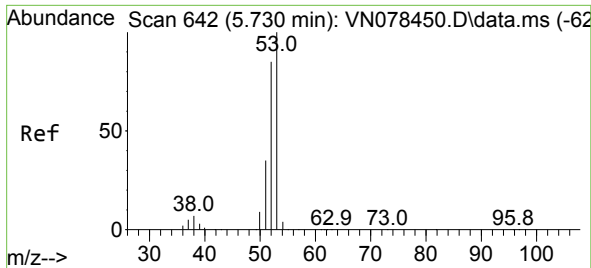
Tgt Ion: 59 Resp: 403
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.419 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion: 56 Resp: 349
Ion Ratio Lower Upper
56 100
55 70.2 54.5 81.7

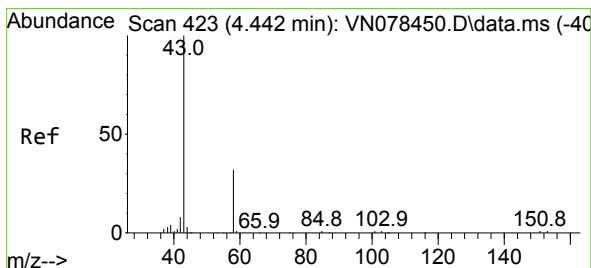
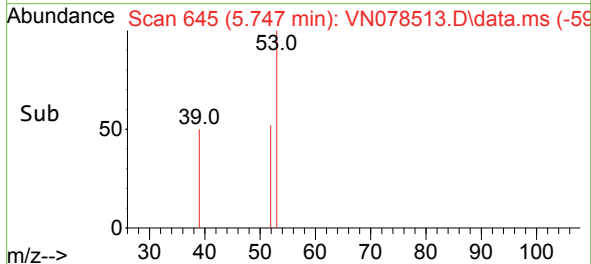
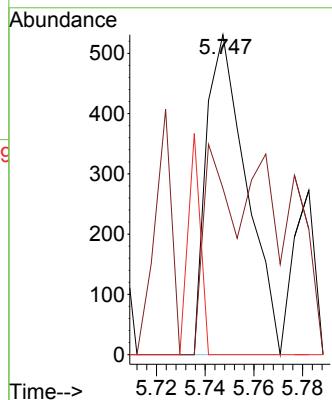
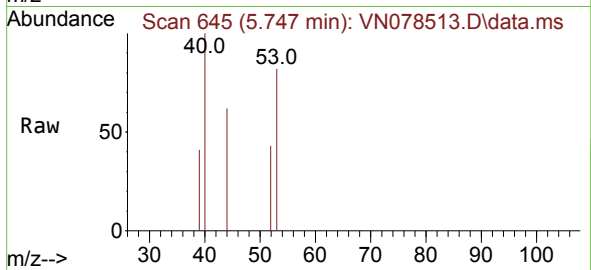




#15
Acrylonitrile
Concen: 0.283 ug/l
RT: 5.747 min Scan# 64
Delta R.T. 0.017 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

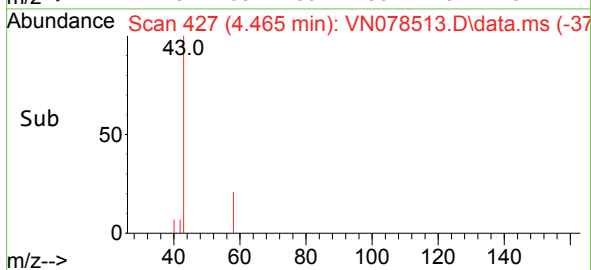
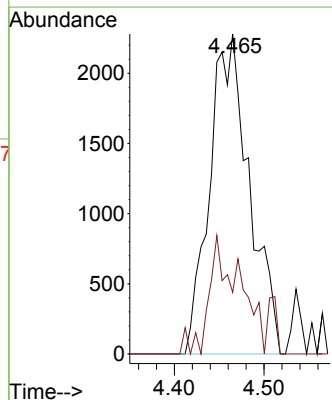
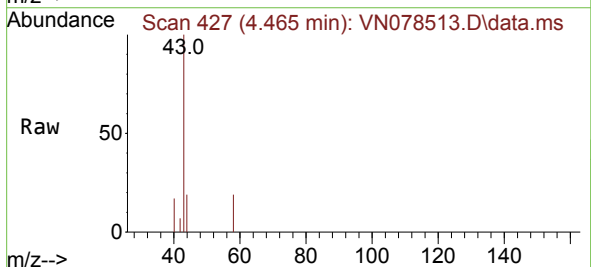
Instrument :
MSVOA_N
ClientSampleId :
713-A

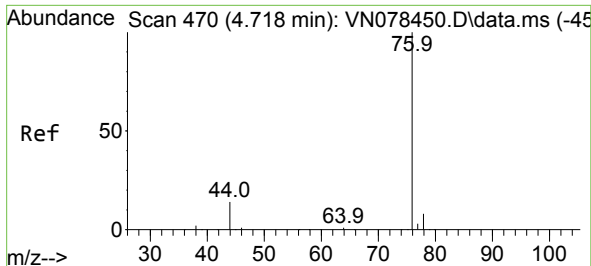
Tgt Ion: 53 Resp: 605
Ion Ratio Lower Upper
53 100
52 47.8 65.3 97.9#
51 21.3 28.9 43.3#



#16
Acetone
Concen: 4.087 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.023 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion: 43 Resp: 6985
Ion Ratio Lower Upper
43 100
58 19.3 28.0 42.0#





#17

Carbon Disulfide

Concen: 0.340 ug/l

RT: 4.718 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

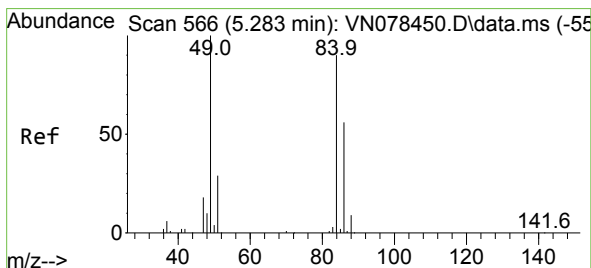
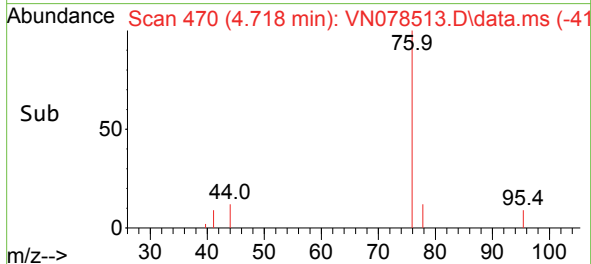
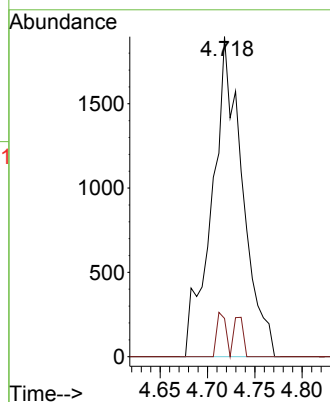
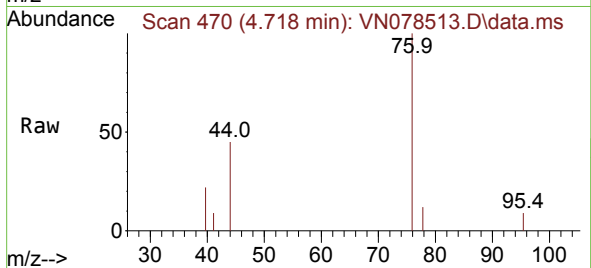
713-A

Tgt Ion: 76 Resp: 4247

Ion Ratio Lower Upper

76 100

78 12.0 7.4 11.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.300 min Scan# 569

Delta R.T. 0.017 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Tgt Ion: 84 Resp: 1485

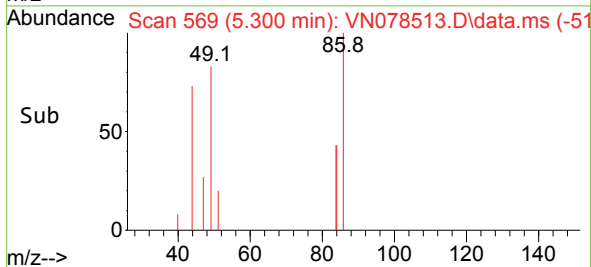
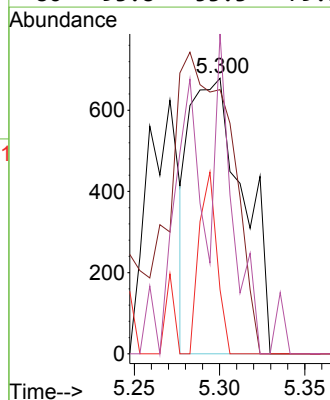
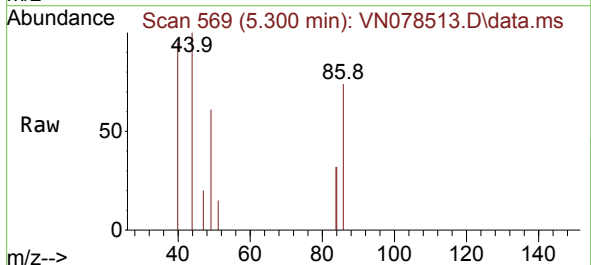
Ion Ratio Lower Upper

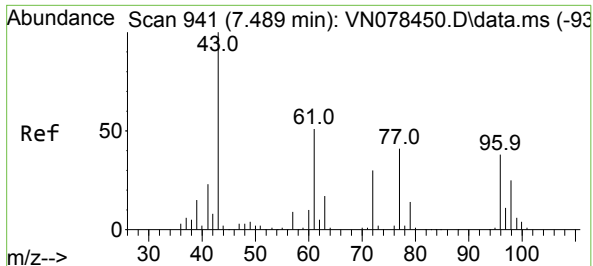
84 100

49 95.9 79.7 119.5

51 23.3 25.2 37.8#

86 93.8 53.3 79.9#





#25

2-Butanone

Concen: 1.009 ug/l

RT: 7.518 min Scan# 941

Delta R.T. 0.029 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

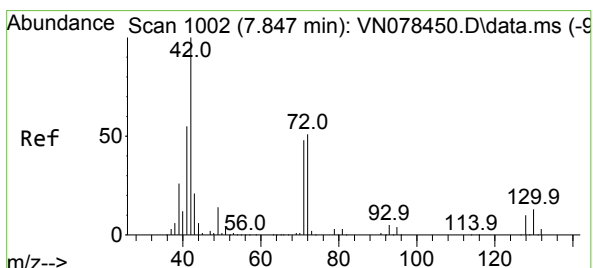
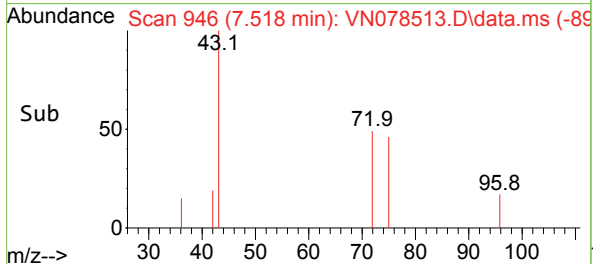
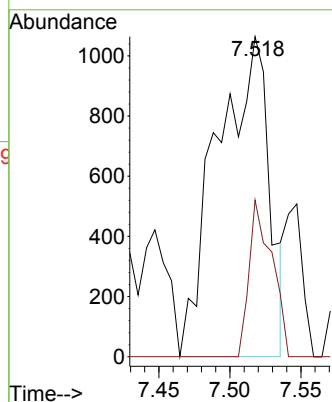
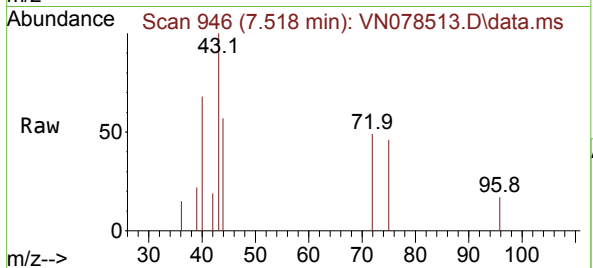
713-A

Tgt Ion: 43 Resp: 2714

Ion Ratio Lower Upper

43 100

72 49.0 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.241 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

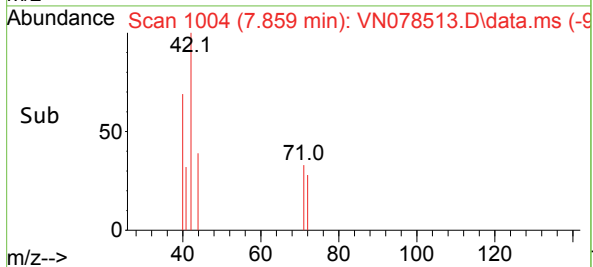
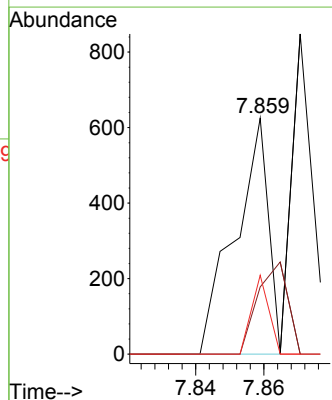
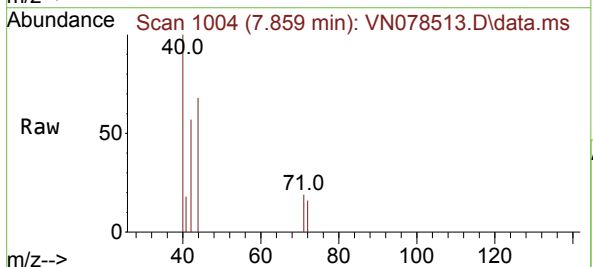
Tgt Ion: 42 Resp: 426

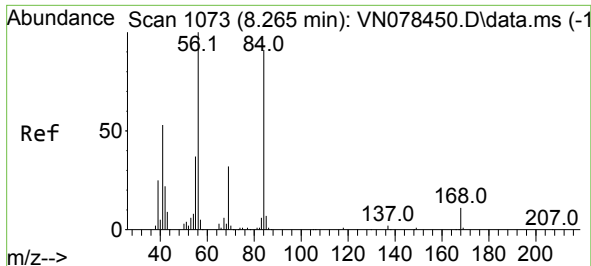
Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 17.4 47.4 71.2#

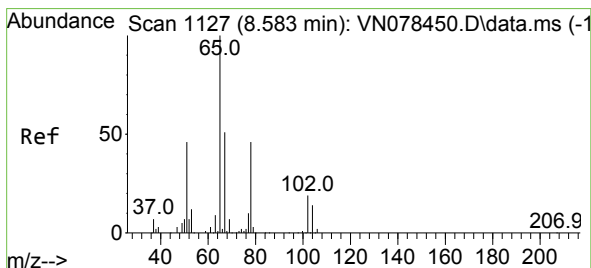
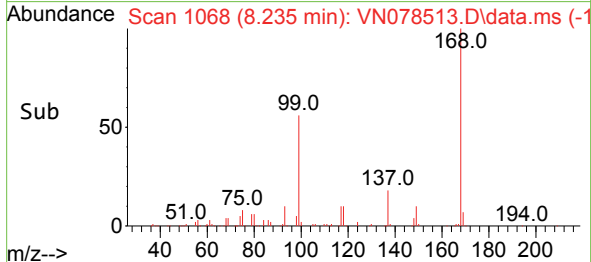
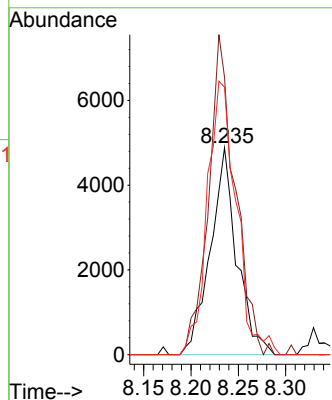
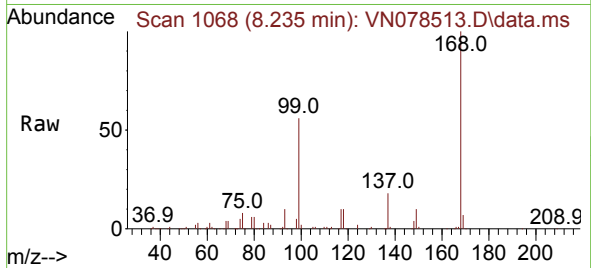




#31
Cyclohexane
Concen: 1.285 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

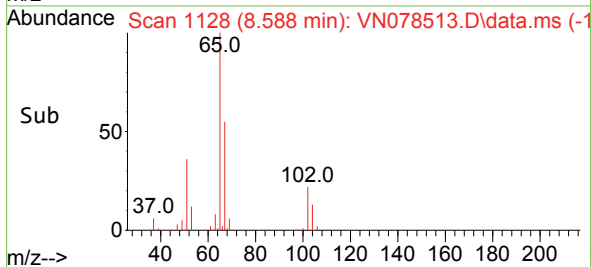
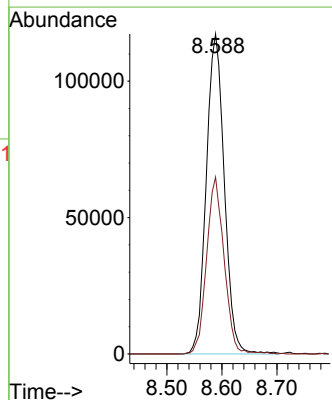
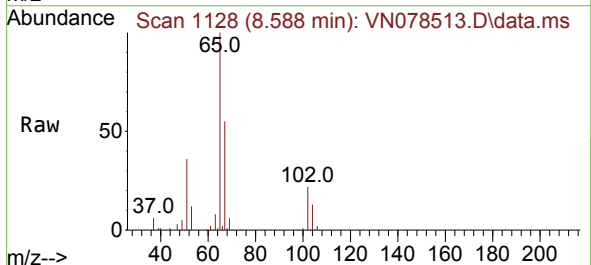
Instrument :
MSVOA_N
ClientSampleId :
713-A

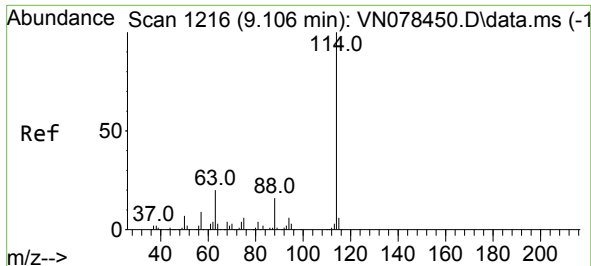
Tgt Ion: 56 Resp: 9529
Ion Ratio Lower Upper
56 100
69 134.1 26.8 40.2#
84 129.3 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 48.644 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion: 65 Resp: 266881
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6

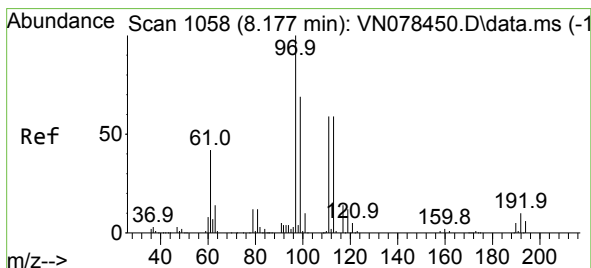
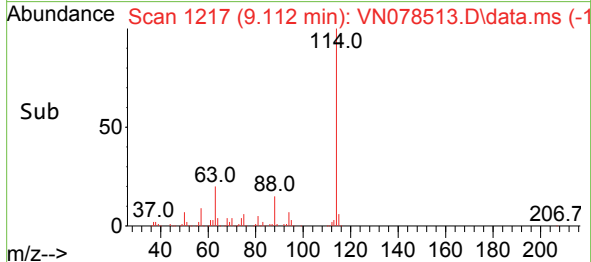
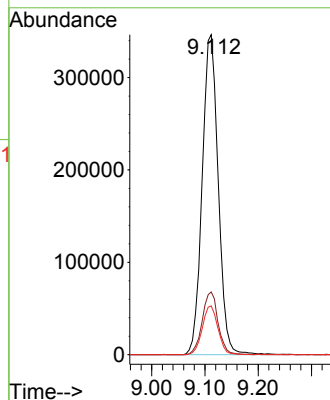
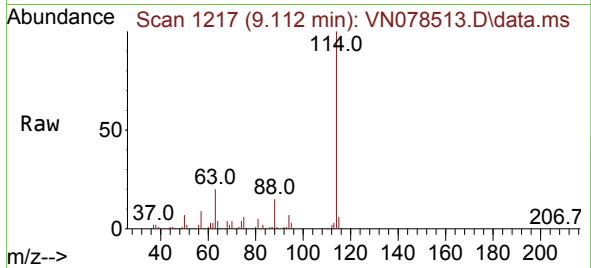




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

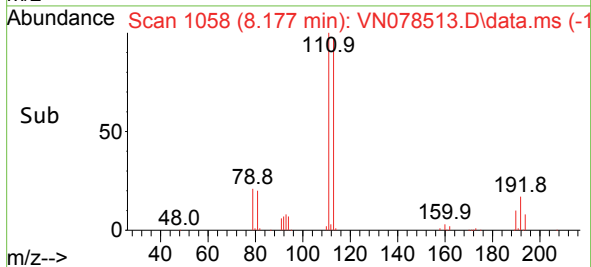
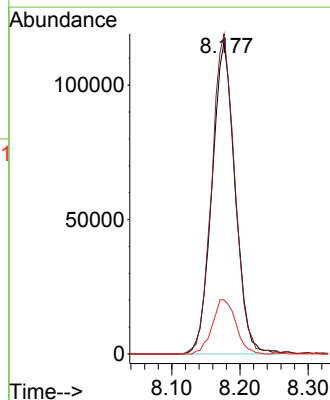
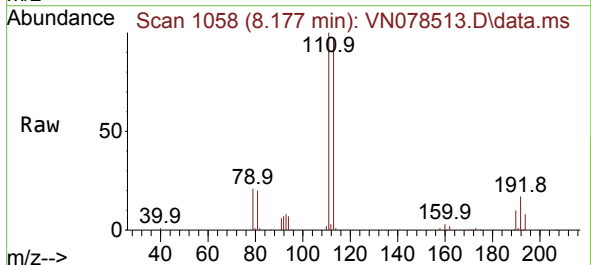
Instrument :
MSVOA_N
ClientSampleId :
713-A

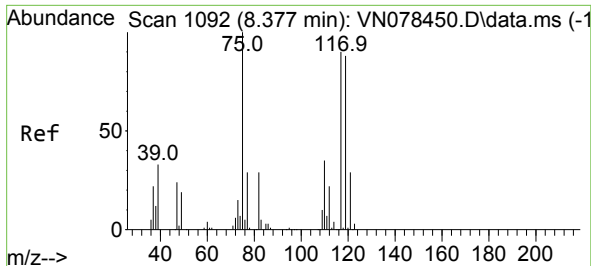
Tgt Ion:114 Resp: 724951
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.459 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion:113 Resp: 272926
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 17.8 12.7 19.1

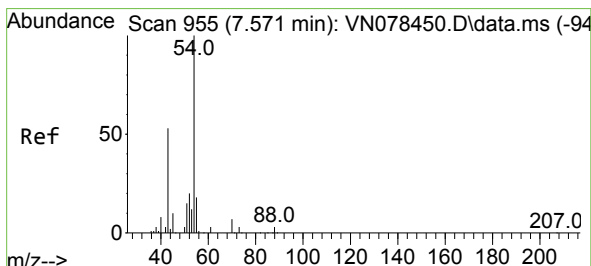
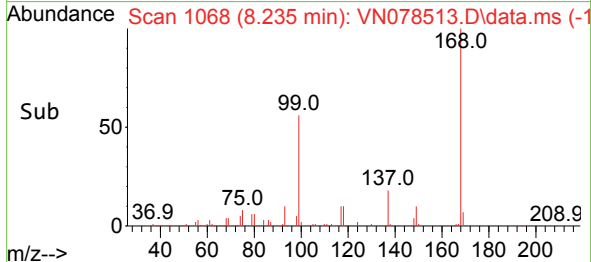
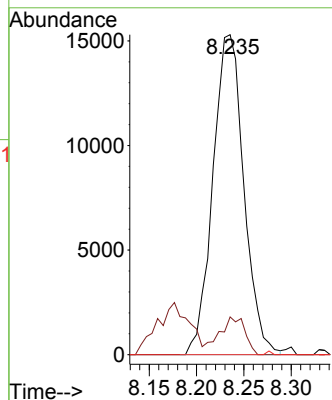
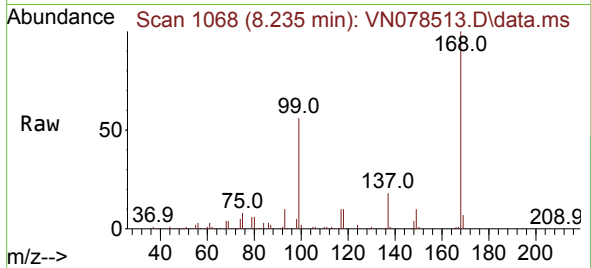




#36
 1,1-Dichloropropene
 Concen: 4.897 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. -0.142 min
 Lab File: VN078513.D
 Acq: 14 Jul 2023 11:32

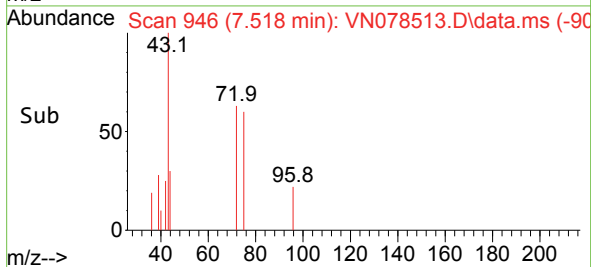
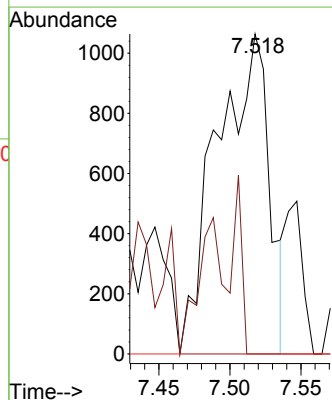
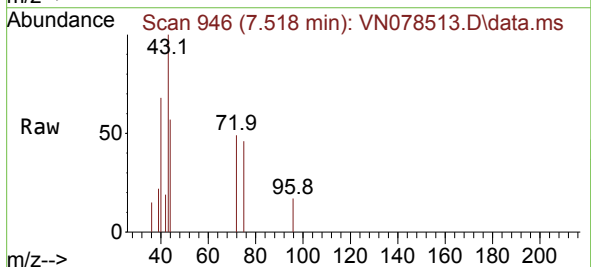
Instrument :
 MSVOA_N
 ClientSampleId :
 713-A

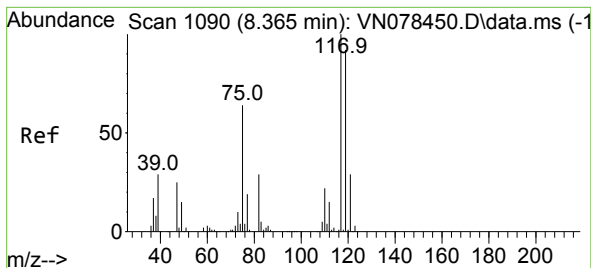
Tgt Ion: 75 Resp: 34794
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.1 57.3#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 0.458 ug/l
 RT: 7.518 min Scan# 946
 Delta R.T. -0.053 min
 Lab File: VN078513.D
 Acq: 14 Jul 2023 11:32

Tgt Ion: 43 Resp: 2714
 Ion Ratio Lower Upper
 43 100
 61 0.0 13.2 19.8#
 70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.625 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

713-A

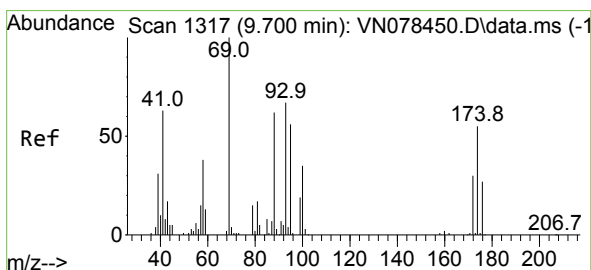
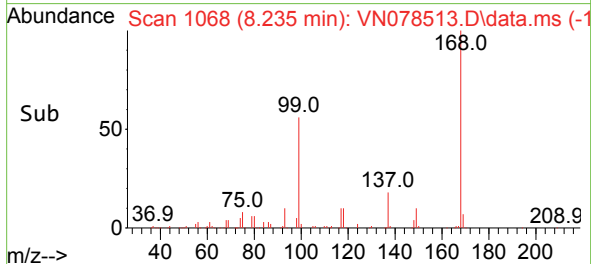
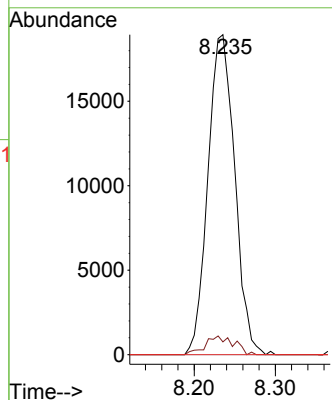
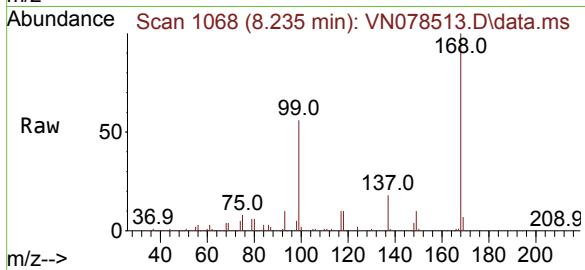
Tgt Ion:117 Resp: 43442

Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 23.3 34.9#



#49

1,4-Dioxane

Concen: 2.141 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.018 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

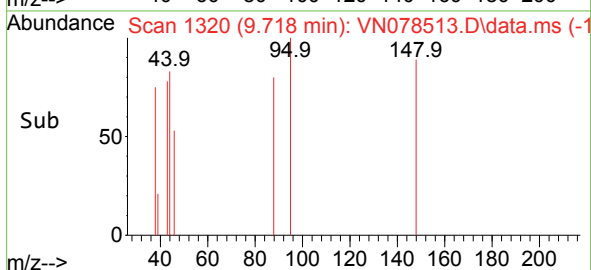
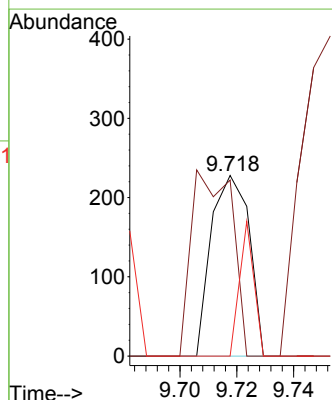
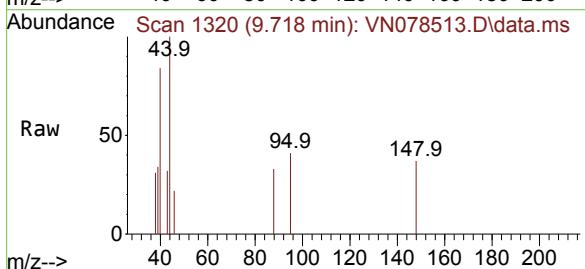
Tgt Ion: 88 Resp: 211

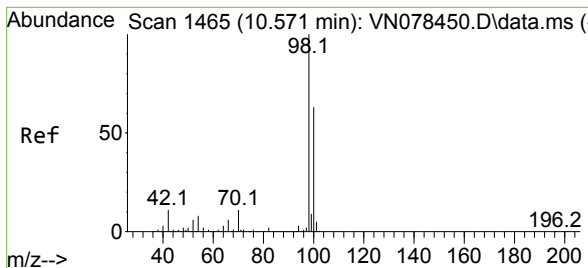
Ion Ratio Lower Upper

88 100

43 110.0 17.0 25.6#

58 28.4 47.0 70.4#

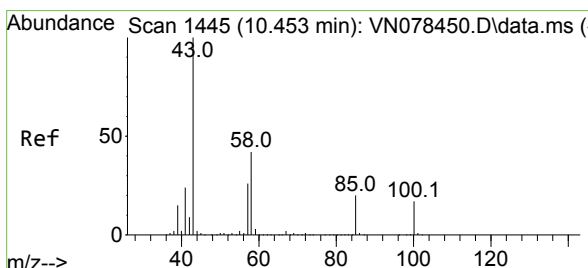
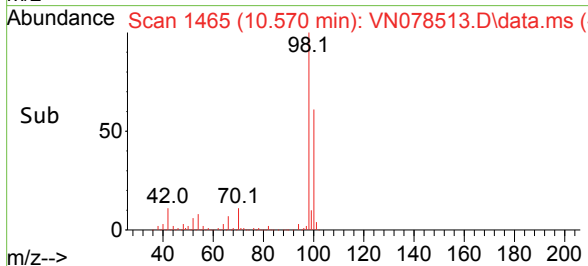
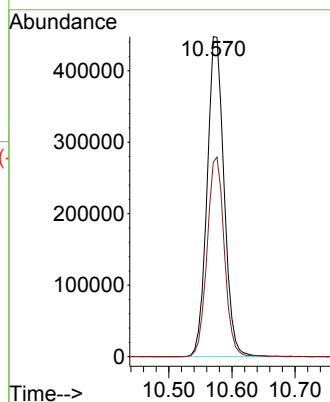
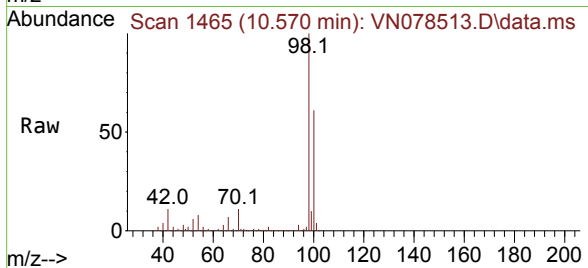




#50
Toluene-d8
Concen: 44.781 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

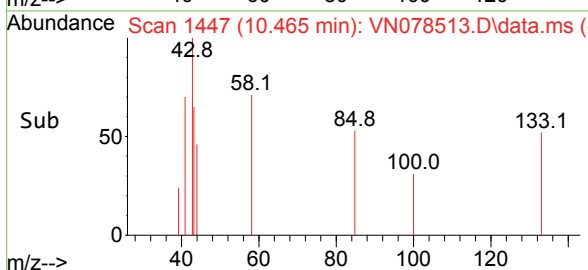
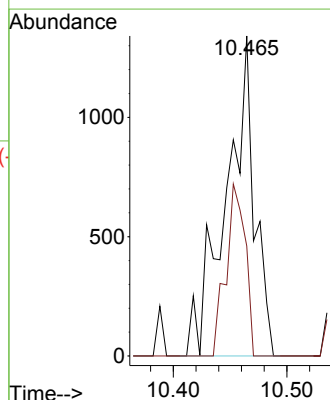
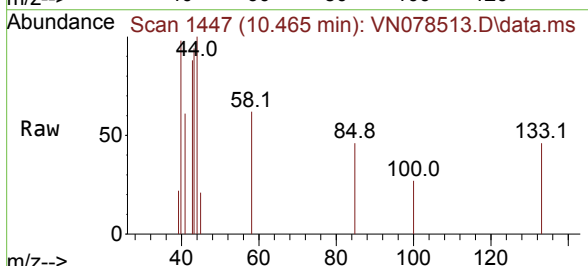
Instrument :
MSVOA_N
ClientSampleId :
713-A

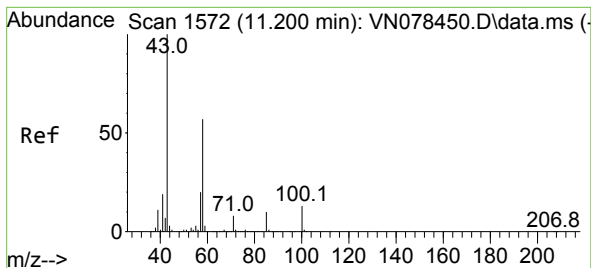
Tgt Ion: 98 Resp: 832515
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.401 ug/l
RT: 10.465 min Scan# 1447
Delta R.T. 0.012 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

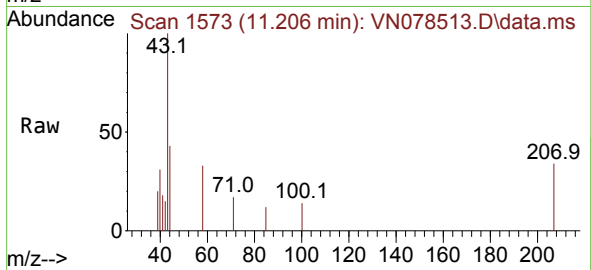
Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
58 36.3 36.6 54.8#



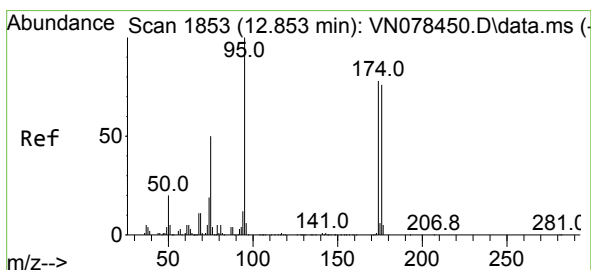
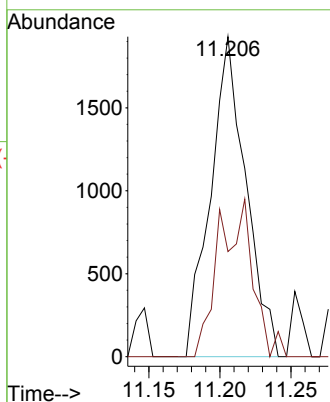
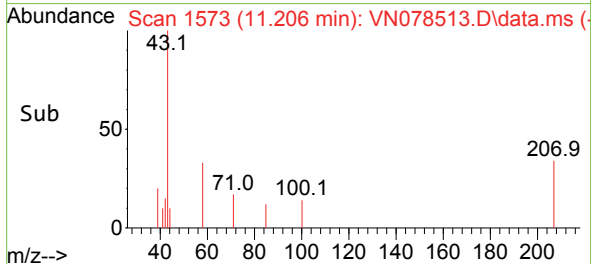


#59
2-Hexanone
Concen: 0.812 ug/l
RT: 11.206 min Scan# 11573
Delta R.T. 0.006 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Instrument :
MSVOA_N
ClientSampleId :
713-A

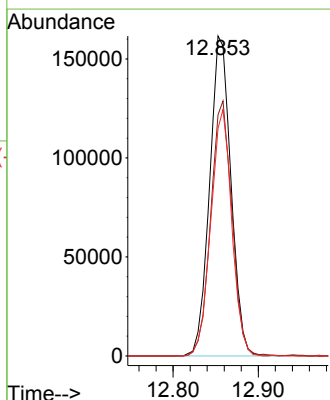
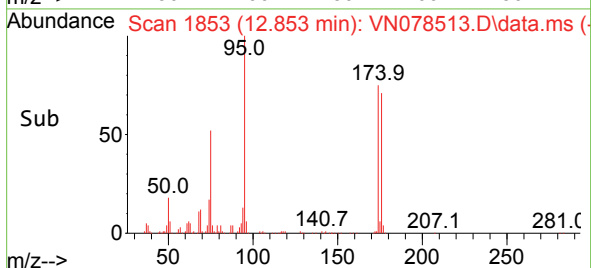
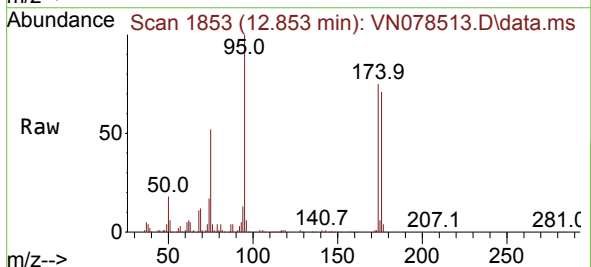


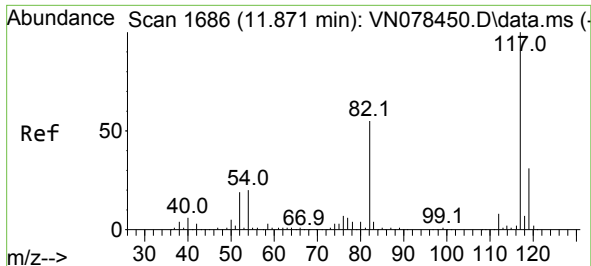
Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
58 47.4 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 49.089 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion: 95 Resp: 281103
Ion Ratio Lower Upper
95 100
174 79.8 0.0 143.8
176 75.7 0.0 135.8

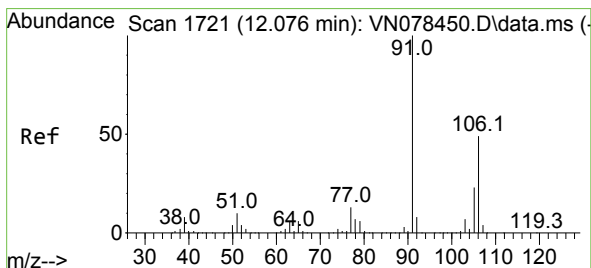
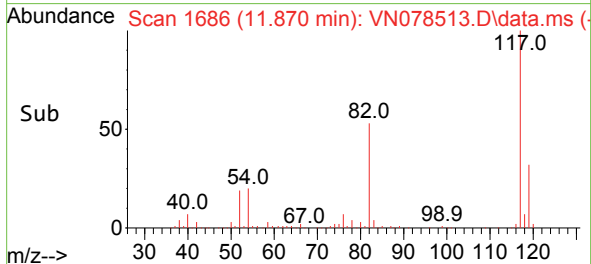
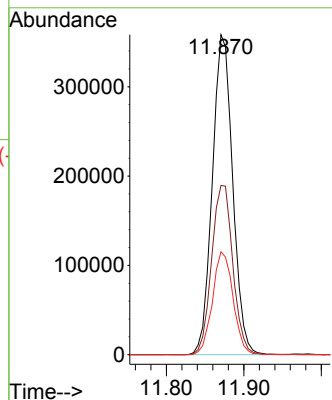
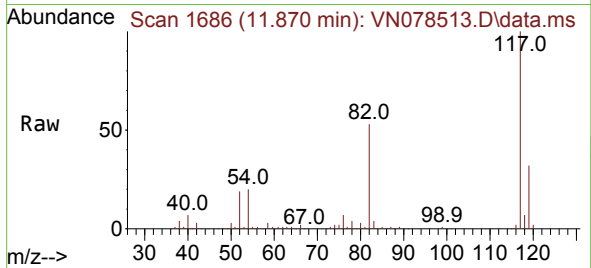




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

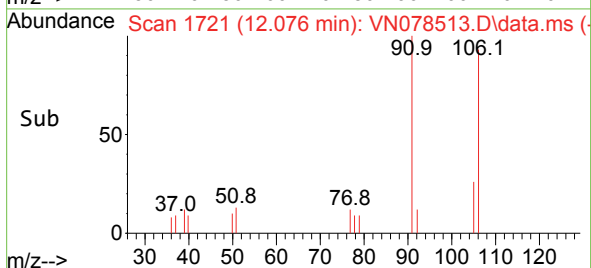
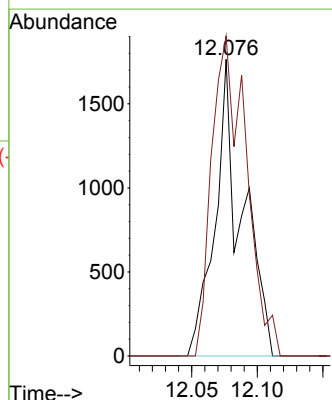
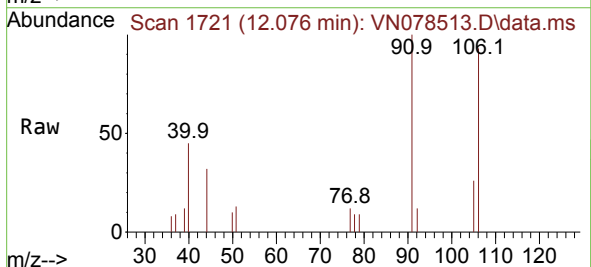
Instrument :
MSVOA_N
ClientSampleId :
713-A

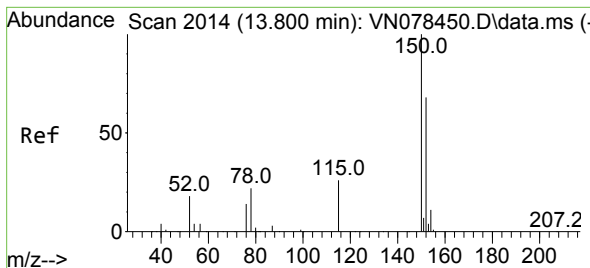
Tgt Ion:117 Resp: 654109
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 0.277 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion:106 Resp: 2534
Ion Ratio Lower Upper
106 100
91 137.2 159.6 239.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

713-A

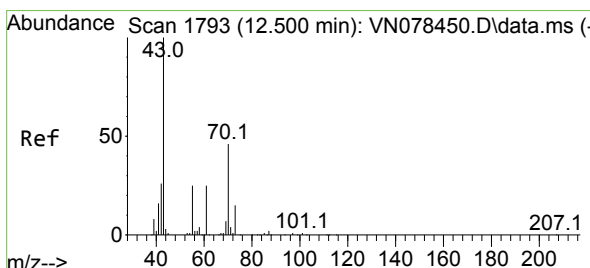
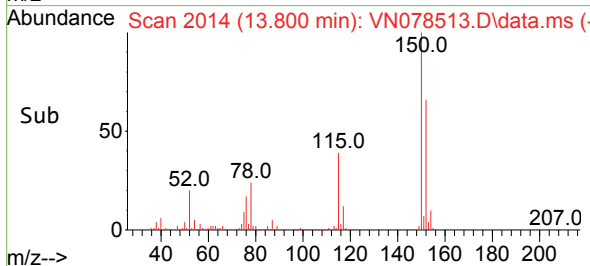
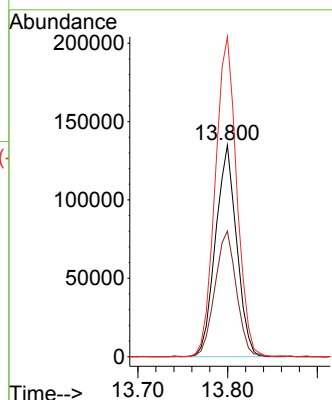
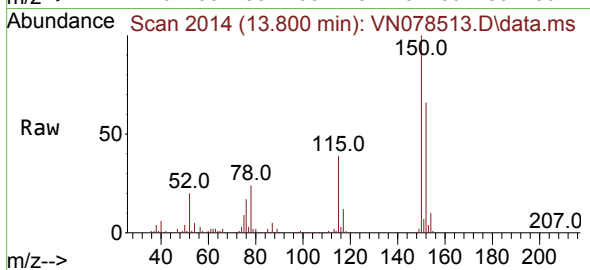
Tgt Ion:152 Resp: 220627

Ion Ratio Lower Upper

152 100

115 60.4 32.3 96.8

150 154.2 0.0 355.8



#74

N-ethyl acetate

Concen: 0.289 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Tgt Ion: 43 Resp: 2063

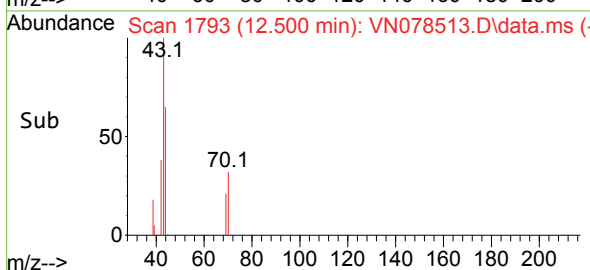
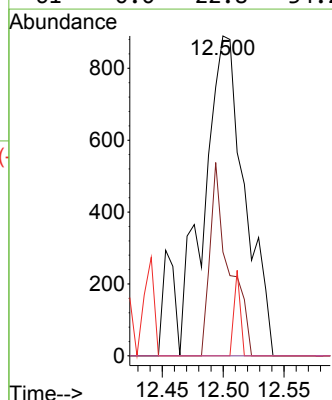
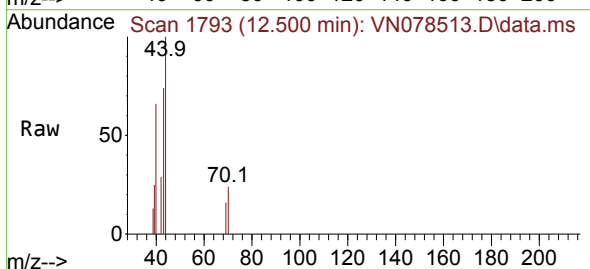
Ion Ratio Lower Upper

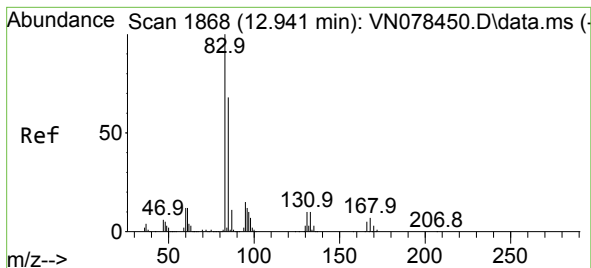
43 100

70 28.5 43.4 65.2#

55 4.1 21.4 32.0#

61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.953 min Scan# 1854

Delta R.T. 0.012 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

713-A

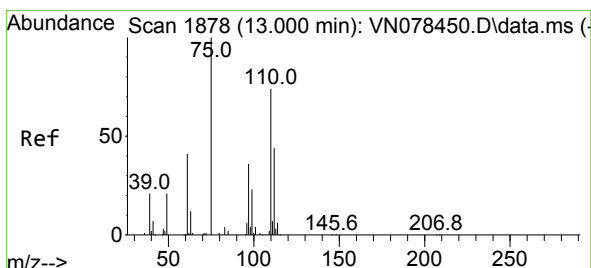
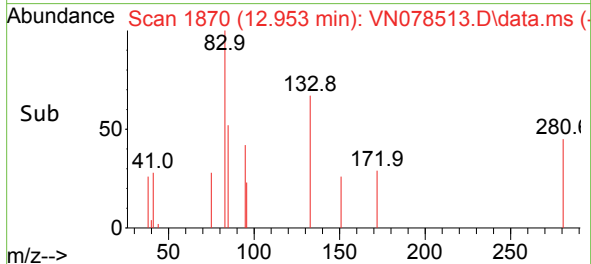
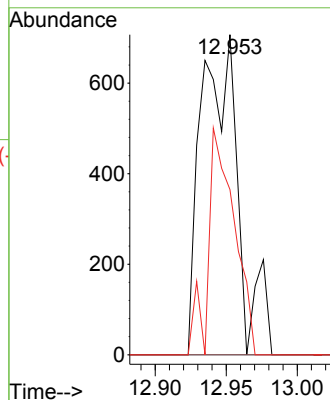
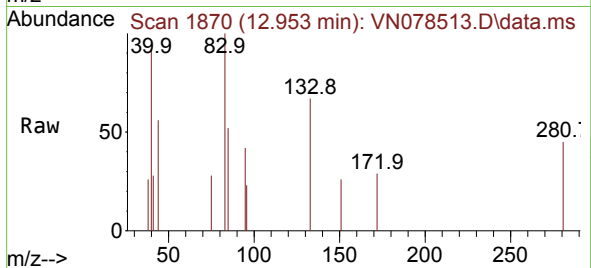
Tgt Ion: 83 Resp: 1284

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 50.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.202 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. -0.141 min

Lab File: VN078513.D

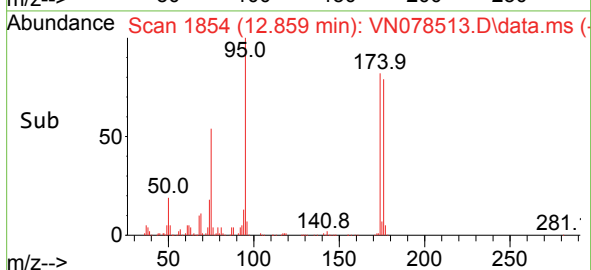
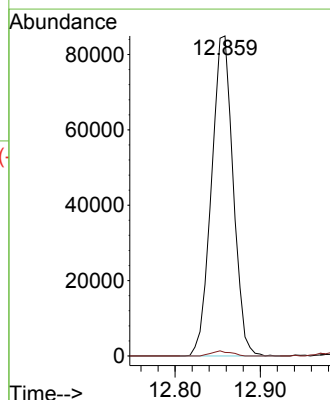
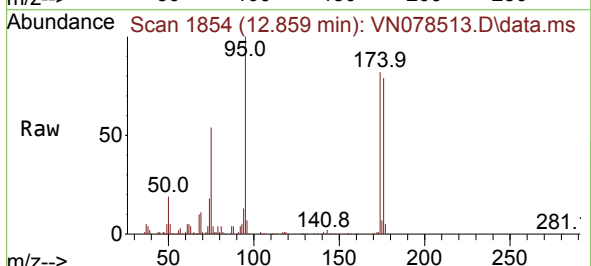
Acq: 14 Jul 2023 11:32

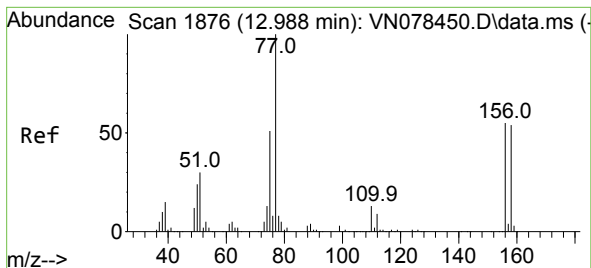
Tgt Ion: 75 Resp: 150396

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#





#77

Bromobenzene

Concen: Below Cal

RT: 12.988 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

713-A

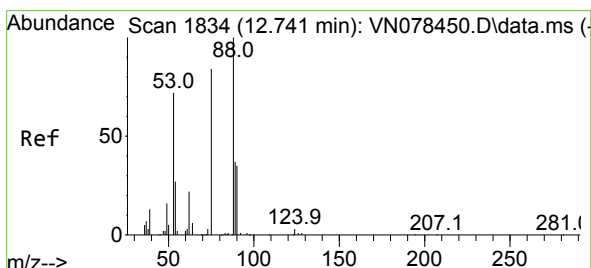
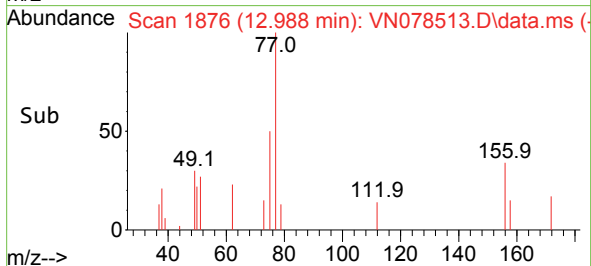
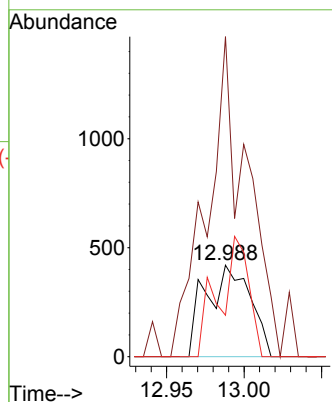
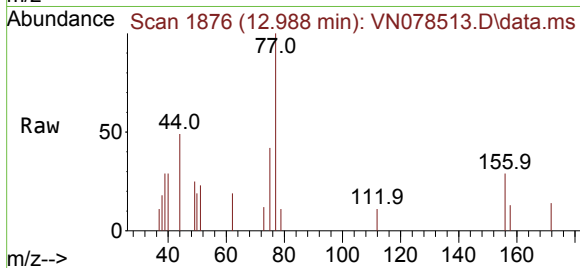
Tgt Ion:156 Resp: 841

Ion Ratio Lower Upper

156 100

77 322.7 107.7 323.3

158 86.3 48.4 145.3



#81

trans-1,4-Dichloro-2-butene

Concen: 74.109 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.118 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

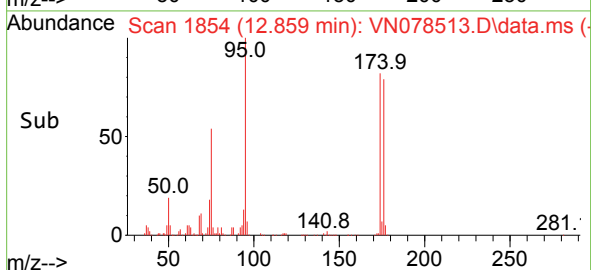
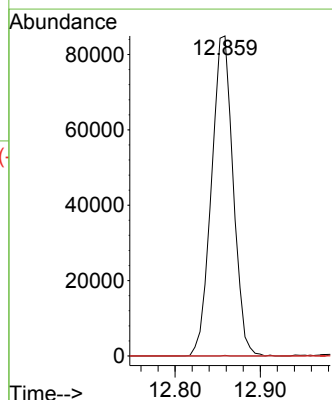
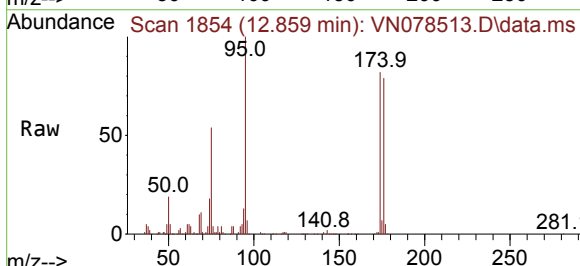
Tgt Ion: 75 Resp: 150396

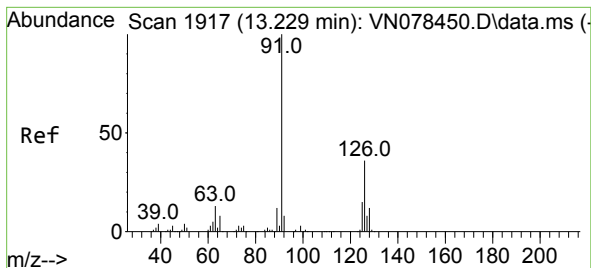
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 0.246 ug/l

RT: 13.235 min Scan# 1917

Delta R.T. 0.006 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

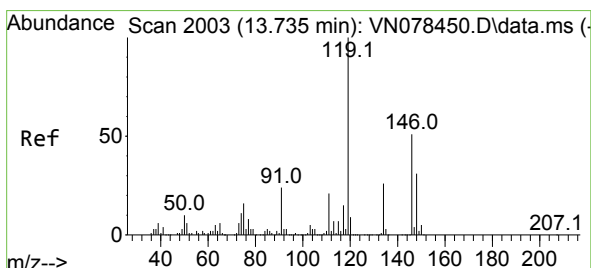
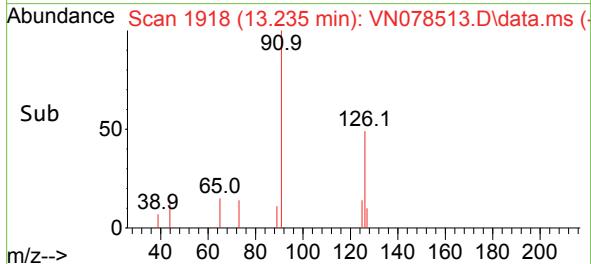
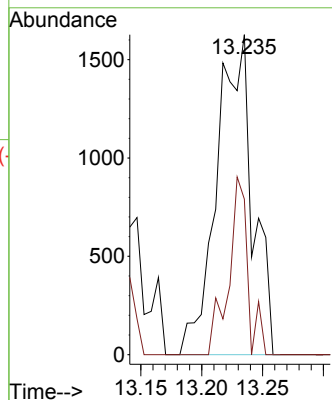
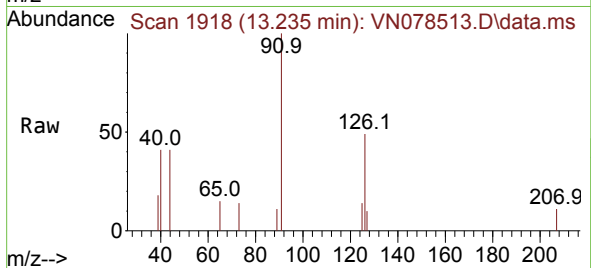
713-A

Tgt Ion: 91 Resp: 3338

Ion Ratio Lower Upper

91 100

126 29.5 16.7 50.0



#86

p-Isopropyltoluene

Concen: 0.220 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

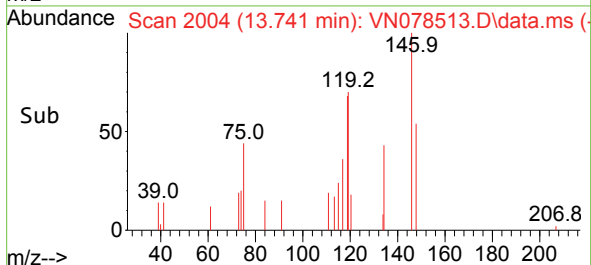
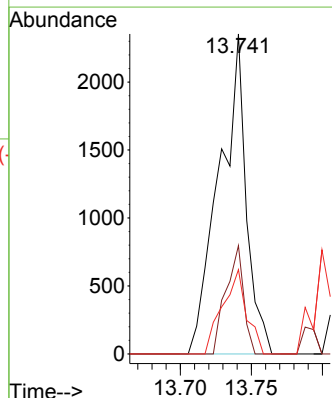
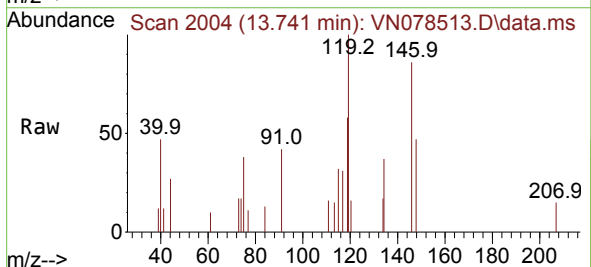
Tgt Ion: 119 Resp: 3102

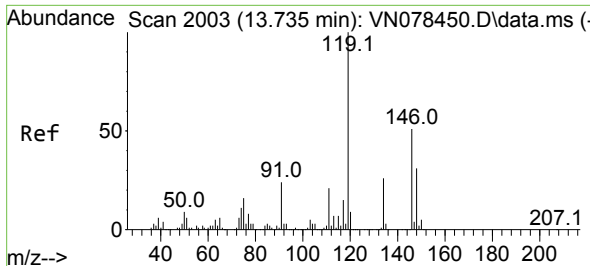
Ion Ratio Lower Upper

119 100

134 22.1 12.6 37.8

91 23.7 12.4 37.2

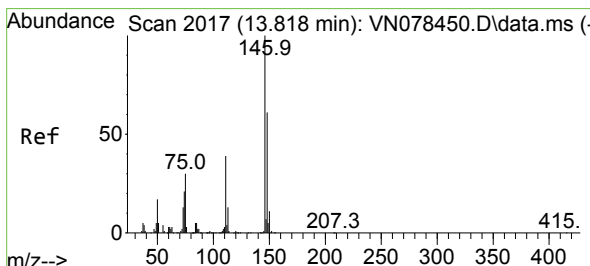
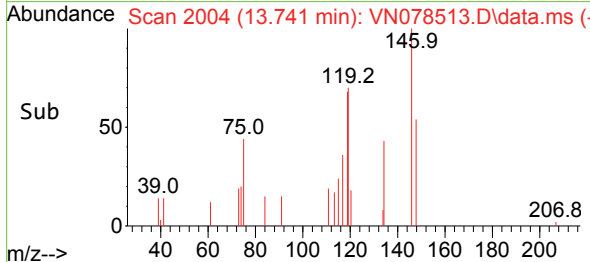
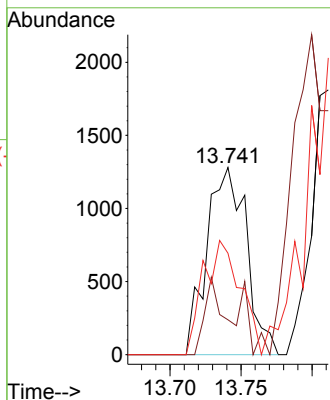
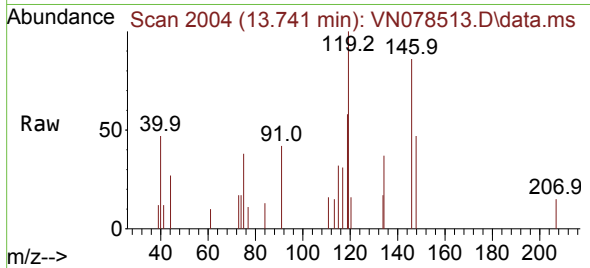




#87
1,3-Dichlorobenzene
Concen: 0.313 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

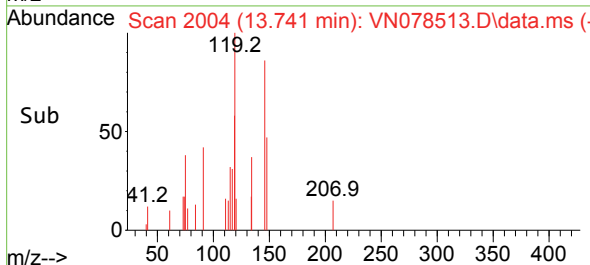
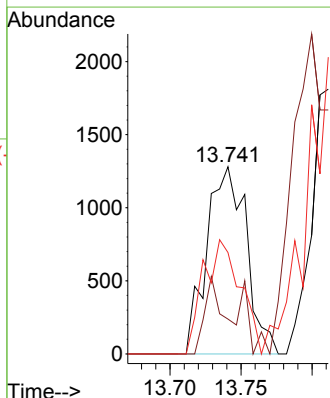
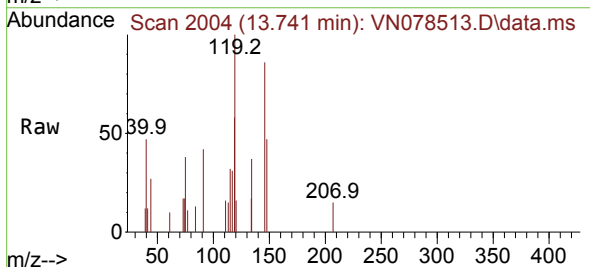
Instrument :
MSVOA_N
ClientSampleId :
713-A

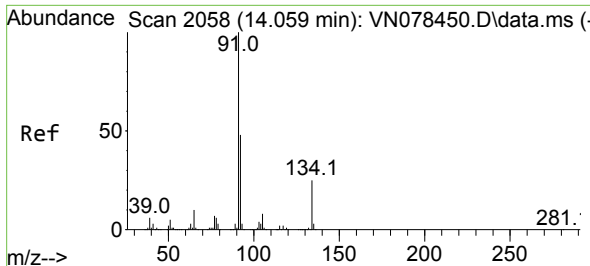
Tgt Ion:146 Resp: 2489
Ion Ratio Lower Upper
146 100
111 20.9 22.1 66.3#
148 57.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 0.310 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion:146 Resp: 2489
Ion Ratio Lower Upper
146 100
111 20.9 20.6 61.8
148 57.2 31.6 94.8

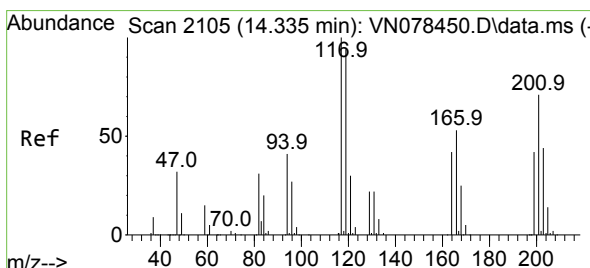
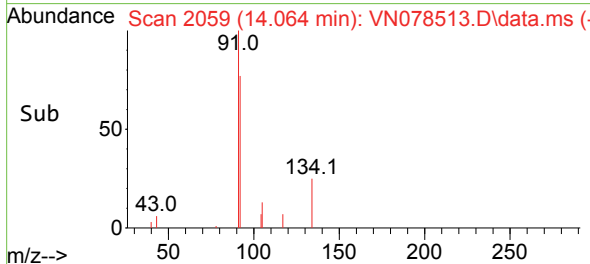
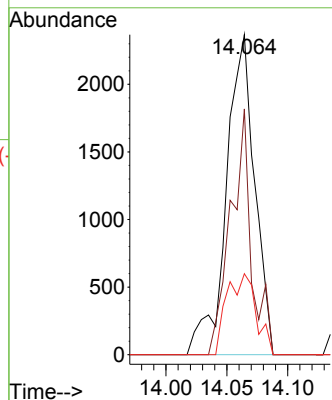
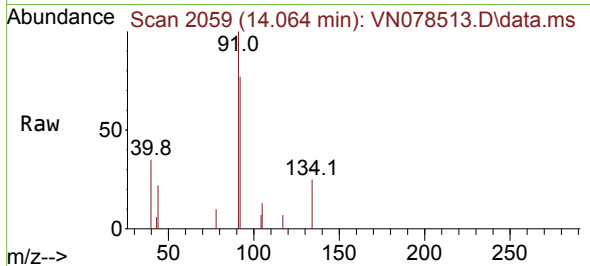




#89
n-Butylbenzene
Concen: 0.380 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.005 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

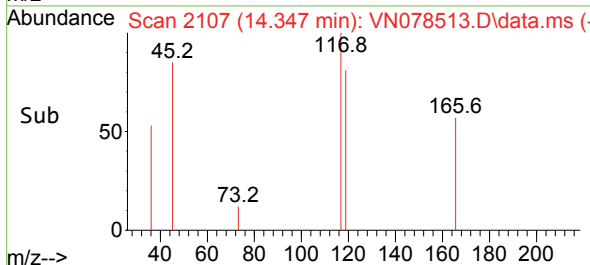
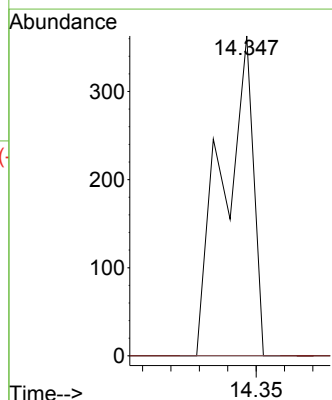
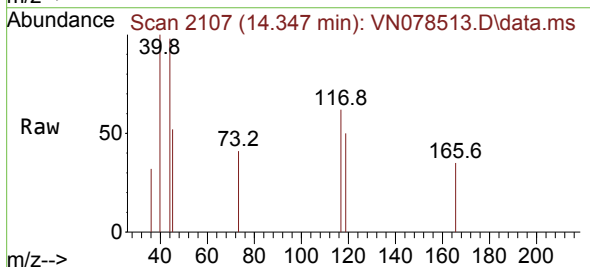
Instrument :
MSVOA_N
ClientSampleId :
713-A

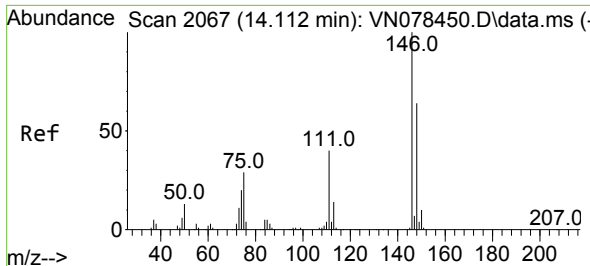
Tgt Ion: 91 Resp: 3839
Ion Ratio Lower Upper
91 100
92 56.3 26.4 79.0
134 26.0 12.6 37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.347 min Scan# 2107
Delta R.T. 0.012 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion: 117 Resp: 270
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#

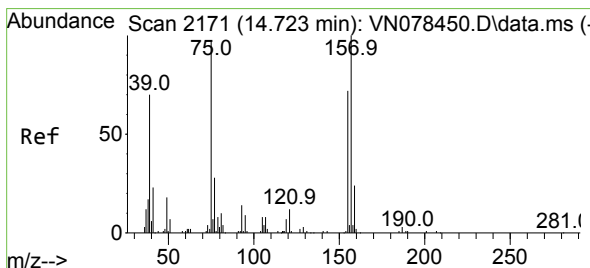
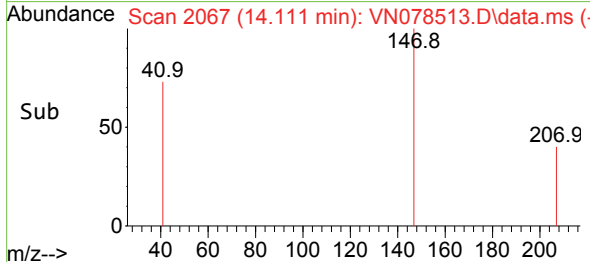
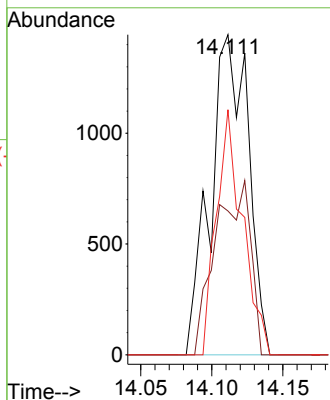
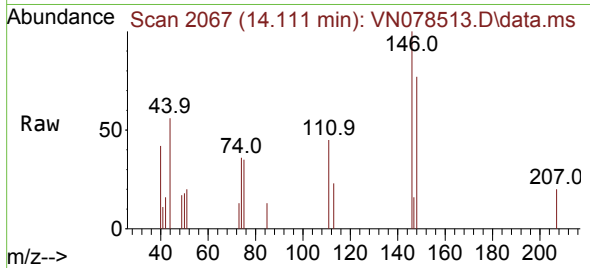




#91
1,2-Dichlorobenzene
Concen: 0.339 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

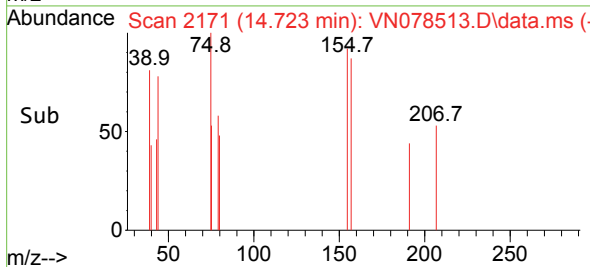
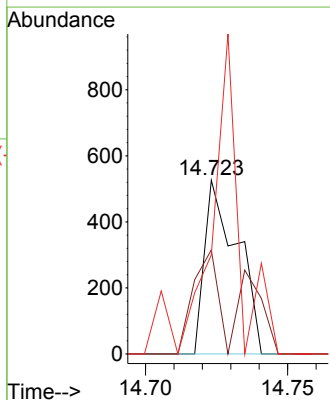
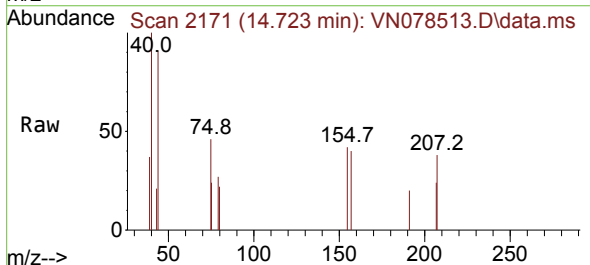
Instrument :
MSVOA_N
ClientSampleId :
713-A

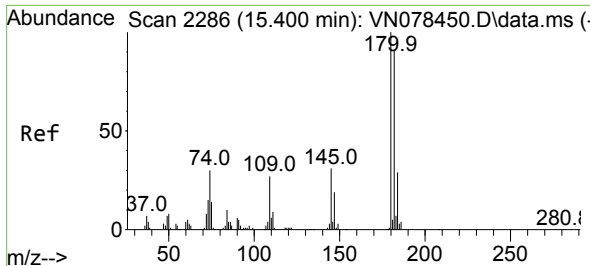
Tgt Ion:146 Resp: 2682
Ion Ratio Lower Upper
146 100
111 50.2 22.0 66.0
148 52.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion: 75 Resp: 421
Ion Ratio Lower Upper
75 100
155 45.1 39.1 117.2
157 161.0 50.3 150.9#

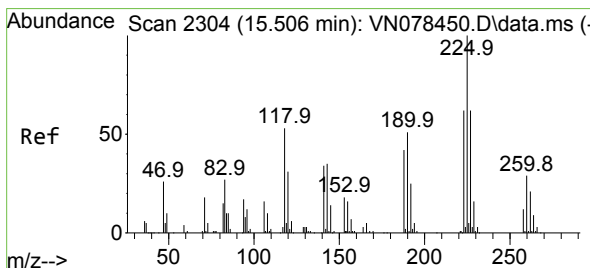
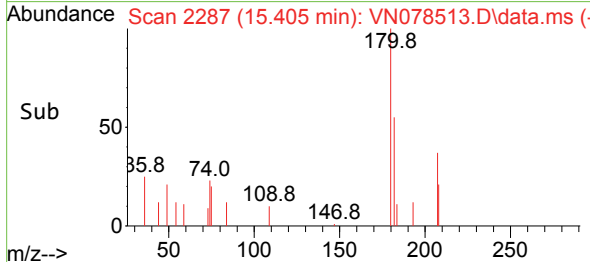
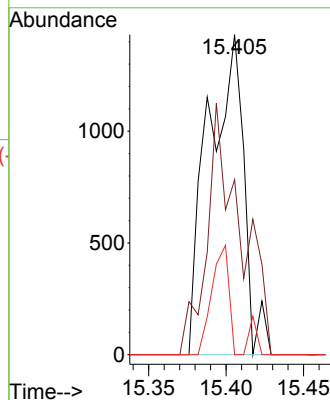
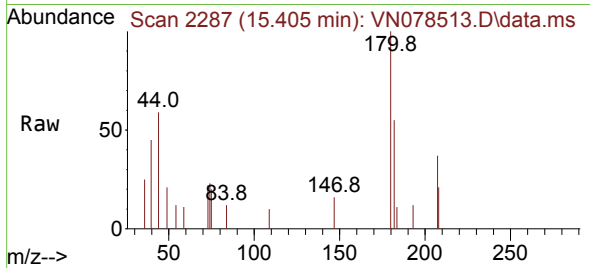




#93
1,2,4-Trichlorobenzene
Concen: 0.907 ug/l
RT: 15.405 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

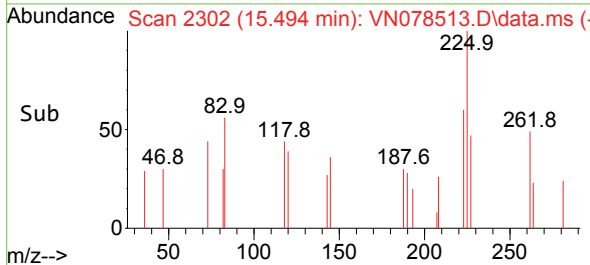
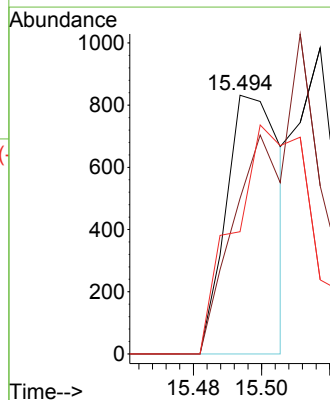
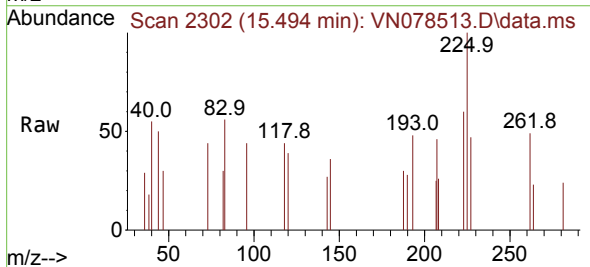
Instrument :
MSVOA_N
ClientSampleId :
713-A

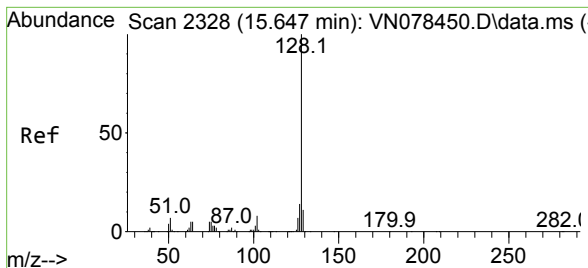
Tgt Ion:180 Resp: 2292
Ion Ratio Lower Upper
180 100
182 73.6 46.1 138.2
145 16.4 16.6 49.8#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.494 min Scan# 2302
Delta R.T. -0.012 min
Lab File: VN078513.D
Acq: 14 Jul 2023 11:32

Tgt Ion:225 Resp: 928
Ion Ratio Lower Upper
225 100
223 147.4 31.3 93.8#
227 126.3 31.9 95.9#





#95

Naphthalene

Concen: 0.852 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Instrument :

MSVOA_N

ClientSampleId :

713-A

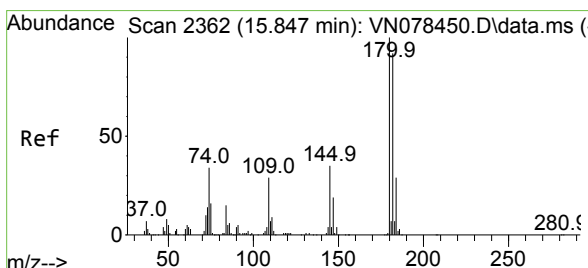
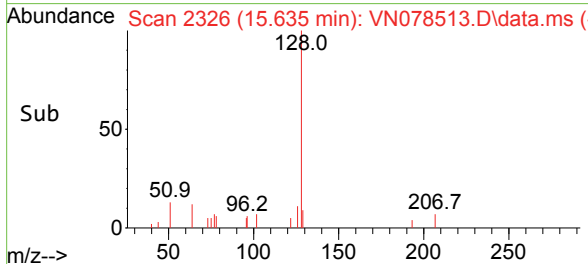
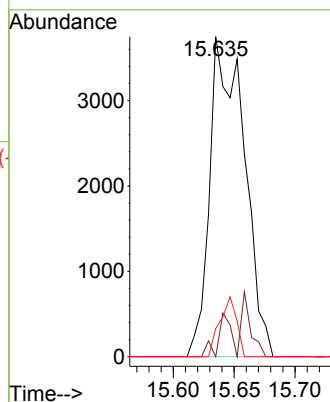
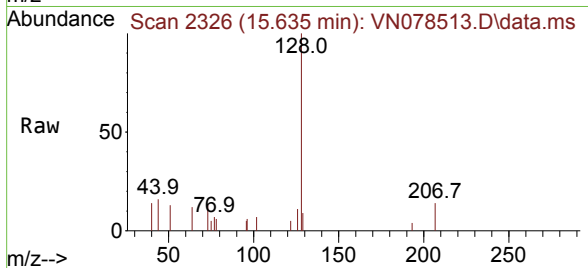
Tgt Ion:128 Resp: 7361

Ion Ratio Lower Upper

128 100

127 5.1 10.0 15.0#

129 9.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.909 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078513.D

Acq: 14 Jul 2023 11:32

Tgt Ion:180 Resp: 2641

Ion Ratio Lower Upper

180 100

182 100.7 46.2 138.6

145 31.6 17.5 52.6

