

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078521.D
 Acq On : 14 Jul 2023 14:46
 Operator : JC\MD
 Sample : 03620-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 713-B

Quant Time: Jul 15 04:02:15 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	8.236	168	409969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	746413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	703338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	281690	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274005	49.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.700%
35) Dibromofluoromethane	8.177	113	282862	55.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.660%
50) Toluene-d8	10.577	98	861573	45.012	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.020%
62) 4-Bromofluorobenzene	12.853	95	322321	54.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.340%

Target Compounds			Qvalue			
3) Chloromethane	2.377	50	1875	0.343	ug/l	97
5) Bromomethane	2.971	94	1881	Below Cal	#	47
6) Chloroethane	3.118	64	2598	Below Cal	#	43
11) Tert butyl alcohol	5.548	59	243159	286.910	ug/l	97
13) Acrolein	4.212	56	674	0.808	ug/l	# 16
15) Acrylonitrile	5.524	53	1117	0.522	ug/l	# 27
16) Acetone	4.448	43	59147	34.548	ug/l	96
17) Carbon Disulfide	4.718	76	2800	0.224	ug/l	# 75
18) Methyl Acetate	5.042	43	1832	0.253	ug/l	# 48
20) Methylene Chloride	5.283	84	703	Below Cal	#	86
25) 2-Butanone	7.500	43	21393	7.938	ug/l	95
31) Cyclohexane	8.236	56	10526	1.417	ug/l	# 29
36) 1,1-Dichloropropene	8.236	75	35829	4.897	ug/l	# 42
37) Ethyl Acetate	7.500	43	21393	3.508	ug/l	# 63
38) Carbon Tetrachloride	8.230	117	42210	5.308	ug/l	# 18
40) Benzene	8.612	78	105829	4.883	ug/l	95
42) 1,2-Dichloroethane	8.618	62	1596	0.216	ug/l	98
43) Isopropyl Acetate	8.724	43	8400	0.837	ug/l	# 49
49) 1,4-Dioxane	9.706	88	3427	33.781	ug/l	# 47
51) 4-Methyl-2-Pentanone	10.459	43	5262	0.881	ug/l	89
52) Toluene	10.635	92	33124	2.466	ug/l	99
59) 2-Hexanone	11.206	43	2787	0.657	ug/l	# 57
67) Ethyl Benzene	11.965	91	13170	0.496	ug/l	93
68) m/p-Xylenes	12.076	106	18490	1.882	ug/l	94
69) o-Xylene	12.400	106	7662	0.772	ug/l	97
70) Styrene	12.418	104	43485	2.801	ug/l	93
71) Bromoform	12.853	173	2236	0.546	ug/l	# 28
75) 1,1,2,2-Tetrachloroethane	12.935	83	68	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.853	75	171971	25.257	ug/l	# 1
80) 1,3,5-Trimethylbenzene	13.182	105	5694	0.272	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.853	75	171971	66.371	ug/l	# 15
83) tert-Butylbenzene	13.500	119	4113	0.232	ug/l	# 64
84) 1,2,4-Trimethylbenzene	13.488	105	28717	1.414	ug/l	97
85) sec-Butylbenzene	13.488	105	28717	1.280	ug/l	# 57
90) Hexachloroethane	14.341	117	186	Below Cal	#	21
95) Naphthalene	15.641	128	2884	0.261	ug/l	# 91

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

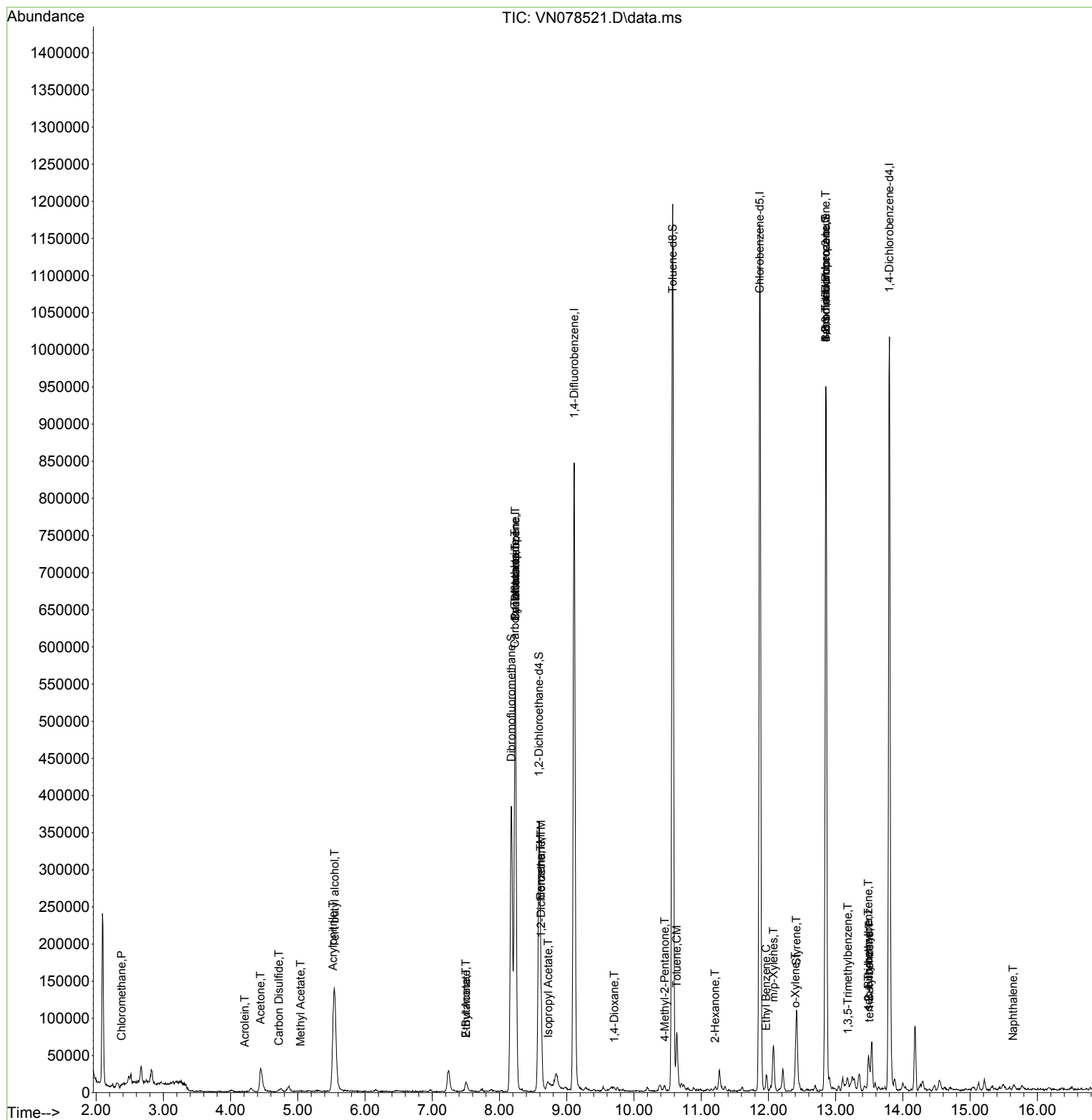
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

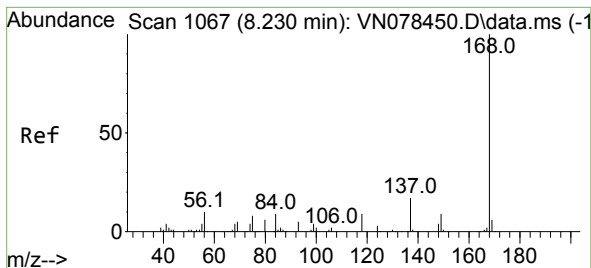
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

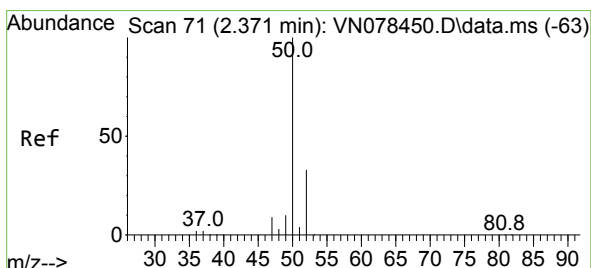
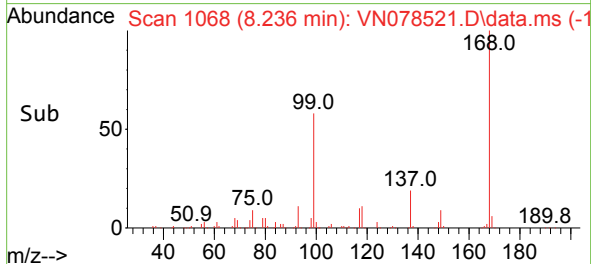
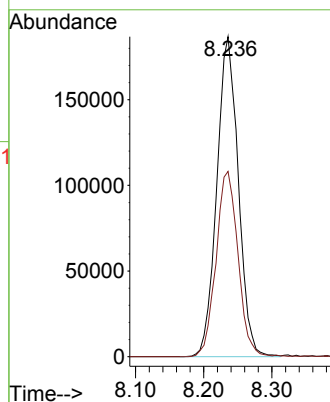
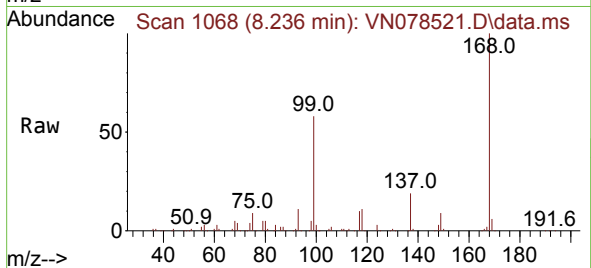
713-B

Tgt Ion:168 Resp: 409969

Ion Ratio Lower Upper

168 100

99 57.9 53.0 79.6



#3

Chloromethane

Concen: 0.343 ug/l

RT: 2.377 min Scan# 72

Delta R.T. 0.006 min

Lab File: VN078521.D

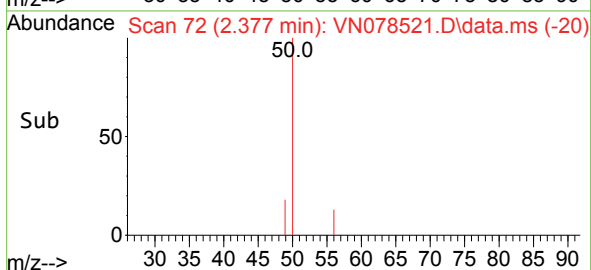
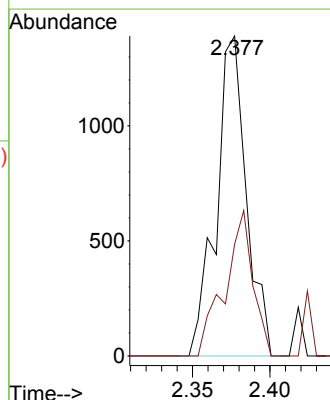
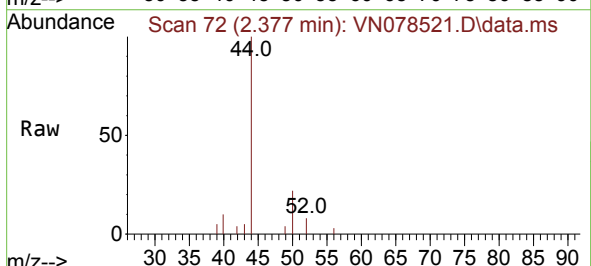
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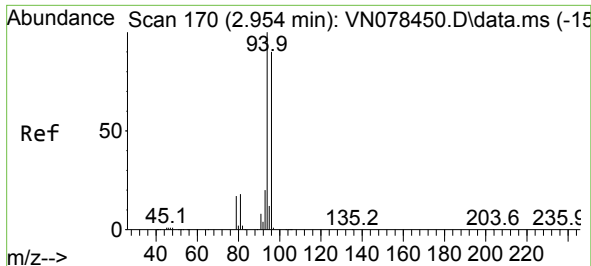
Tgt Ion: 50 Resp: 1875

Ion Ratio Lower Upper

50 100

52 34.9 26.5 39.7

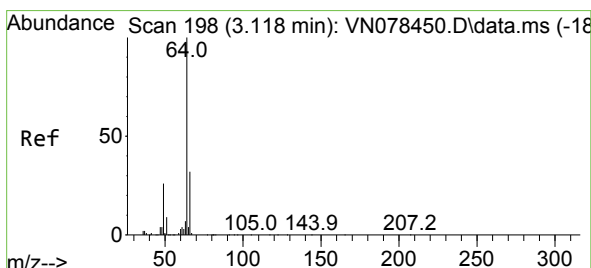
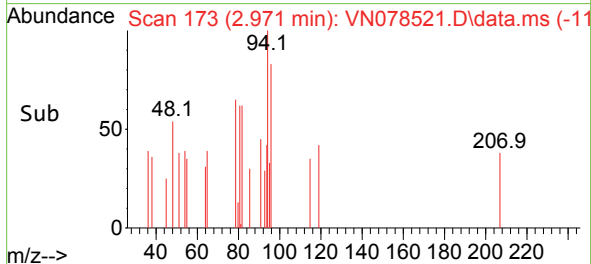
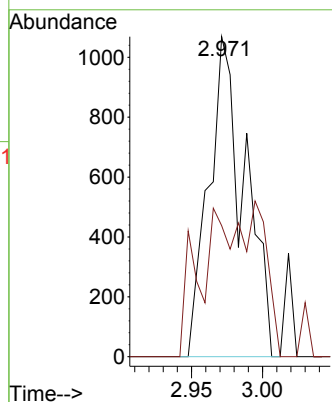
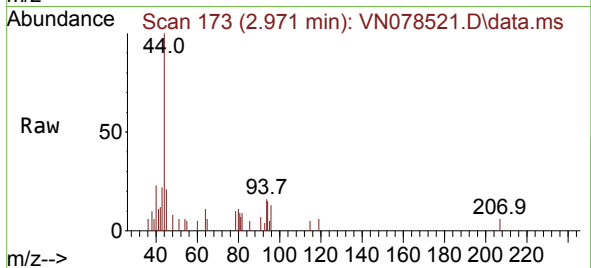




#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

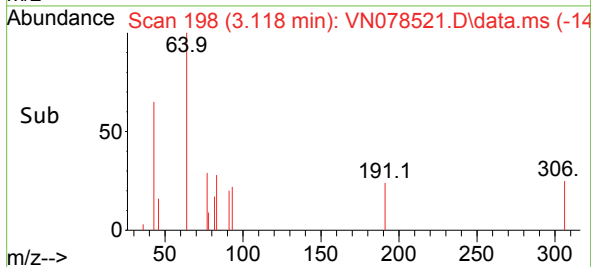
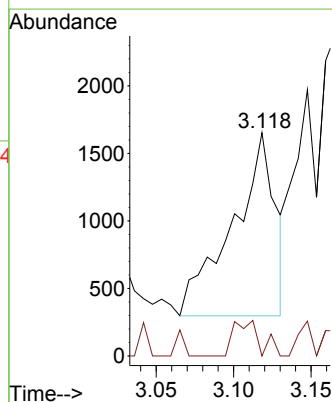
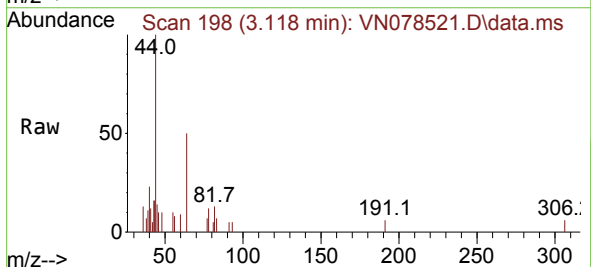
Instrument :
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ClientSampleId :
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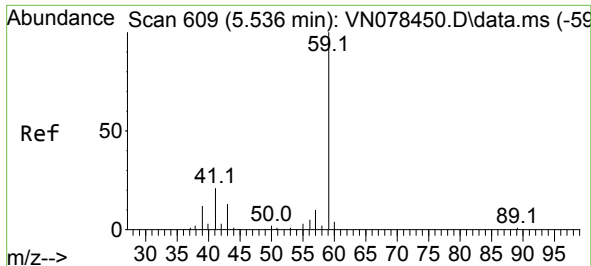
Tgt Ion: 94 Resp: 1881
Ion Ratio Lower Upper
94 100
96 41.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion: 64 Resp: 2598
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

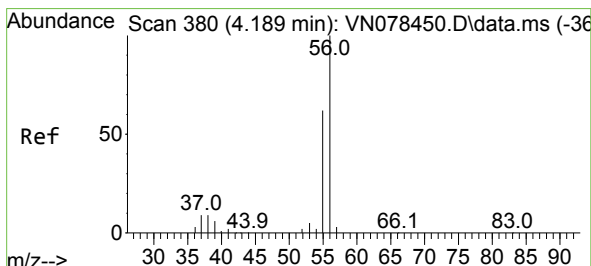
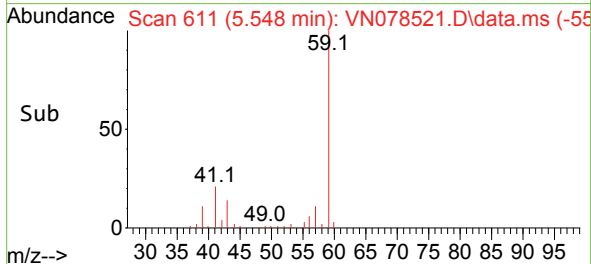
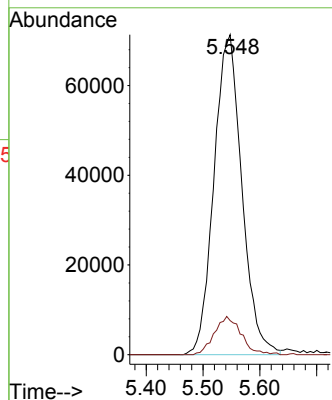
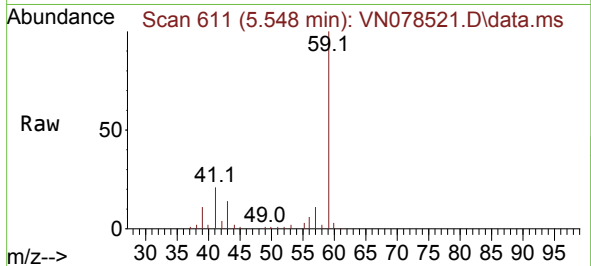




#11
Tert butyl alcohol
Concen: 286.910 ug/l
RT: 5.548 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

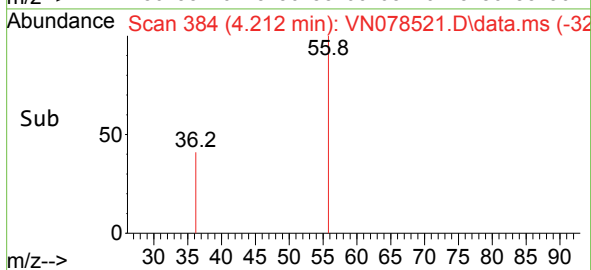
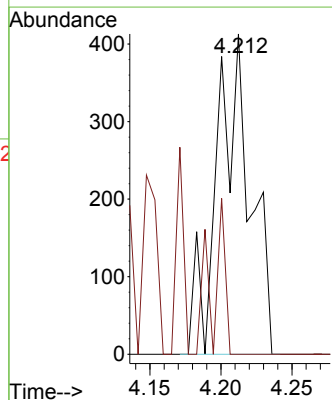
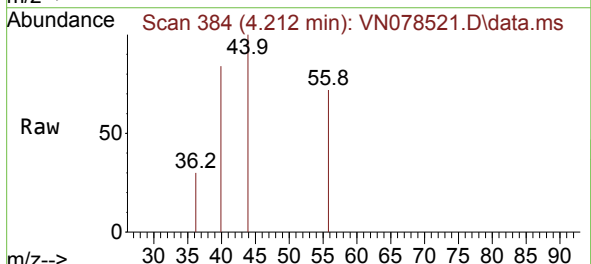
Instrument :
MSVOA_N
ClientSampleId :
713-B

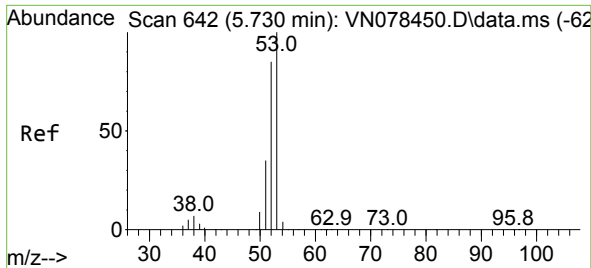
Tgt Ion: 59 Resp: 243159
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4



#13
Acrolein
Concen: 0.808 ug/l
RT: 4.212 min Scan# 384
Delta R.T. 0.023 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion: 56 Resp: 674
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

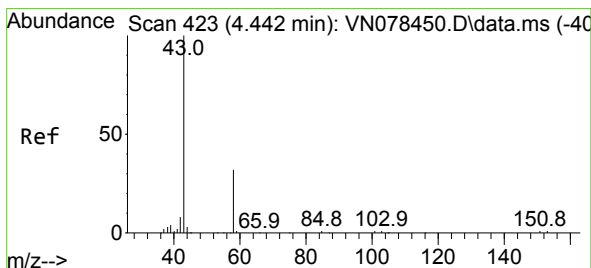
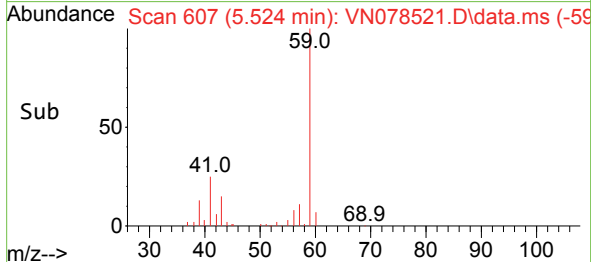
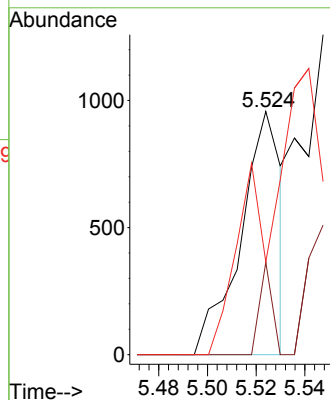
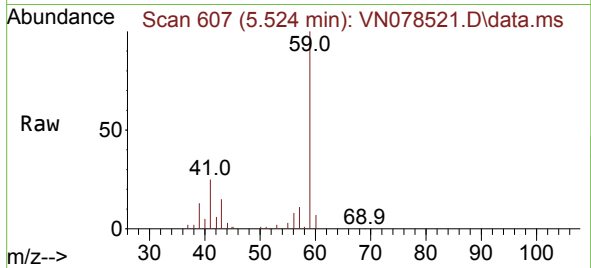




#15
Acrylonitrile
Concen: 0.522 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.206 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

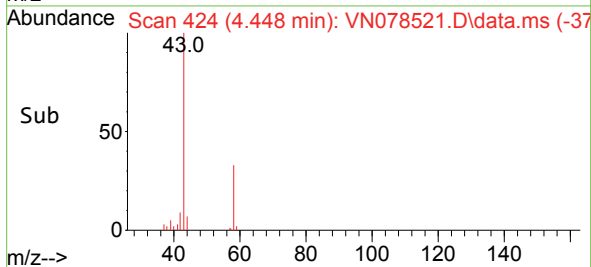
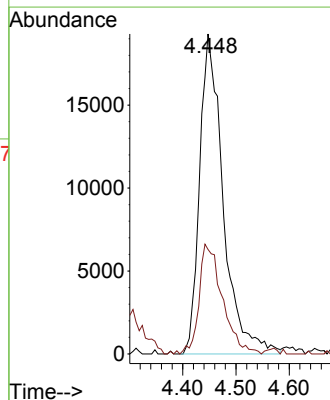
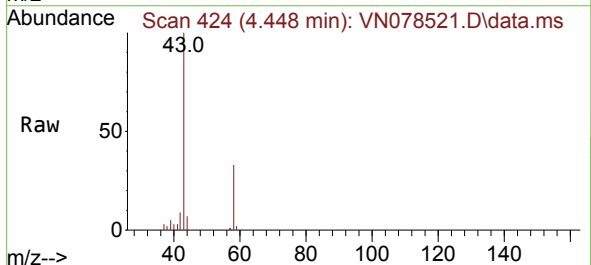
Instrument :
MSVOA_N
ClientSampleId :
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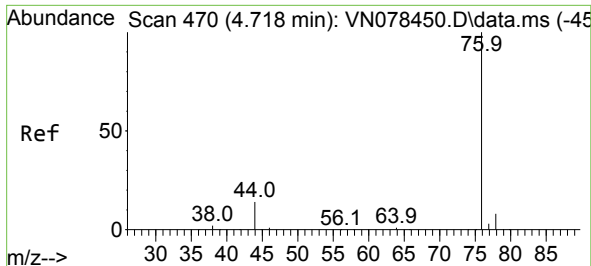
Tgt Ion: 53 Resp: 1117
Ion Ratio Lower Upper
53 100
52 11.5 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 34.548 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion: 43 Resp: 59147
Ion Ratio Lower Upper
43 100
58 32.7 28.0 42.0

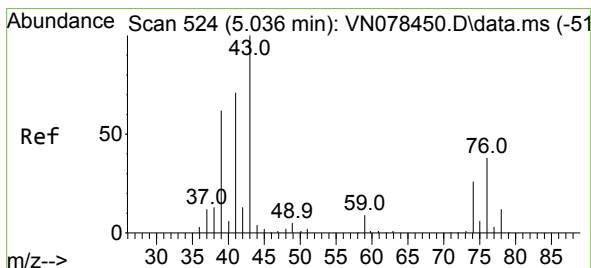
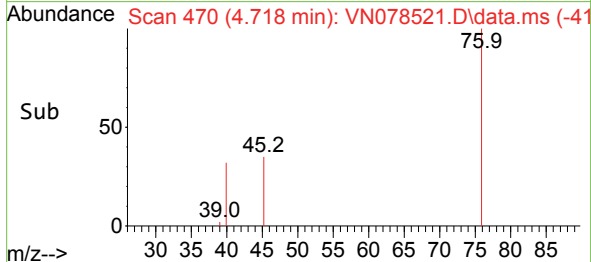
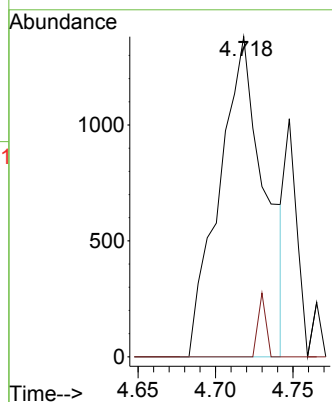
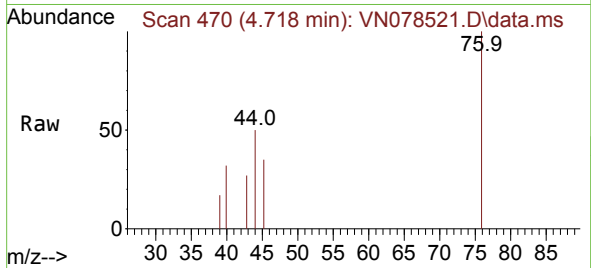




#17
Carbon Disulfide
Concen: 0.224 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

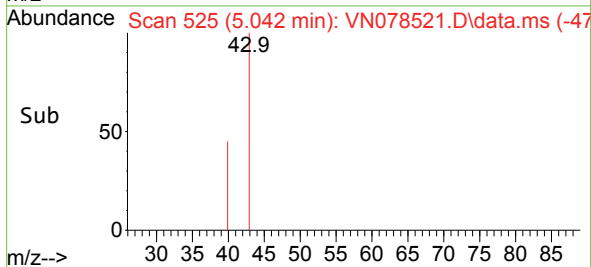
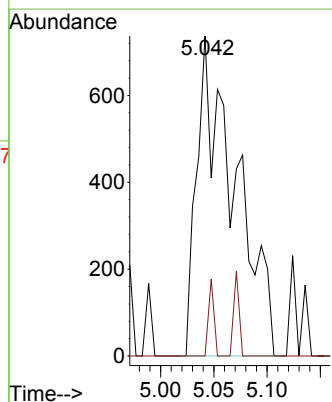
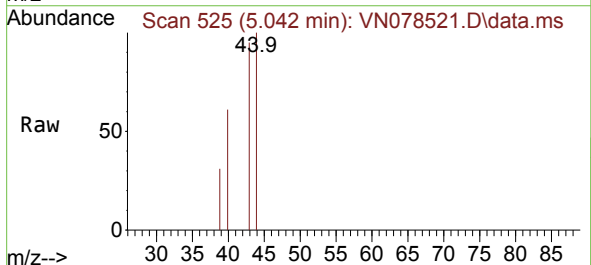
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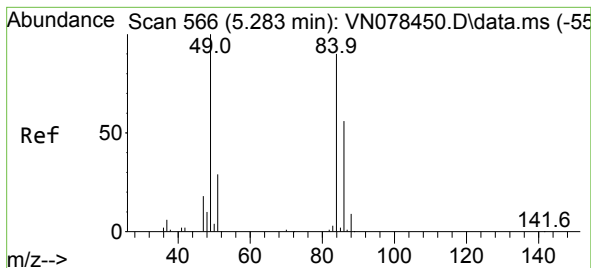
Tgt Ion: 76 Resp: 2800
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
74 3.4 26.2 39.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.283 min Scan# 50

Delta R.T. -0.000 min

Lab File: VN078521.D

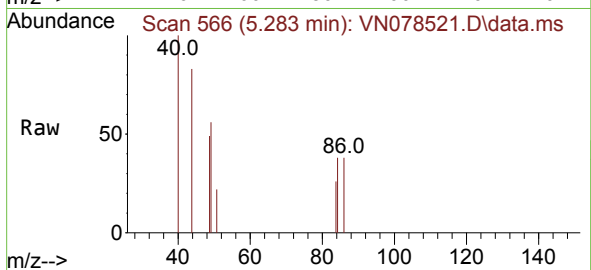
Acq: 14 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 84 Resp: 703

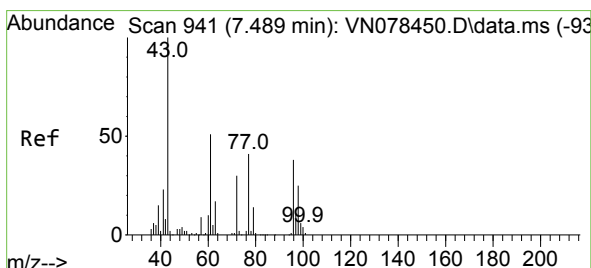
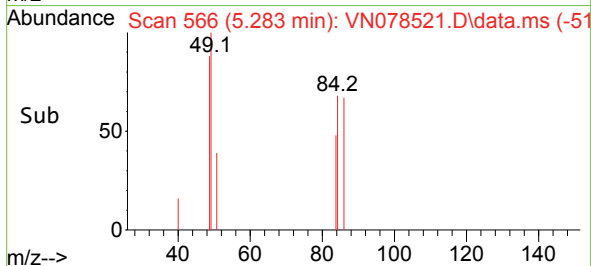
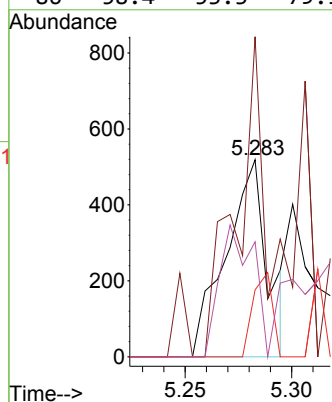
Ion Ratio Lower Upper

84 100

49 120.0 79.7 119.5#

51 33.9 25.2 37.8

86 58.4 53.3 79.9



#25

2-Butanone

Concen: 7.938 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.011 min

Lab File: VN078521.D

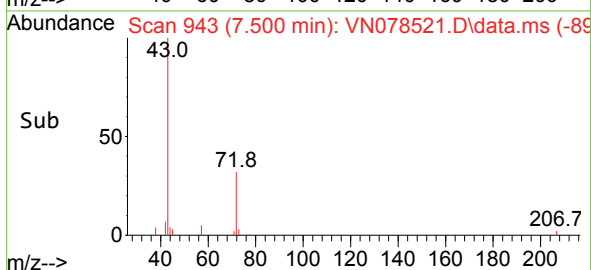
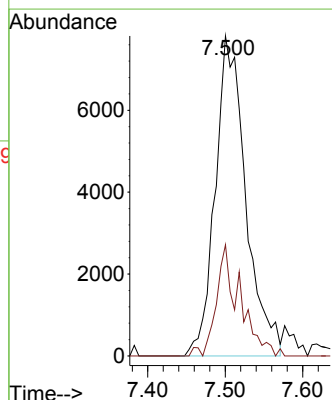
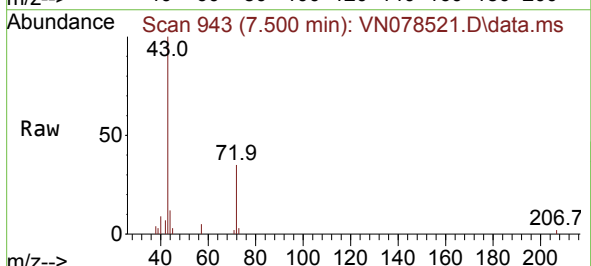
Acq: 14 Jul 2023 14:46

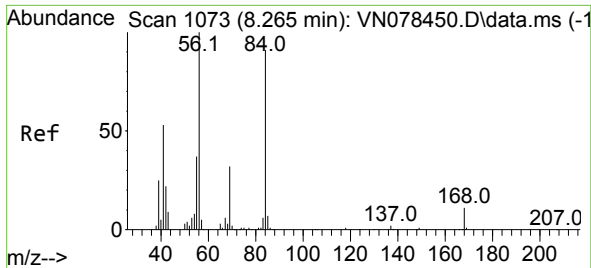
Tgt Ion: 43 Resp: 21393

Ion Ratio Lower Upper

43 100

72 34.8 30.2 45.2

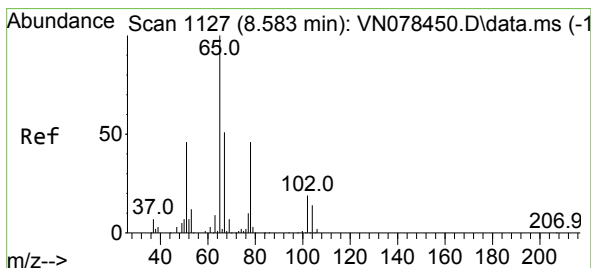
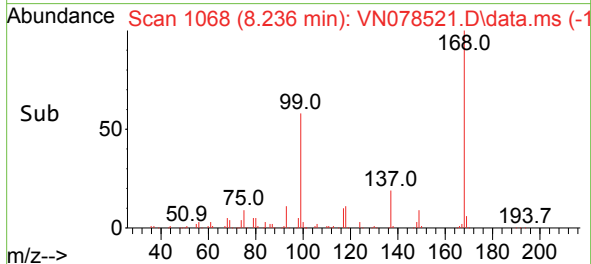
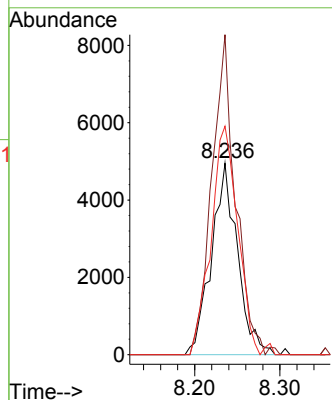
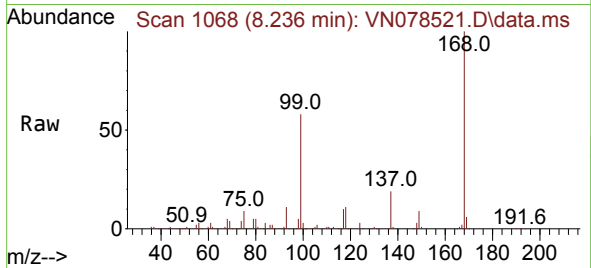




#31
Cyclohexane
Concen: 1.417 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. -0.029 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

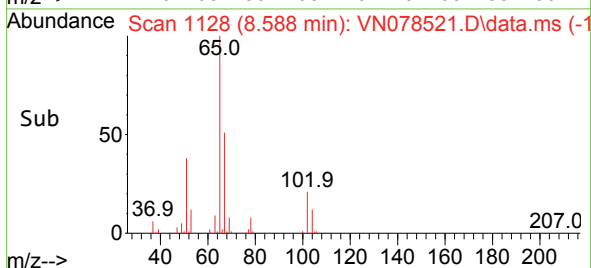
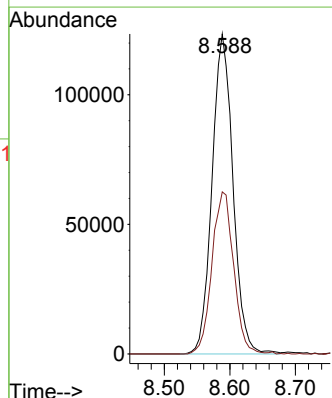
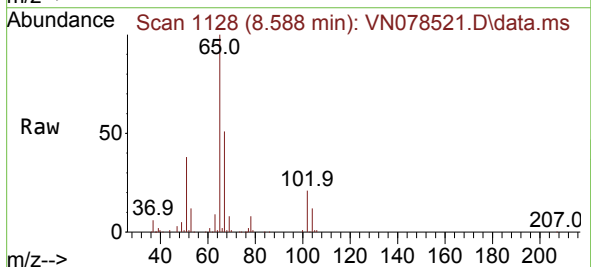
Instrument :
MSVOA_N
ClientSampleId :
713-B

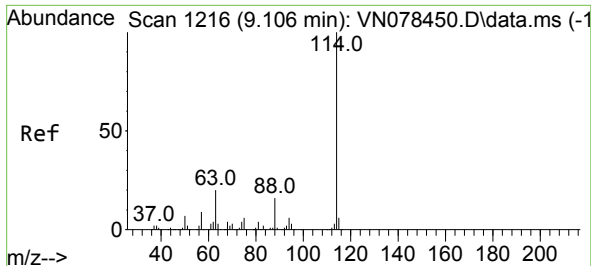
Tgt Ion: 56 Resp: 10526
Ion Ratio Lower Upper
56 100
69 167.1 26.8 40.2#
84 119.3 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 49.855 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion: 65 Resp: 274005
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

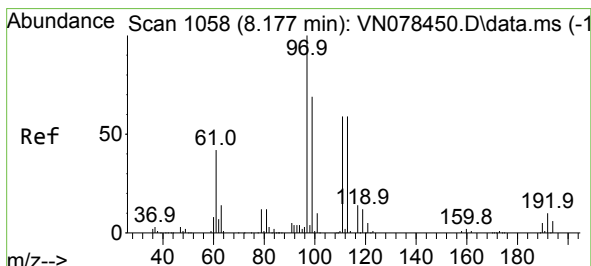
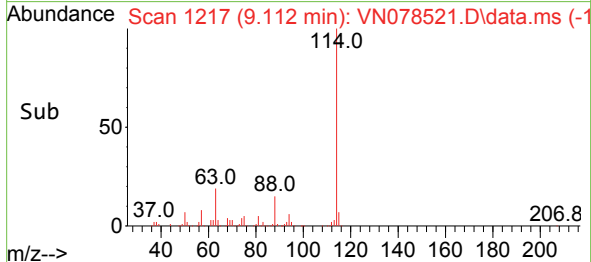
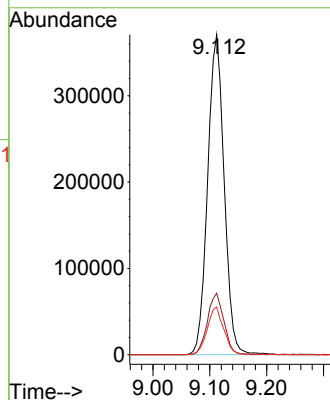
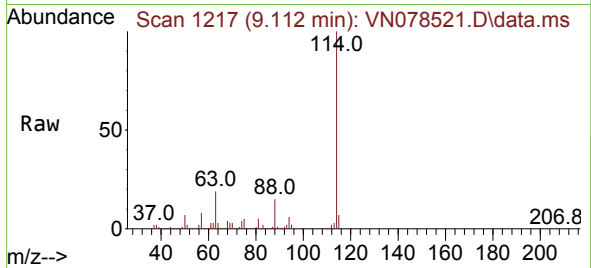




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

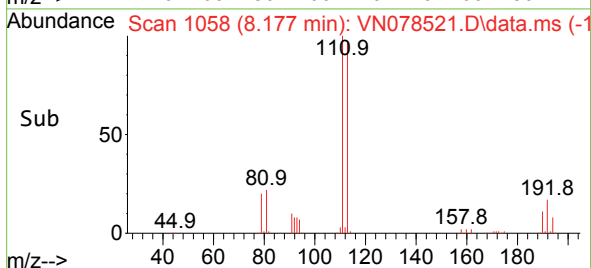
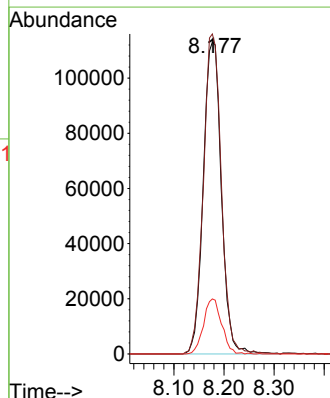
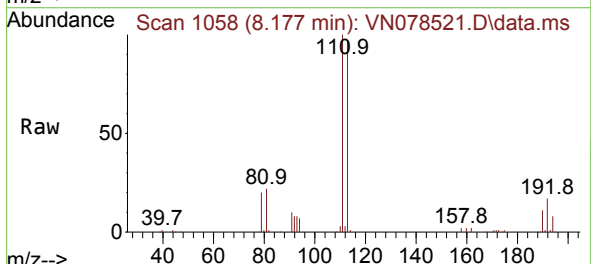
Instrument :
MSVOA_N
ClientSampleId :
713-B

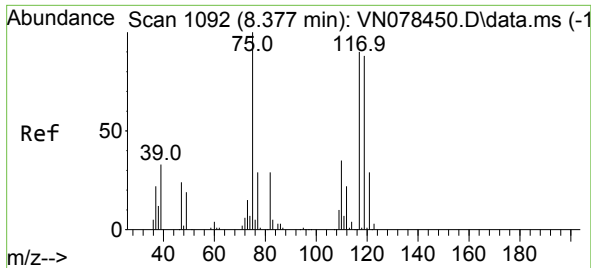
Tgt Ion:114 Resp: 746413
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.826 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion:113 Resp: 282862
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 17.7 12.7 19.1

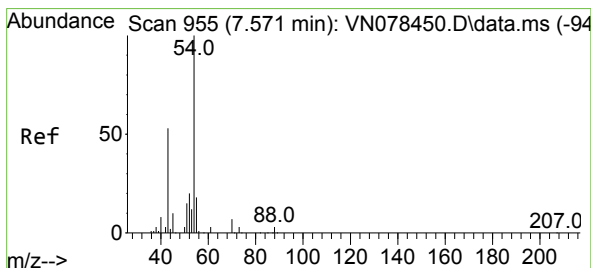
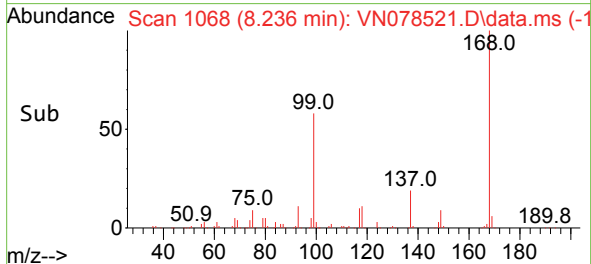
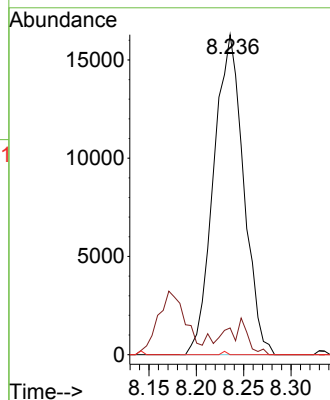
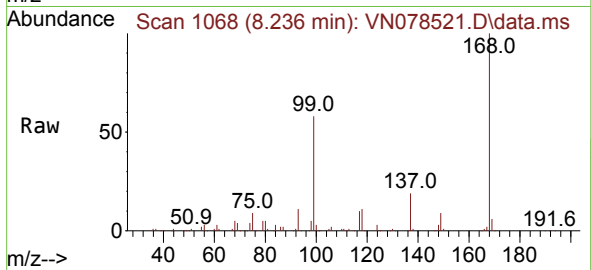




#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

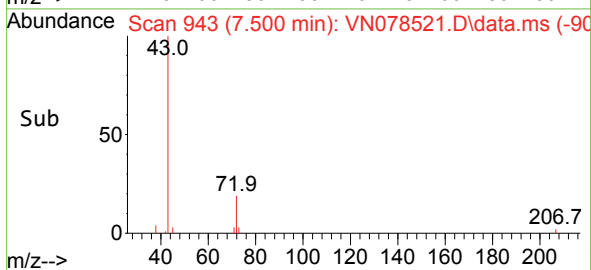
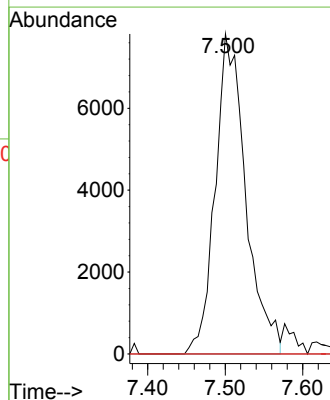
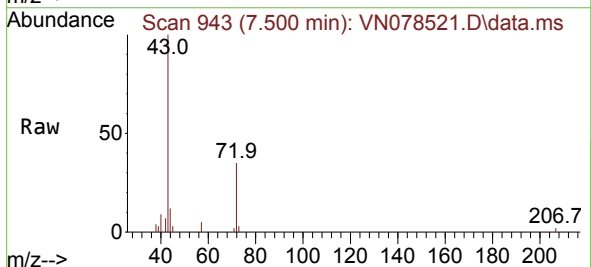
Instrument :
MSVOA_N
ClientSampleId :
713-B

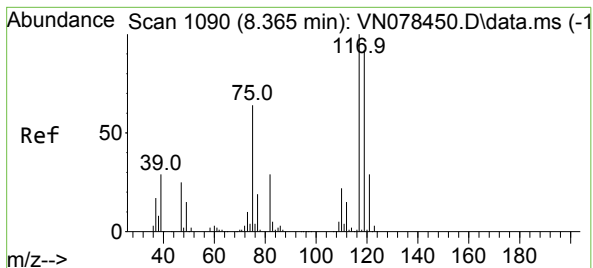
Tgt Ion: 75 Resp: 35829
Ion Ratio Lower Upper
75 100
110 2.9 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 3.508 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.071 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion: 43 Resp: 21393
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.308 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

713-B

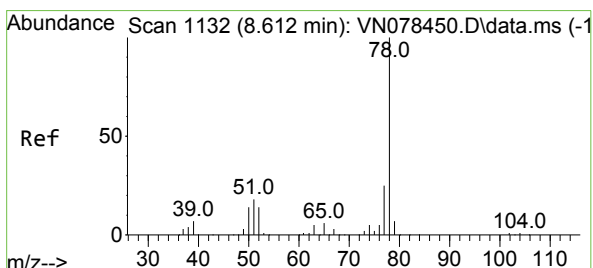
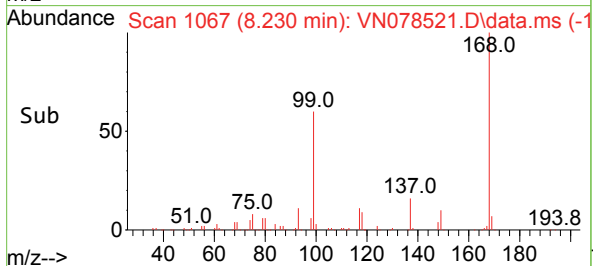
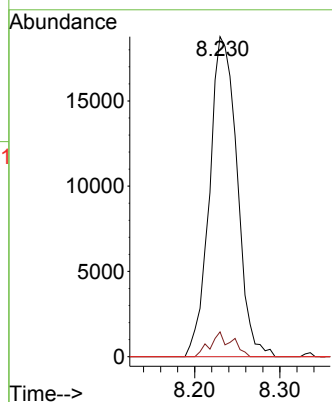
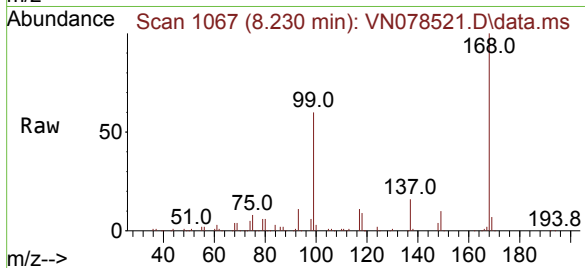
Tgt Ion:117 Resp: 42210

Ion Ratio Lower Upper

117 100

119 7.8 77.3 115.9#

121 0.0 23.3 34.9#



#40

Benzene

Concen: 4.883 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078521.D

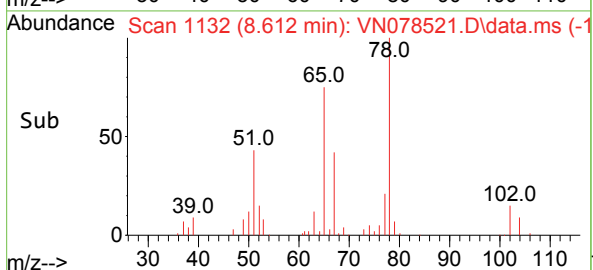
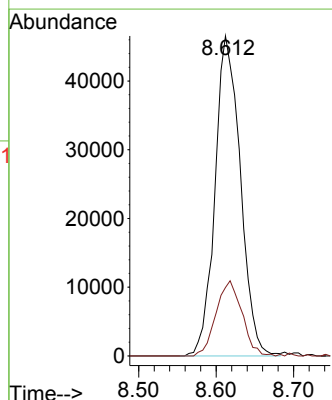
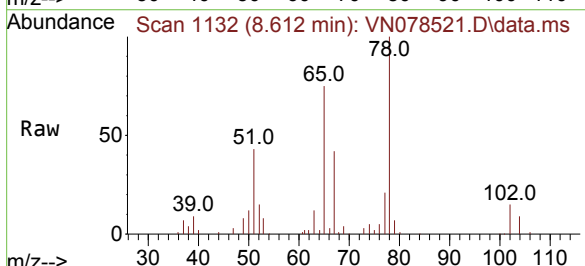
Acq: 14 Jul 2023 14:46

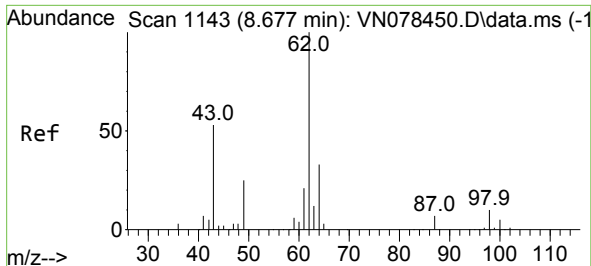
Tgt Ion: 78 Resp: 105829

Ion Ratio Lower Upper

78 100

77 21.4 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.216 ug/l

RT: 8.618 min Scan# 1151

Delta R.T. -0.059 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

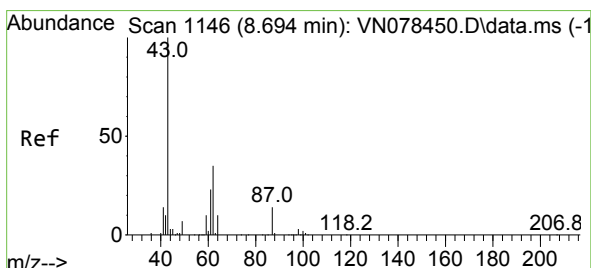
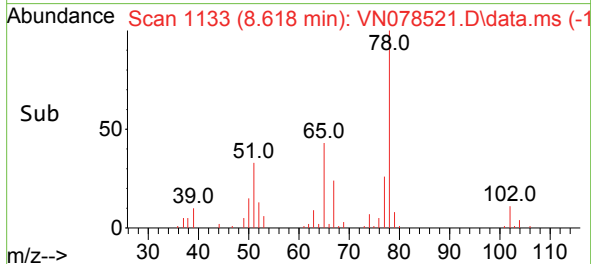
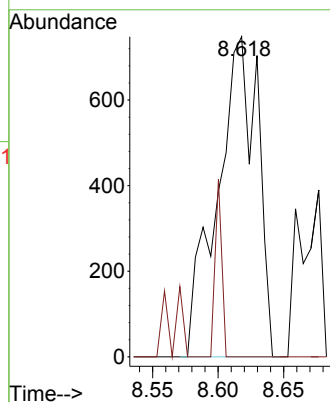
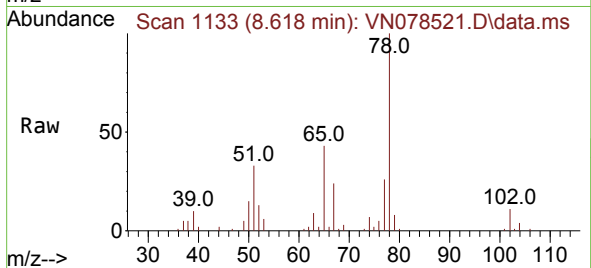
713-B

Tgt Ion: 62 Resp: 1596

Ion Ratio Lower Upper

62 100

98 9.1 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.837 ug/l

RT: 8.724 min Scan# 1151

Delta R.T. 0.030 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

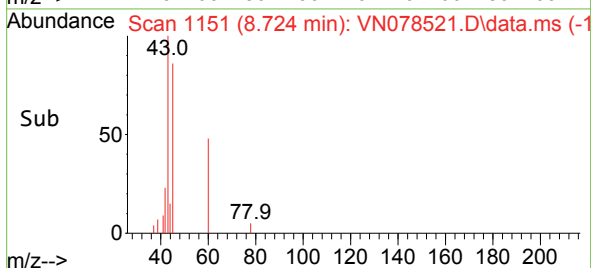
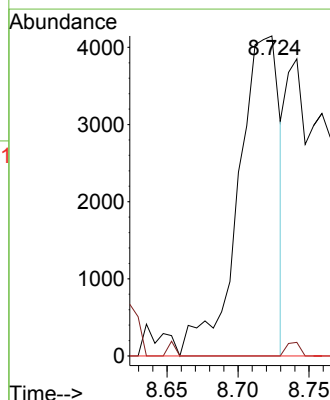
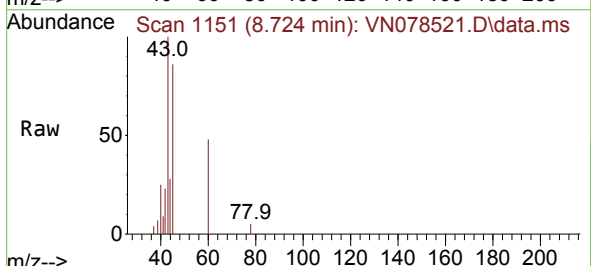
Tgt Ion: 43 Resp: 8400

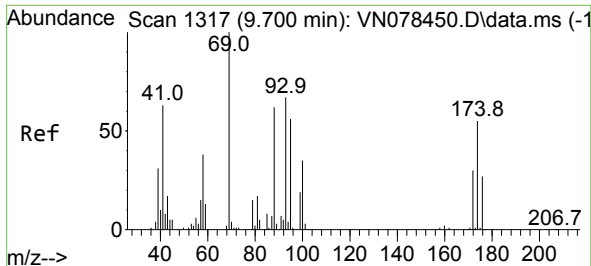
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#





#49

1,4-Dioxane

Concen: 33.781 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

713-B

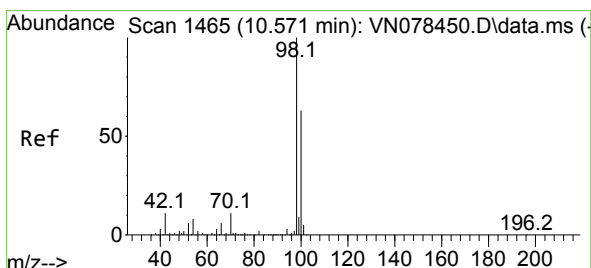
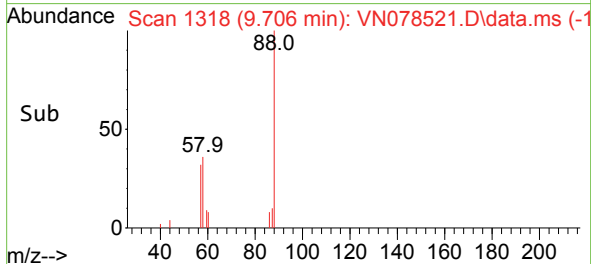
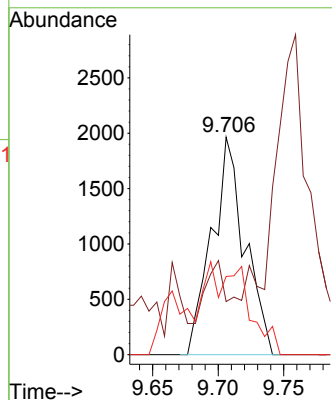
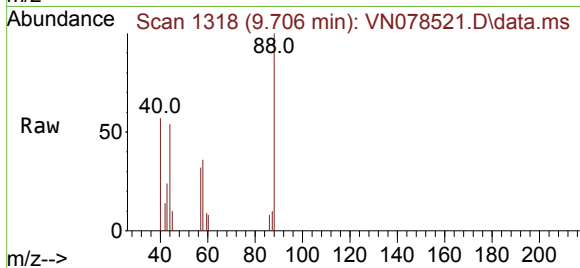
Tgt Ion: 88 Resp: 3427

Ion Ratio Lower Upper

88 100

43 31.4 17.0 25.6#

58 10.8 47.0 70.4#



#50

Toluene-d8

Concen: 45.012 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN078521.D

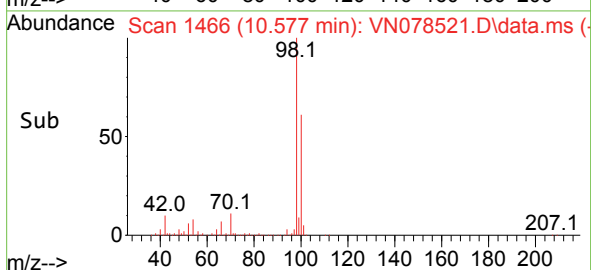
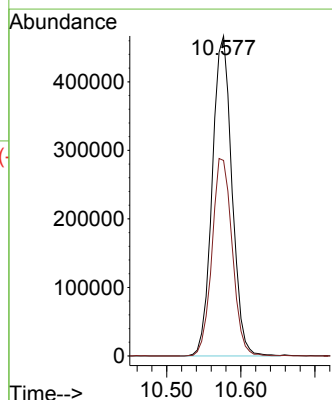
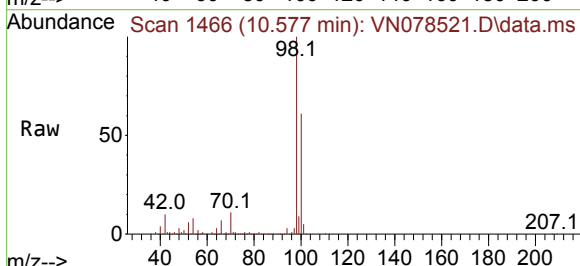
Acq: 14 Jul 2023 14:46

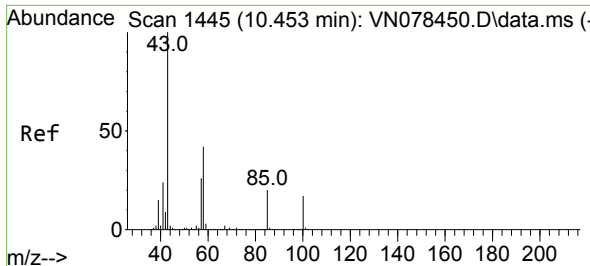
Tgt Ion: 98 Resp: 861573

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

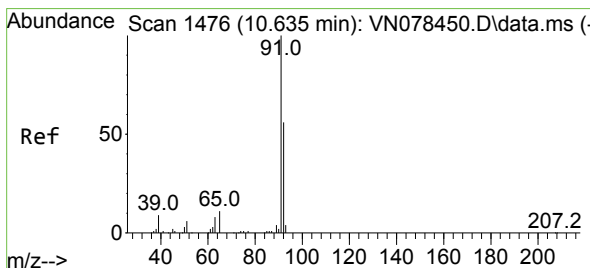
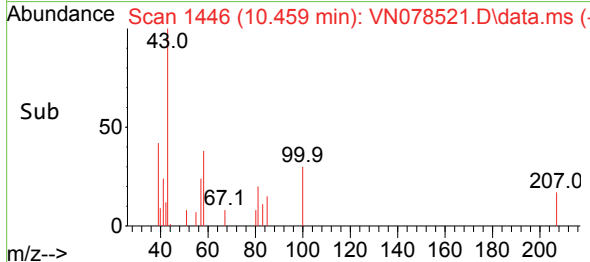
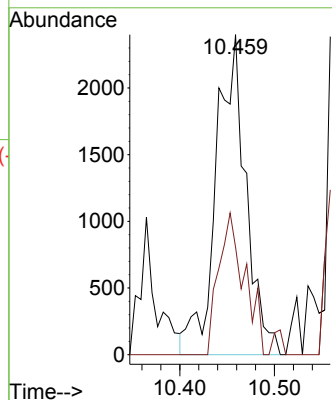
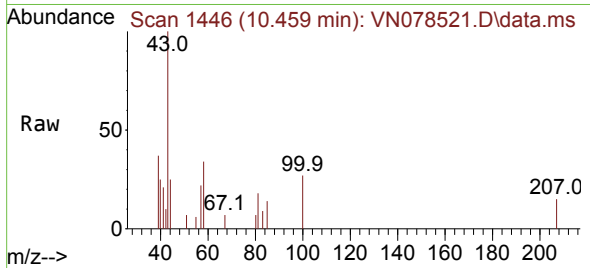




#51
4-Methyl-2-Pentanone
Concen: 0.881 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

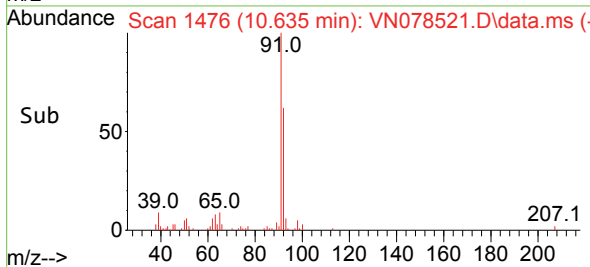
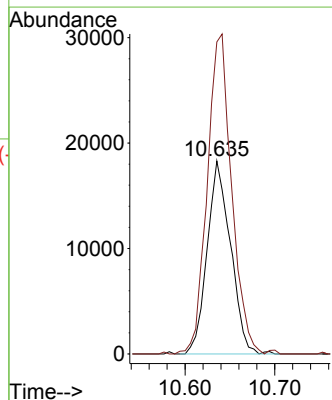
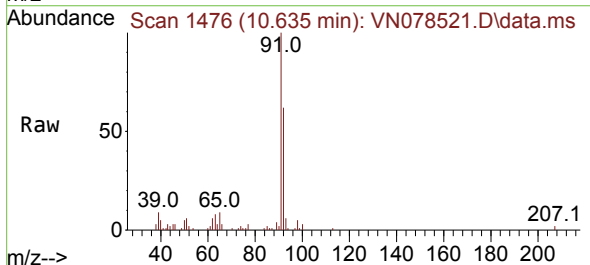
Instrument :
MSVOA_N
ClientSampleId :
713-B

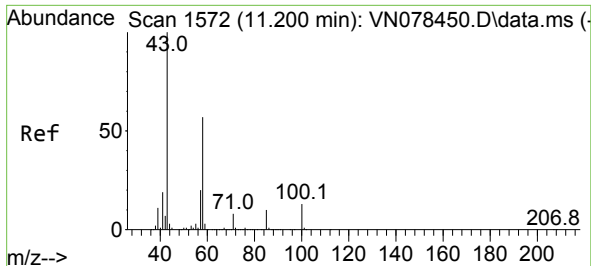
Tgt Ion: 43 Resp: 5262
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8



#52
Toluene
Concen: 2.466 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion: 92 Resp: 33124
Ion Ratio Lower Upper
92 100
91 172.9 137.4 206.0

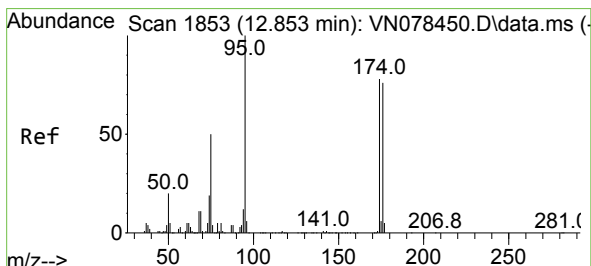
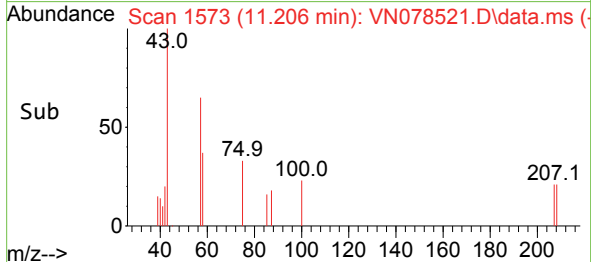
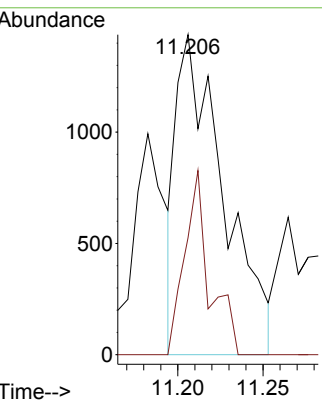
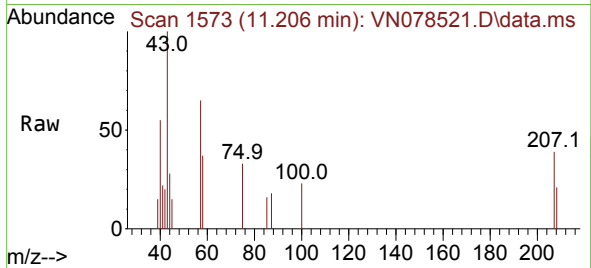




#59
2-Hexanone
Concen: 0.657 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

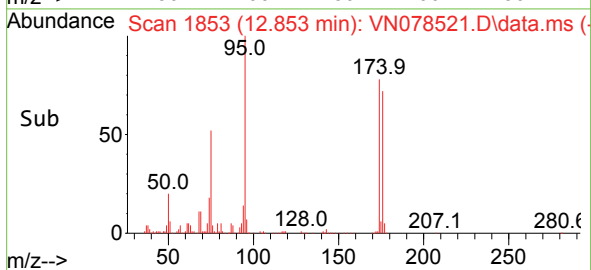
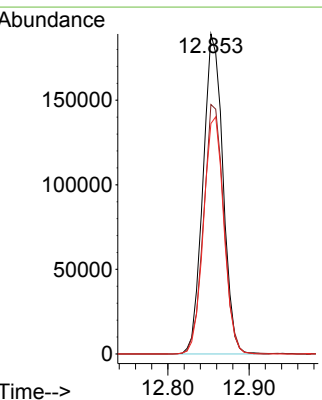
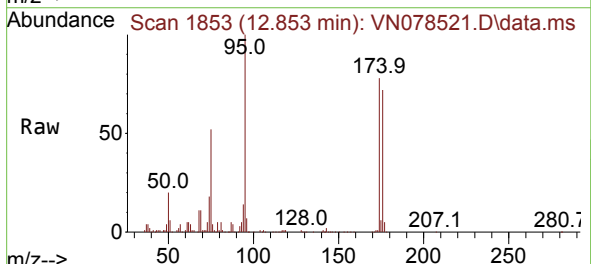
Instrument :
MSVOA_N
ClientSampleId :
713-B

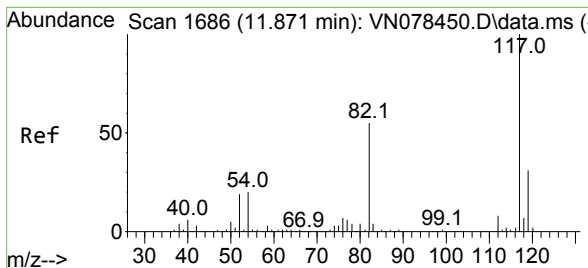
Tgt Ion: 43 Resp: 2787
Ion Ratio Lower Upper
43 100
58 30.2 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 54.669 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion: 95 Resp: 322321
Ion Ratio Lower Upper
95 100
174 79.4 0.0 143.8
176 75.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

713-B

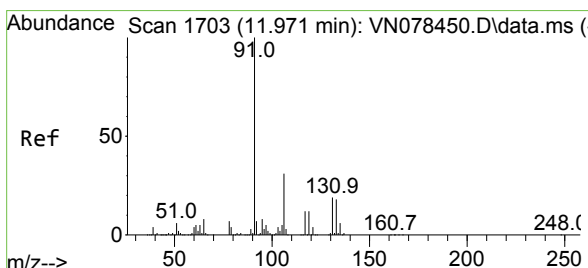
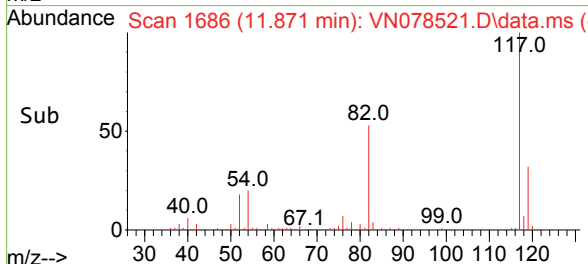
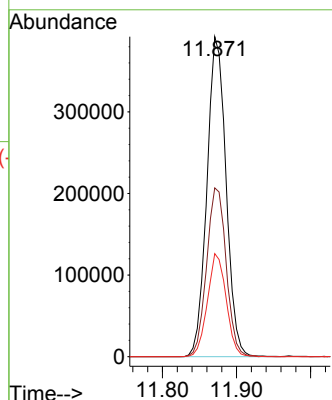
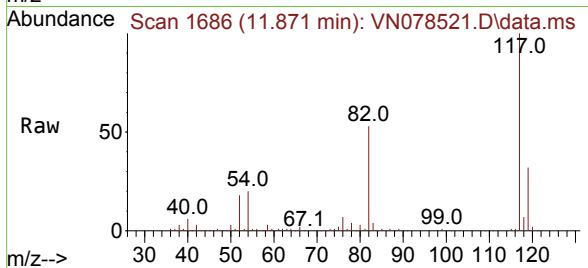
Tgt Ion:117 Resp: 703338

Ion Ratio Lower Upper

117 100

82 52.7 44.0 66.0

119 32.2 25.6 38.4



#67

Ethyl Benzene

Concen: 0.496 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN078521.D

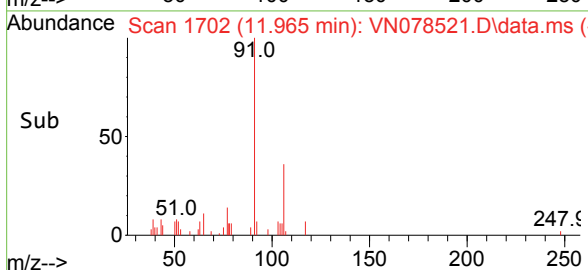
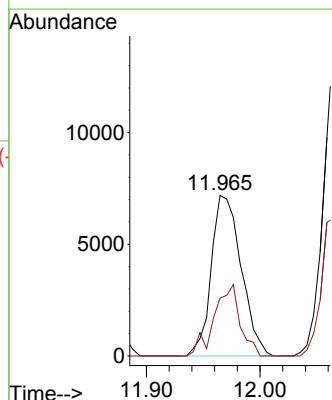
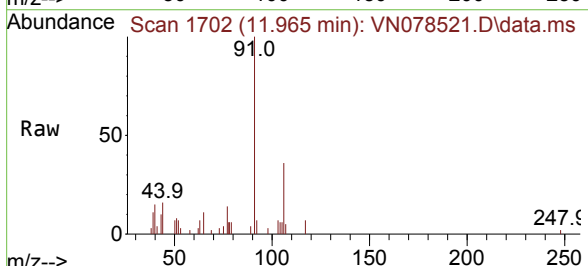
Acq: 14 Jul 2023 14:46

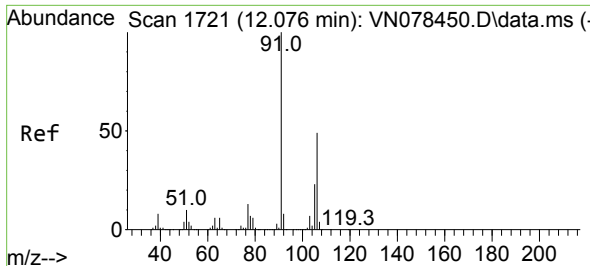
Tgt Ion: 91 Resp: 13170

Ion Ratio Lower Upper

91 100

106 36.0 25.6 38.4

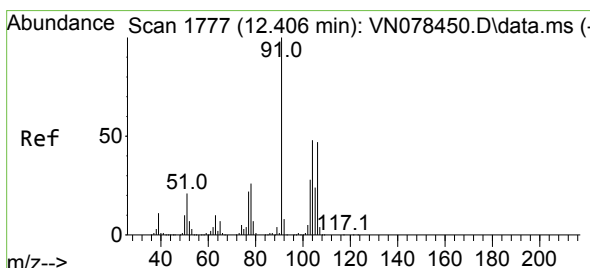
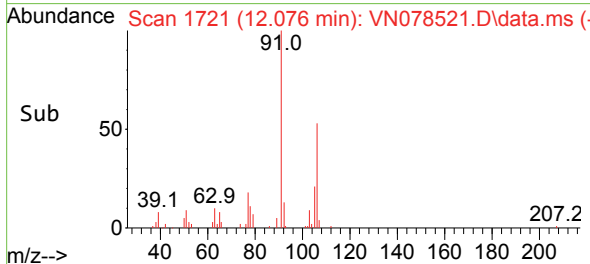
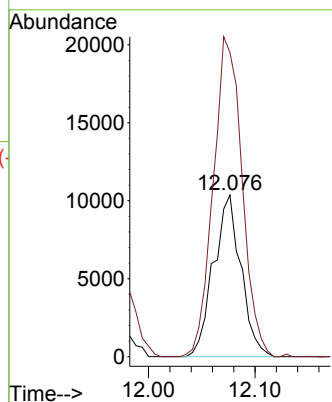
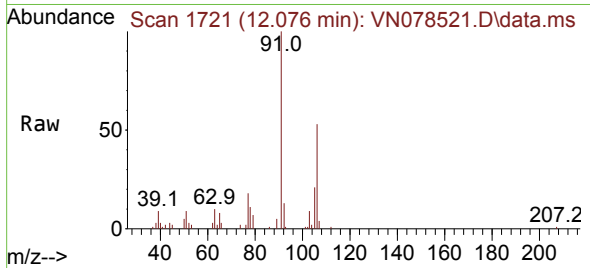




#68
m/p-Xylenes
Concen: 1.882 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

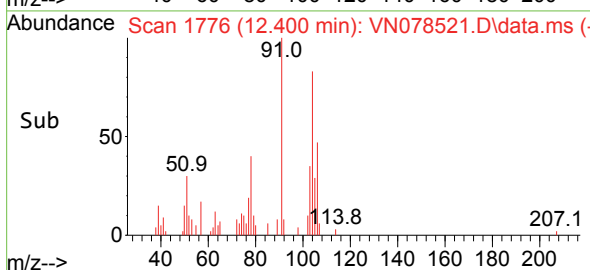
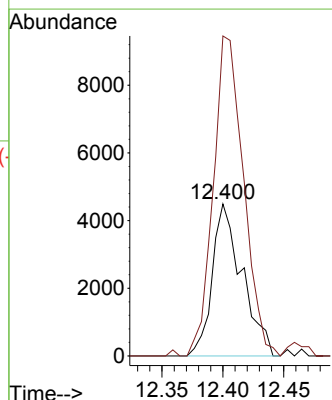
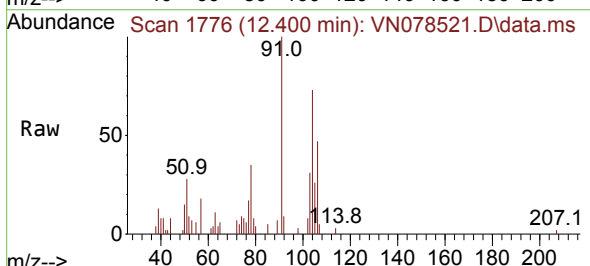
Instrument :
MSVOA_N
ClientSampleId :
713-B

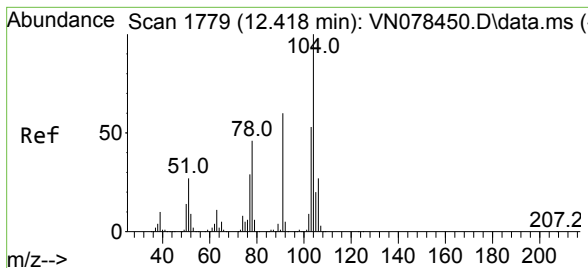
Tgt Ion:106 Resp: 18490
Ion Ratio Lower Upper
106 100
91 208.5 159.6 239.4



#69
o-Xylene
Concen: 0.772 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion:106 Resp: 7662
Ion Ratio Lower Upper
106 100
91 214.4 105.2 315.5





#70

Styrene

Concen: 2.801 ug/l

RT: 12.418 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

713-B

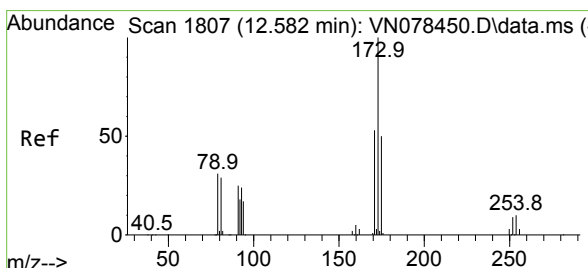
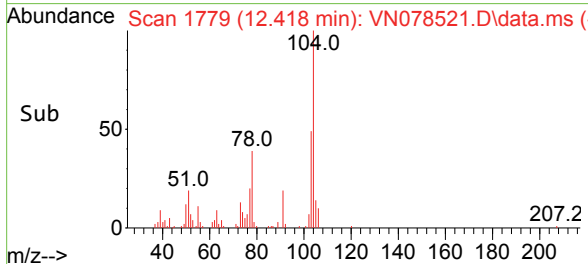
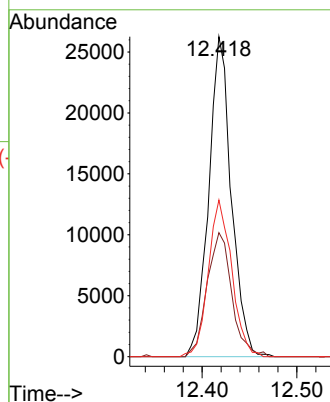
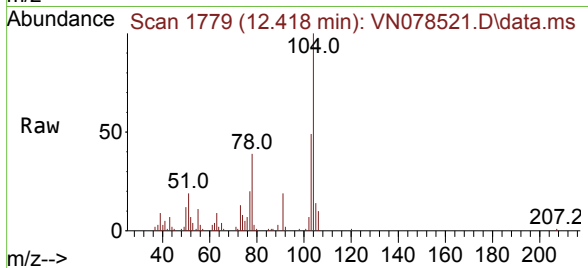
Tgt Ion:104 Resp: 43485

Ion Ratio Lower Upper

104 100

78 42.5 39.5 59.3

103 50.9 43.2 64.8



#71

Bromoform

Concen: 0.546 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

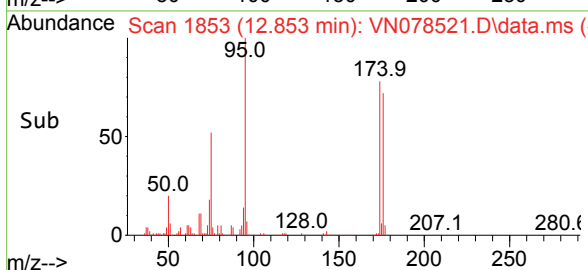
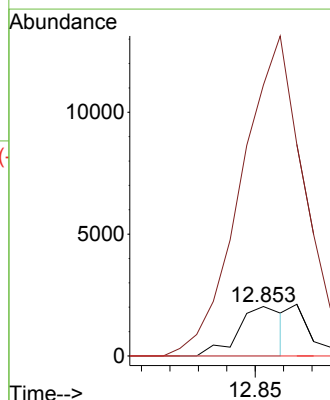
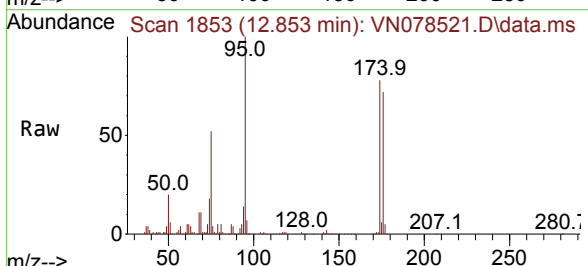
Tgt Ion:173 Resp: 2236

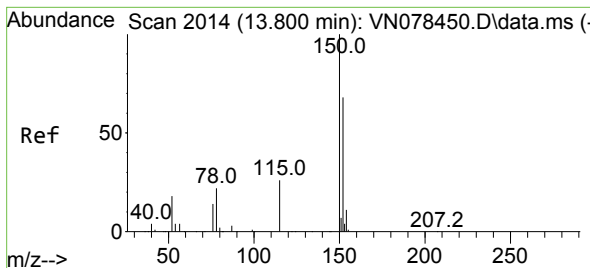
Ion Ratio Lower Upper

173 100

175 0.0 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# 20

Delta R.T. -0.000 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

713-B

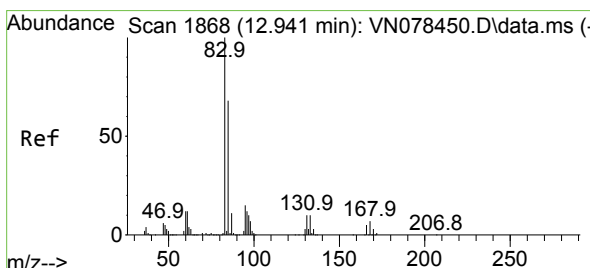
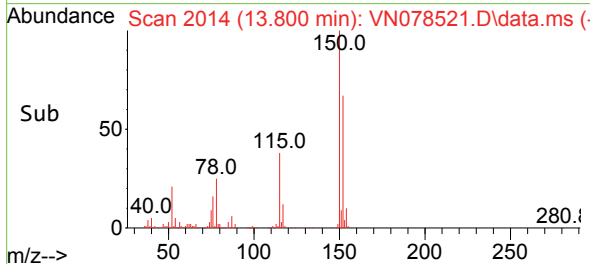
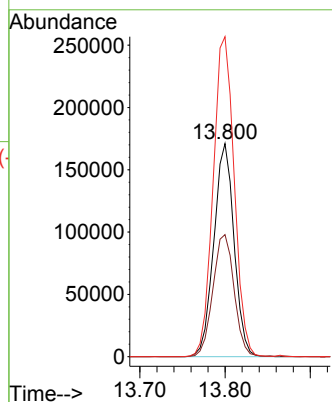
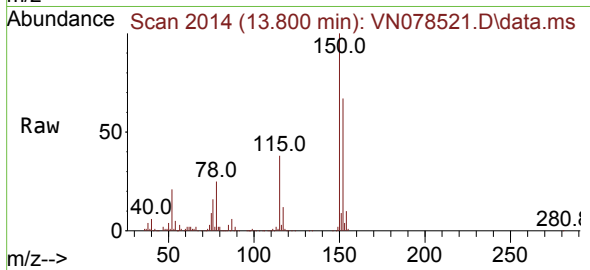
Tgt Ion:152 Resp: 281690

Ion Ratio Lower Upper

152 100

115 60.1 32.3 96.8

150 156.3 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

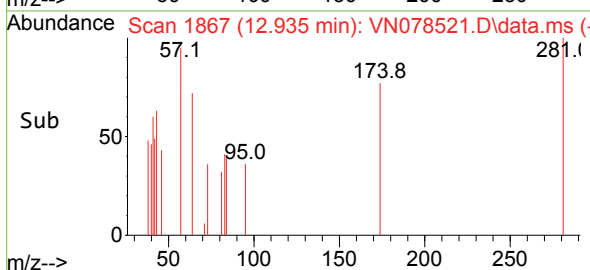
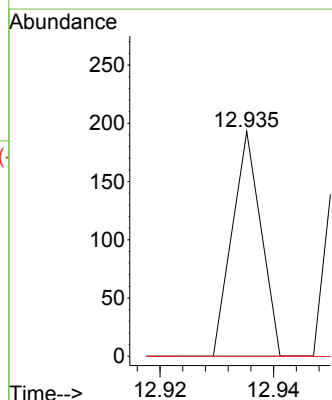
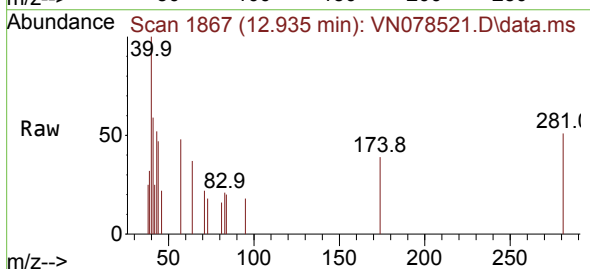
Tgt Ion: 83 Resp: 68

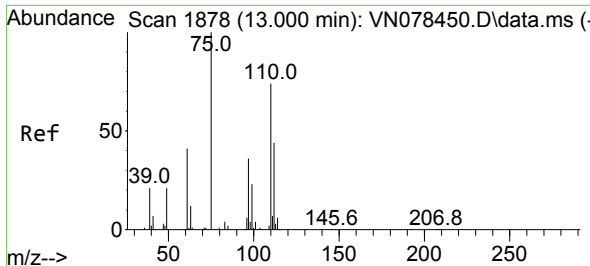
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#

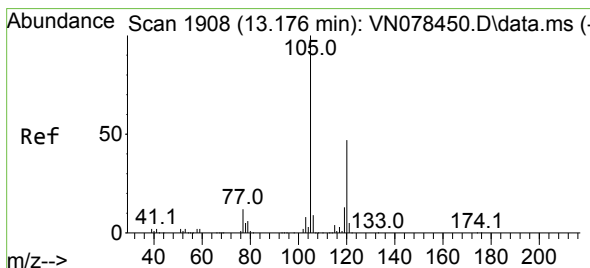
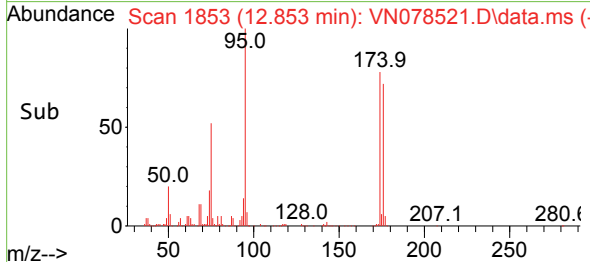
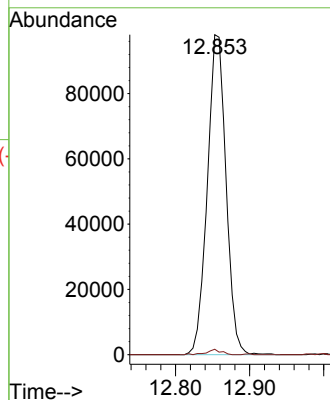
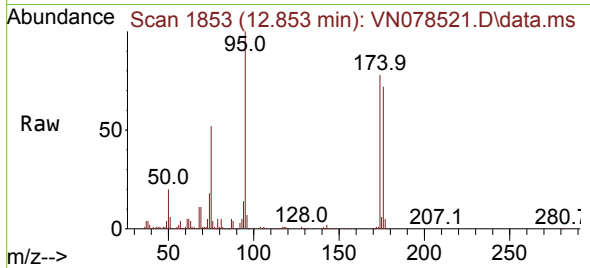




#76
 1,2,3-Trichloropropane
 Concen: 25.257 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN078521.D
 Acq: 14 Jul 2023 14:46

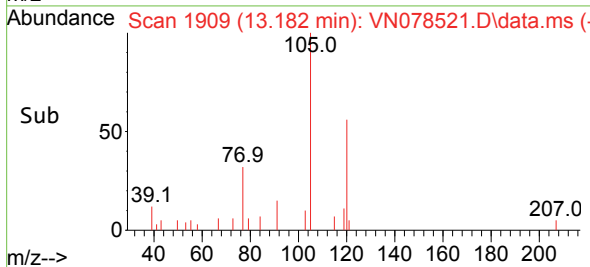
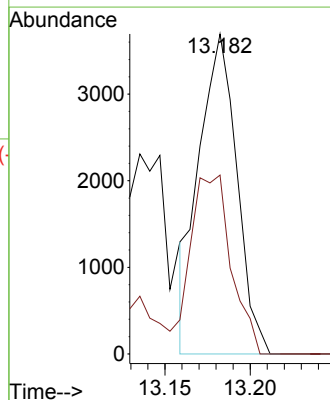
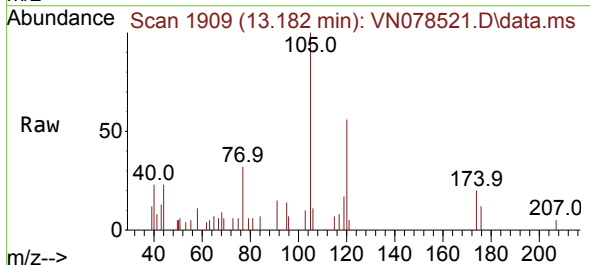
Instrument :
 MSVOA_N
 ClientSampleId :
 713-B

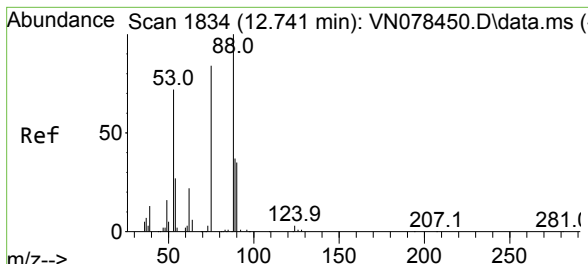
Tgt Ion: 75 Resp: 171971
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.272 ug/l
 RT: 13.182 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VN078521.D
 Acq: 14 Jul 2023 14:46

Tgt Ion: 105 Resp: 5694
 Ion Ratio Lower Upper
 105 100
 120 60.2 24.1 72.3

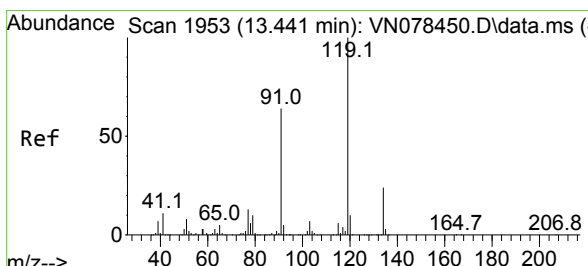
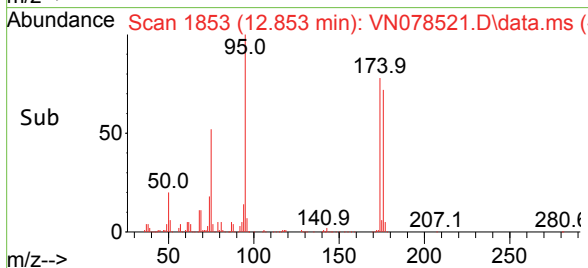
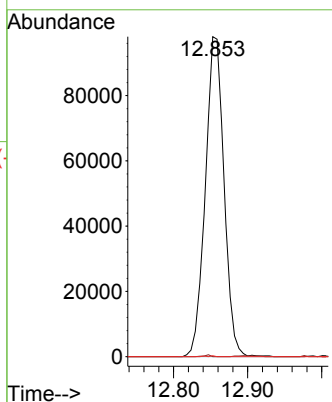
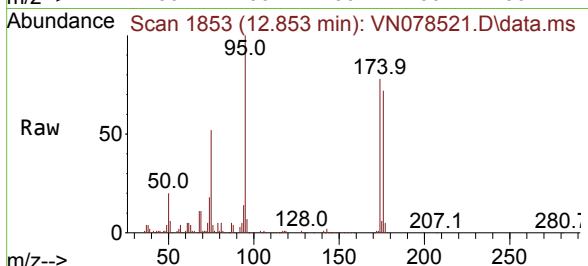




#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.371 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN078521.D
 Acq: 14 Jul 2023 14:46

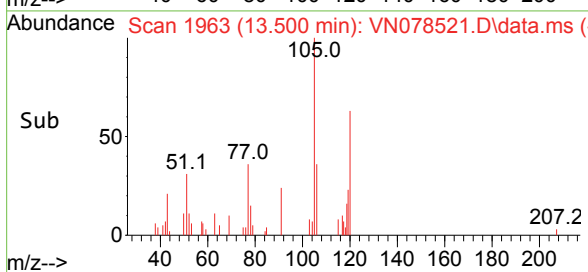
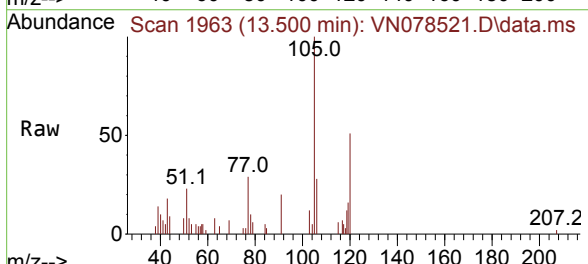
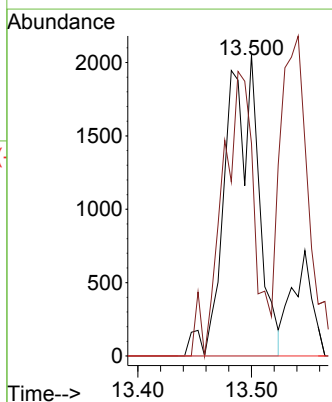
Instrument :
 MSVOA_N
 ClientSampleId :
 713-B

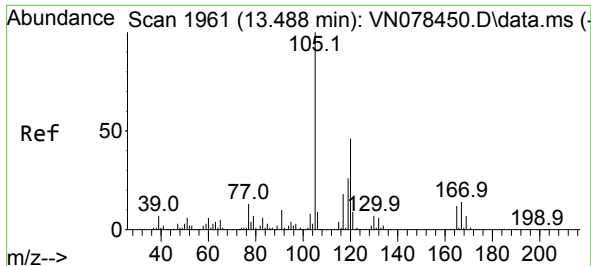
Tgt Ion:	75	Resp:	171971
Ion	Ratio	Lower	Upper
75	100		
53	0.2	67.4	101.2#
89	0.1	38.8	58.2#



#83
 tert-Butylbenzene
 Concen: 0.232 ug/l
 RT: 13.500 min Scan# 1963
 Delta R.T. 0.059 min
 Lab File: VN078521.D
 Acq: 14 Jul 2023 14:46

Tgt Ion:	119	Resp:	4113
Ion	Ratio	Lower	Upper
119	100		
91	92.4	33.9	101.7
134	0.0	13.2	39.6#

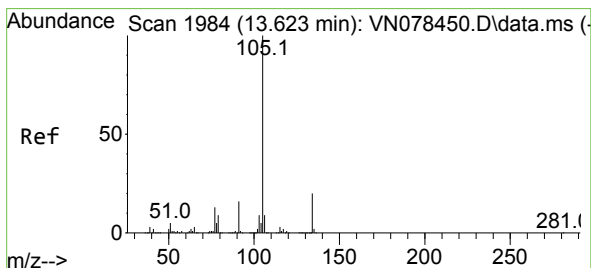
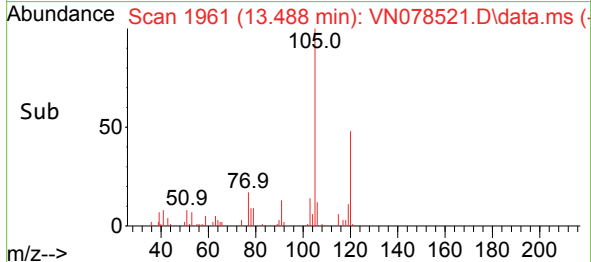
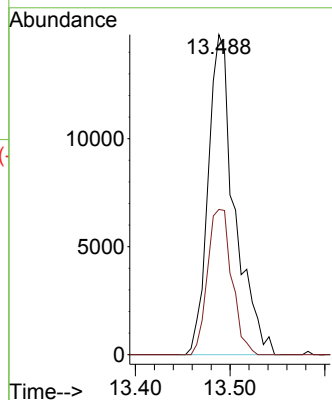
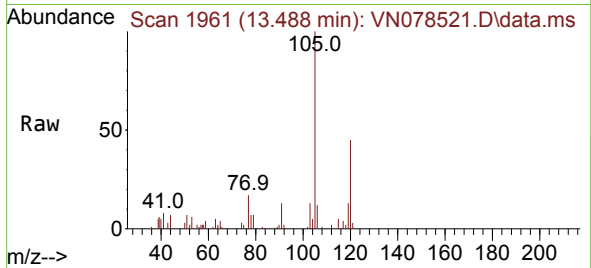




#84
1,2,4-Trimethylbenzene
Concen: 1.414 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

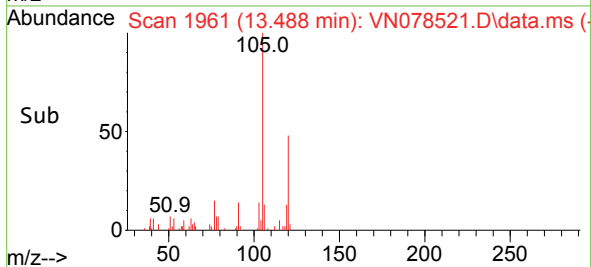
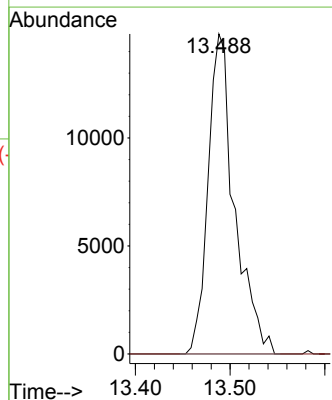
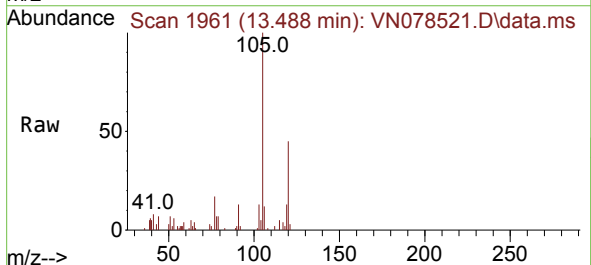
Instrument :
MSVOA_N
ClientSampleId :
713-B

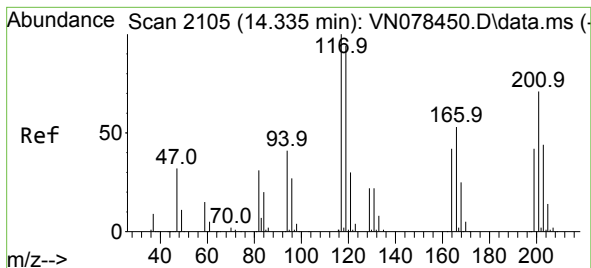
Tgt Ion:105 Resp: 28717
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0



#85
sec-Butylbenzene
Concen: 1.280 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.135 min
Lab File: VN078521.D
Acq: 14 Jul 2023 14:46

Tgt Ion:105 Resp: 28717
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#





#90

Hexachloroethane

Concen: Below Cal

RT: 14.341 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

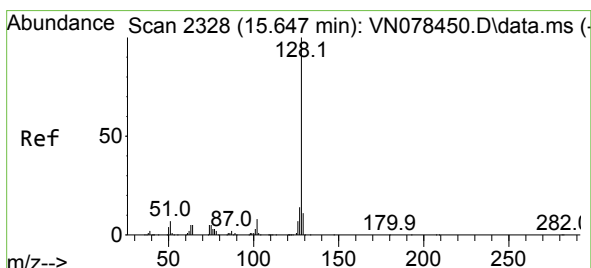
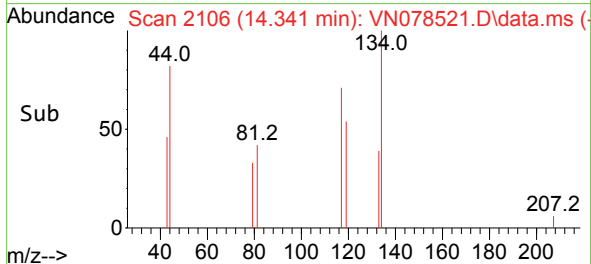
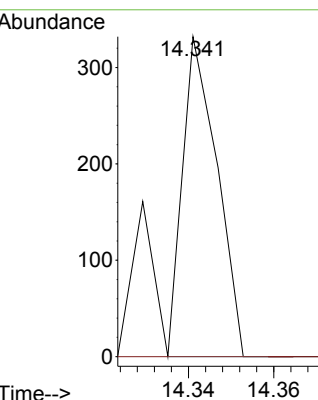
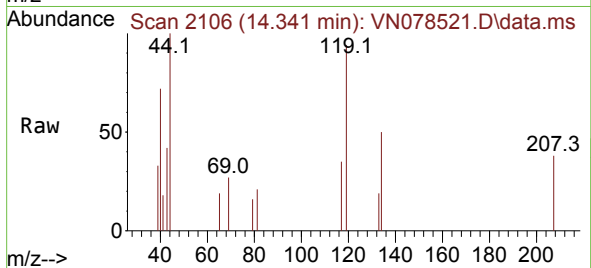
713-B

Tgt Ion:117 Resp: 186

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#95

Naphthalene

Concen: 0.261 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN078521.D

Acq: 14 Jul 2023 14:46

Tgt Ion:128 Resp: 2884

Ion Ratio Lower Upper

128 100

127 8.5 10.0 15.0#

129 14.1 8.7 13.1#

