

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078703.D
 Acq On : 31 Jul 2023 14:23
 Operator : JC\MD
 Sample : PB154517TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154517TB

Quant Time: Aug 01 01:17:30 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	723297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1281852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1208505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	429018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	469597	48.429	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.860%
35) Dibromofluoromethane	8.177	113	444452	51.077	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.160%
50) Toluene-d8	10.571	98	1638378	49.841	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.853	95	556724	54.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	3052	0.317	ug/l	91
5) Bromomethane	2.977	94	4533	Below Cal		81
6) Chloroethane	3.142	64	743	Below Cal	#	83
10) Methyl Iodide	4.595	142	3372	0.311	ug/l #	79
11) Tert butyl alcohol	5.547	59	1950	1.304	ug/l #	72
13) Acrolein	4.189	56	501	0.341	ug/l #	16
15) Acrylonitrile	5.747	53	2832	0.750	ug/l #	25
16) Acetone	4.448	43	176040	58.282	ug/l	94
17) Carbon Disulfide	4.730	76	7895	0.358	ug/l #	75
18) Methyl Acetate	5.047	43	9968	0.780	ug/l #	74
20) Methylene Chloride	5.289	84	37977	3.240	ug/l	93
25) 2-Butanone	7.494	43	99762	20.982	ug/l #	81
29) Tetrahydrofuran	7.859	42	4569	1.464	ug/l #	54
31) Cyclohexane	8.236	56	15773	1.204	ug/l #	8
36) 1,1-Dichloropropene	8.230	75	56648	4.509	ug/l #	48
37) Ethyl Acetate	7.571	43	36851	3.518	ug/l	98
38) Carbon Tetrachloride	8.230	117	73469	5.380	ug/l #	15
42) 1,2-Dichloroethane	8.694	62	5188	0.410	ug/l #	73
43) Isopropyl Acetate	8.694	43	566882	32.874	ug/l #	86
48) Methyl methacrylate	9.677	41	13148	1.646	ug/l #	34
49) 1,4-Dioxane	9.712	88	347	1.992	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	422477	41.190	ug/l	92
54) cis-1,3-Dichloropropene	10.365	75	235374	16.205	ug/l #	61
57) 1,3-Dichloropropane	11.212	76	29119	1.884	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.165	63	2215	0.489	ug/l #	64
59) 2-Hexanone	11.177	43	522360	71.658	ug/l #	19
65) Chlorobenzene	11.900	112	6264	0.232	ug/l	97
68) m/p-Xylenes	12.082	106	3399	0.201	ug/l #	40
74) N-amyl acetate	12.488	43	8565	0.617	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.935	83	2219	Below Cal	#	72
76) 1,2,3-Trichloropropane	12.853	75	277992	26.808	ug/l #	1
77) Bromobenzene	12.988	156	1843	Below Cal		43
80) 1,3,5-Trimethylbenzene	13.176	105	6968	0.219	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.853	75	277992	70.445	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.488	105	7015	0.227	ug/l	87
85) sec-Butylbenzene	13.618	105	7190	0.210	ug/l	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078703.D
 Acq On : 31 Jul 2023 14:23
 Operator : JC\MD
 Sample : PB154517TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154517TB

Quant Time: Aug 01 01:17:30 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)

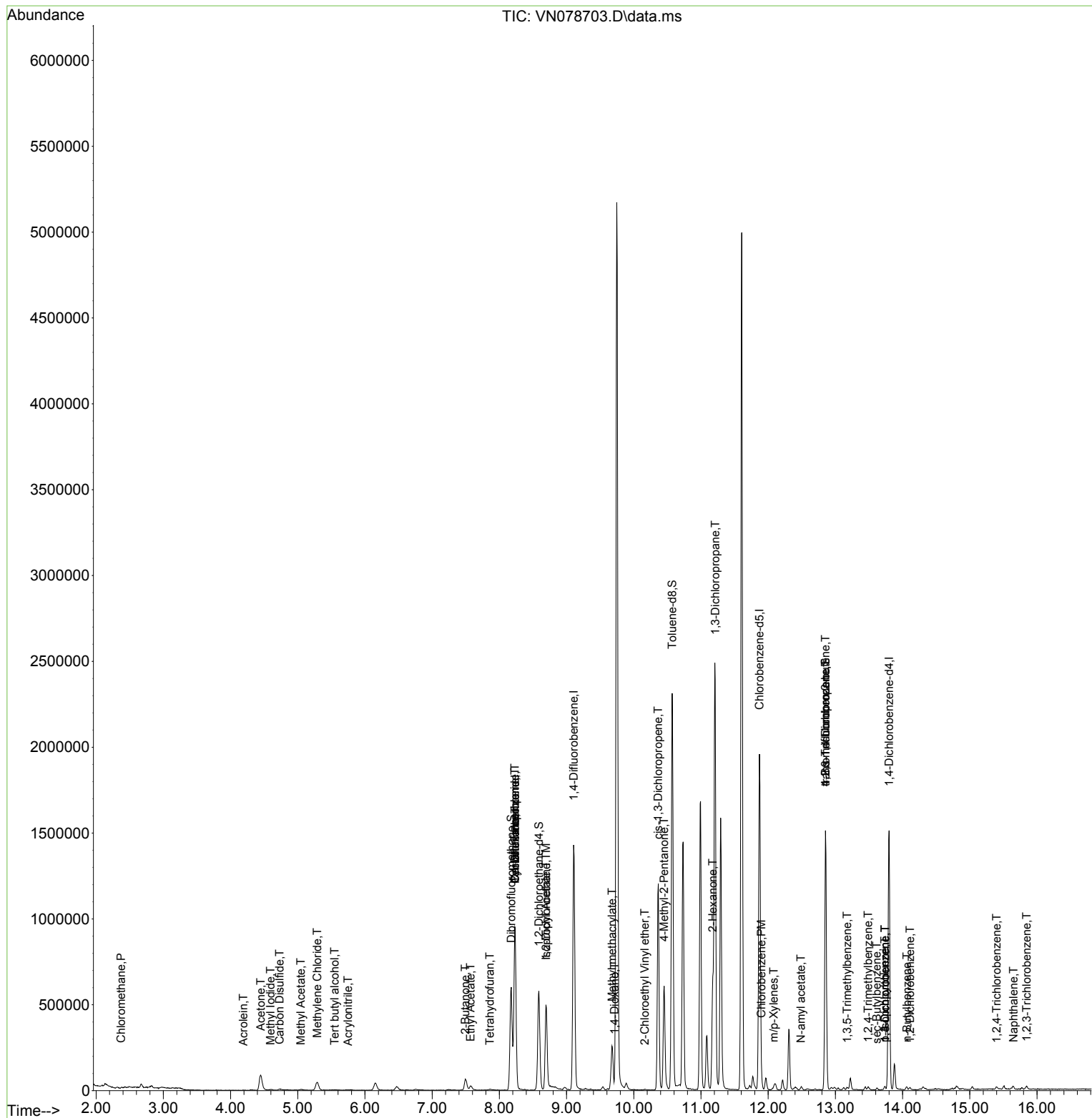
86) p-Isopropyltoluene	13.735	119	6470	0.236	ug/l	88
87) 1,3-Dichlorobenzene	13.741	146	5487	0.355	ug/l	97
88) 1,4-Dichlorobenzene	13.741	146	5487	0.352	ug/l	94
89) n-Butylbenzene	14.065	91	10327	0.526	ug/l	94
90) Hexachloroethane	14.329	117	751	Below Cal	#	49
91) 1,2-Dichlorobenzene	14.112	146	5270	0.342	ug/l	80
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1529	Below Cal		68
93) 1,2,4-Trichlorobenzene	15.400	180	4661	0.948	ug/l	93
94) Hexachlorobutadiene	15.500	225	3728	Below Cal		77
95) Naphthalene	15.653	128	14732	0.877	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	6699	1.185	ug/l	86

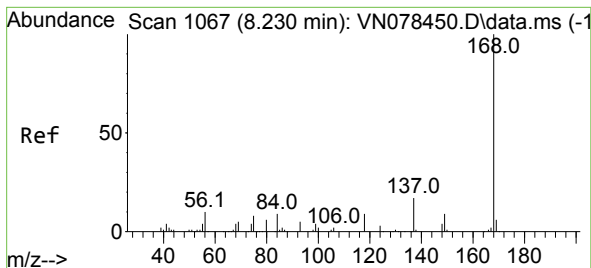
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078703.D
 Acq On : 31 Jul 2023 14:23
 Operator : JC\MD
 Sample : PB154517TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154517TB

Quant Time: Aug 01 01:17:30 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: 8.236 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

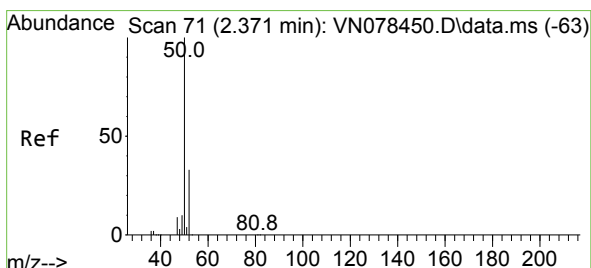
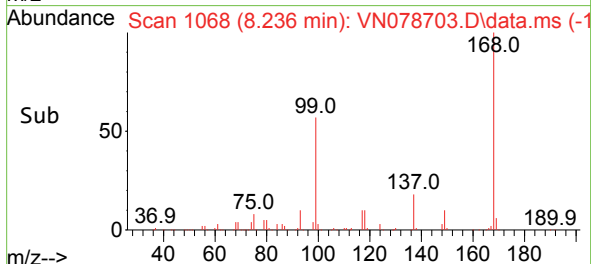
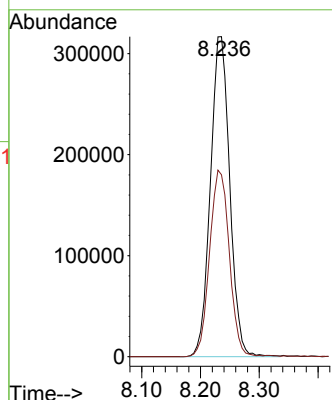
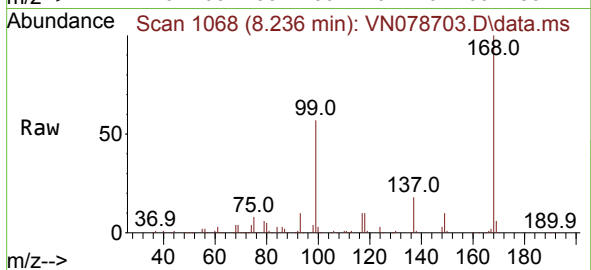
PB154517TB

Tgt Ion:168 Resp: 723297

Ion Ratio Lower Upper

168 100

99 56.9 53.0 79.6



#3

Chloromethane

Concen: 0.317 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078703.D

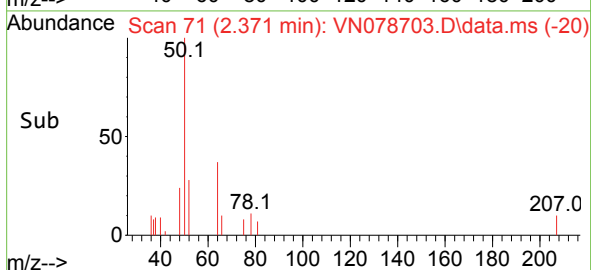
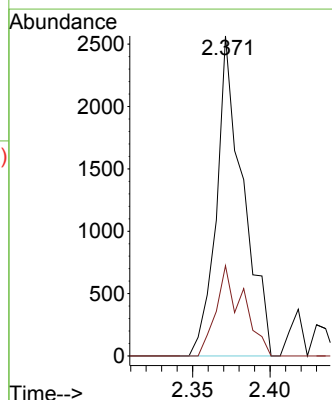
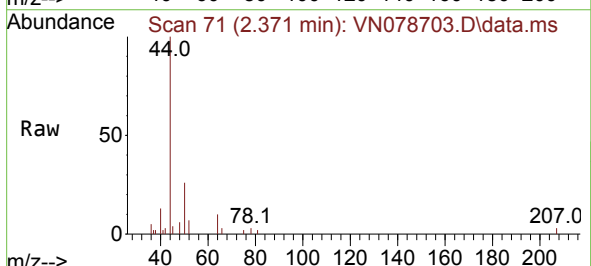
Acq: 31 Jul 2023 14:23

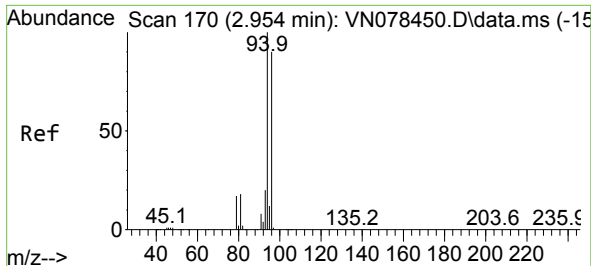
Tgt Ion: 50 Resp: 3052

Ion Ratio Lower Upper

50 100

52 28.2 26.5 39.7

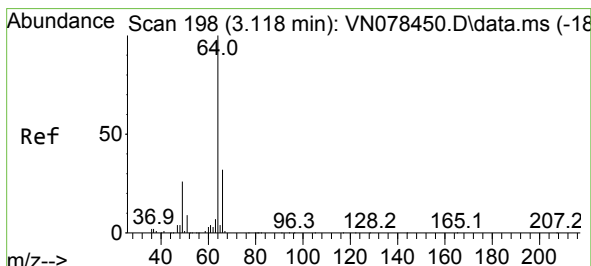
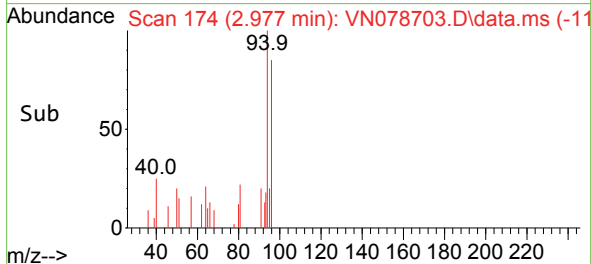
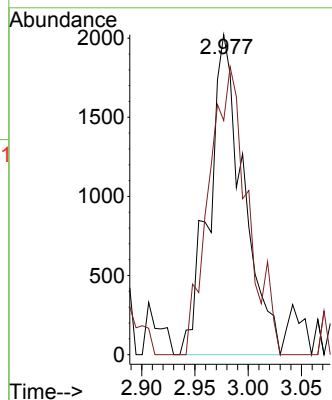
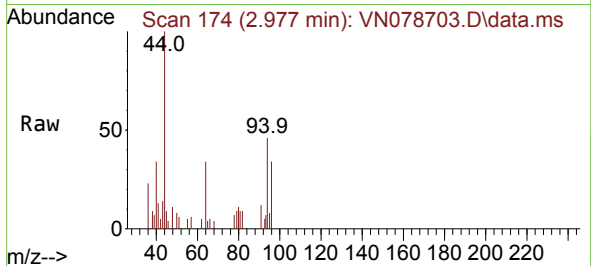




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

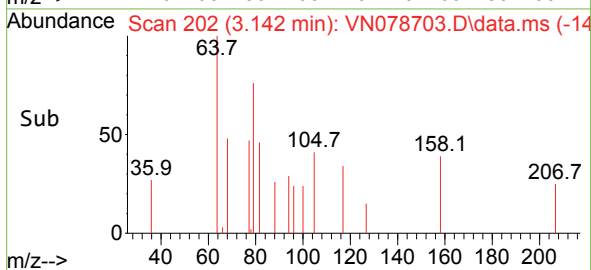
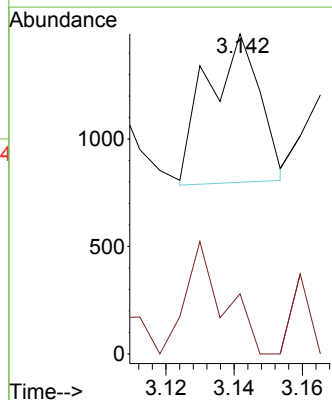
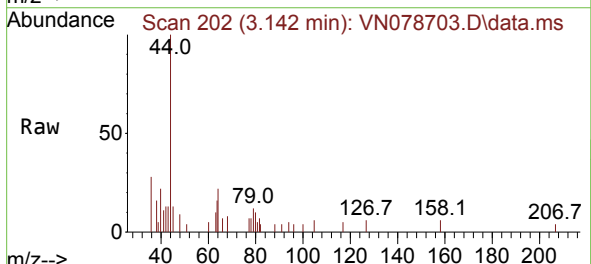
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

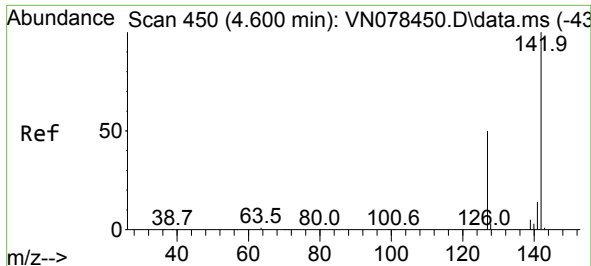
Tgt Ion: 94 Resp: 4533
Ion Ratio Lower Upper
94 100
96 73.1 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 202
Delta R.T. 0.024 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

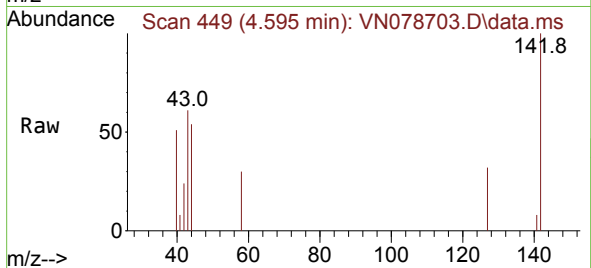
Tgt Ion: 64 Resp: 743
Ion Ratio Lower Upper
64 100
66 41.1 25.4 38.2#



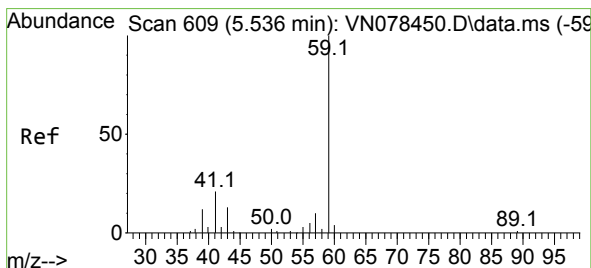
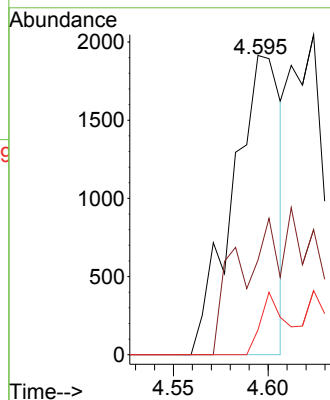
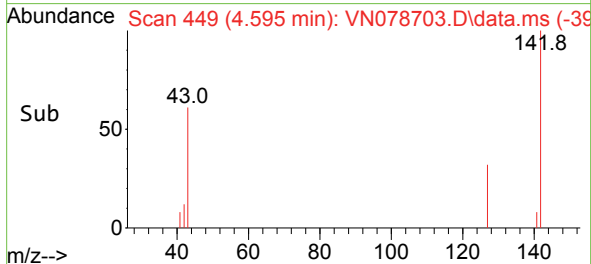


#10
Methyl Iodide
Concen: 0.311 ug/l
RT: 4.595 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

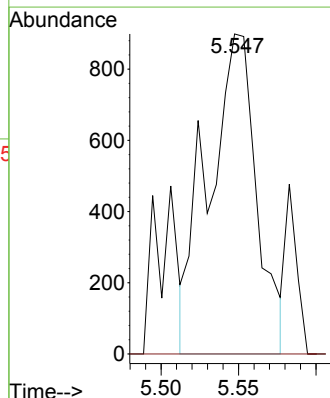
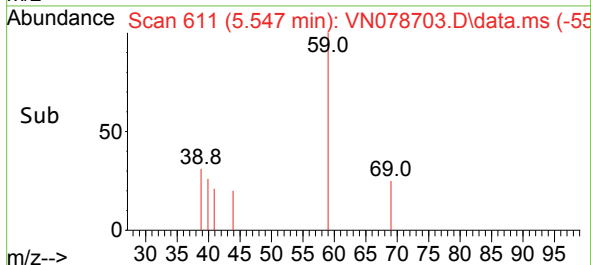
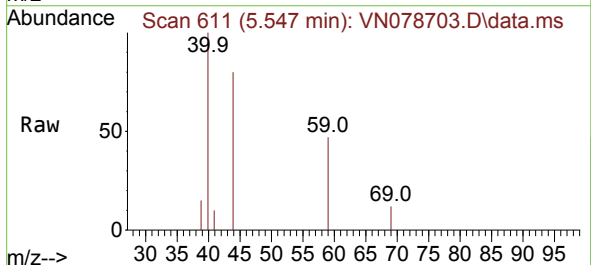


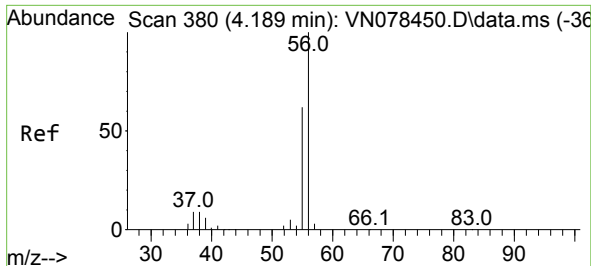
Tgt Ion:142 Resp: 3372
Ion Ratio Lower Upper
142 100
127 31.6 37.6 56.4#
141 8.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.304 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 59 Resp: 1950
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

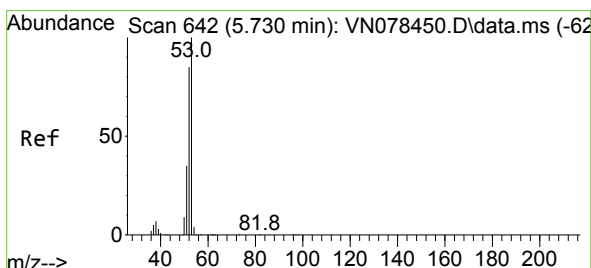
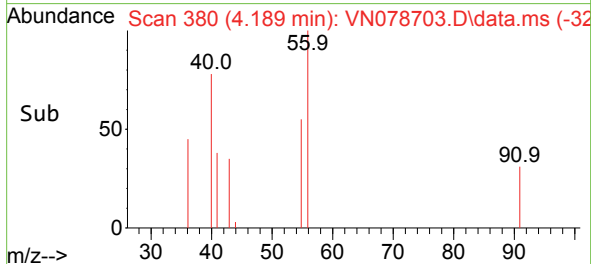
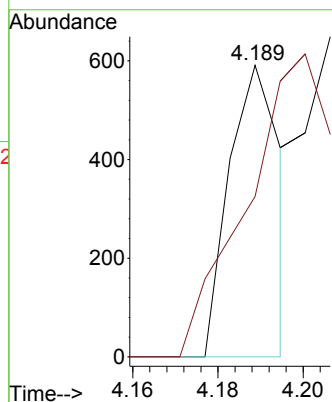
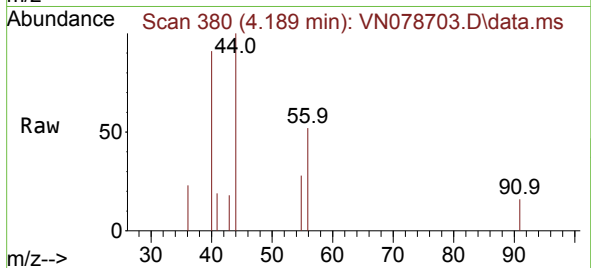




#13
Acrolein
Concen: 0.341 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

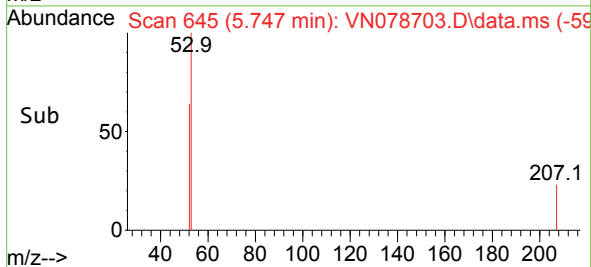
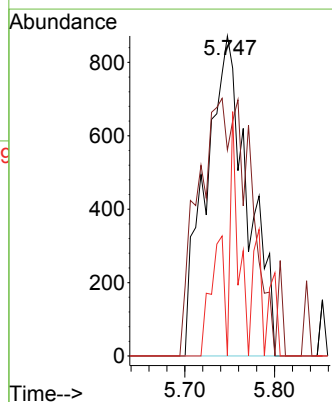
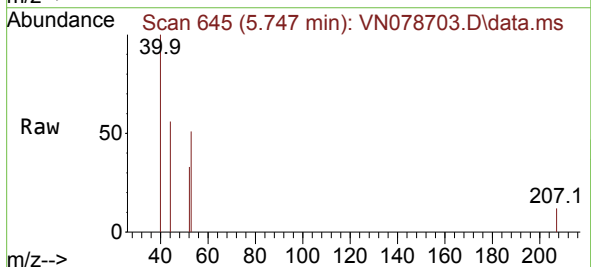
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

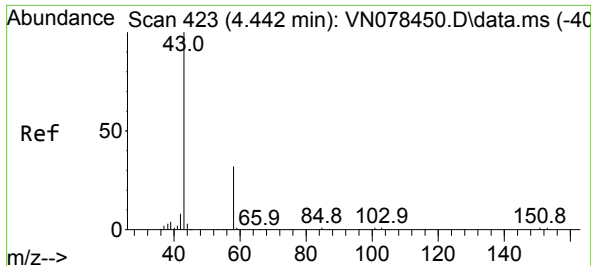
Tgt Ion: 56 Resp: 501
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.750 ug/l
RT: 5.747 min Scan# 645
Delta R.T. 0.017 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 53 Resp: 2832
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 14.3 28.9 43.3#

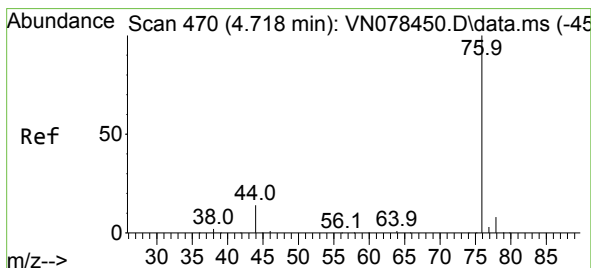
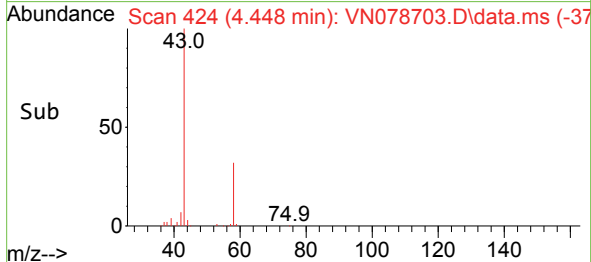
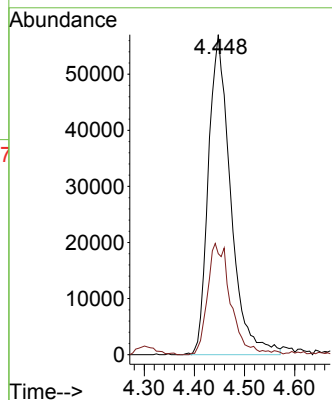
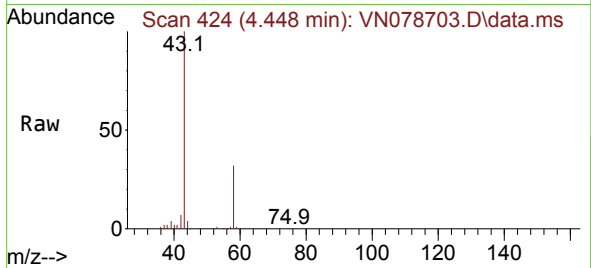




#16
Acetone
Concen: 58.282 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

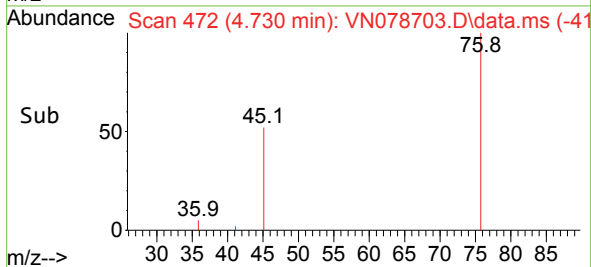
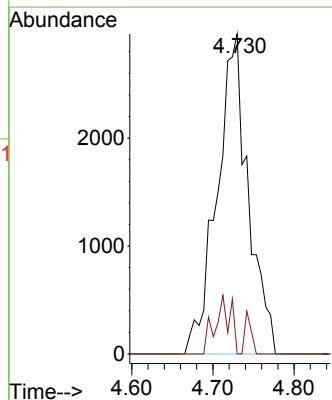
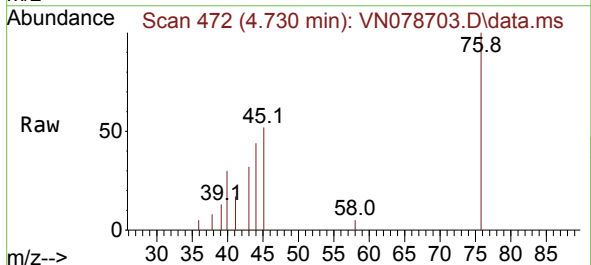
Instrument :
MSVOA_N
ClientSampleId :
PB154517B

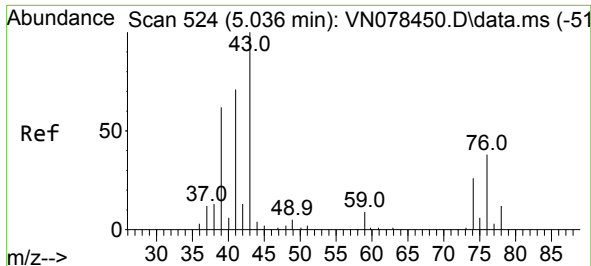
Tgt Ion: 43 Resp: 176040
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0



#17
Carbon Disulfide
Concen: 0.358 ug/l
RT: 4.730 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 76 Resp: 7895
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

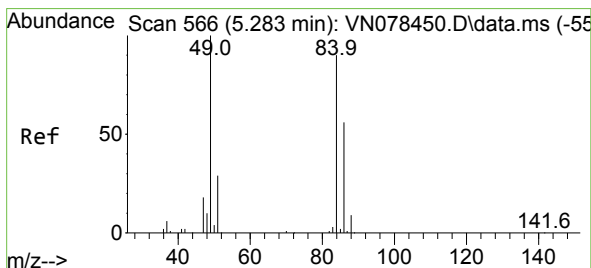
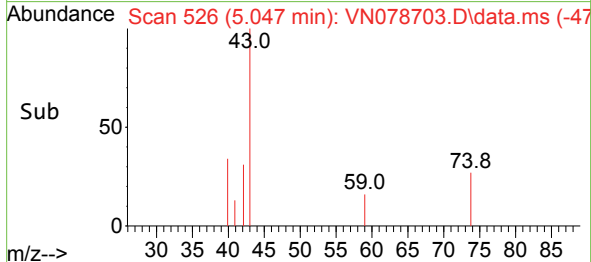
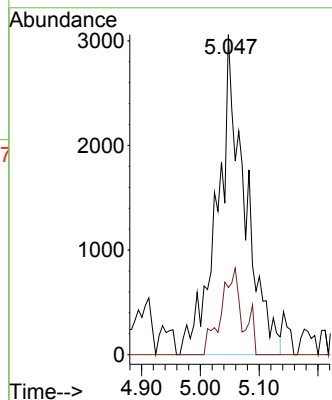
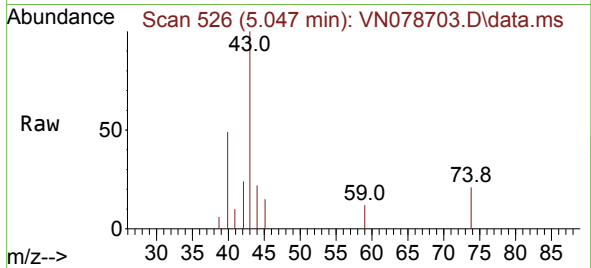




#18
Methyl Acetate
Concen: 0.780 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

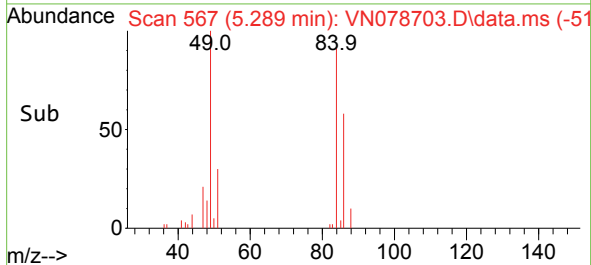
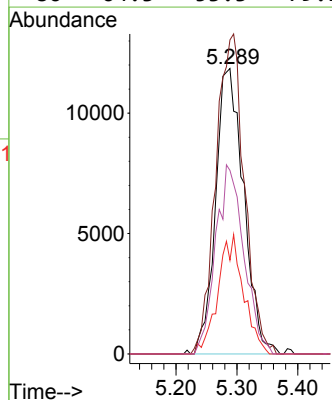
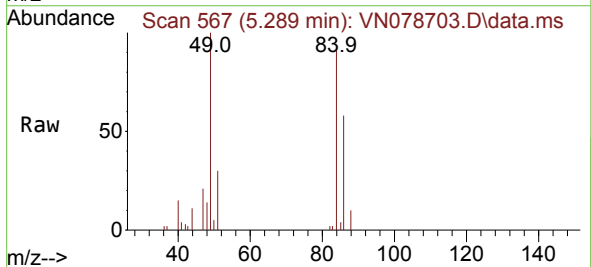
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

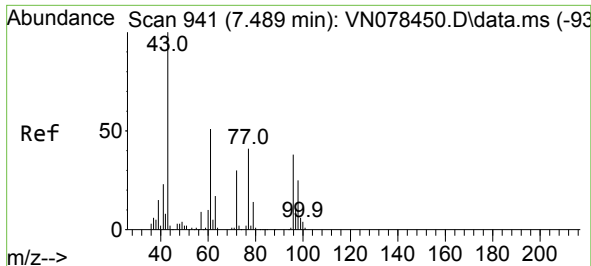
Tgt Ion: 43 Resp: 9968
Ion Ratio Lower Upper
43 100
74 18.3 26.2 39.4#



#20
Methylene Chloride
Concen: 3.240 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

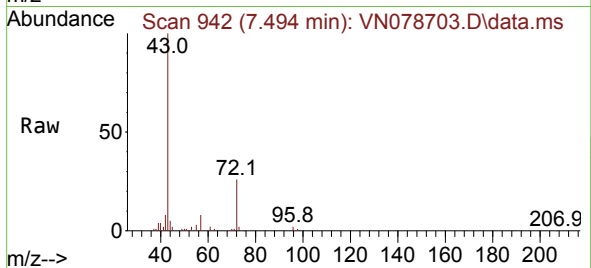
Tgt Ion: 84 Resp: 37977
Ion Ratio Lower Upper
84 100
49 110.1 79.7 119.5
51 32.8 25.2 37.8
86 64.3 53.3 79.9



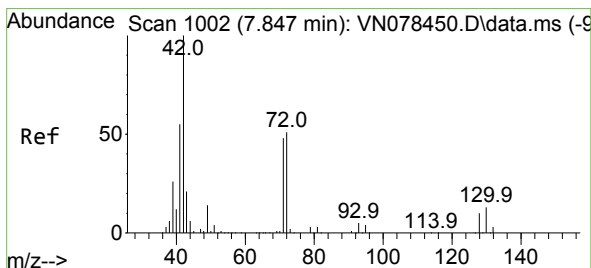
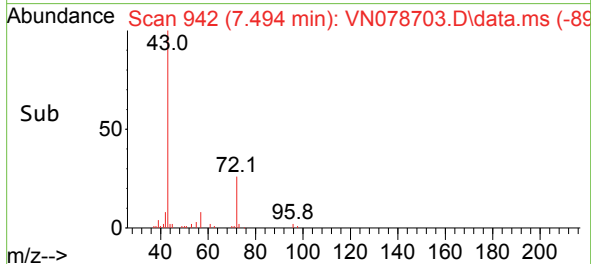
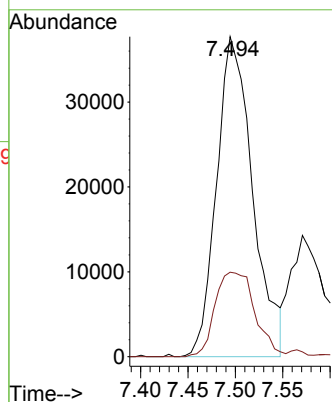


#25
2-Butanone
Concen: 20.982 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Instrument :
MSVOA_N
ClientSampleId :
PB154517B

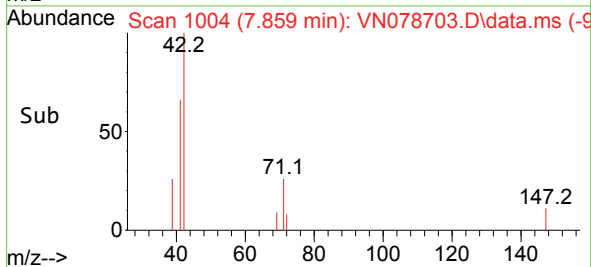
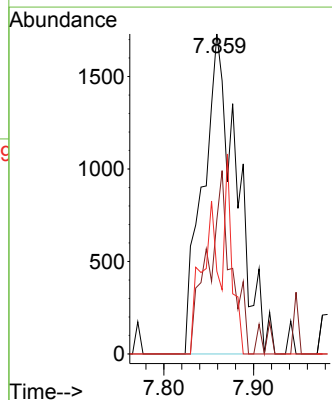
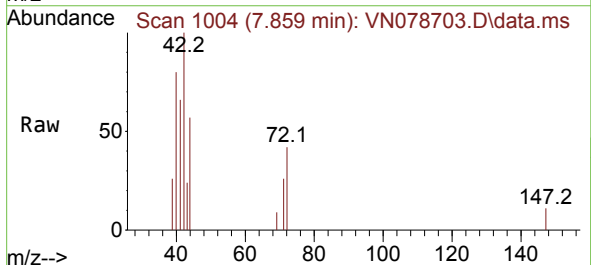


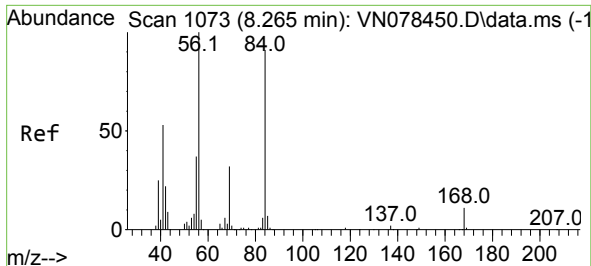
Tgt Ion: 43 Resp: 99762
Ion Ratio Lower Upper
43 100
72 26.4 30.2 45.2#



#29
Tetrahydrofuran
Concen: 1.464 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 42 Resp: 4569
Ion Ratio Lower Upper
42 100
72 38.4 49.8 74.6#
71 13.2 47.4 71.2#

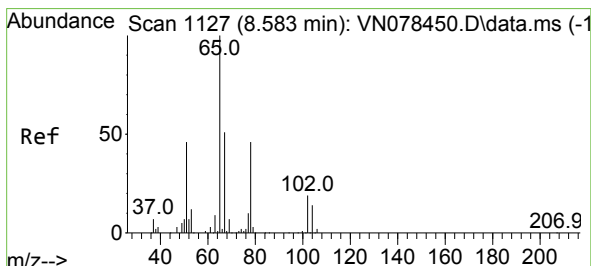
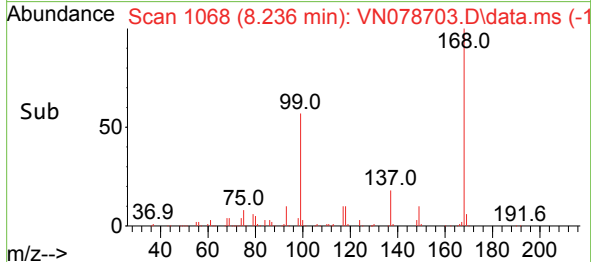
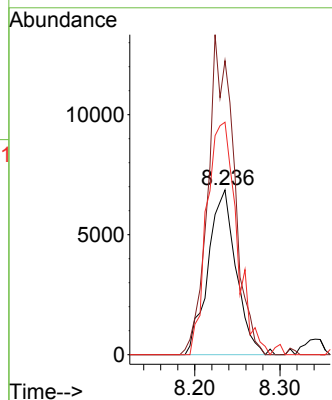
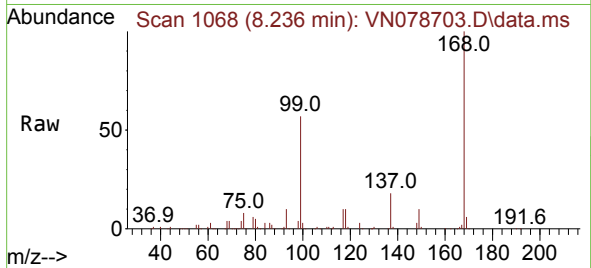




#31
Cyclohexane
Concen: 1.204 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

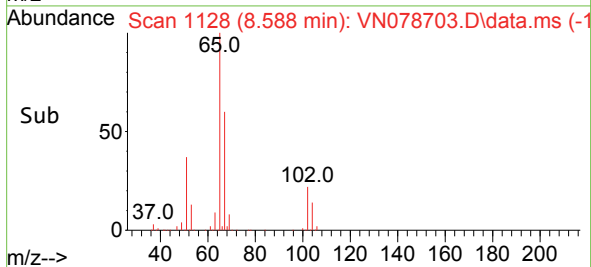
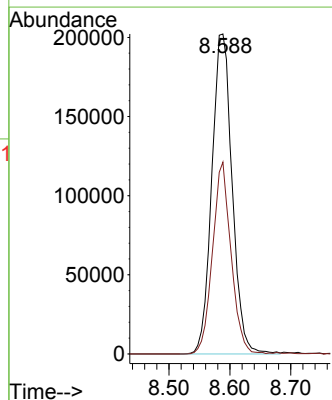
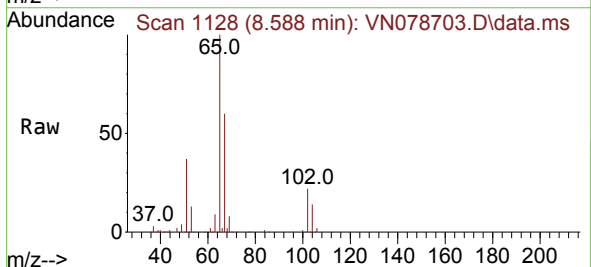
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

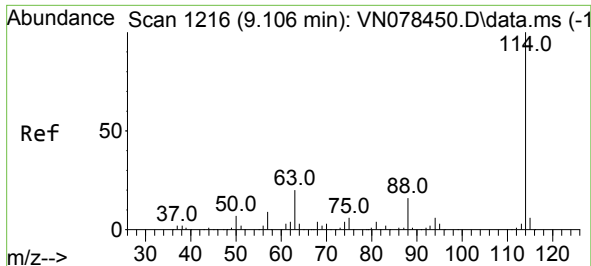
Tgt Ion: 56 Resp: 15773
Ion Ratio Lower Upper
56 100
69 178.4 26.8 40.2#
84 141.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 48.429 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 65 Resp: 469597
Ion Ratio Lower Upper
65 100
67 54.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

PB154517TB

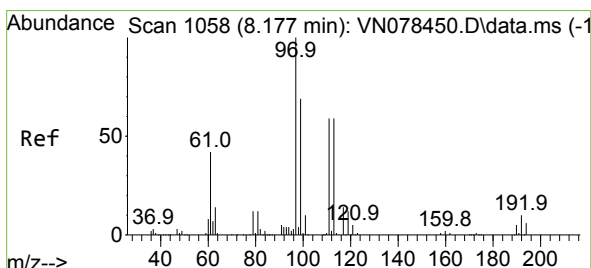
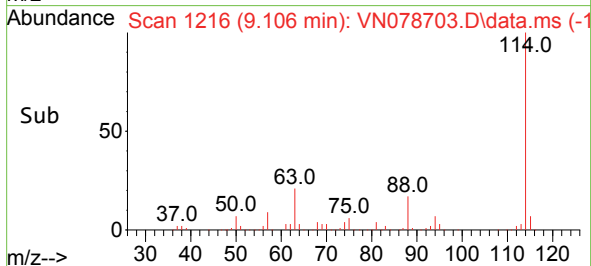
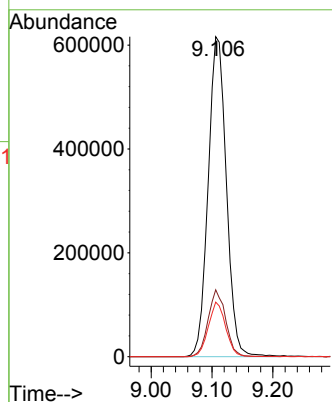
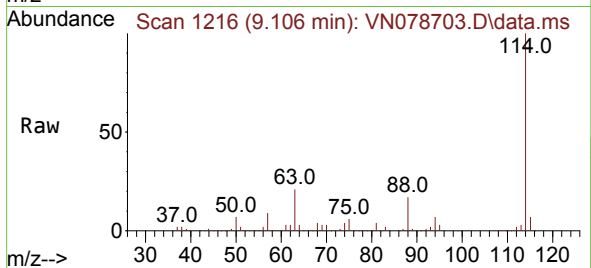
Tgt Ion:114 Resp: 1281852

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.077 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

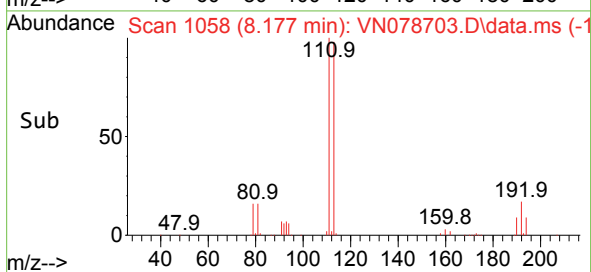
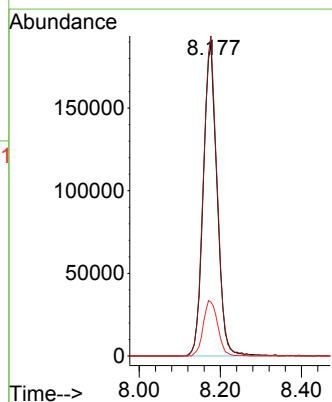
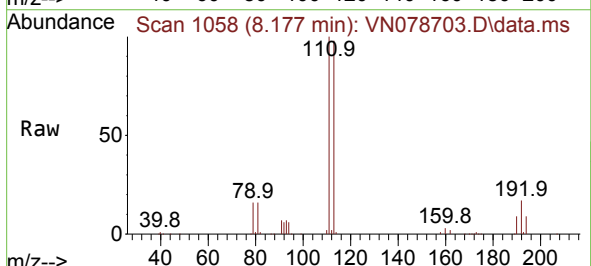
Tgt Ion:113 Resp: 444452

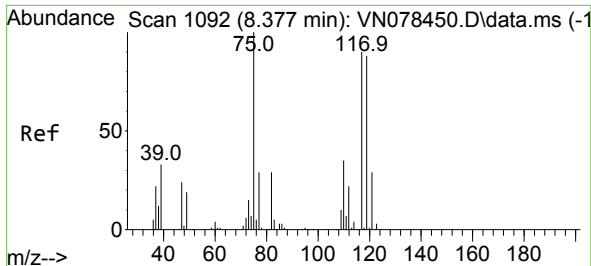
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.5 12.7 19.1

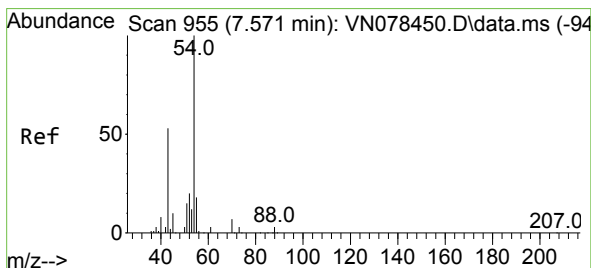
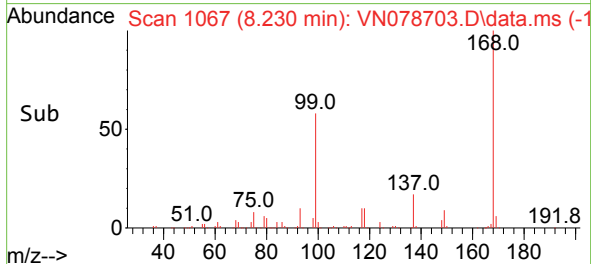
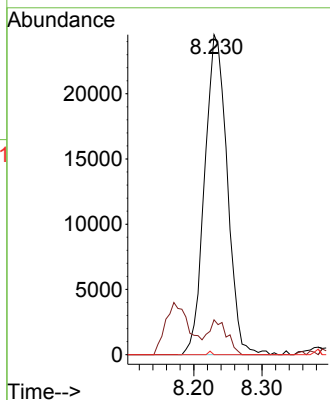
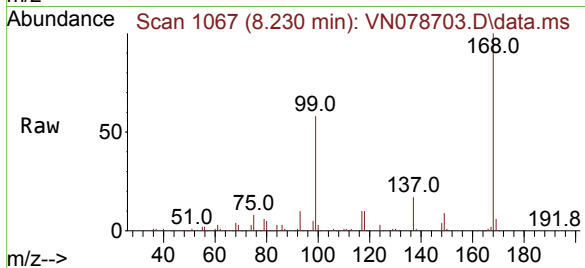




#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 8.230 min Scan# 1092
Delta R.T. -0.147 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

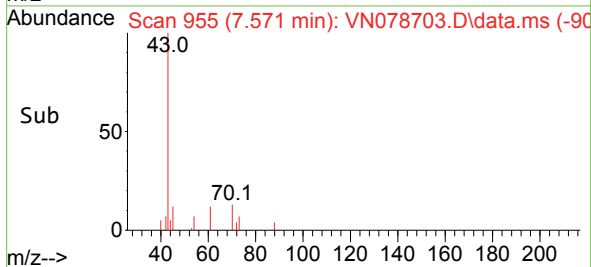
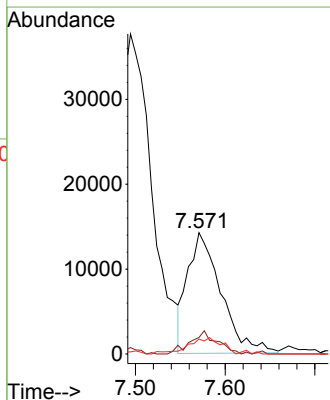
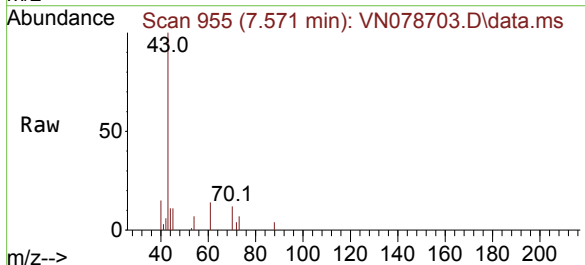
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

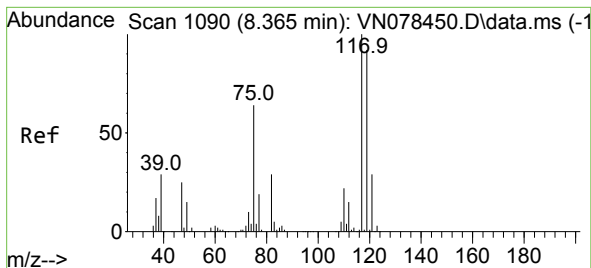
Tgt Ion: 75 Resp: 56648
Ion Ratio Lower Upper
75 100
110 9.0 19.1 57.3#
77 0.2 25.0 37.4#



#37
Ethyl Acetate
Concen: 3.518 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 43 Resp: 36851
Ion Ratio Lower Upper
43 100
61 15.4 13.2 19.8
70 13.4 11.3 16.9





#38

Carbon Tetrachloride

Concen: 5.380 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.135 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

PB154517TB

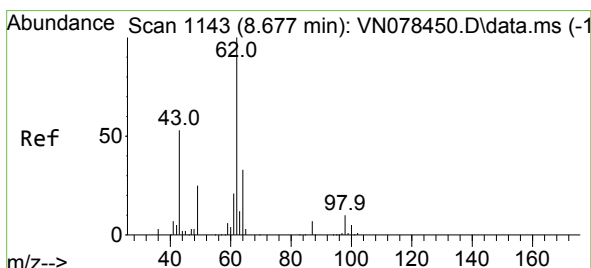
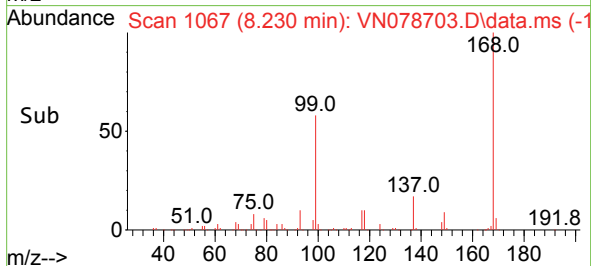
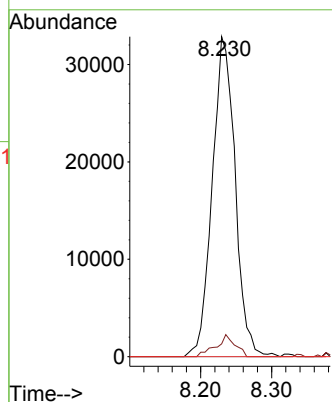
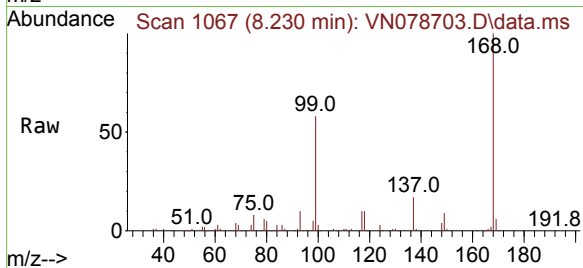
Tgt Ion:117 Resp: 73469

Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.410 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.017 min

Lab File: VN078703.D

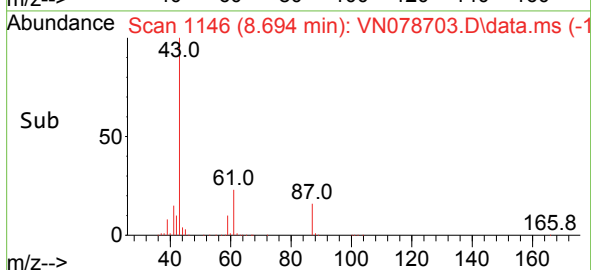
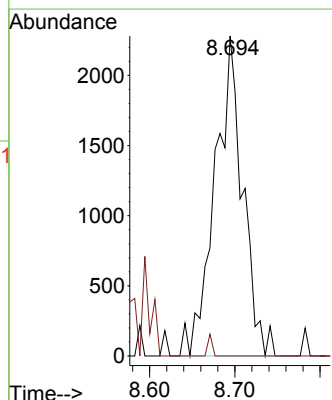
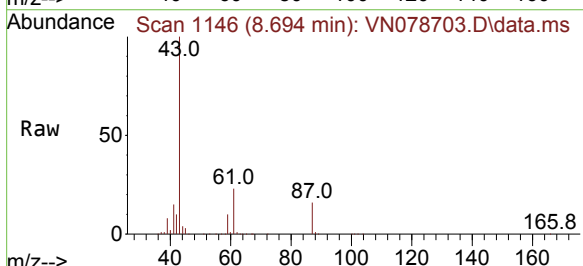
Acq: 31 Jul 2023 14:23

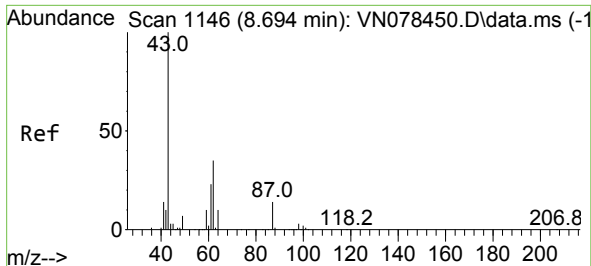
Tgt Ion: 62 Resp: 5188

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

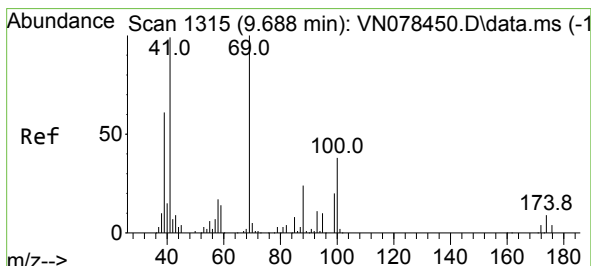
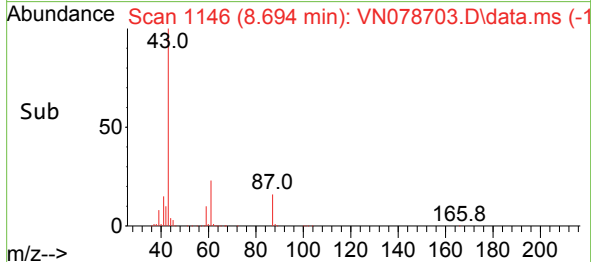
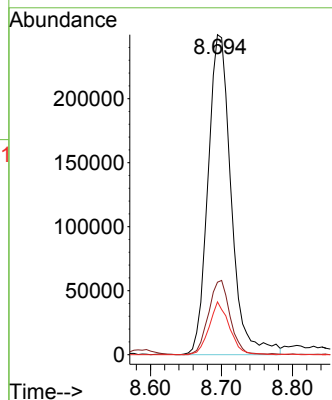
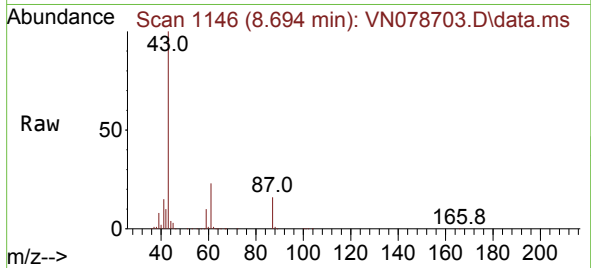




#43
Isopropyl Acetate
Concen: 32.874 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

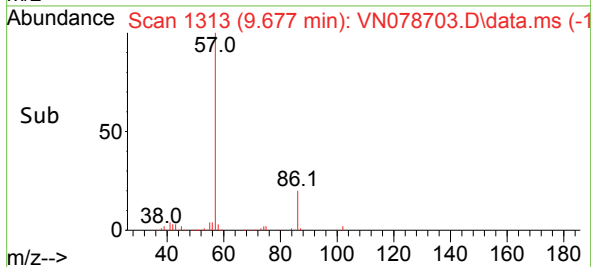
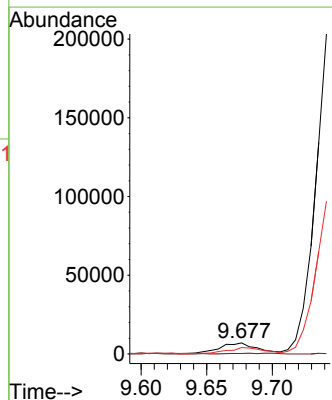
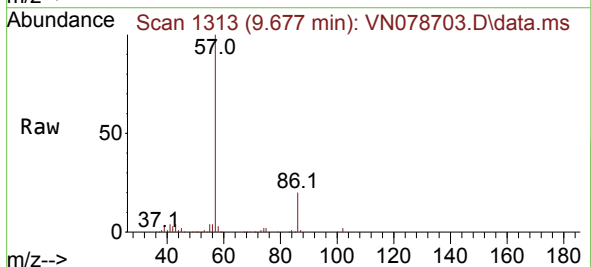
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

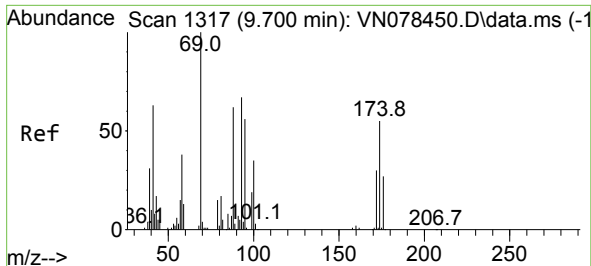
Tgt Ion: 43 Resp: 566882
Ion Ratio Lower Upper
43 100
61 21.6 24.7 37.1#
87 14.4 14.6 21.8#



#48
Methyl methacrylate
Concen: 1.646 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.011 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 41 Resp: 13148
Ion Ratio Lower Upper
41 100
69 4.4 90.4 135.6#
39 61.6 54.6 81.8





#49

1,4-Dioxane

Concen: 1.992 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

PB154517TB

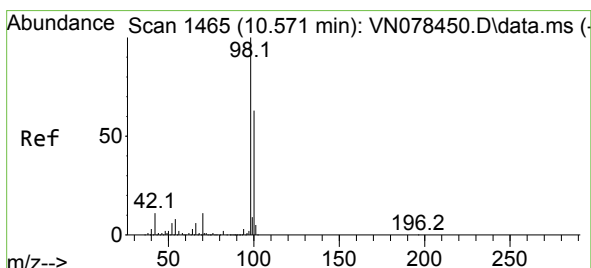
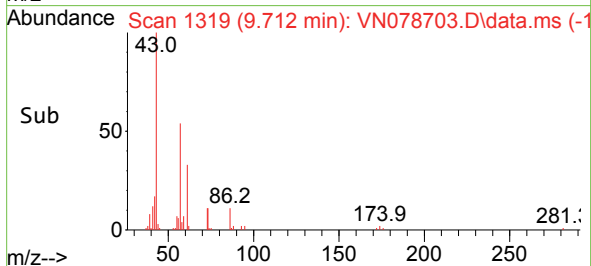
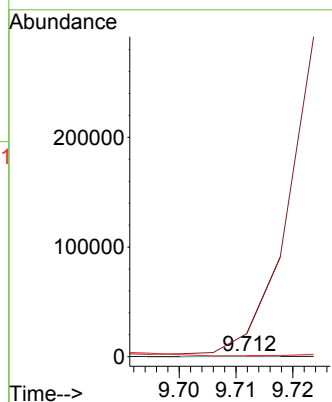
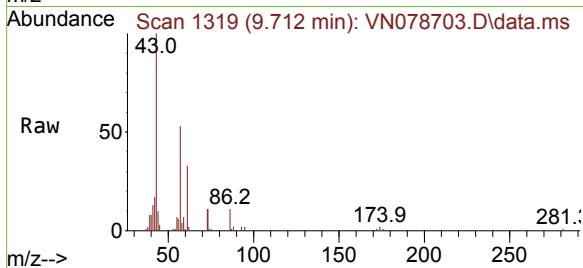
Tgt Ion: 88 Resp: 347

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 49.841 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078703.D

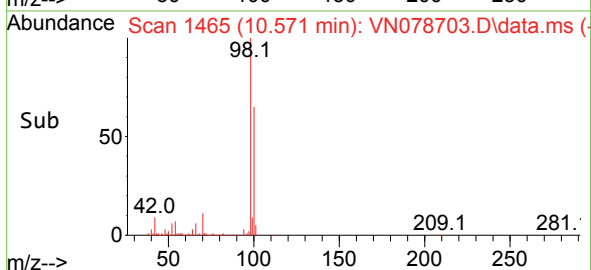
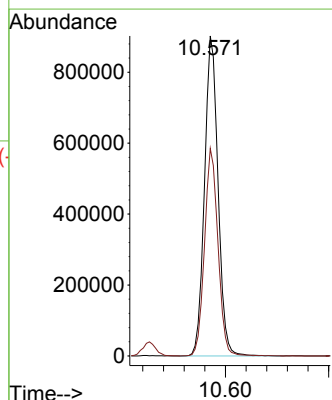
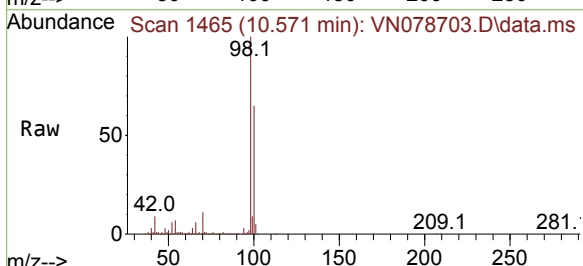
Acq: 31 Jul 2023 14:23

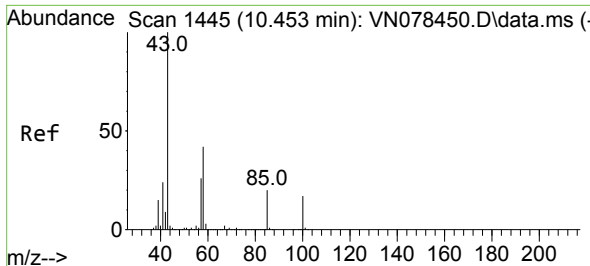
Tgt Ion: 98 Resp: 1638378

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

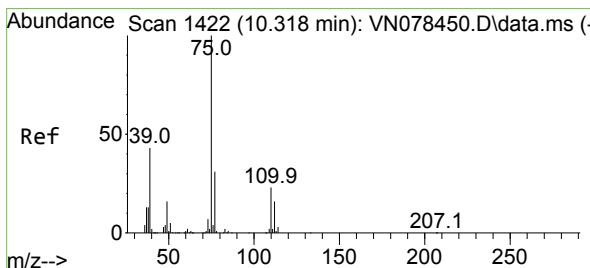
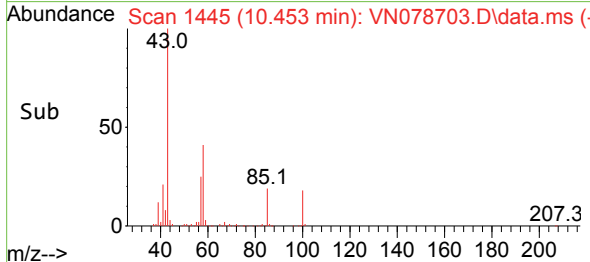
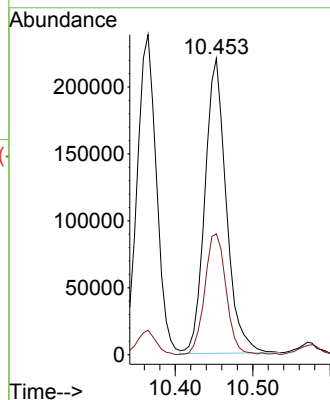
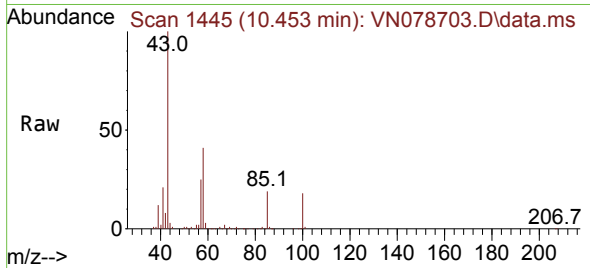




#51
4-Methyl-2-Pentanone
Concen: 41.190 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

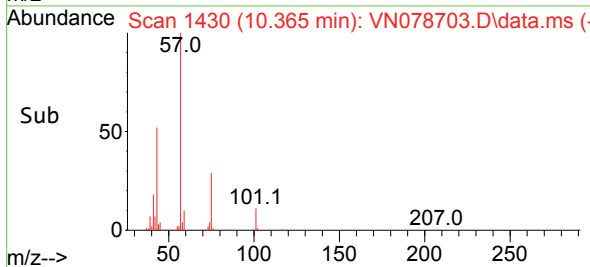
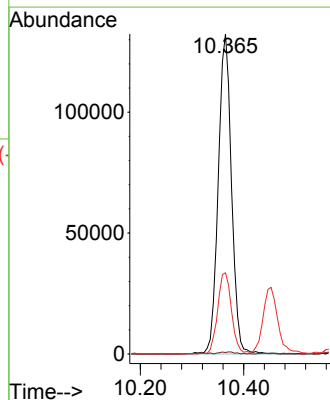
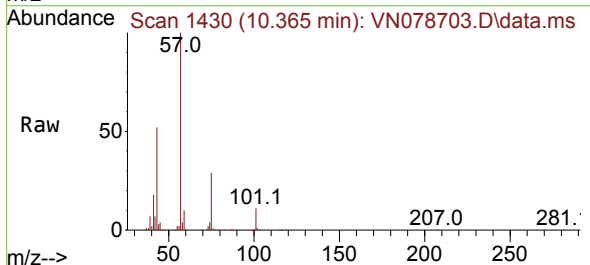
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

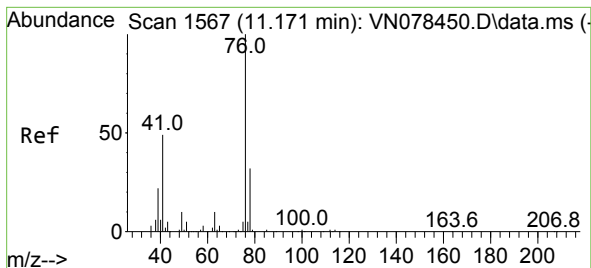
Tgt Ion: 43 Resp: 422477
Ion Ratio Lower Upper
43 100
58 40.6 36.6 54.8



#54
cis-1,3-Dichloropropene
Concen: 16.205 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 75 Resp: 235374
Ion Ratio Lower Upper
75 100
77 0.4 26.1 39.1#
39 25.3 31.6 47.4#





#57

1,3-Dichloropropane

Concen: 1.884 ug/l

RT: 11.212 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

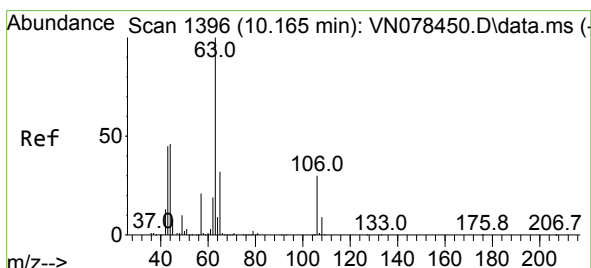
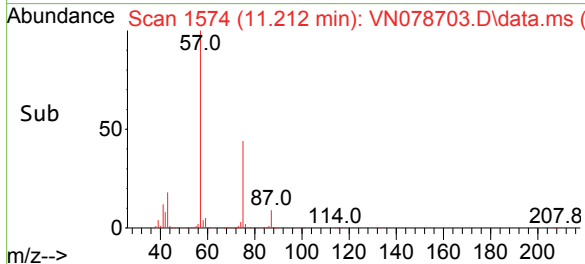
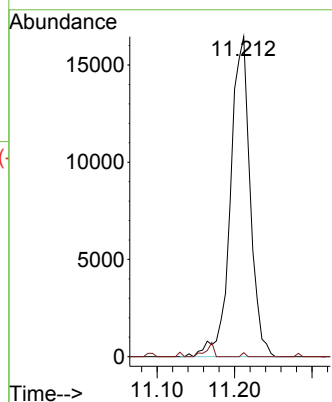
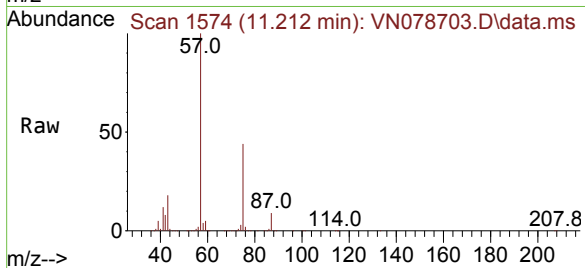
PB154517TB

Tgt Ion: 76 Resp: 29119

Ion Ratio Lower Upper

76 100

78 0.3 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.489 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078703.D

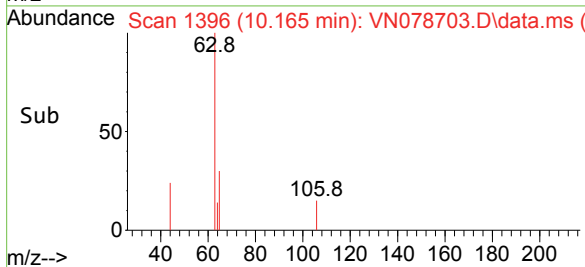
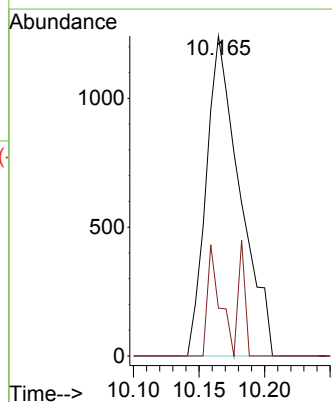
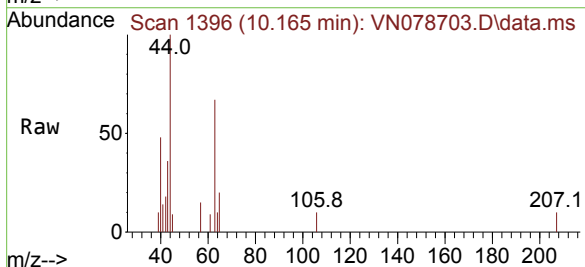
Acq: 31 Jul 2023 14:23

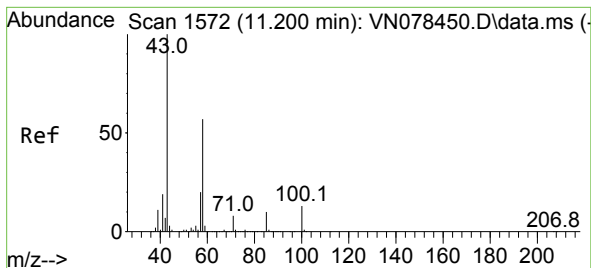
Tgt Ion: 63 Resp: 2215

Ion Ratio Lower Upper

63 100

106 12.8 26.2 39.4#

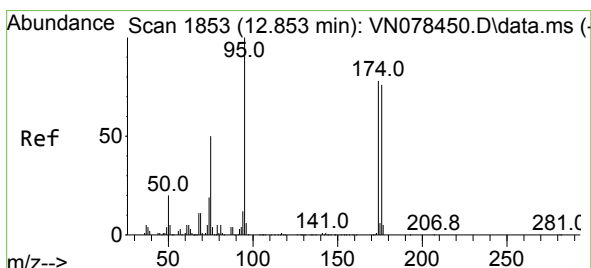
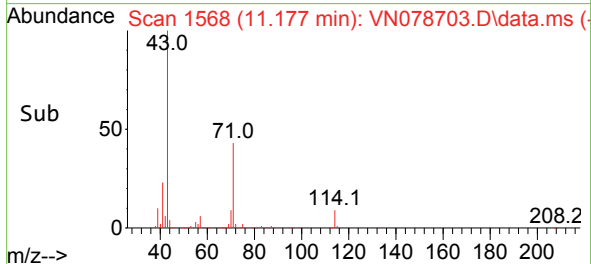
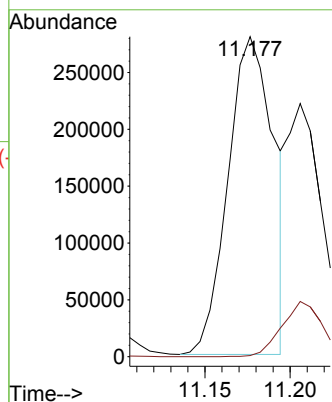
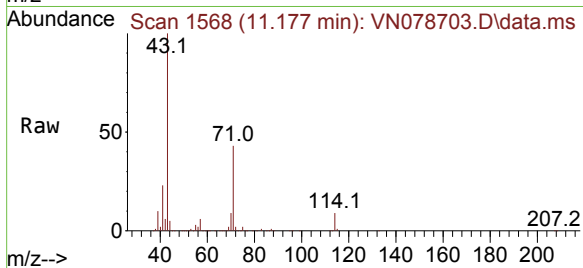




#59
2-Hexanone
Concen: 71.658 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.023 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

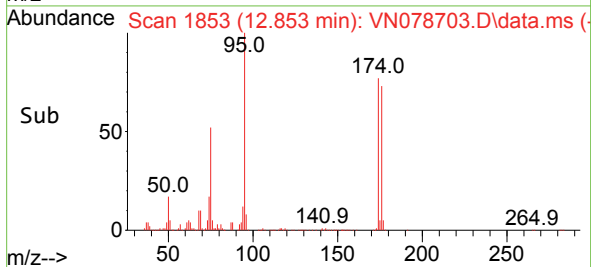
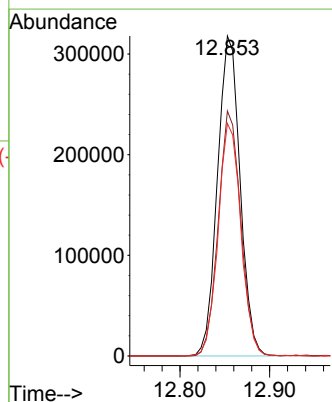
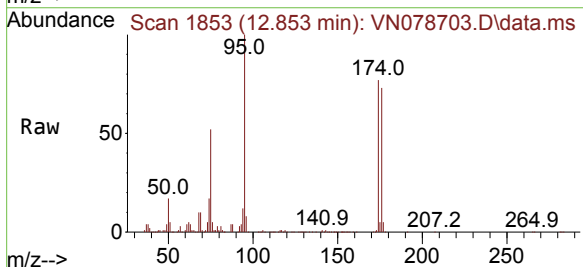
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

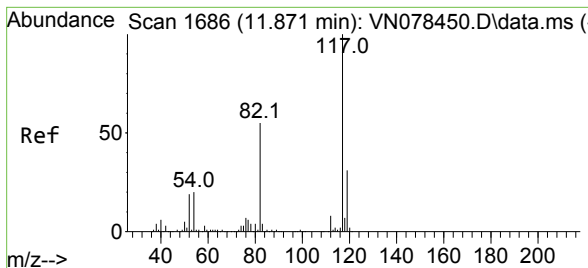
Tgt Ion: 43 Resp: 522360
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 54.984 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 95 Resp: 556724
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 72.9 0.0 135.8

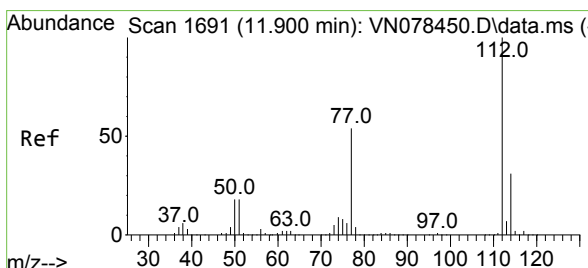
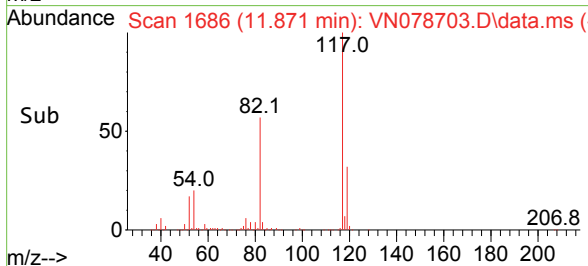
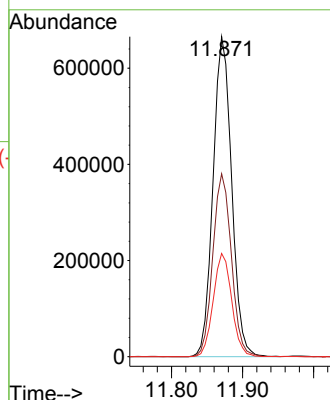
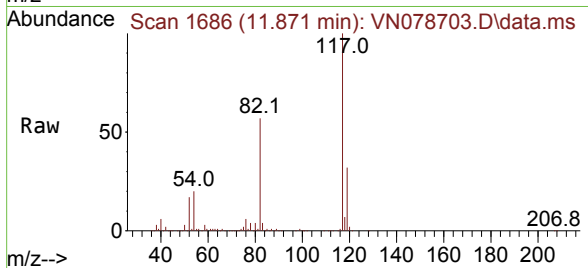




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

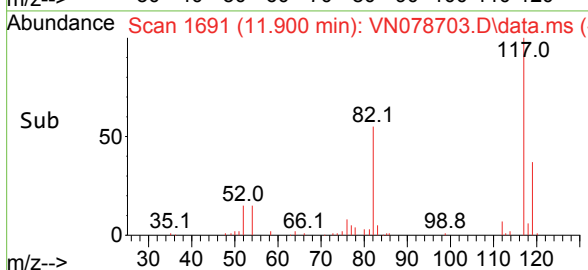
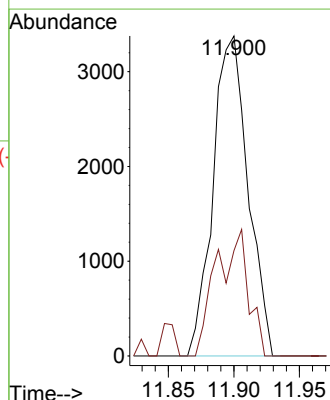
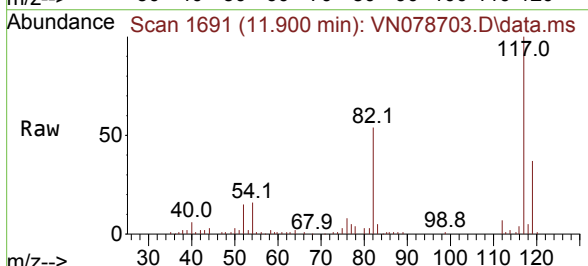
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

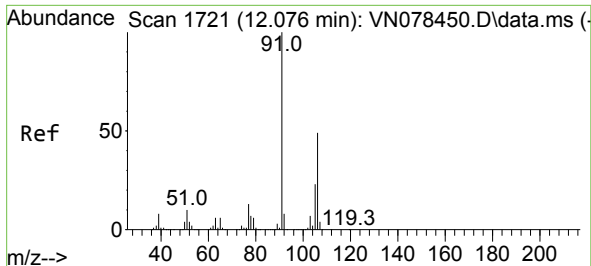
Tgt Ion:117 Resp: 1208505
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.3 25.6 38.4



#65
Chlorobenzene
Concen: 0.232 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion:112 Resp: 6264
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4

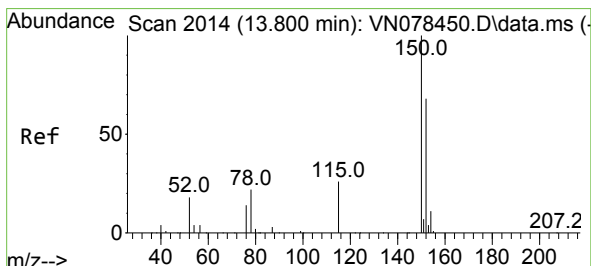
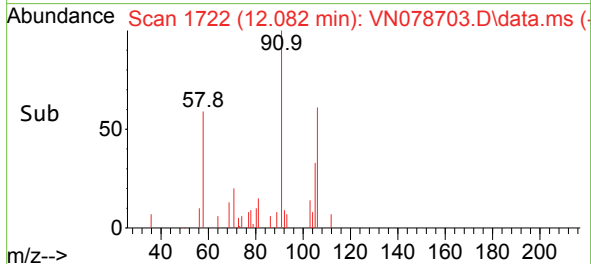
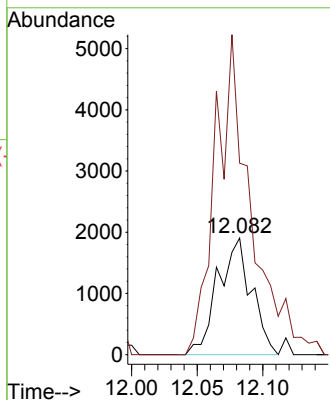
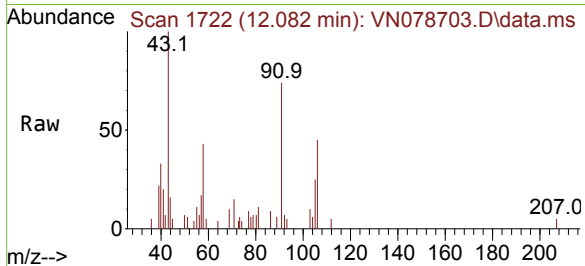




#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 12.082 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

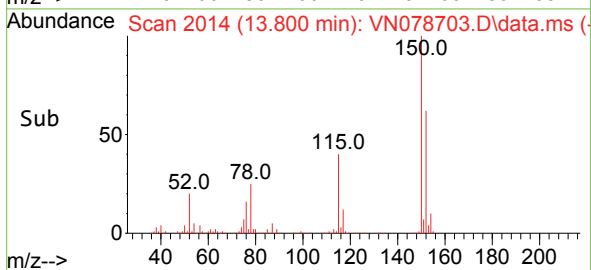
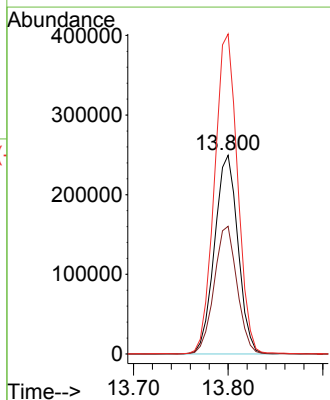
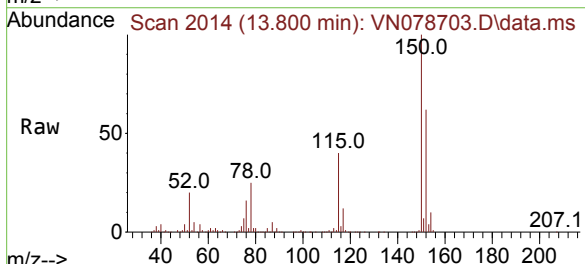
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

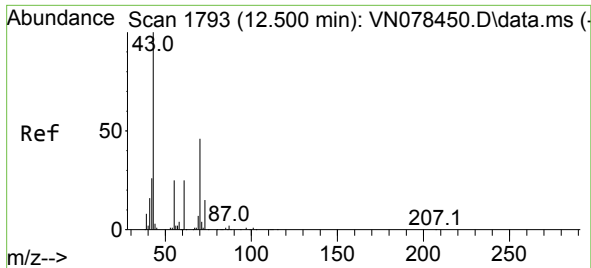
Tgt Ion:106 Resp: 3399
Ion Ratio Lower Upper
106 100
91 290.4 159.6 239.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion:152 Resp: 429018
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 158.9 0.0 355.8

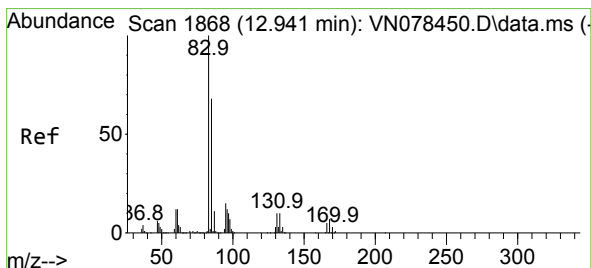
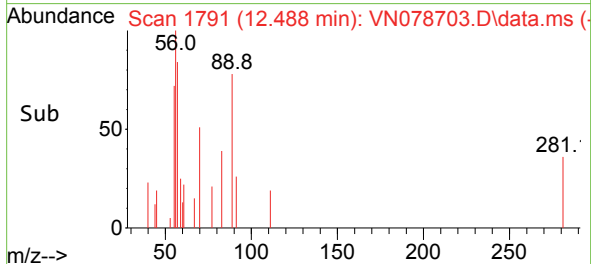
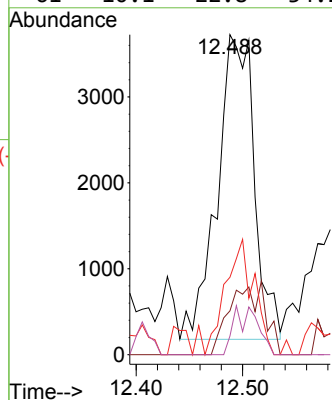
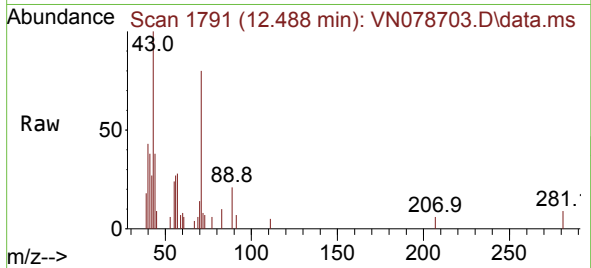




#74
N-amy1 acetate
Concen: 0.617 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

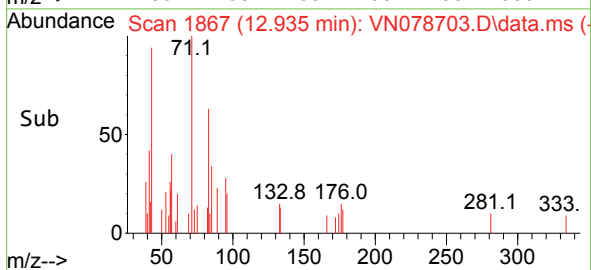
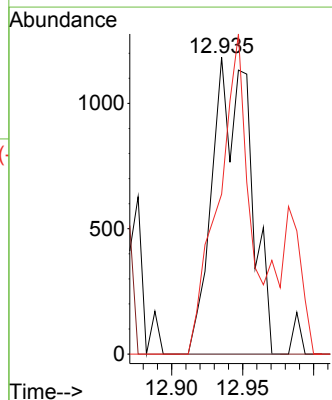
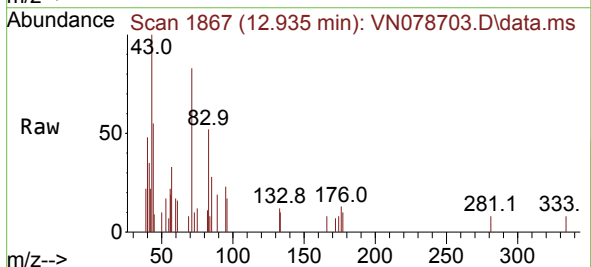
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

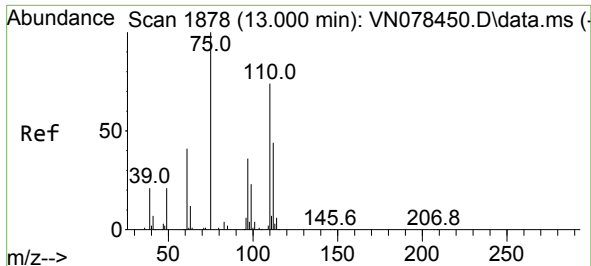
Tgt Ion: 43 Resp: 8565
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 29.0 21.4 32.0
61 10.1 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 83 Resp: 2219
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 85.4 31.9 95.7

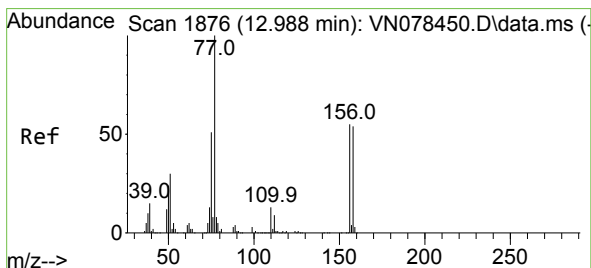
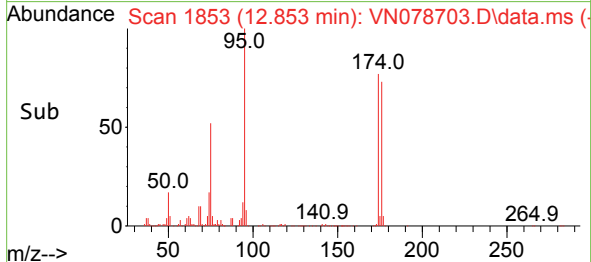
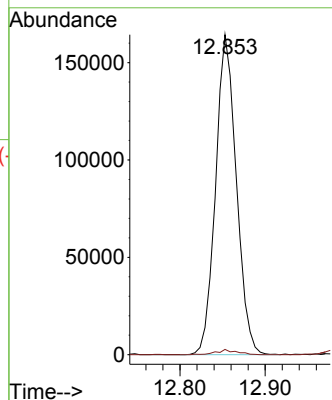
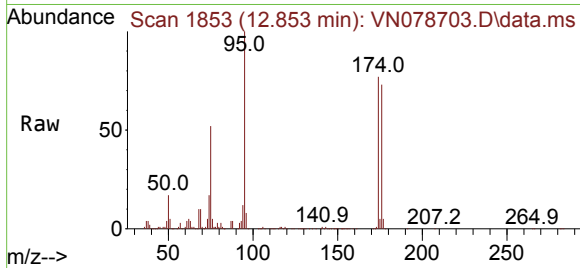




#76
1,2,3-Trichloropropane
Concen: 26.808 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

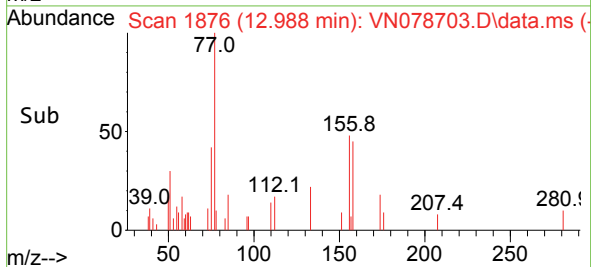
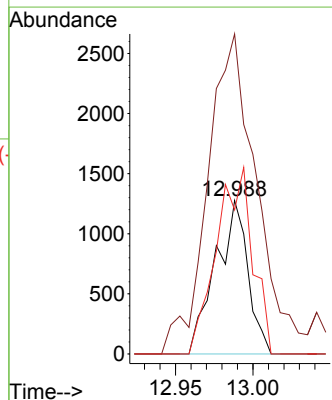
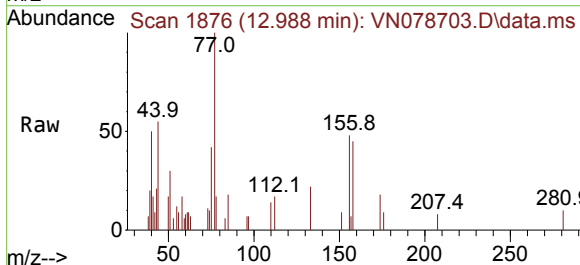
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

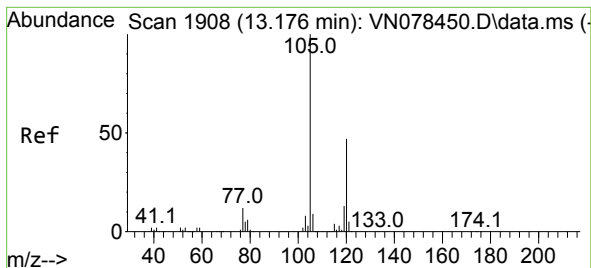
Tgt Ion: 75 Resp: 277992
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#



#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 156 Resp: 1843
Ion Ratio Lower Upper
156 100
77 317.4 107.7 323.3
158 136.0 48.4 145.3





#80

1,3,5-Trimethylbenzene

Concen: 0.219 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

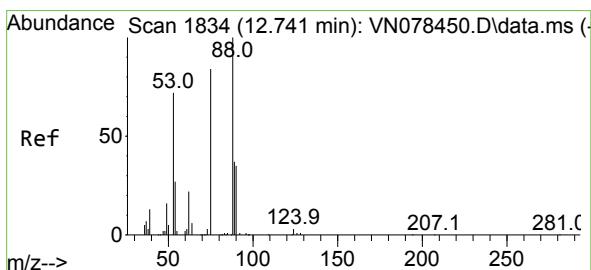
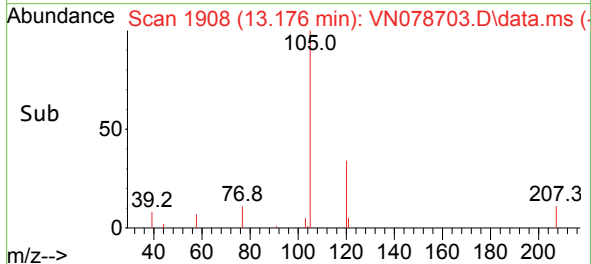
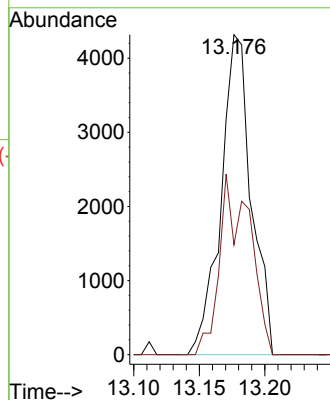
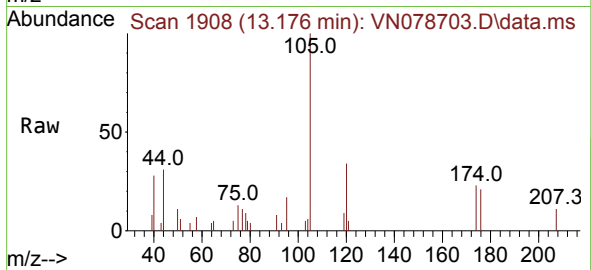
PB154517TB

Tgt Ion:105 Resp: 6968

Ion Ratio Lower Upper

105 100

120 56.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 70.445 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

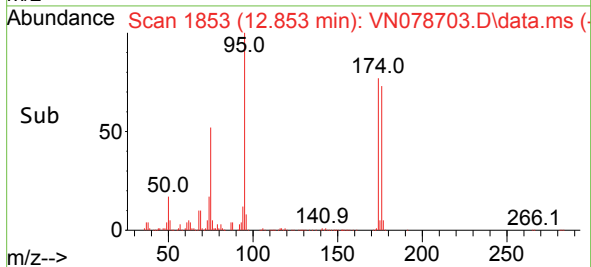
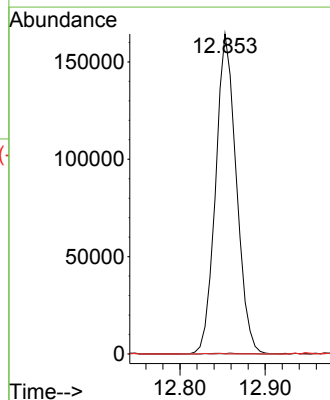
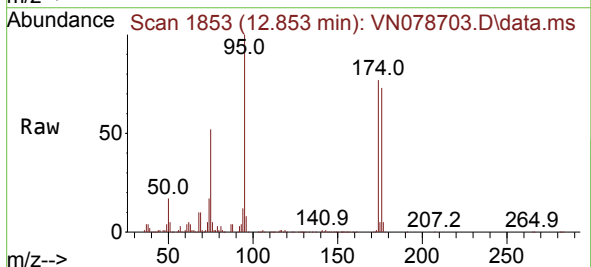
Tgt Ion: 75 Resp: 277992

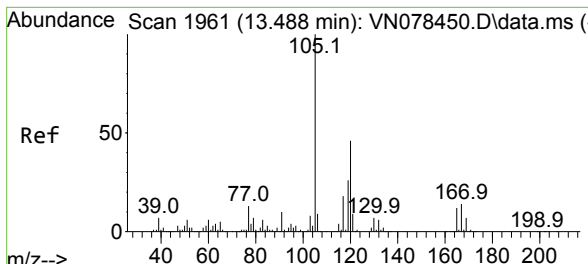
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

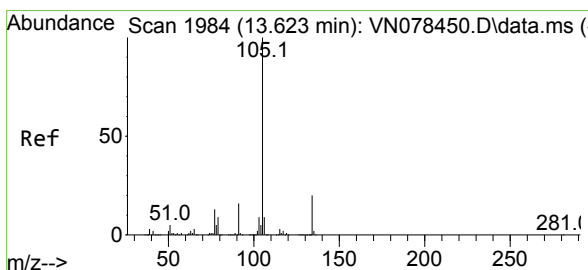
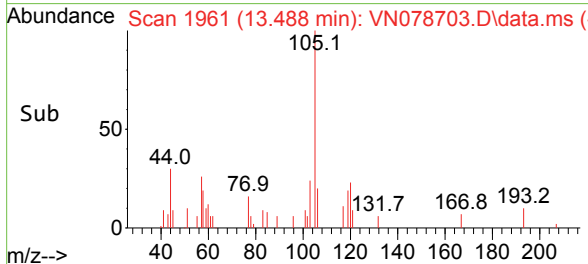
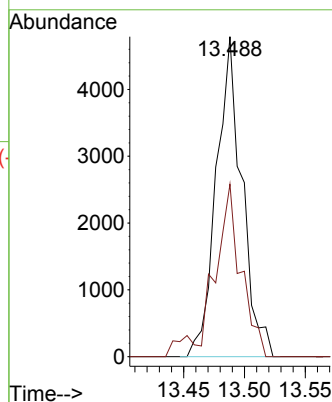
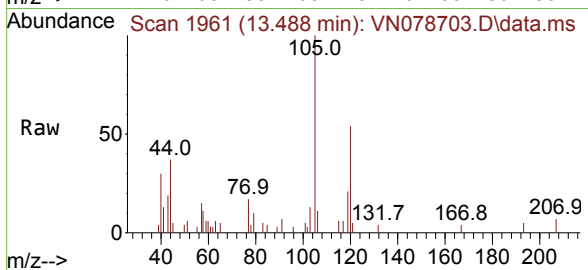




#84
 1,2,4-Trimethylbenzene
 Concen: 0.227 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078703.D
 Acq: 31 Jul 2023 14:23

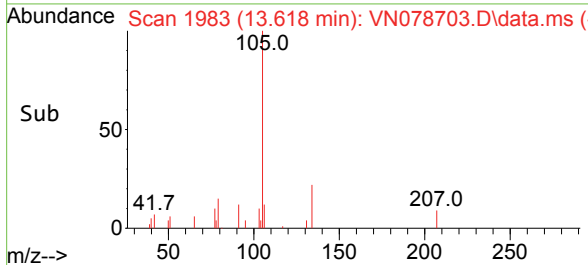
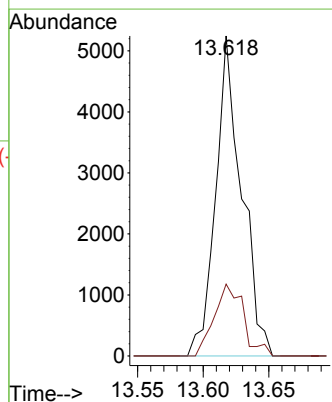
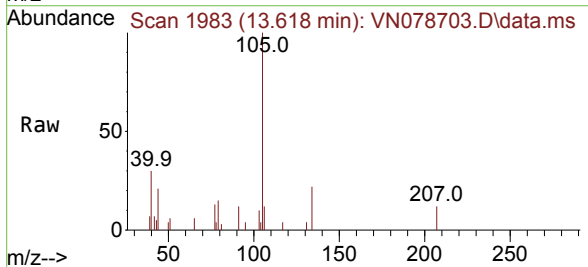
Instrument :
 MSVOA_N
 ClientSampleId :
 PB154517TB

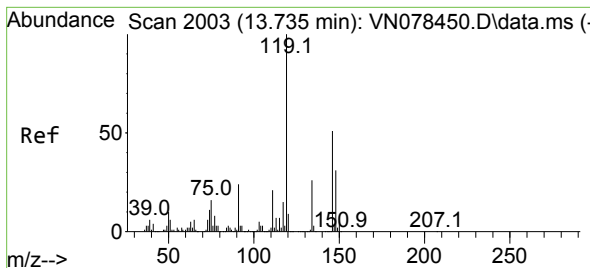
Tgt Ion:105 Resp: 7015
 Ion Ratio Lower Upper
 105 100
 120 52.2 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 0.210 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN078703.D
 Acq: 31 Jul 2023 14:23

Tgt Ion:105 Resp: 7190
 Ion Ratio Lower Upper
 105 100
 134 25.4 9.8 29.3

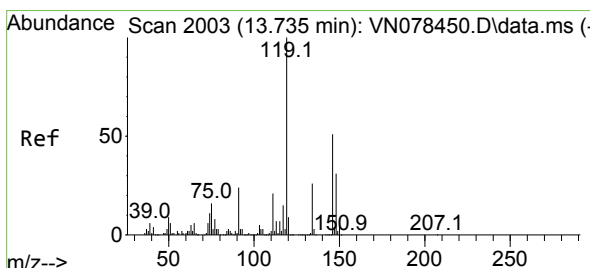
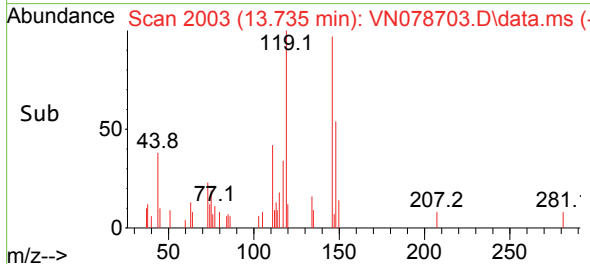
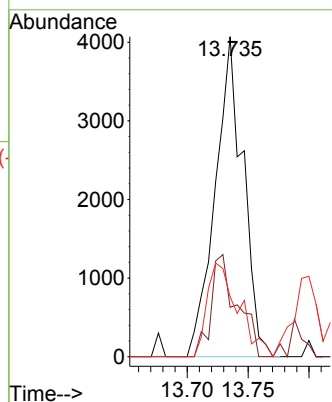
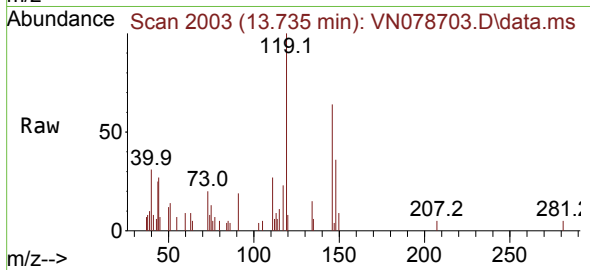




#86
p-Isopropyltoluene
Concen: 0.236 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

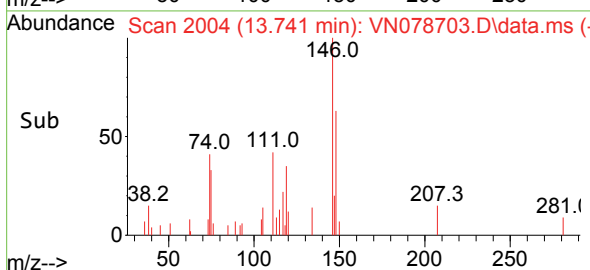
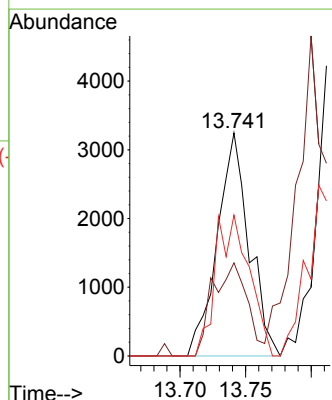
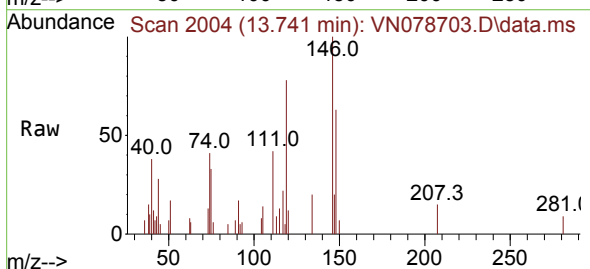
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

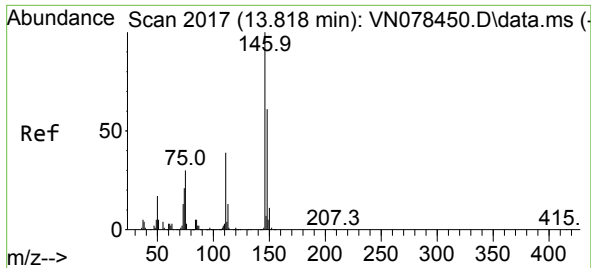
Tgt Ion:119 Resp: 6470
Ion Ratio Lower Upper
119 100
134 29.7 12.6 37.8
91 32.8 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.355 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion:146 Resp: 5487
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.3
148 67.0 32.0 96.0

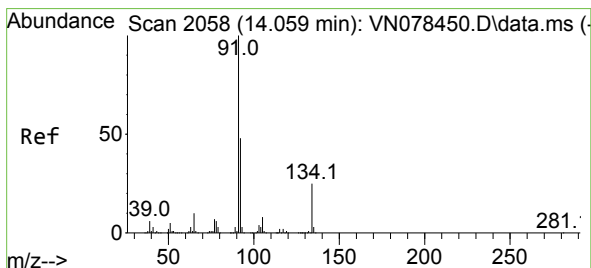
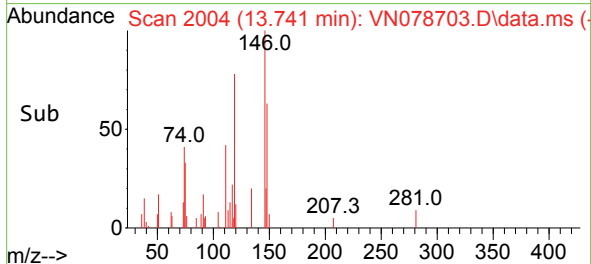
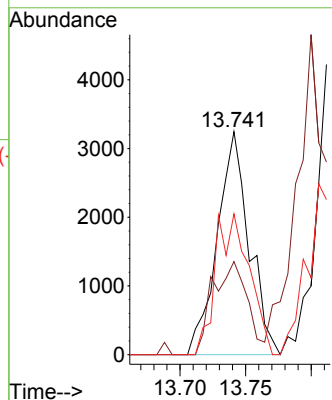
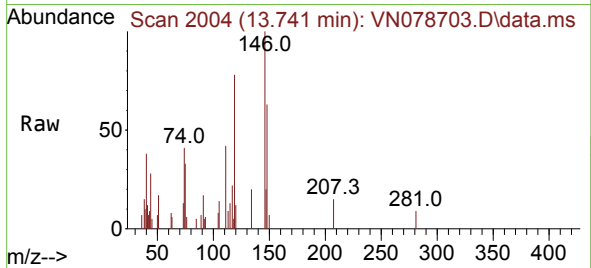




#88
1,4-Dichlorobenzene
Concen: 0.352 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.077 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

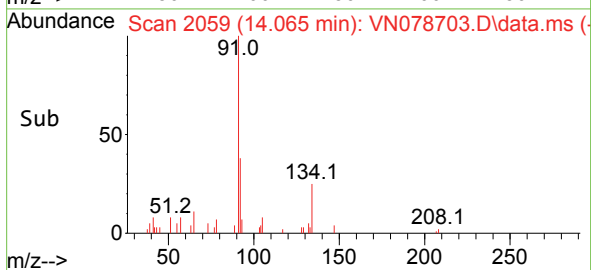
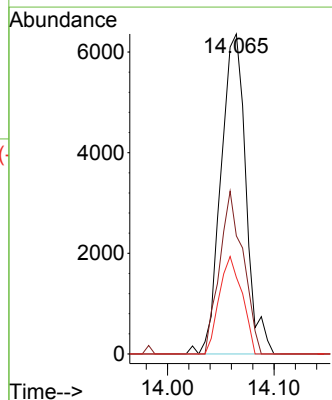
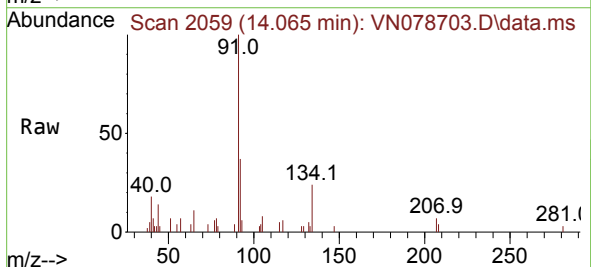
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

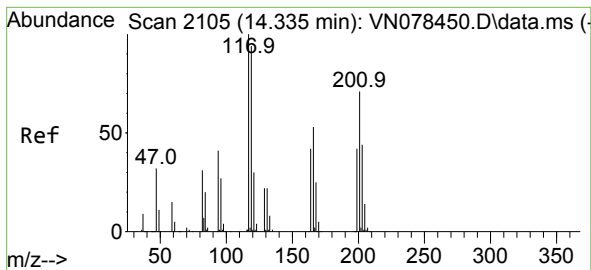
Tgt Ion:146 Resp: 5487
Ion Ratio Lower Upper
146 100
111 45.5 20.6 61.8
148 67.0 31.6 94.8



#89
n-Butylbenzene
Concen: 0.526 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

Tgt Ion: 91 Resp: 10327
Ion Ratio Lower Upper
91 100
92 48.1 26.4 79.0
134 27.9 12.6 37.6





#90

Hexachloroethane

Concen: Below Cal

RT: 14.329 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

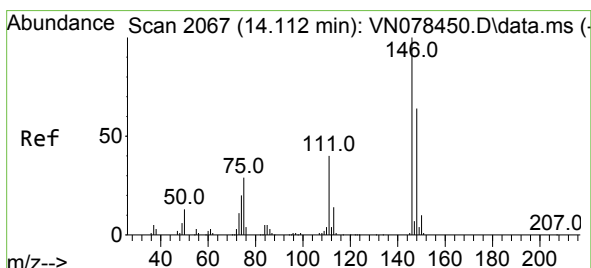
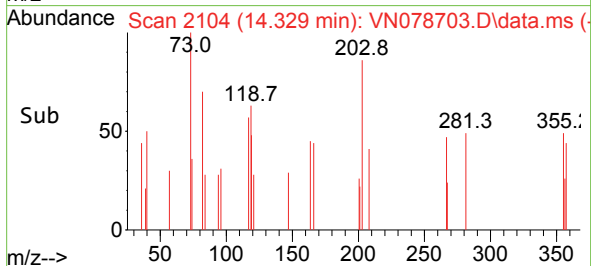
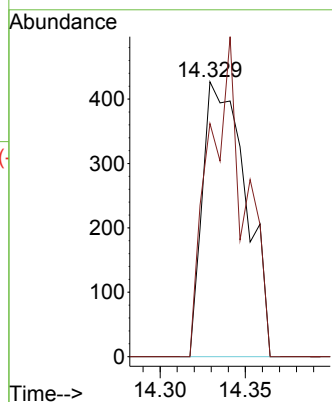
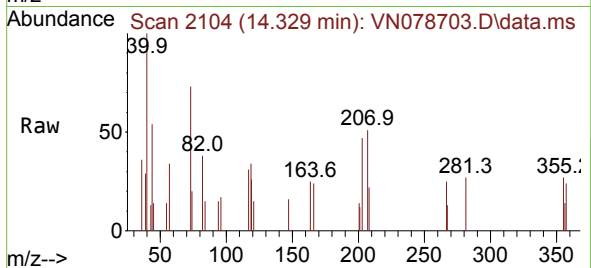
PB154517TB

Tgt Ion:117 Resp: 751

Ion Ratio Lower Upper

117 100

201 96.8 29.3 88.0#



#91

1,2-Dichlorobenzene

Concen: 0.342 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078703.D

Acq: 31 Jul 2023 14:23

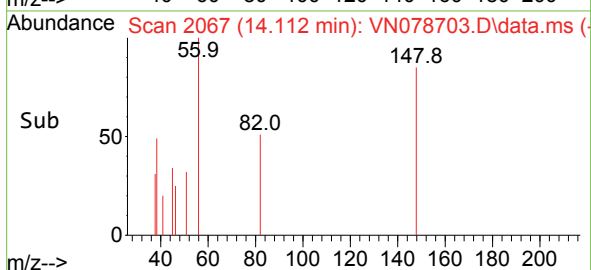
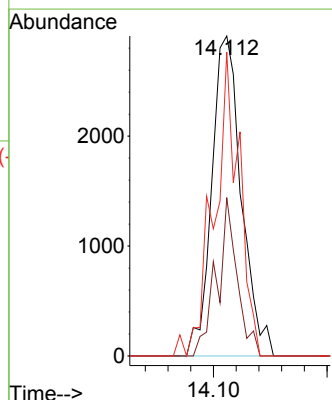
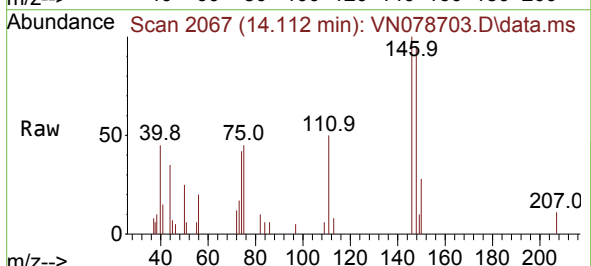
Tgt Ion:146 Resp: 5270

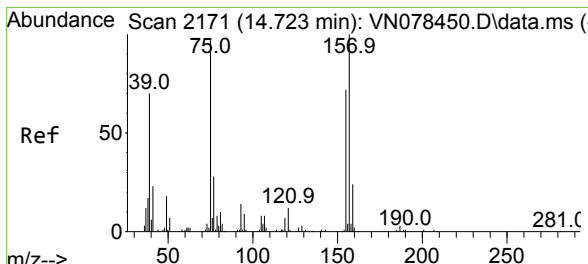
Ion Ratio Lower Upper

146 100

111 34.0 22.0 66.0

148 81.4 31.8 95.3

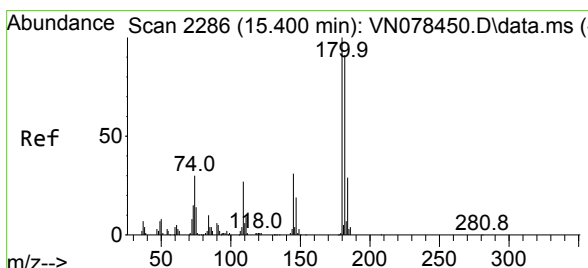
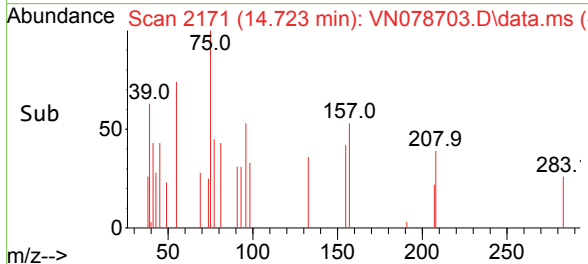
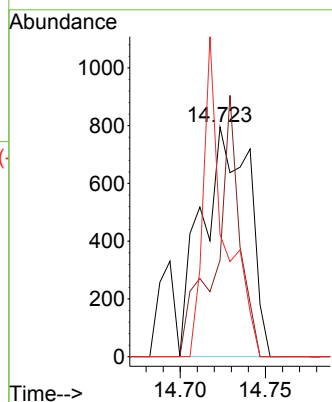
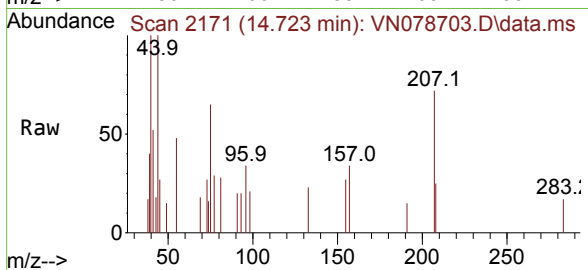




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078703.D
 Acq: 31 Jul 2023 14:23

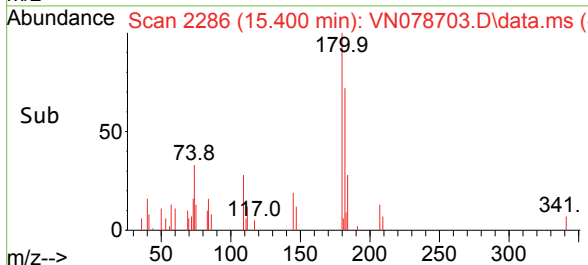
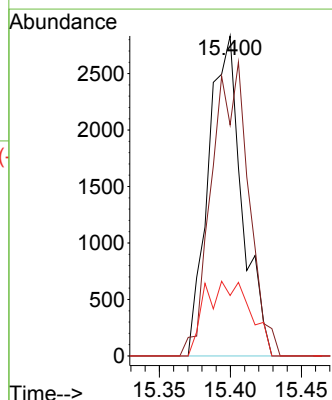
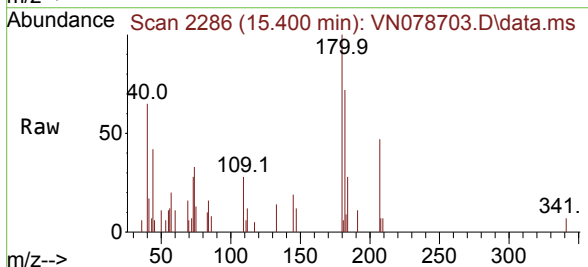
Instrument :
 MSVOA_N
 ClientSampleId :
 PB154517TB

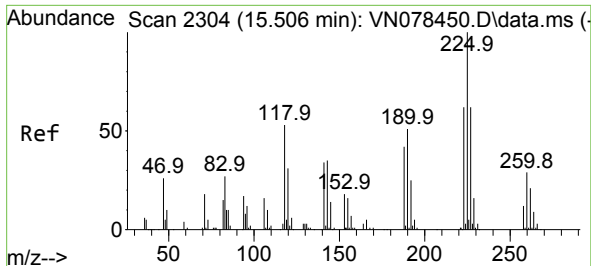
Tgt Ion: 75 Resp: 1529
 Ion Ratio Lower Upper
 75 100
 155 58.3 39.1 117.2
 157 62.1 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 0.948 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN078703.D
 Acq: 31 Jul 2023 14:23

Tgt Ion: 180 Resp: 4661
 Ion Ratio Lower Upper
 180 100
 182 100.5 46.1 138.2
 145 31.5 16.6 49.8

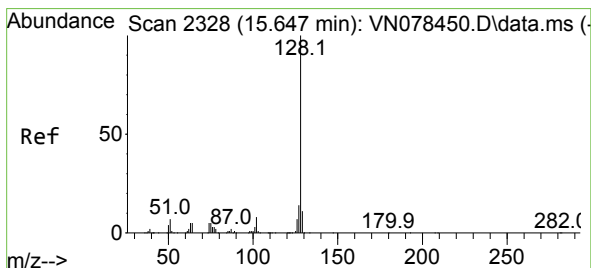
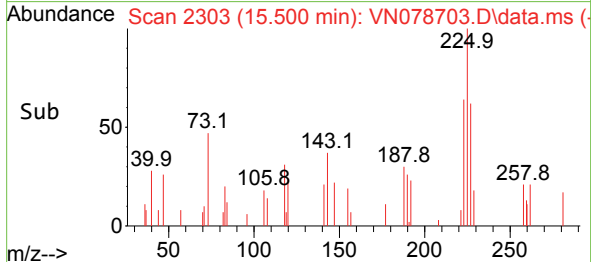
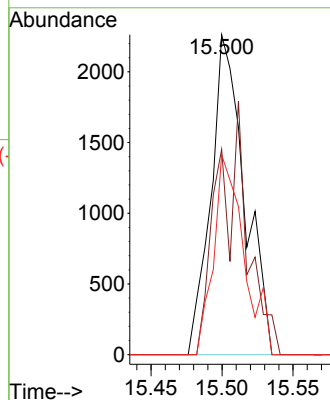
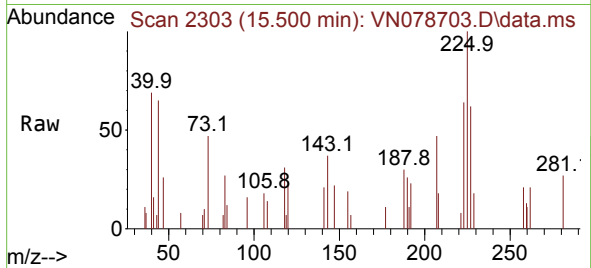




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

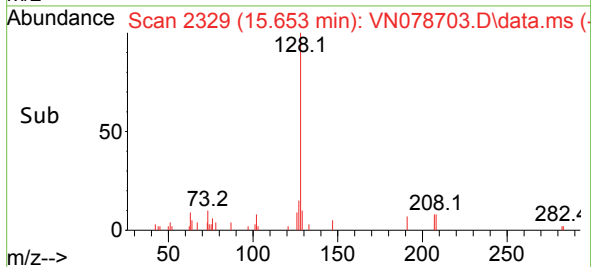
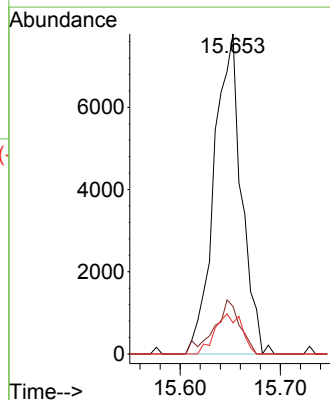
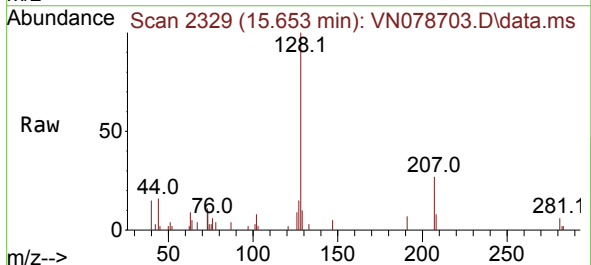
Instrument :
MSVOA_N
ClientSampleId :
PB154517TB

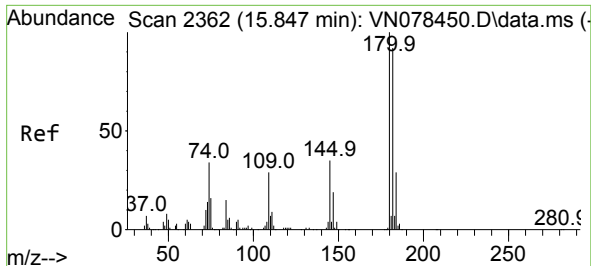
Tgt Ion:225 Resp: 3728
Ion Ratio Lower Upper
225 100
223 34.7 31.3 93.8
227 56.1 31.9 95.9



#95
Naphthalene
Concen: 0.877 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN078703.D
Acq: 31 Jul 2023 14:23

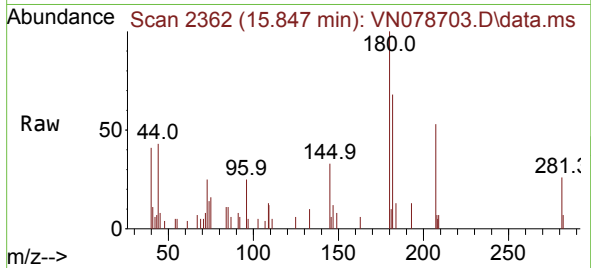
Tgt Ion:128 Resp: 14732
Ion Ratio Lower Upper
128 100
127 15.9 10.0 15.0#
129 12.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.185 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078703.D
 Acq: 31 Jul 2023 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154517TB



Tgt Ion:	180	Resp:	6699
Ion	Ratio	Lower	Upper
180	100		
182	76.2	46.2	138.6
145	39.1	17.5	52.6

