

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079121.D
 Acq On : 01 Sep 2023 14:34
 Operator : JC\MD
 Sample : PB155232TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 23:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	258530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	477576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	449158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	185270	46.053	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.100%
35) Dibromofluoromethane	8.171	113	165757	51.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.120%
50) Toluene-d8	10.571	98	588840	49.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.853	95	185902	47.647	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	1128	0.225	ug/l #	86
5) Bromomethane	2.959	94	539	0.214	ug/l #	55
10) Methyl Iodide	4.600	142	795	0.249	ug/l #	81
13) Acrolein	4.195	56	57	6.980	ug/l #	1
15) Acrylonitrile	5.736	53	572	0.313	ug/l #	58
16) Acetone	4.436	43	28424	17.124	ug/l	90
17) Carbon Disulfide	4.712	76	2219	0.286	ug/l #	75
18) Methyl Acetate	5.042	43	2991	0.427	ug/l #	50
20) Methylene Chloride	5.289	84	25115	7.100	ug/l #	91
25) 2-Butanone	7.494	43	9389	3.528	ug/l #	84
29) Tetrahydrofuran	7.853	42	624	0.354	ug/l #	33
31) Cyclohexane	8.224	56	5323	Below Cal	#	1
36) 1,1-Dichloropropene	8.230	75	22145	4.579	ug/l #	41
37) Ethyl Acetate	7.577	43	4623	0.854	ug/l #	78
38) Carbon Tetrachloride	8.230	117	27323	5.639	ug/l #	15
42) 1,2-Dichloroethane	8.688	62	1449	0.271	ug/l #	73
43) Isopropyl Acetate	8.694	43	181137	18.941	ug/l #	84
45) 1,2-Dichloropropane	9.735	63	2677	0.703	ug/l #	45
48) Methyl methacrylate	9.747	41	157314	36.301	ug/l #	26
49) 1,4-Dioxane	9.741	88	76	1.030	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	33755	5.951	ug/l #	82
54) cis-1,3-Dichloropropene	10.365	75	70241	11.668	ug/l #	66
57) 1,3-Dichloropropane	11.206	76	9527	1.514	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.165	63	858	0.328	ug/l #	53
59) 2-Hexanone	11.206	43	105262	25.622	ug/l #	51
74) N-amyl acetate	12.494	43	3173	0.565	ug/l #	51
76) 1,2,3-Trichloropropane	12.853	75	94244	29.292	ug/l #	1
77) Bromobenzene	12.982	156	672	0.251	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	94244	74.828	ug/l #	15
85) sec-Butylbenzene	13.617	105	2094	0.205	ug/l	89
86) p-Isopropyltoluene	13.735	119	1753	0.215	ug/l	87
87) 1,3-Dichlorobenzene	13.741	146	1288	0.280	ug/l	84
88) 1,4-Dichlorobenzene	13.741	146	1288	0.279	ug/l	85
89) n-Butylbenzene	14.059	91	2500	0.373	ug/l	89
91) 1,2-Dichlorobenzene	14.123	146	1489	0.325	ug/l	81
92) 1,2-Dibromo-3-Chloropr...	14.711	75	65	Below Cal	#	39

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Quant Time: Sep 01 23:12:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

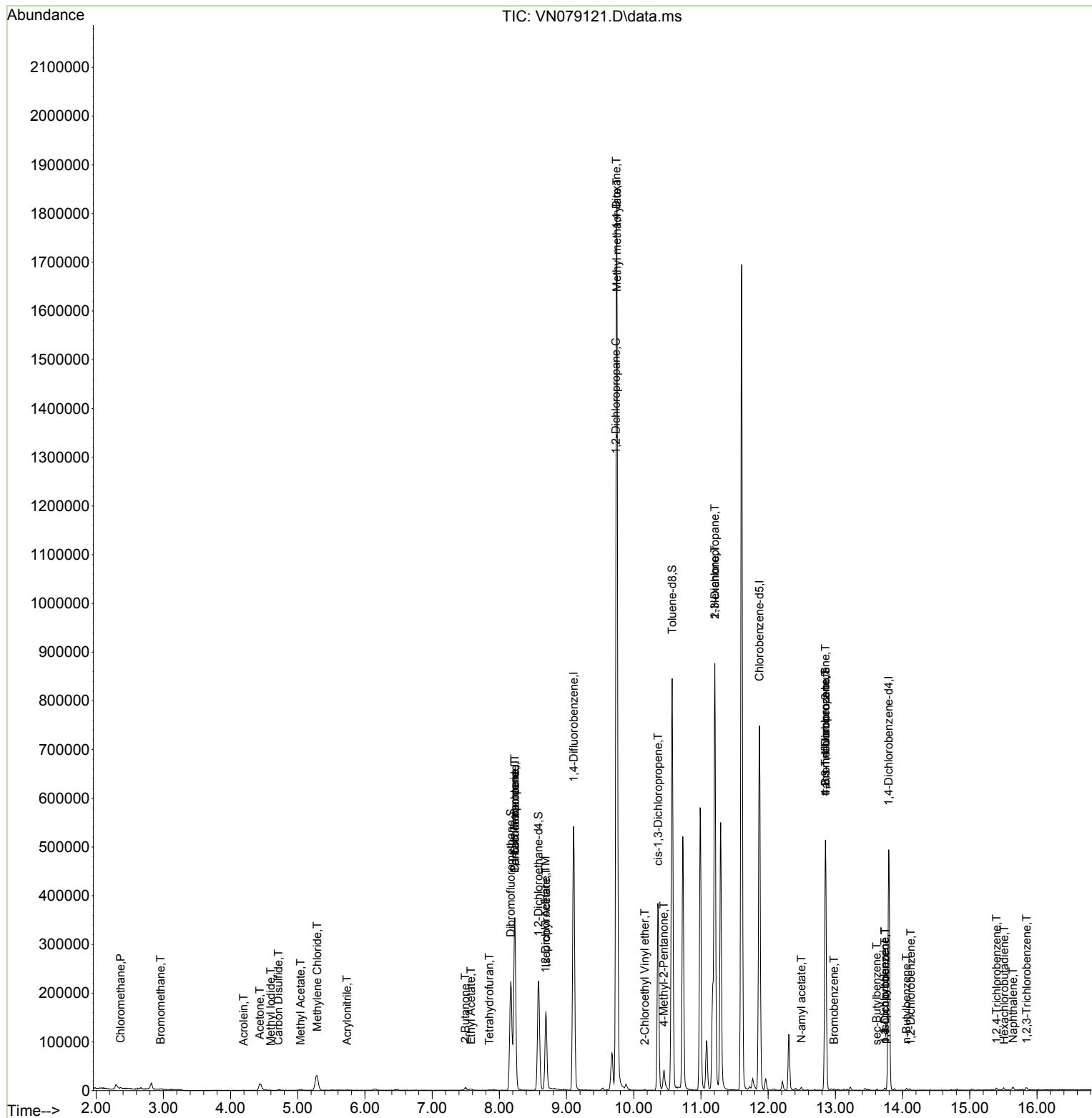
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.400	180	1639	1.010	ug/l	95
94) Hexachlorobutadiene	15.511	225	853	0.692	ug/l #	72
95) Naphthalene	15.647	128	5551	3.430	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.847	180	2168	1.219	ug/l	95

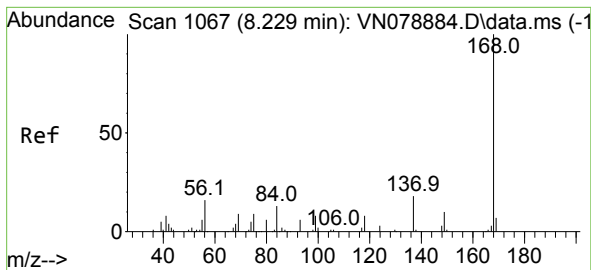
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN079123\
 Data File : VN079121.D
 Acq On : 01 Sep 2023 14:34
 Operator : JC\MD
 Sample : PB155232TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 23:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

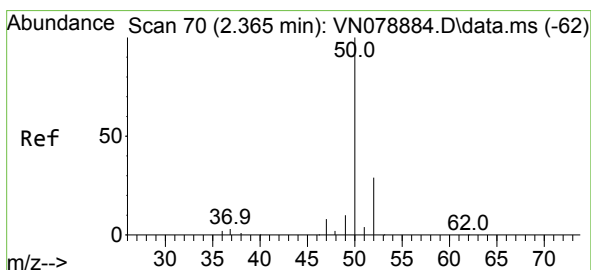
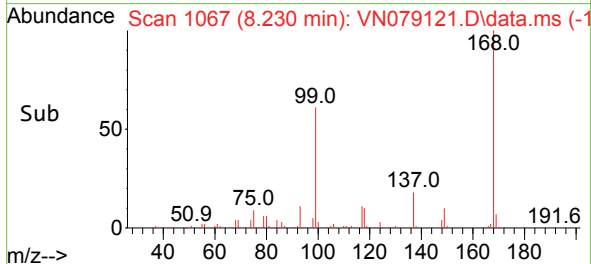
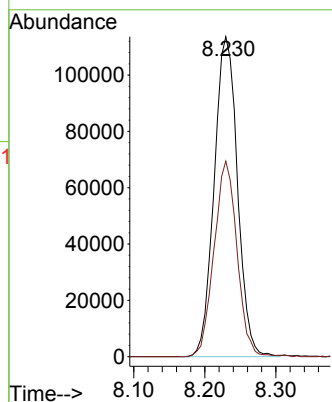
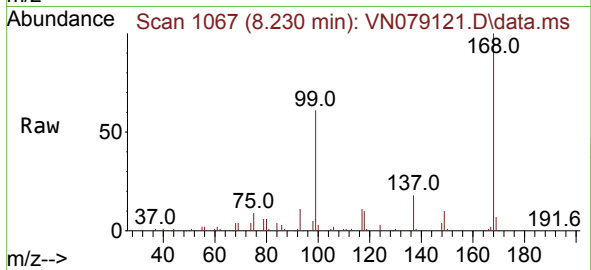
ClientSampleId :

Tgt Ion:168 Resp: 258530

Ion Ratio Lower Upper

168 100

99 61.1 53.0 79.6



#3

Chloromethane

Concen: 0.225 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079121.D

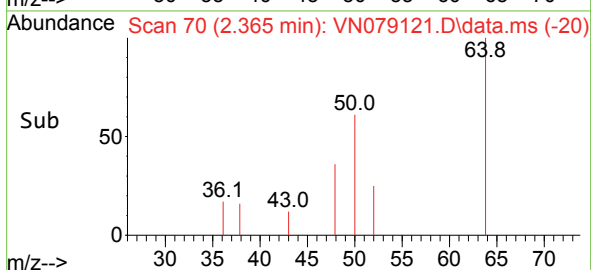
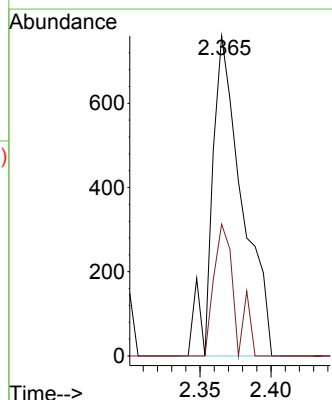
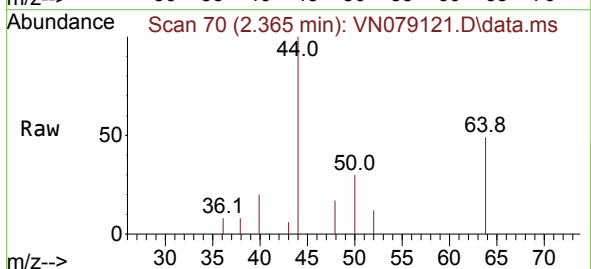
Acq: 01 Sep 2023 14:34

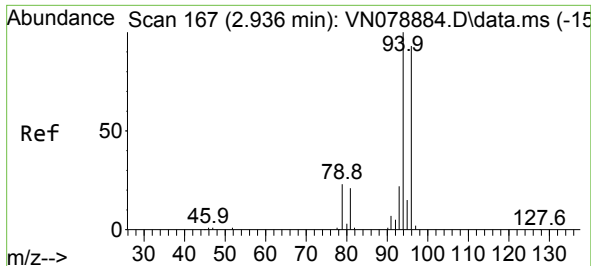
Tgt Ion: 50 Resp: 1128

Ion Ratio Lower Upper

50 100

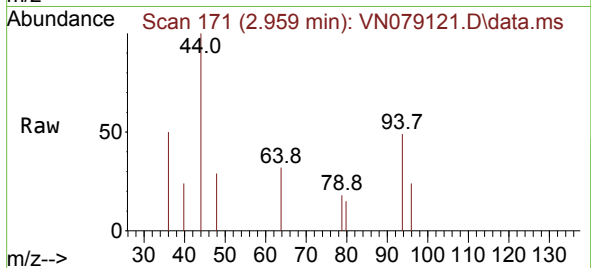
52 41.2 26.5 39.7#



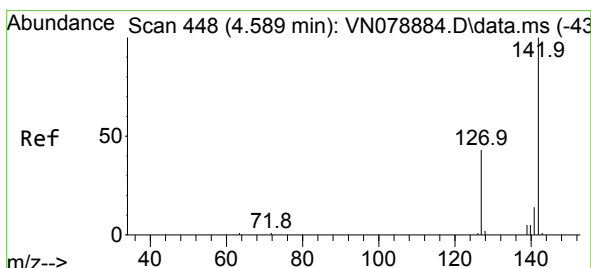
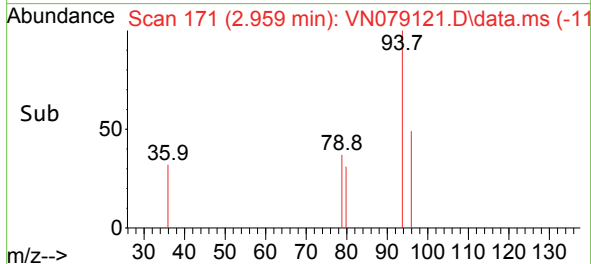
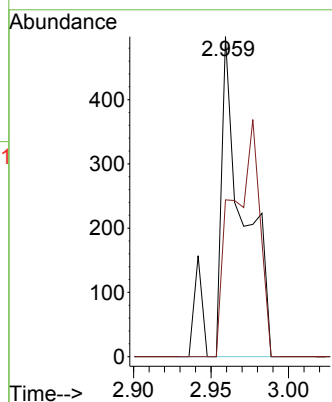


#5
Bromomethane
Concen: 0.214 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :

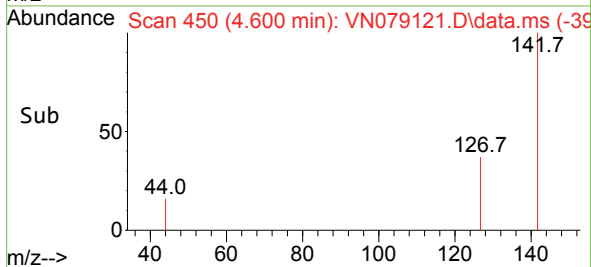
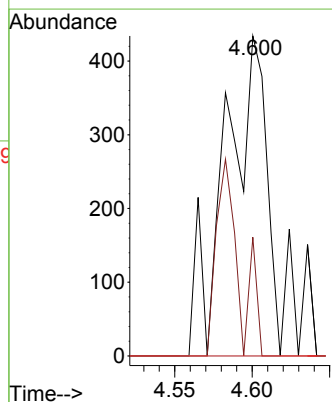
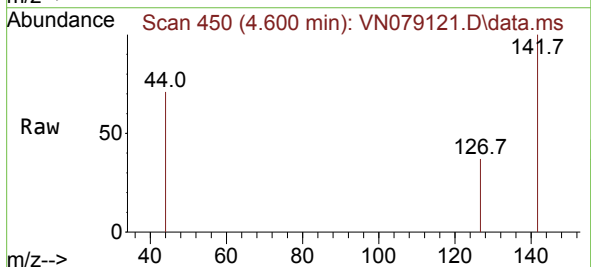


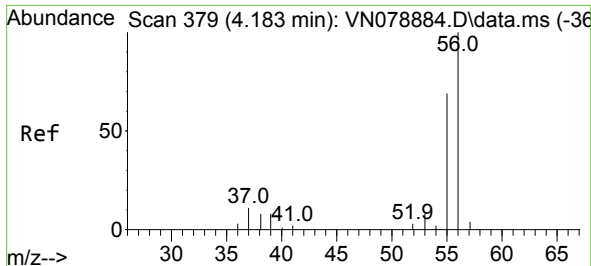
Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 49.0 73.1 109.7#



#10
Methyl Iodide
Concen: 0.249 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

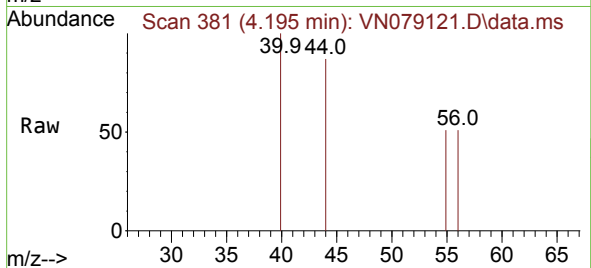
Tgt Ion: 142 Resp: 795
Ion Ratio Lower Upper
142 100
127 37.1 37.6 56.4#
141 0.0 11.4 17.0#



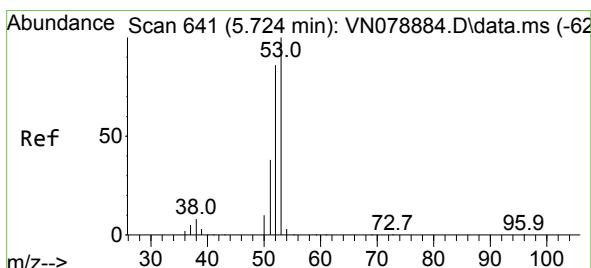
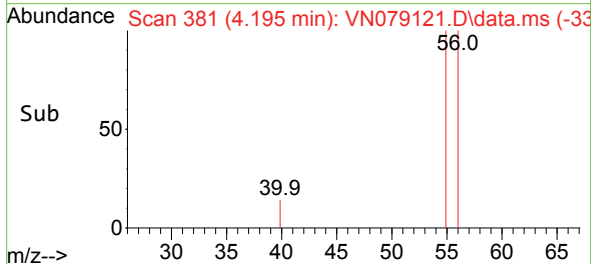
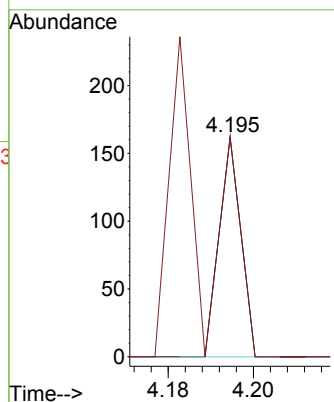


#13
Acrolein
Concen: 6.980 ug/l
RT: 4.195 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :

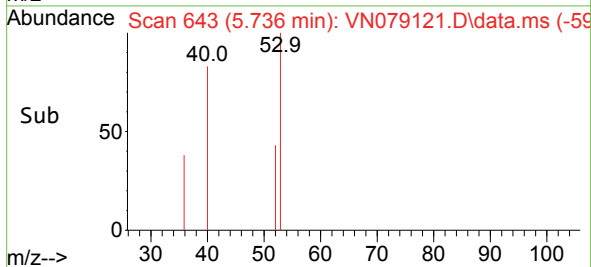
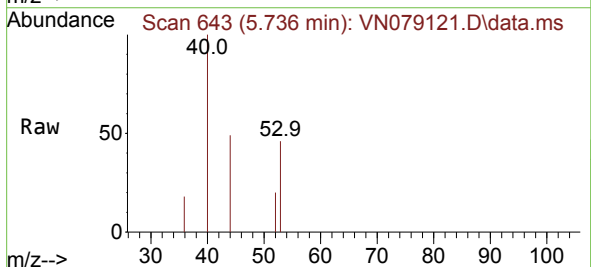
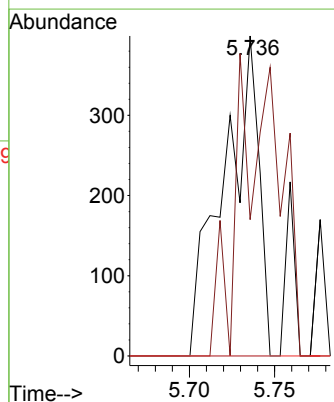


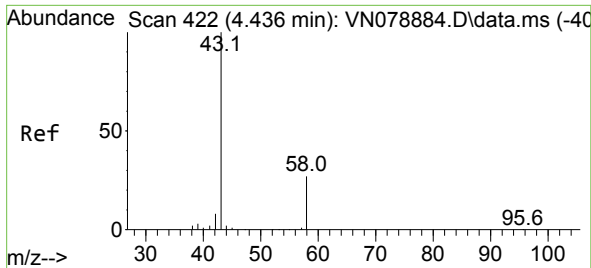
Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 245.6 54.5 81.7#



#15
Acrylonitrile
Concen: 0.313 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 53 Resp: 572
Ion Ratio Lower Upper
53 100
52 111.5 65.3 97.9#
51 0.0 28.9 43.3#





#16

Acetone

Concen: 17.124 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

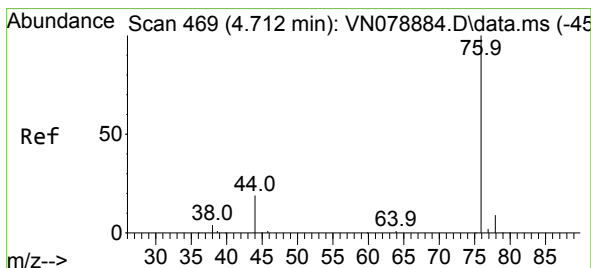
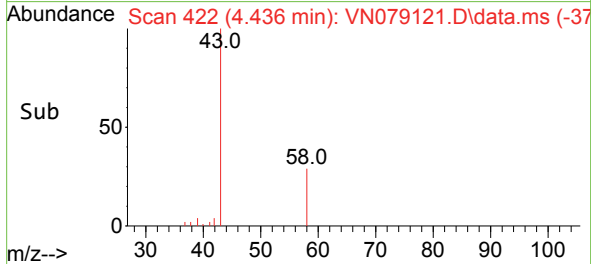
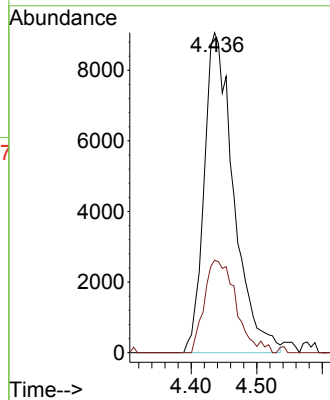
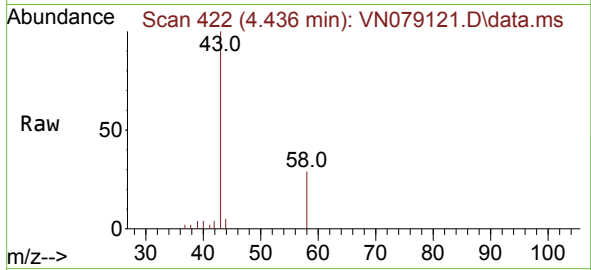
ClientSampleId :

Tgt Ion: 43 Resp: 28424

Ion Ratio Lower Upper

43 100

58 28.9 28.0 42.0



#17

Carbon Disulfide

Concen: 0.286 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.012 min

Lab File: VN079121.D

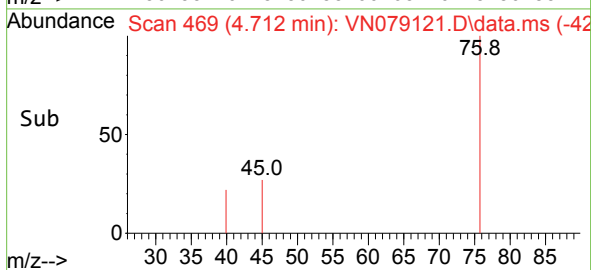
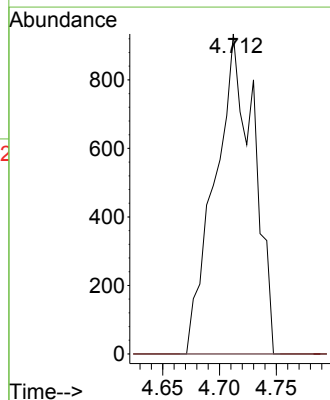
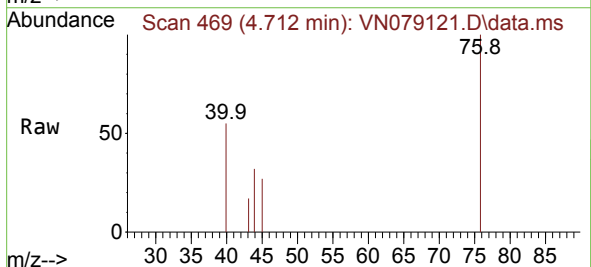
Acq: 01 Sep 2023 14:34

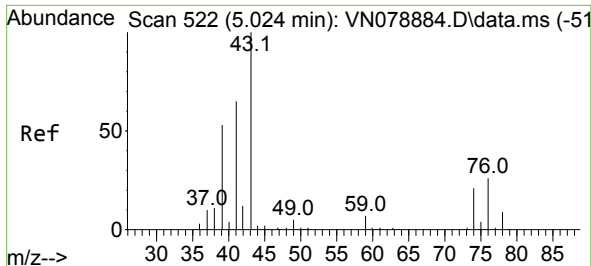
Tgt Ion: 76 Resp: 2219

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

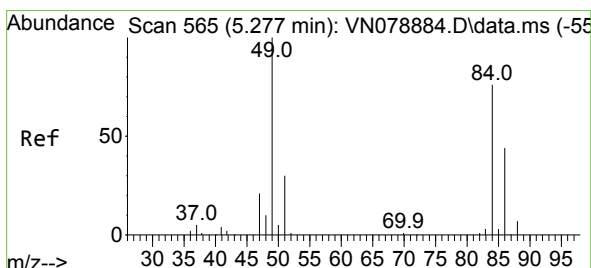
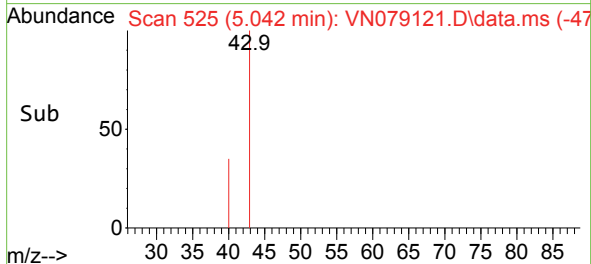
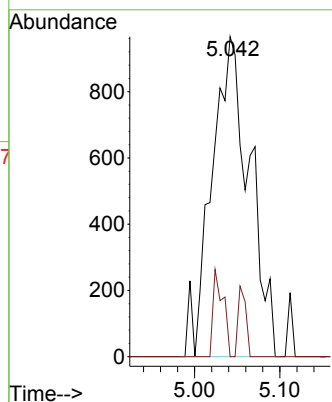
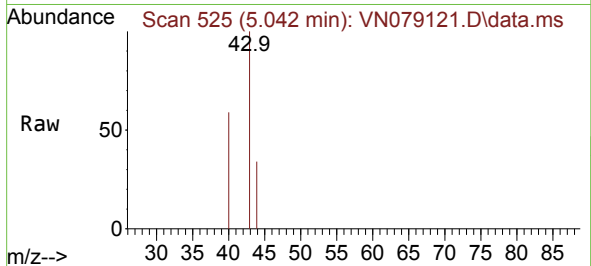




#18
Methyl Acetate
Concen: 0.427 ug/l
RT: 5.042 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

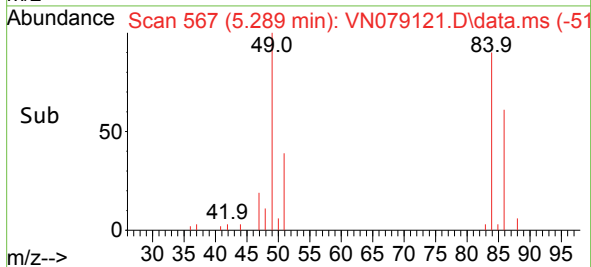
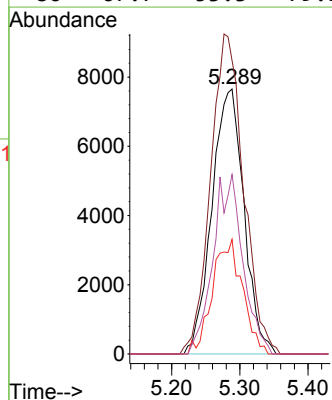
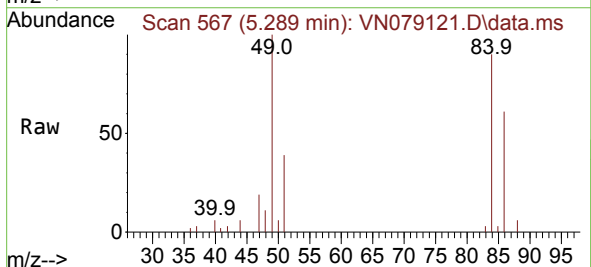
Instrument :
MSVOA_N
ClientSampleId :

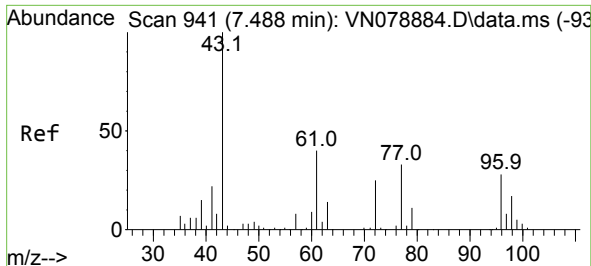
Tgt Ion: 43 Resp: 2991
Ion Ratio Lower Upper
43 100
74 4.4 26.2 39.4#



#20
Methylene Chloride
Concen: 7.100 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 84 Resp: 25115
Ion Ratio Lower Upper
84 100
49 110.8 79.7 119.5
51 43.2 25.2 37.8#
86 67.7 53.3 79.9





#25

2-Butanone

Concen: 3.528 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

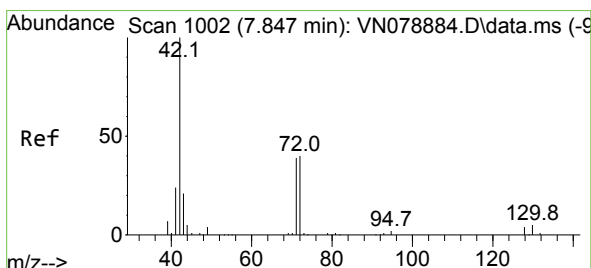
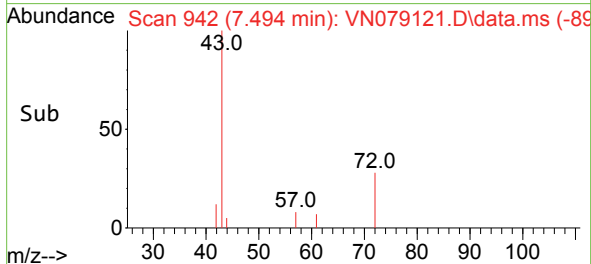
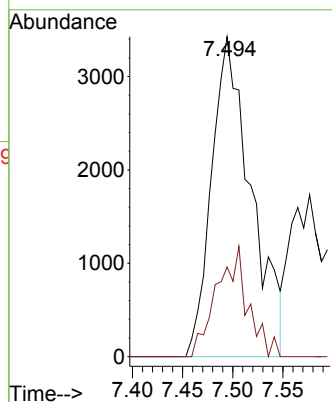
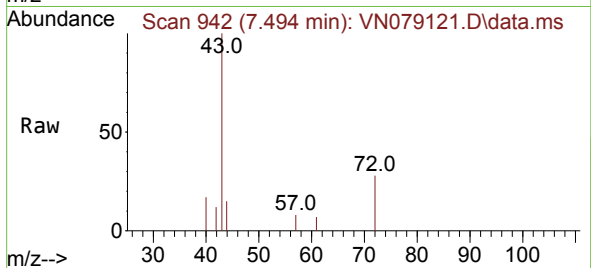
ClientSampleId :

Tgt Ion: 43 Resp: 9389

Ion Ratio Lower Upper

43 100

72 28.0 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.354 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

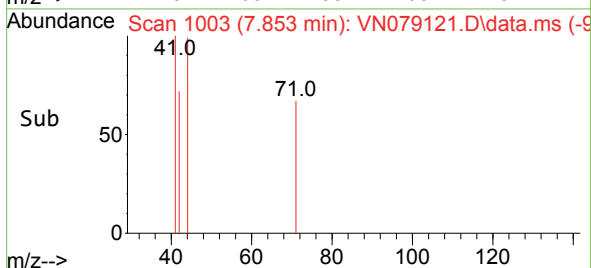
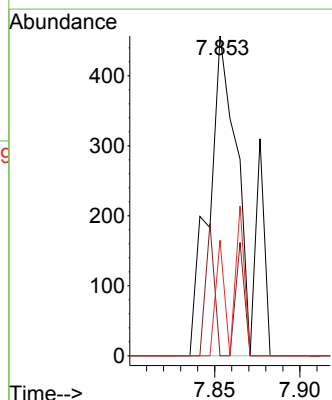
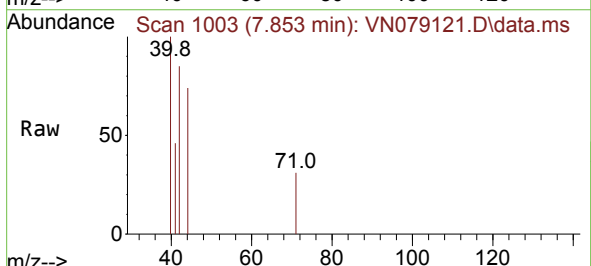
Tgt Ion: 42 Resp: 624

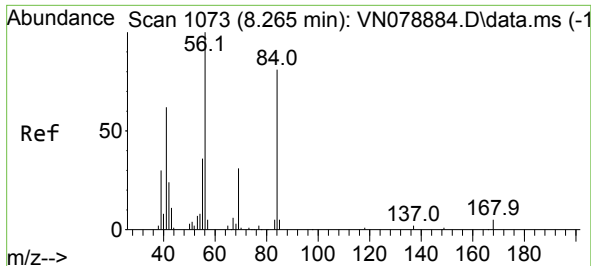
Ion Ratio Lower Upper

42 100

72 10.7 49.8 74.6#

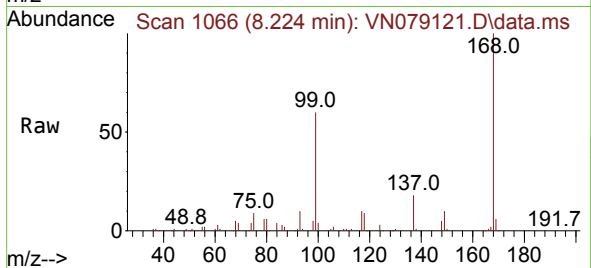
71 9.3 47.4 71.2#



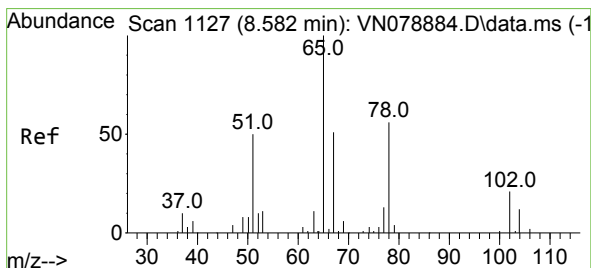
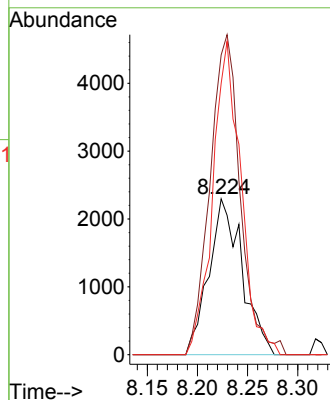
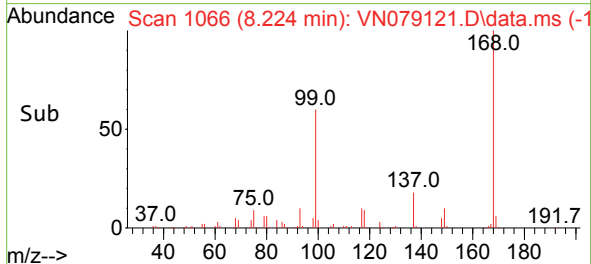


#31
Cyclohexane
Concen: Below Cal
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :

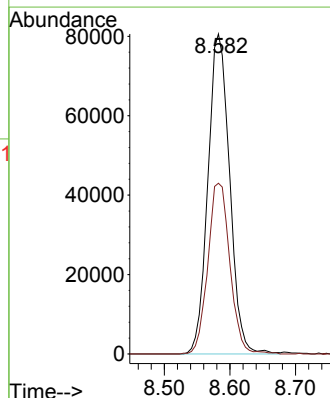
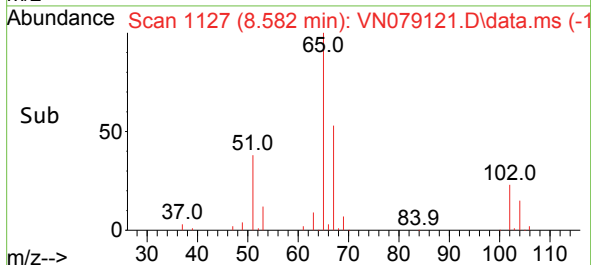
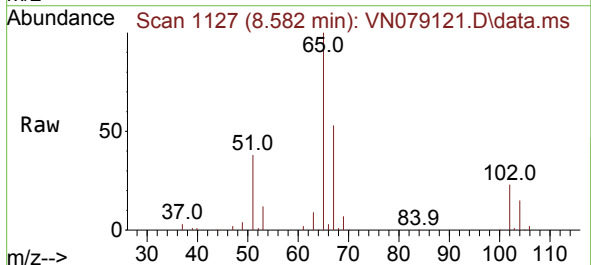


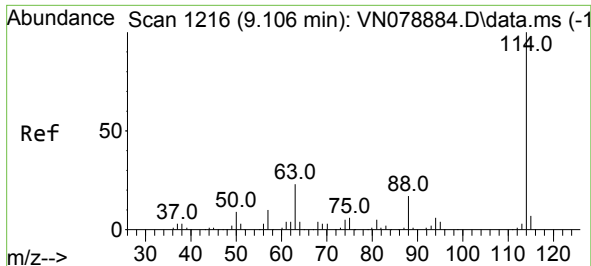
Tgt Ion: 56 Resp: 5323
Ion Ratio Lower Upper
56 100
69 192.3 26.8 40.2#
84 174.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.053 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 65 Resp: 185270
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

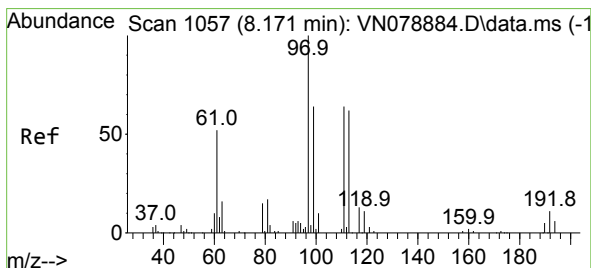
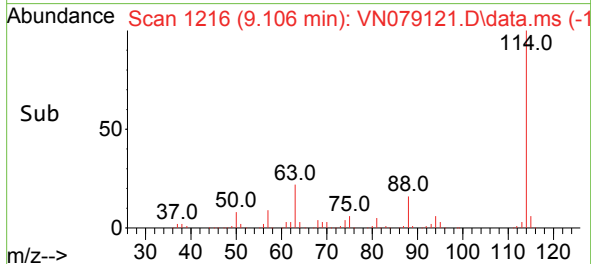
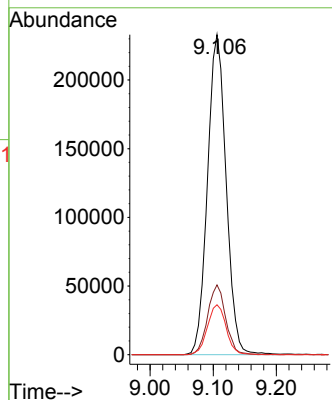
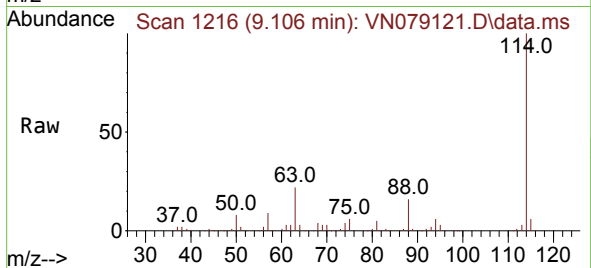
Tgt Ion:114 Resp: 477576

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.561 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

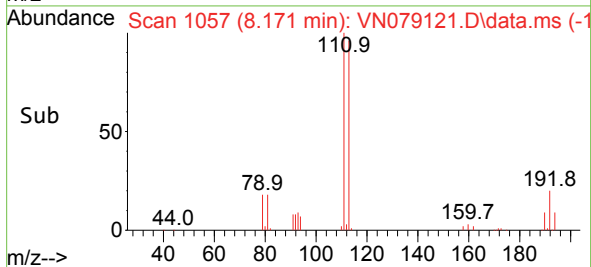
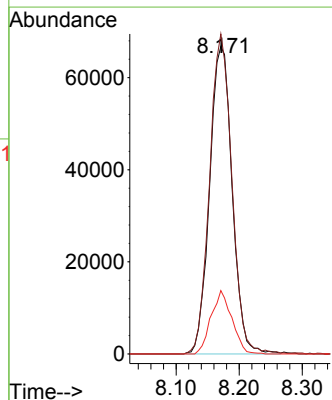
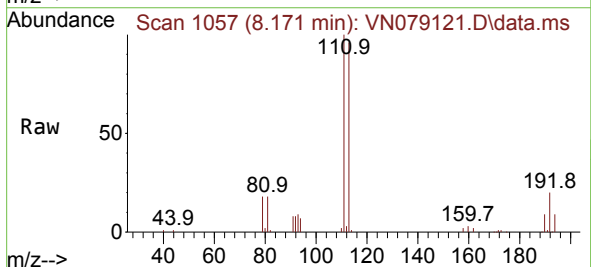
Tgt Ion:113 Resp: 165757

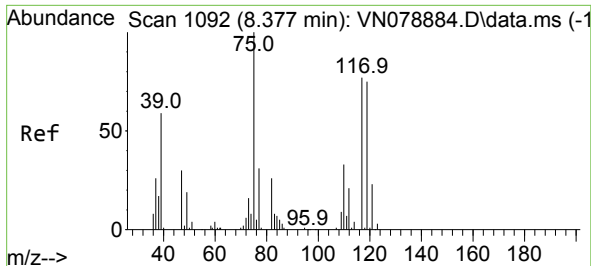
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 19.1 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.579 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.147 min

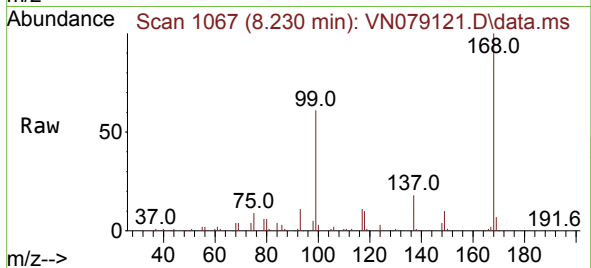
Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :



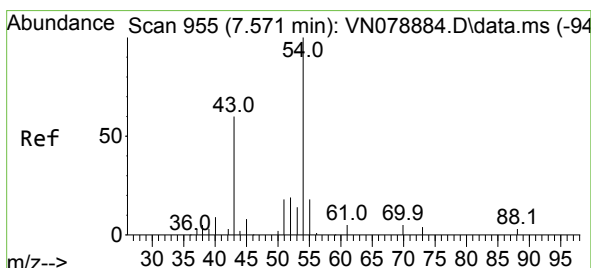
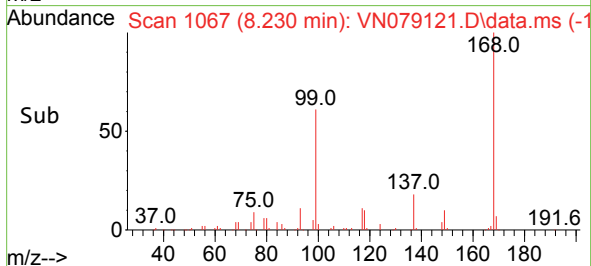
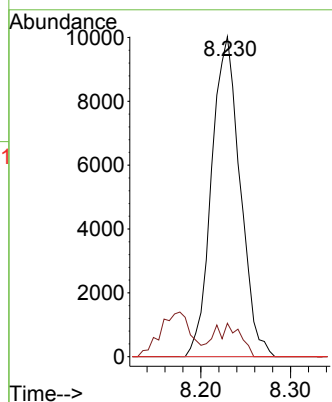
Tgt Ion: 75 Resp: 22145

Ion Ratio Lower Upper

75 100

110 1.7 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.854 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

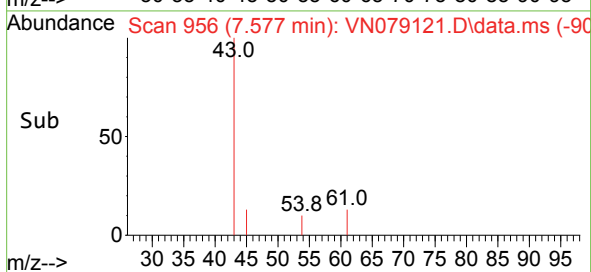
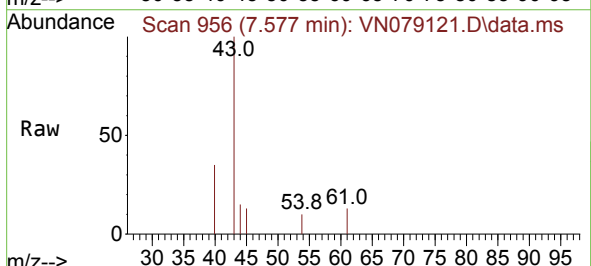
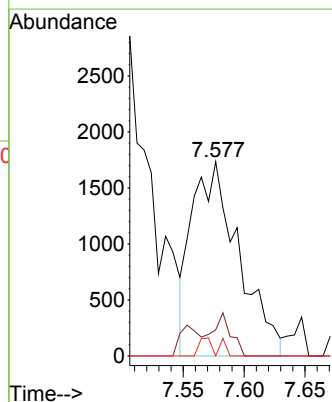
Tgt Ion: 43 Resp: 4623

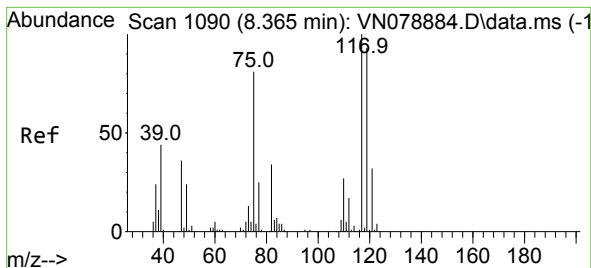
Ion Ratio Lower Upper

43 100

61 8.7 13.2 19.8#

70 3.6 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.639 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.141 min

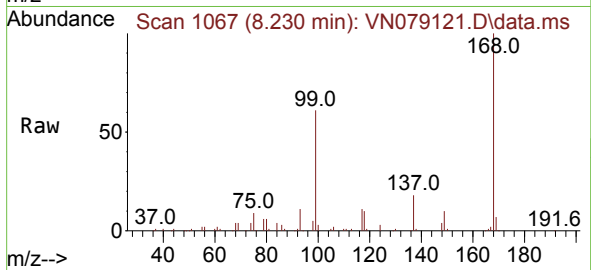
Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :



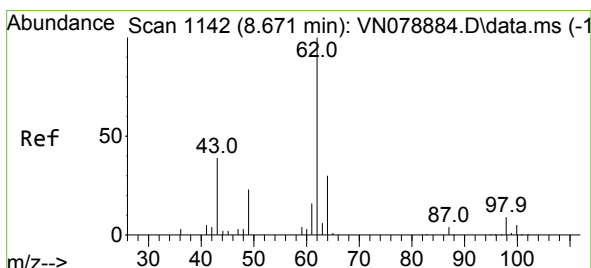
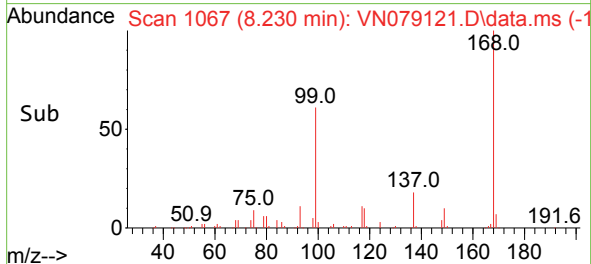
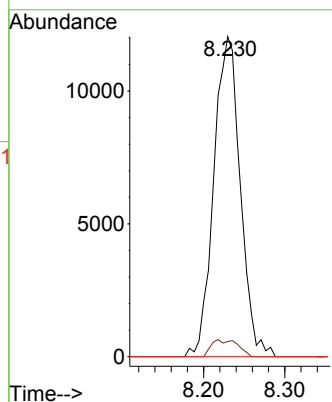
Tgt Ion:117 Resp: 27323

Ion Ratio Lower Upper

117 100

119 4.7 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.271 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.011 min

Lab File: VN079121.D

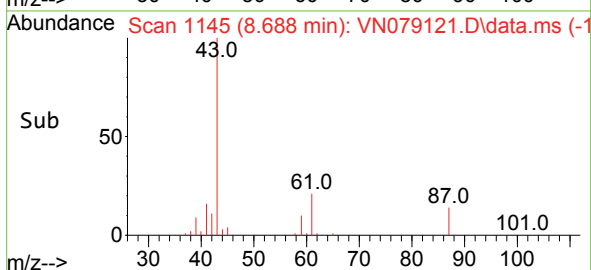
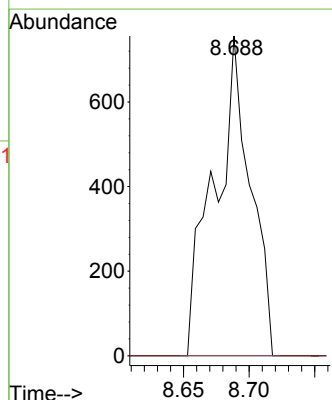
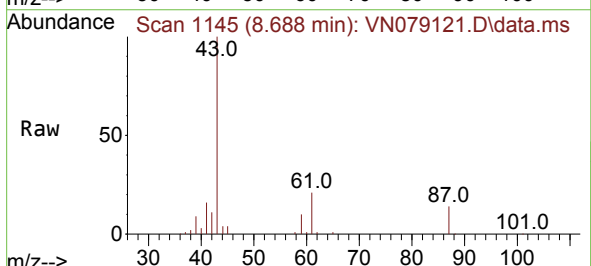
Acq: 01 Sep 2023 14:34

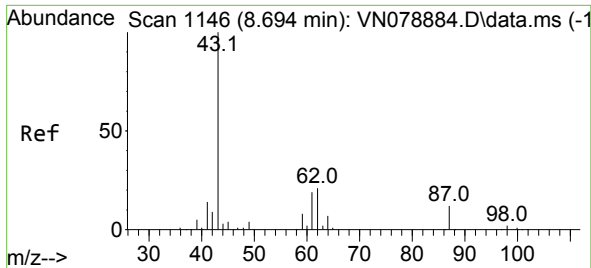
Tgt Ion: 62 Resp: 1449

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

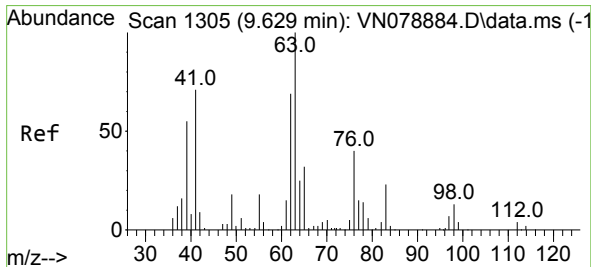
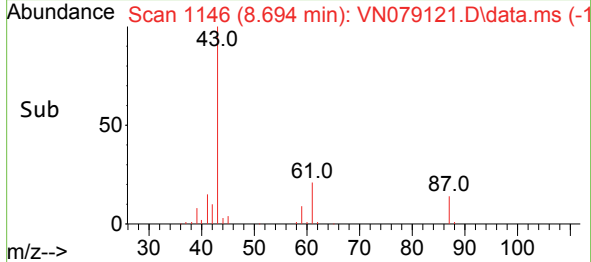
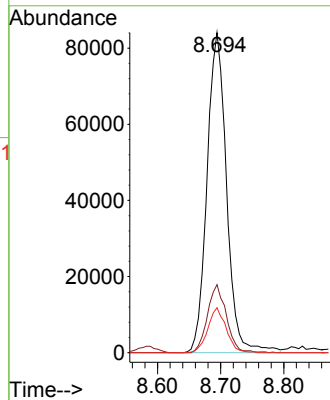
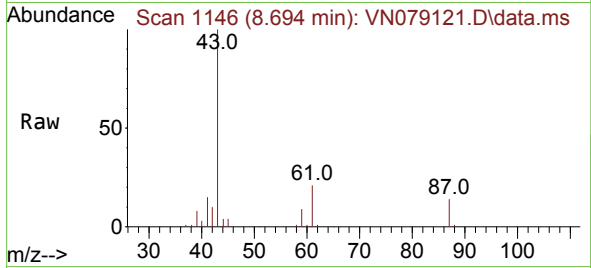




#43
Isopropyl Acetate
Concen: 18.941 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

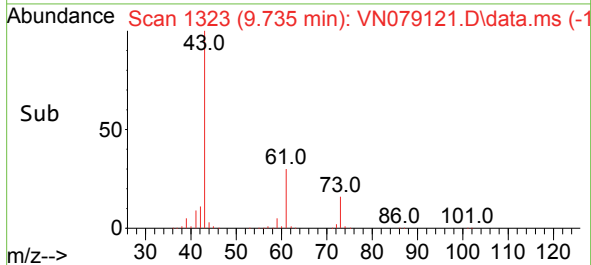
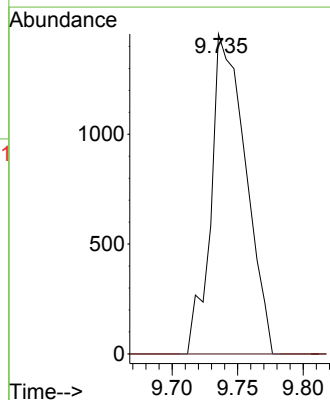
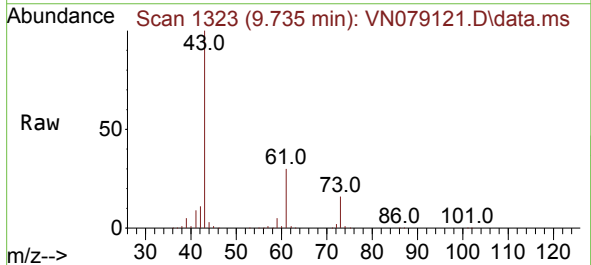
Instrument :
MSVOA_N
ClientSampleId :

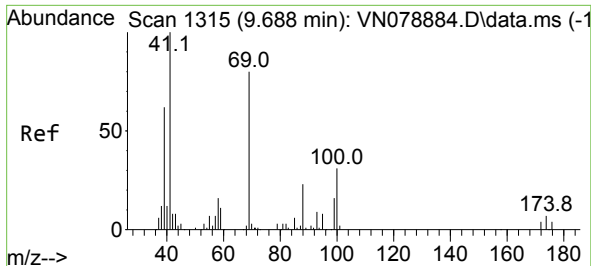
Tgt Ion: 43 Resp: 181137
Ion Ratio Lower Upper
43 100
61 20.5 24.7 37.1#
87 13.2 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.703 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.111 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 63 Resp: 2677
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#





#48

Methyl methacrylate

Concen: 36.301 ug/l

RT: 9.747 min Scan# 1

Delta R.T. 0.059 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

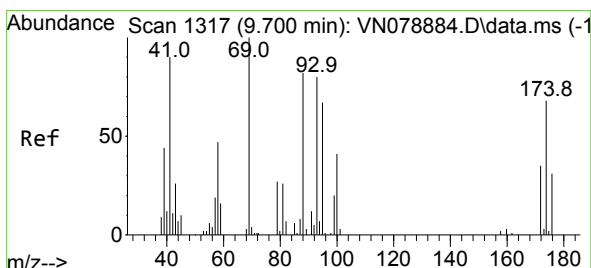
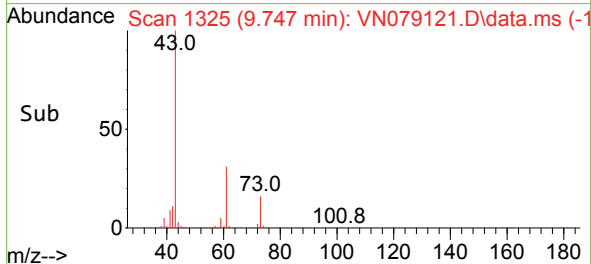
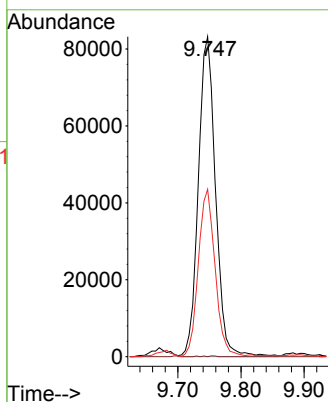
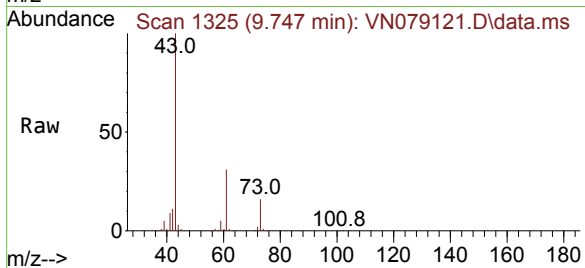
Tgt Ion: 41 Resp: 157314

Ion Ratio Lower Upper

41 100

69 0.1 90.4 135.6#

39 50.9 54.6 81.8#



#49

1,4-Dioxane

Concen: 1.030 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.041 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

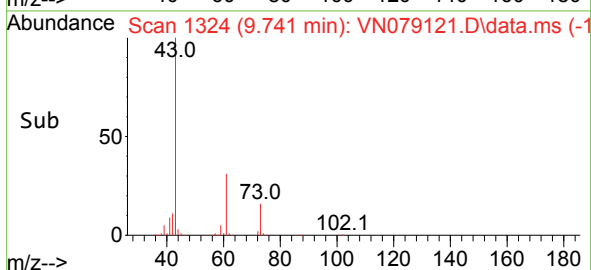
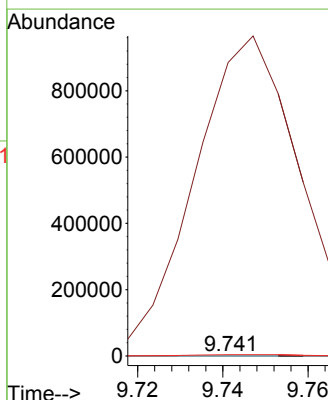
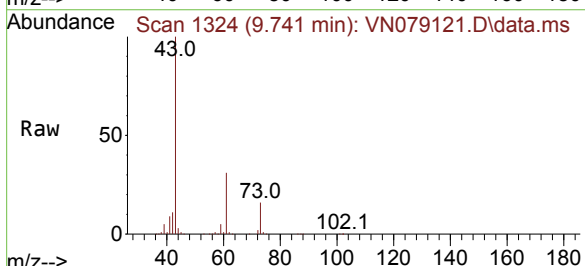
Tgt Ion: 88 Resp: 76

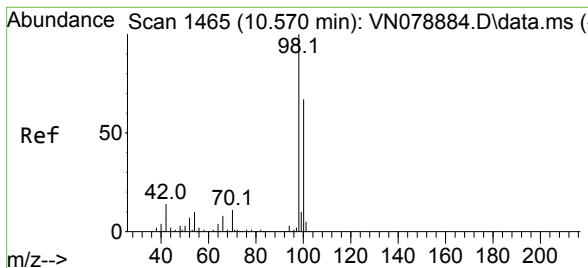
Ion Ratio Lower Upper

88 100

43 2294726.3 17.0 25.6#

58 10573.7 47.0 70.4#

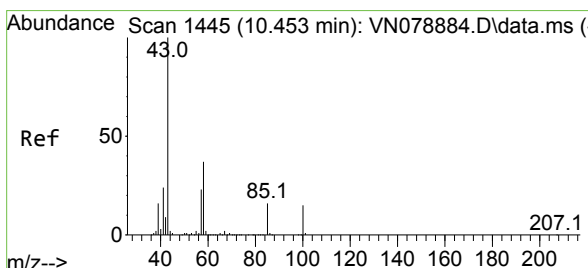
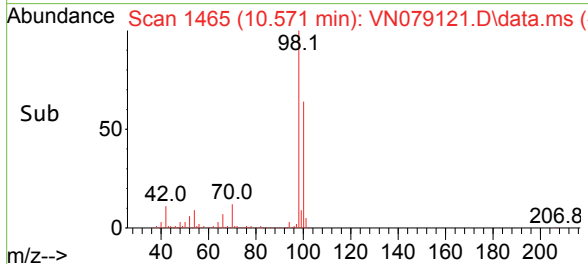
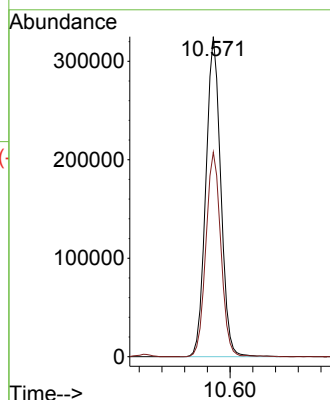
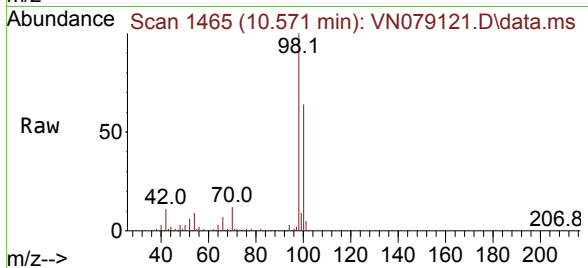




#50
Toluene-d8
Concen: 49.330 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

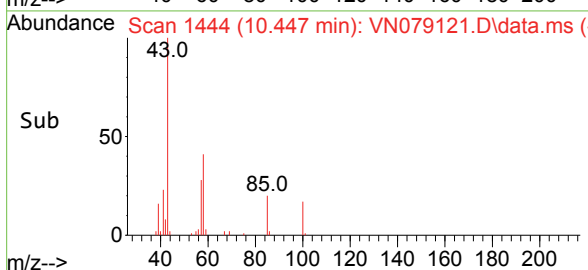
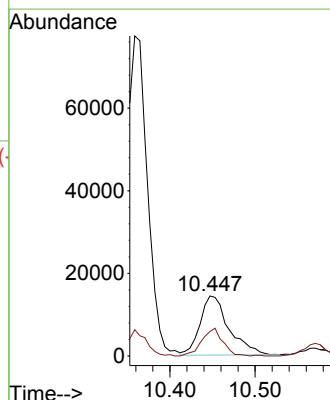
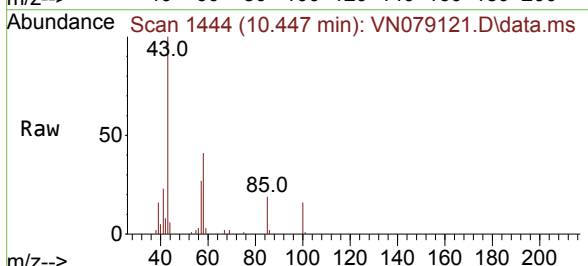
Instrument :
MSVOA_N
ClientSampleId :

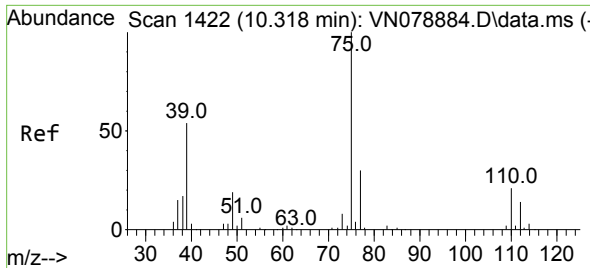
Tgt Ion: 98 Resp: 588840
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 5.951 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 43 Resp: 33755
Ion Ratio Lower Upper
43 100
58 33.8 36.6 54.8#

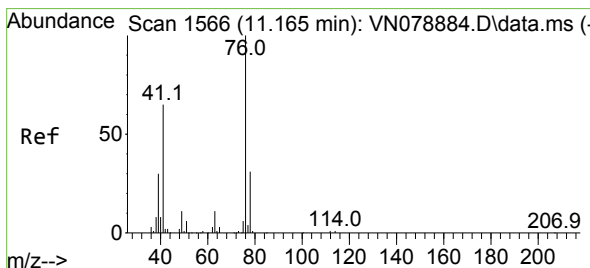
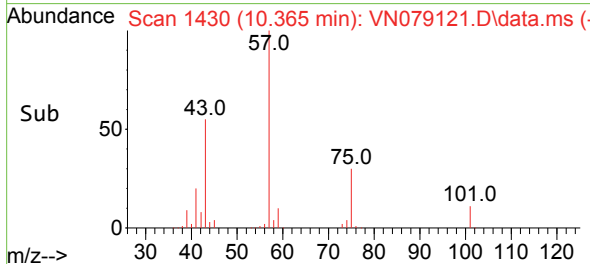
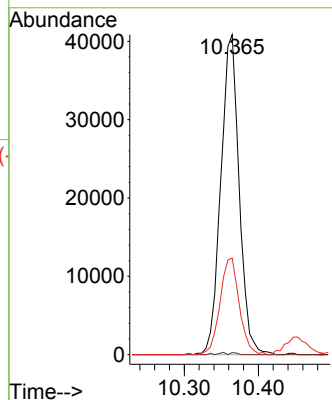
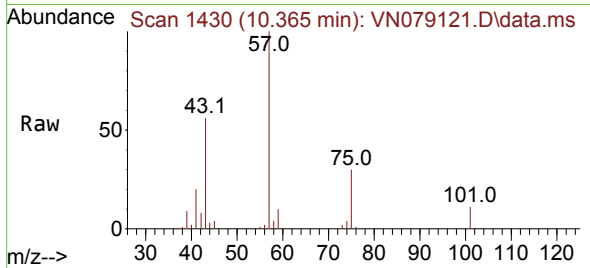




#54
 cis-1,3-Dichloropropene
 Concen: 11.668 ug/l
 RT: 10.365 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN079121.D
 Acq: 01 Sep 2023 14:34

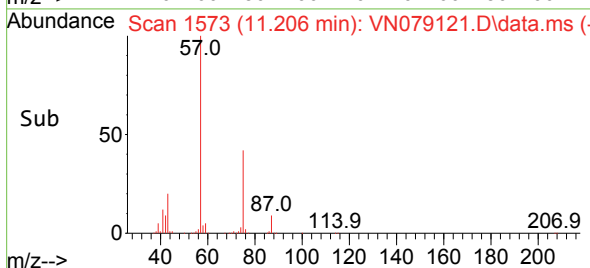
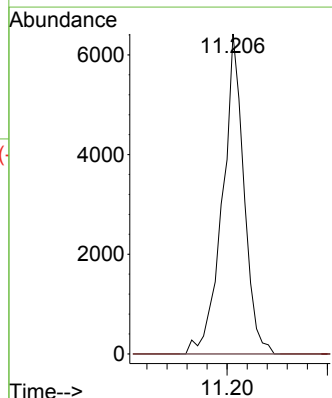
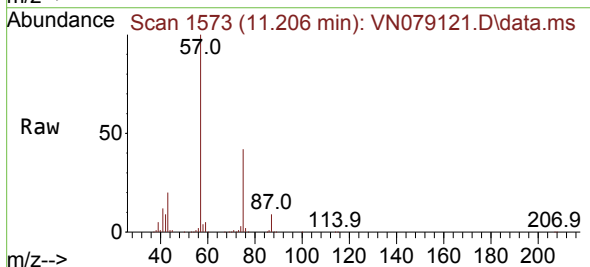
Instrument :
 MSVOA_N
 ClientSampleId :

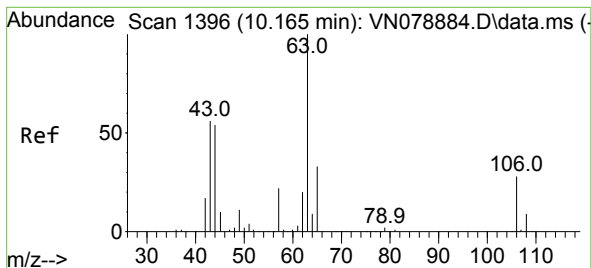
Tgt Ion: 75 Resp: 70241
 Ion Ratio Lower Upper
 75 100
 77 0.7 26.1 39.1#
 39 30.2 31.6 47.4#



#57
 1,3-Dichloropropane
 Concen: 1.514 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.041 min
 Lab File: VN079121.D
 Acq: 01 Sep 2023 14:34

Tgt Ion: 76 Resp: 9527
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

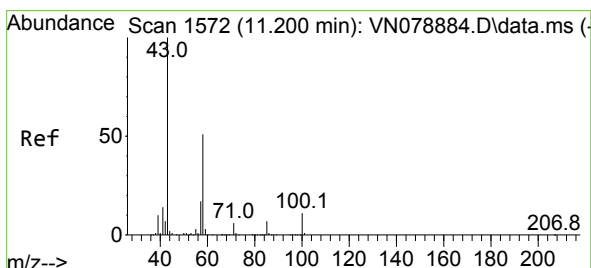
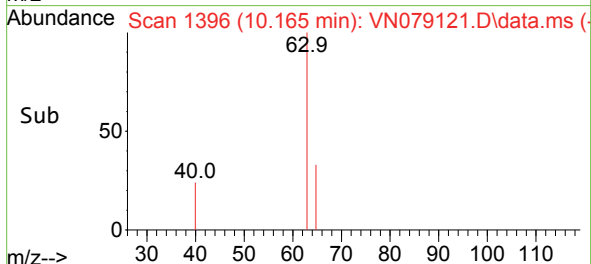
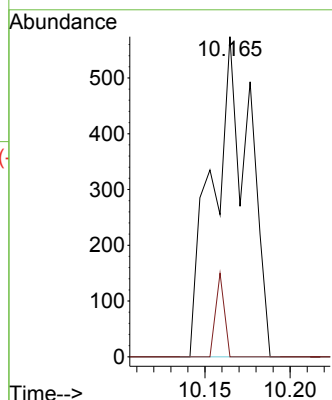
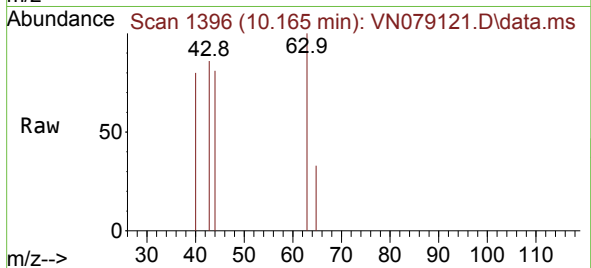




#58
2-Chloroethyl Vinyl ether
Concen: 0.328 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

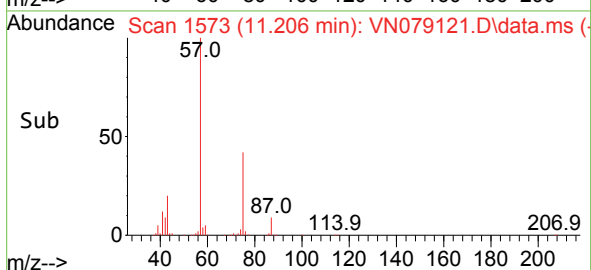
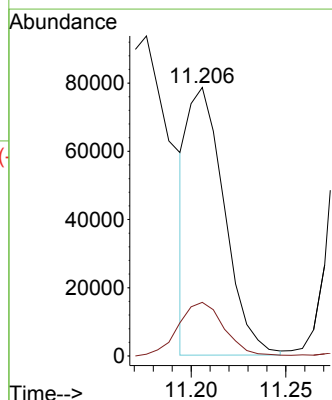
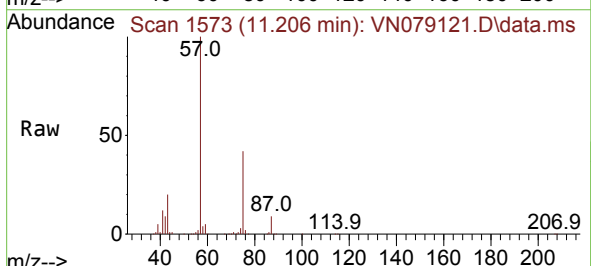
Instrument :
MSVOA_N
ClientSampleId :

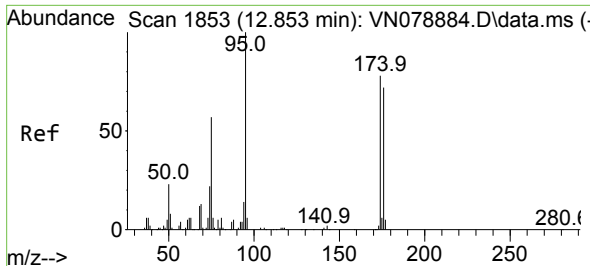
Tgt Ion: 63 Resp: 858
Ion Ratio Lower Upper
63 100
106 6.2 26.2 39.4#



#59
2-Hexanone
Concen: 25.622 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 43 Resp: 105262
Ion Ratio Lower Upper
43 100
58 25.2 31.7 95.1#

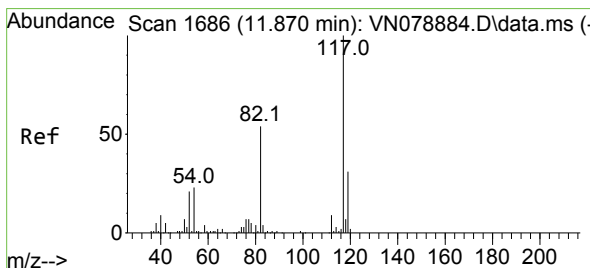
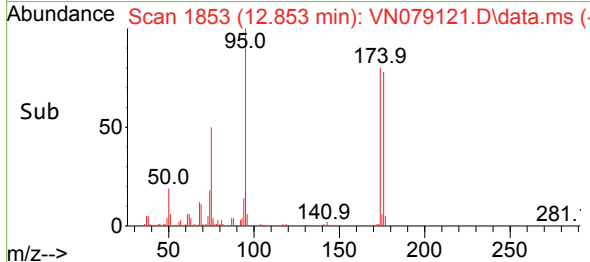
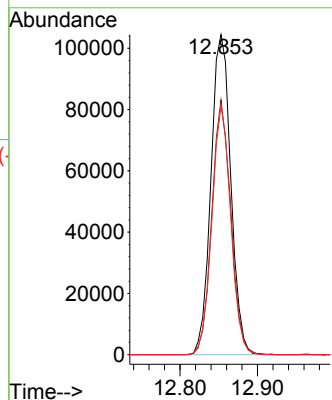
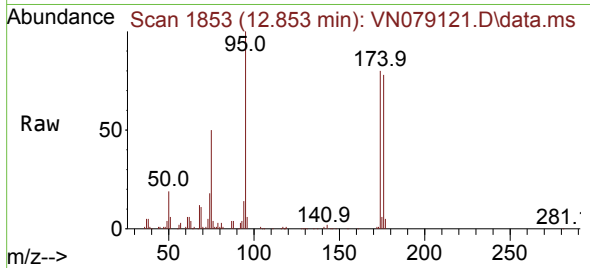




#62
4-Bromofluorobenzene
Concen: 47.647 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

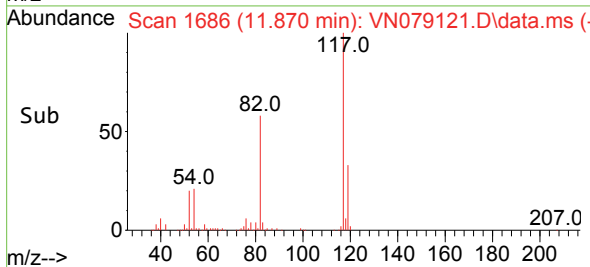
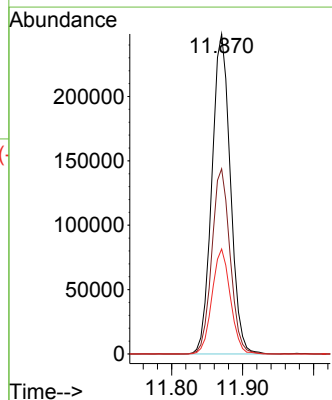
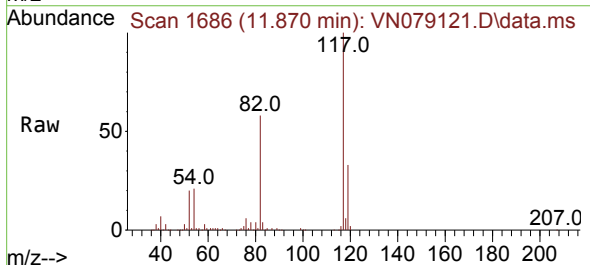
Instrument :
MSVOA_N
ClientSampleId :

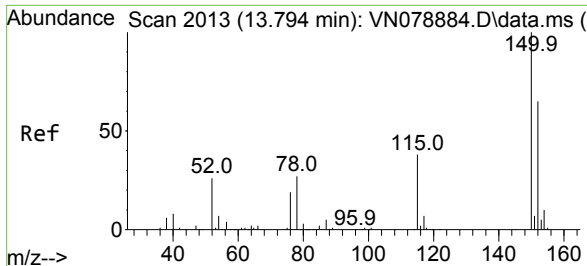
Tgt Ion: 95 Resp: 185902
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 73.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 117 Resp: 449158
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.8 25.6 38.4

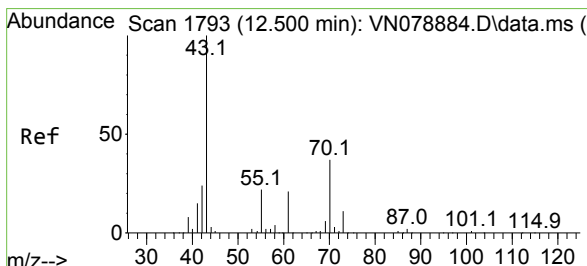
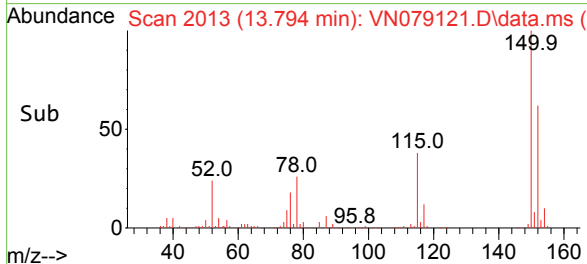
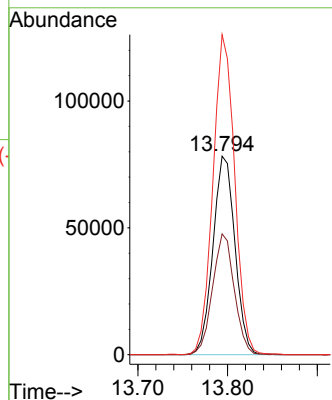
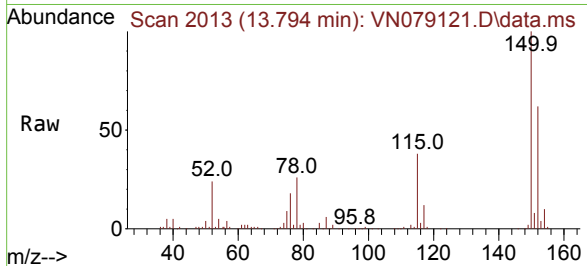




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

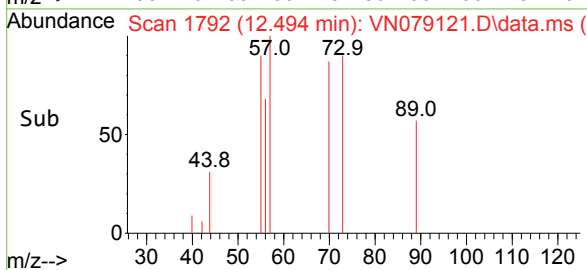
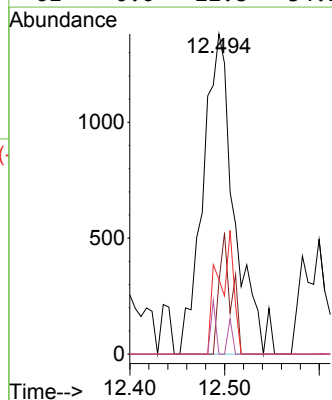
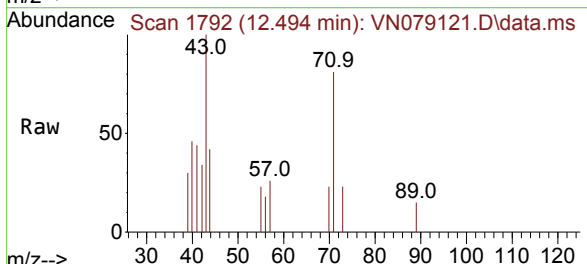
Instrument :
MSVOA_N
ClientSampleId :

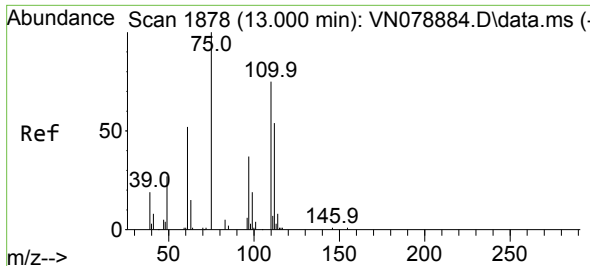
Tgt Ion:152 Resp: 133529
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 159.2 0.0 355.8



#74
N-ethyl acetate
Concen: 0.565 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 43 Resp: 3173
Ion Ratio Lower Upper
43 100
70 15.1 43.4 65.2#
55 10.7 21.4 32.0#
61 0.0 22.8 34.2#

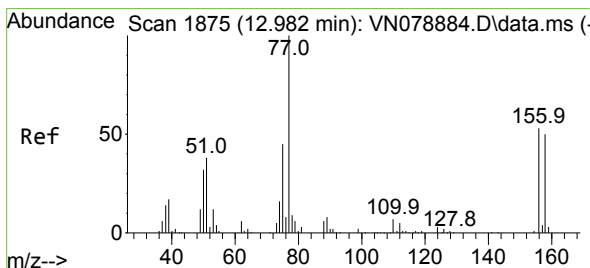
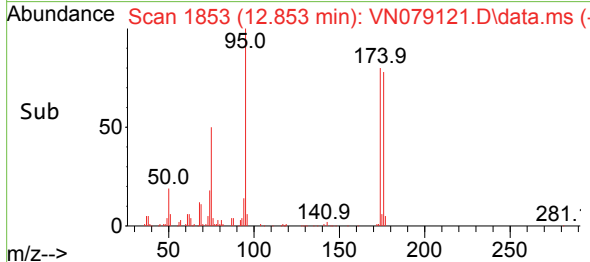
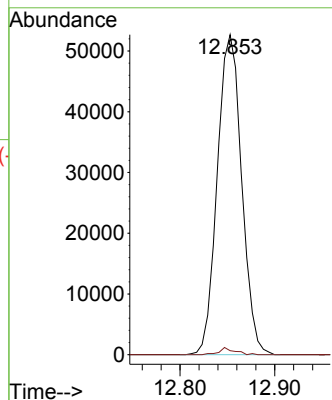
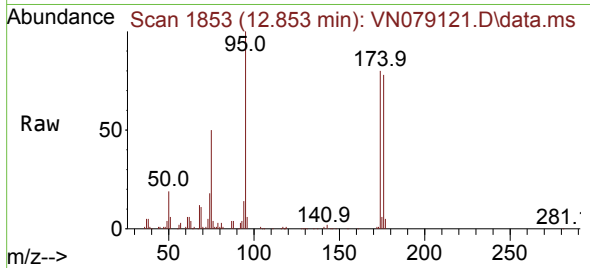




#76
1,2,3-Trichloropropane
Concen: 29.292 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

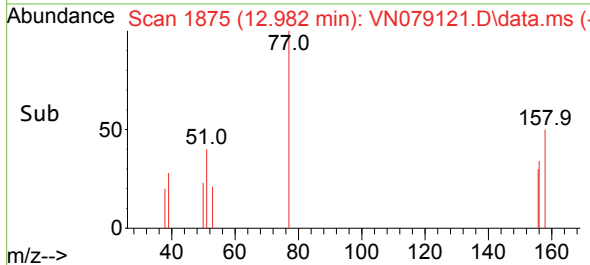
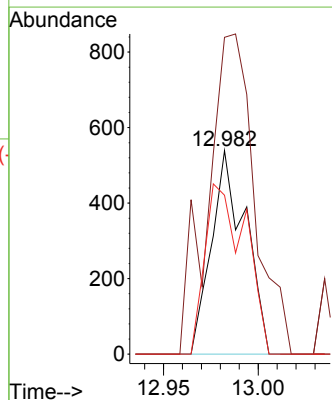
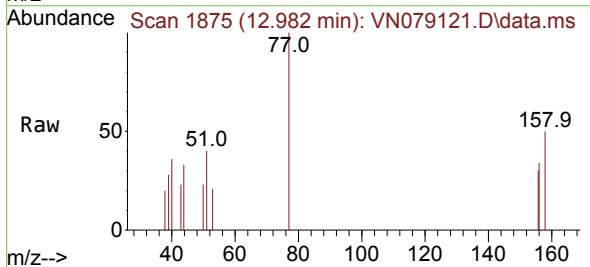
Instrument :
MSVOA_N
ClientSampleId :

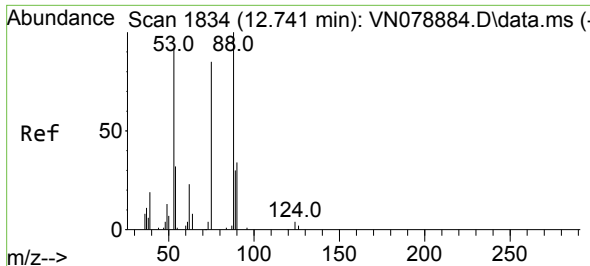
Tgt Ion: 75 Resp: 94244
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#77
Bromobenzene
Concen: 0.251 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

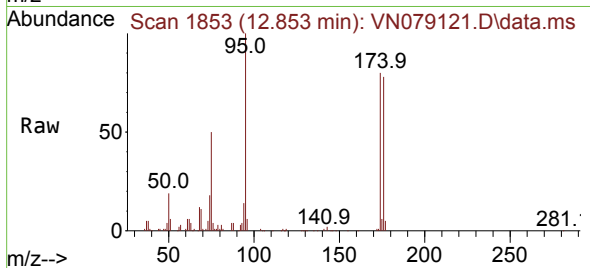
Tgt Ion: 156 Resp: 672
Ion Ratio Lower Upper
156 100
77 217.1 107.7 323.3
158 99.7 48.4 145.3



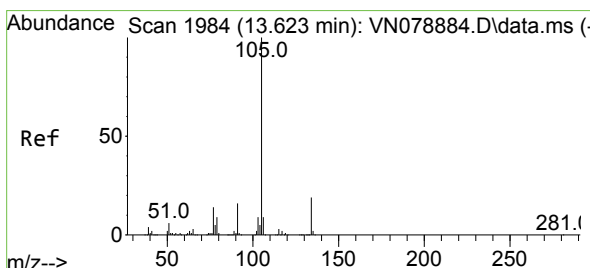
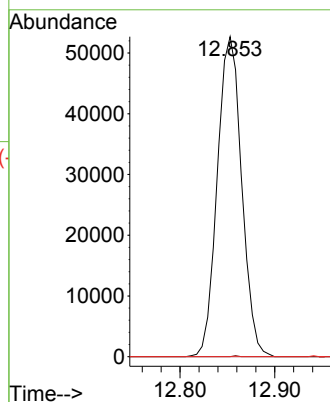
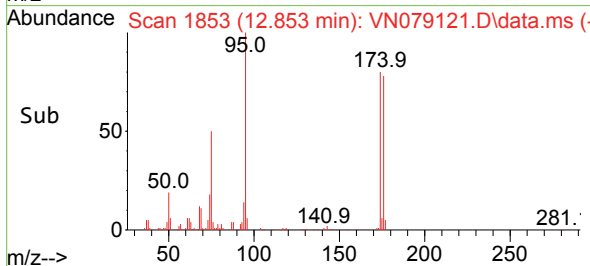


#81
trans-1,4-Dichloro-2-butene
Concen: 74.828 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :

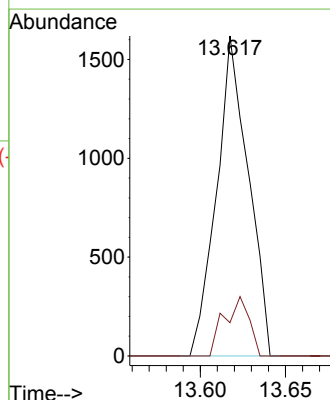
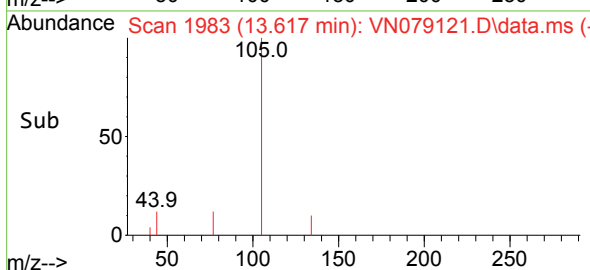
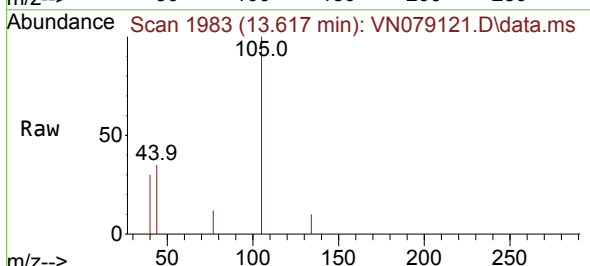


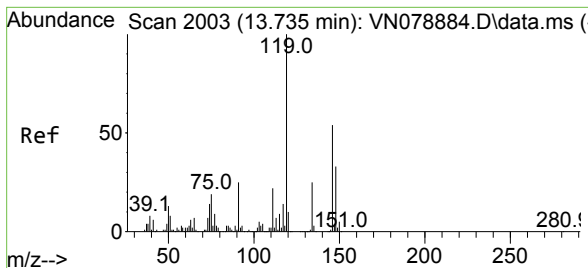
Tgt Ion: 75 Resp: 94244
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#85
sec-Butylbenzene
Concen: 0.205 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 105 Resp: 2094
Ion Ratio Lower Upper
105 100
134 14.6 9.8 29.3

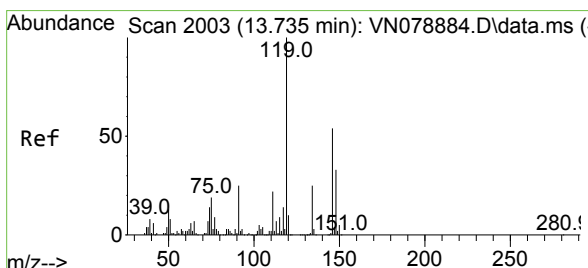
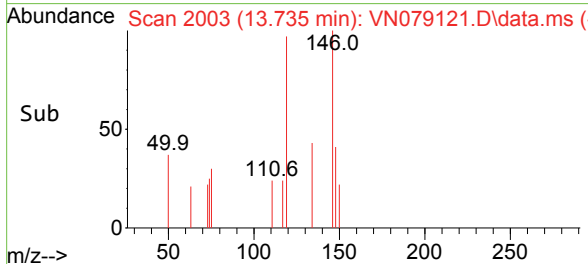
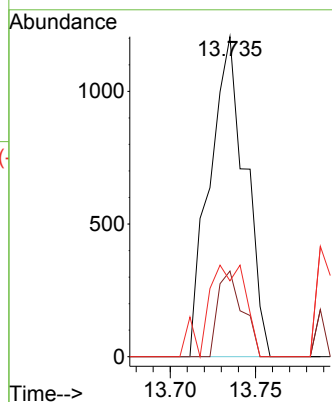
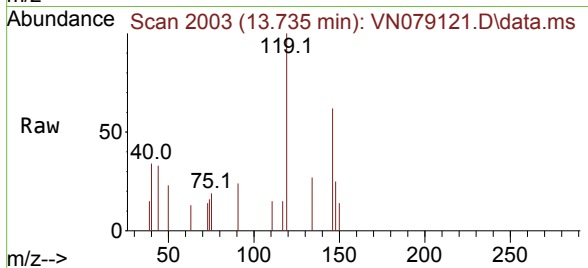




#86
 p-Isopropyltoluene
 Concen: 0.215 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079121.D
 Acq: 01 Sep 2023 14:34

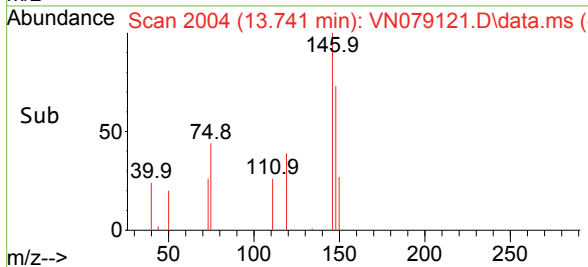
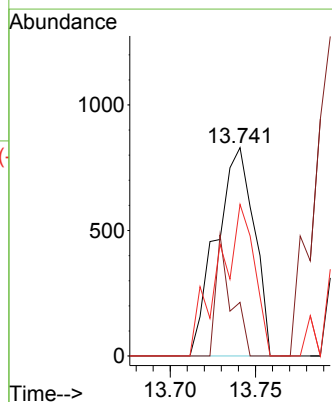
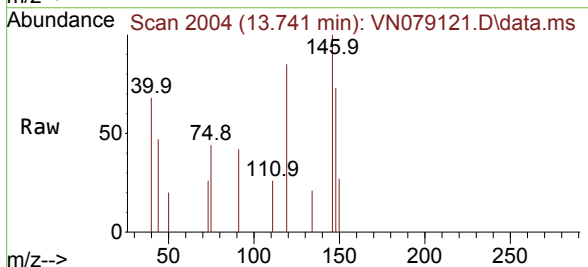
Instrument :
 MSVOA_N
 ClientSampleId :

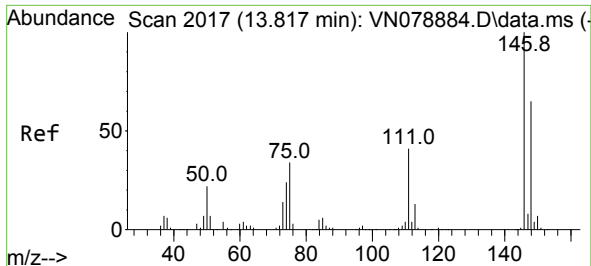
Tgt Ion:119 Resp: 1753
 Ion Ratio Lower Upper
 119 100
 134 18.7 12.6 37.8
 91 31.1 12.4 37.2



#87
 1,3-Dichlorobenzene
 Concen: 0.280 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN079121.D
 Acq: 01 Sep 2023 14:34

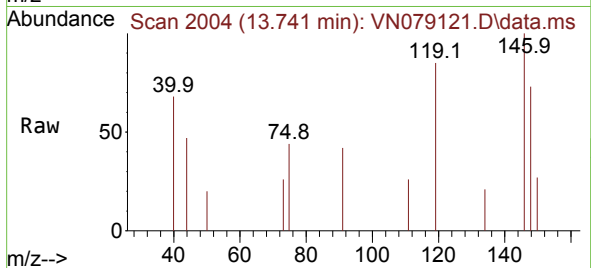
Tgt Ion:146 Resp: 1288
 Ion Ratio Lower Upper
 146 100
 111 24.0 22.1 66.3
 148 68.3 32.0 96.0



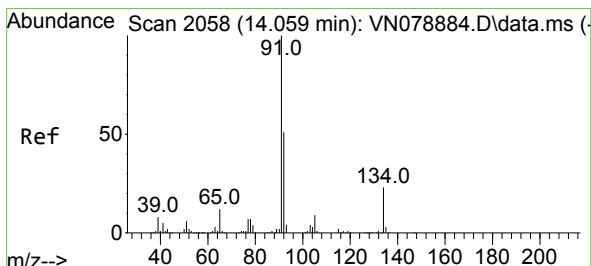
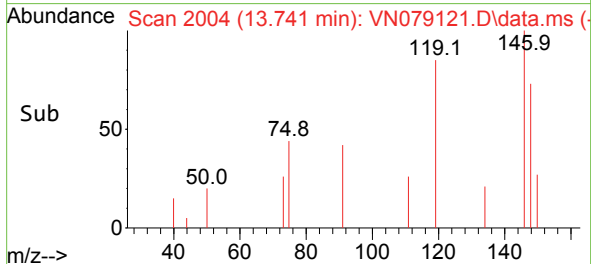
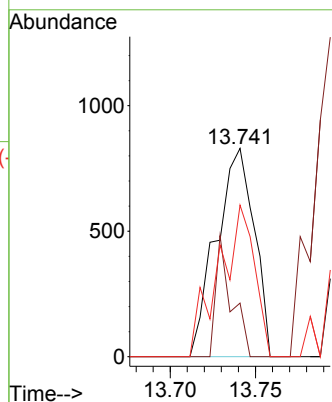


#88
1,4-Dichlorobenzene
Concen: 0.279 ug/l
RT: 13.741 min Scan# 2017
Delta R.T. -0.077 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Instrument :
MSVOA_N
ClientSampleId :

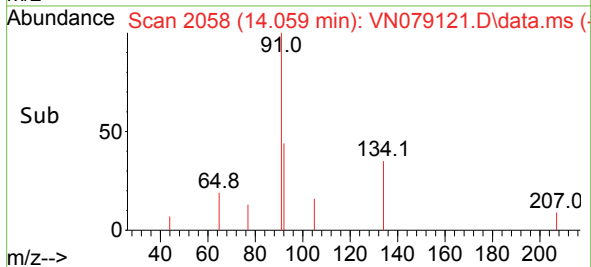
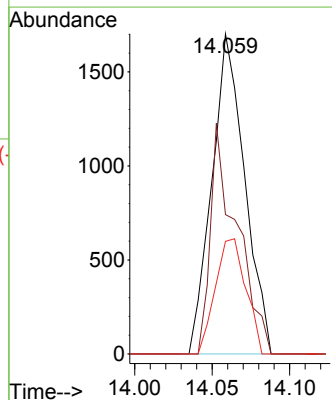
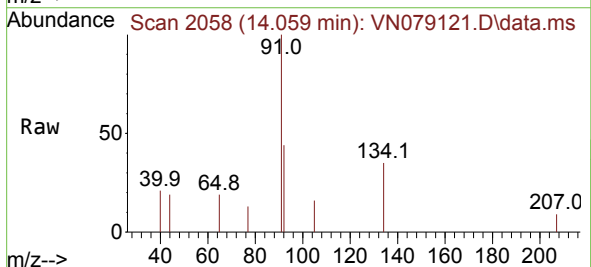


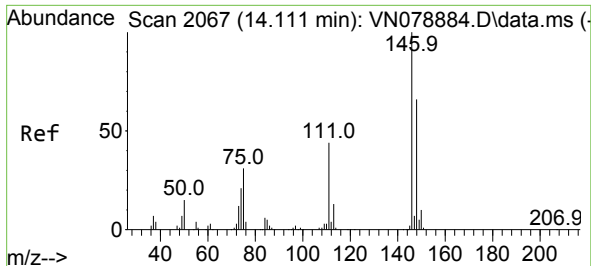
Tgt Ion:146 Resp: 1288
Ion Ratio Lower Upper
146 100
111 24.0 20.6 61.8
148 68.3 31.6 94.8



#89
n-Butylbenzene
Concen: 0.373 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079121.D
Acq: 01 Sep 2023 14:34

Tgt Ion: 91 Resp: 2500
Ion Ratio Lower Upper
91 100
92 58.2 26.4 79.0
134 33.5 12.6 37.6





#91

1,2-Dichlorobenzene

Concen: 0.325 ug/l

RT: 14.123 min Scan# 2069

Delta R.T. 0.011 min

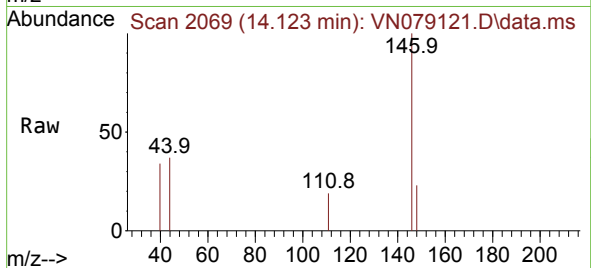
Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :



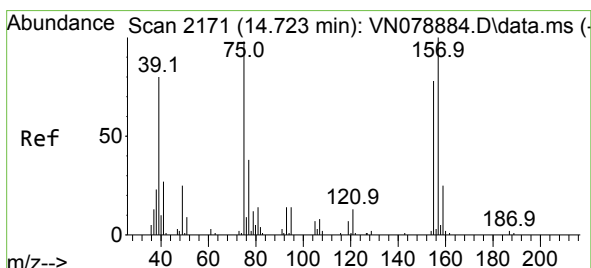
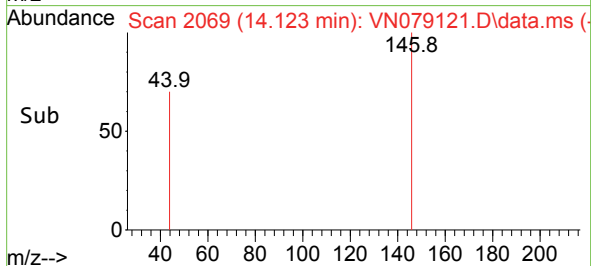
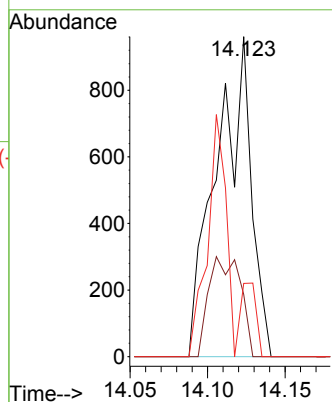
Tgt Ion:146 Resp: 1489

Ion Ratio Lower Upper

146 100

111 28.7 22.0 66.0

148 50.9 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.711 min Scan# 2169

Delta R.T. -0.012 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

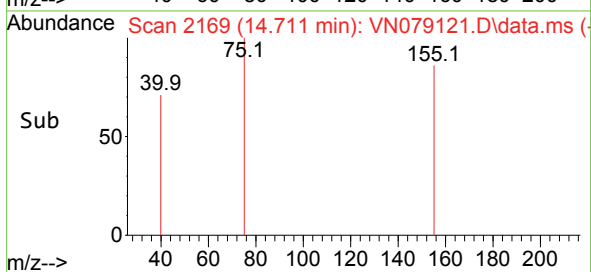
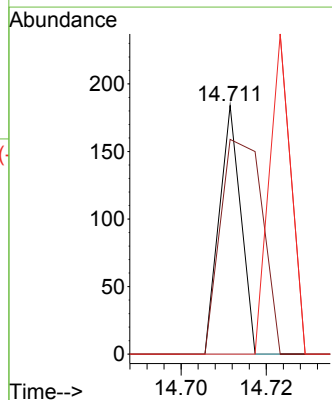
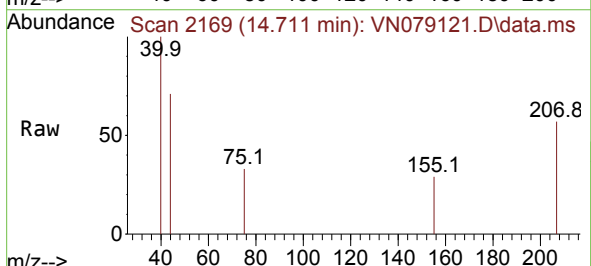
Tgt Ion: 75 Resp: 65

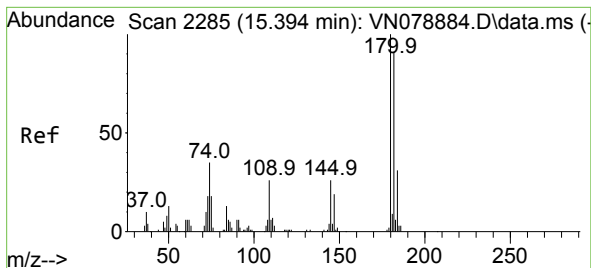
Ion Ratio Lower Upper

75 100

155 167.7 39.1 117.2#

157 129.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.010 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

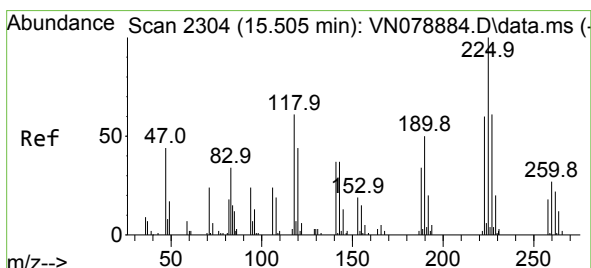
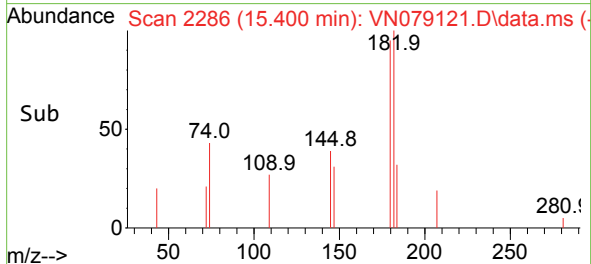
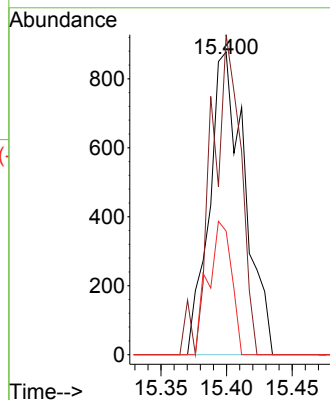
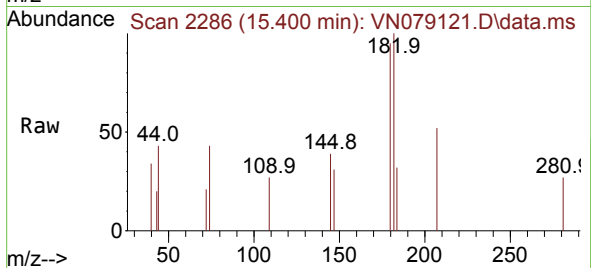
Tgt Ion:180 Resp: 1639

Ion Ratio Lower Upper

180 100

182 87.6 46.1 138.2

145 29.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.692 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

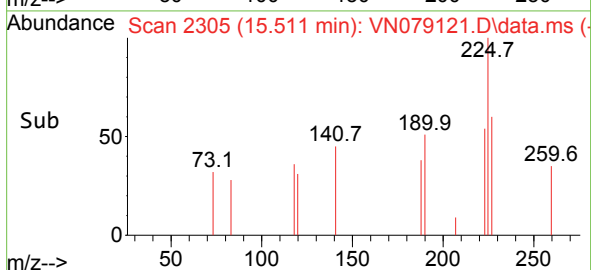
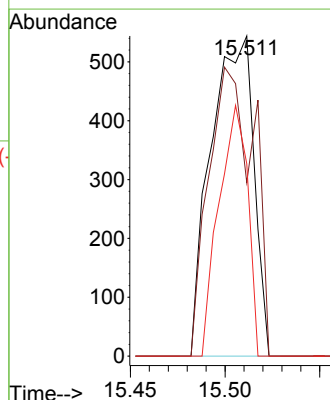
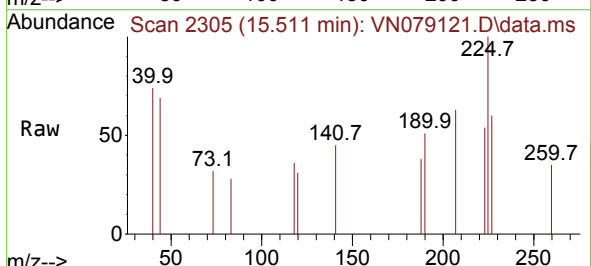
Tgt Ion:225 Resp: 853

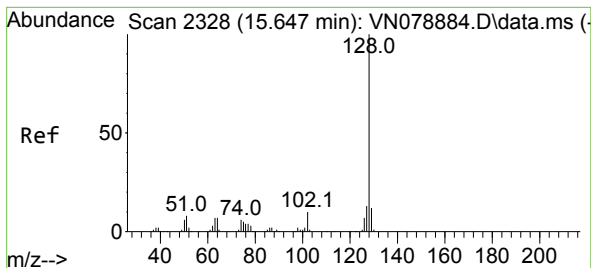
Ion Ratio Lower Upper

225 100

223 94.1 31.3 93.8#

227 52.6 31.9 95.9





#95

Naphthalene

Concen: 3.430 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079121.D

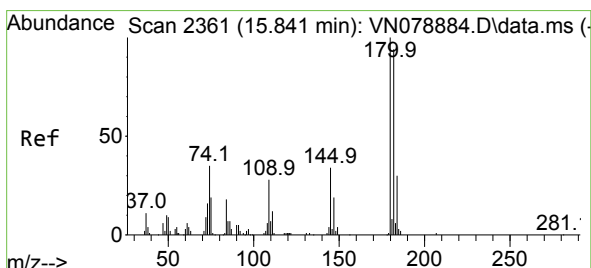
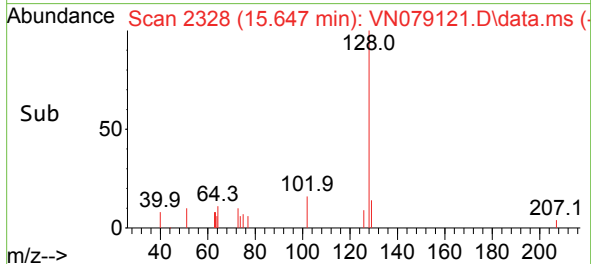
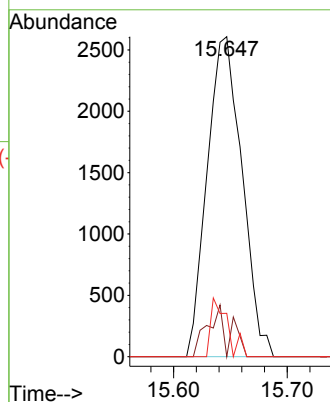
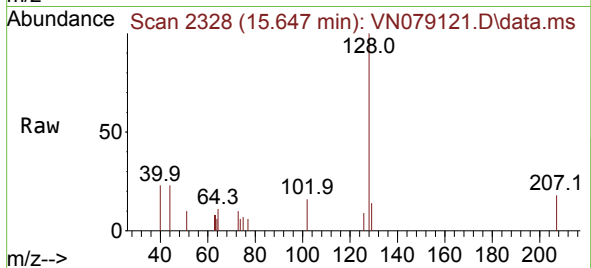
Acq: 01 Sep 2023 14:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	5551
Ion	Ratio	Lower	Upper
128	100		
127	7.2	10.0	15.0#
129	8.7	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.219 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN079121.D

Acq: 01 Sep 2023 14:34

Tgt Ion:	180	Resp:	2168
Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.2	138.6
145	24.4	17.5	52.6

