

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078134.D
 Acq On : 09 Jun 2023 10:02
 Operator : JC\MD
 Sample : VN0609MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609MBL01

Quant Time: Jun 09 23:03:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	331057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	611663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	533243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	157087	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	235393	53.329	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.660%	
35) Dibromofluoromethane	8.177	113	202144	52.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.540%	
50) Toluene-d8	10.571	98	753527	50.540	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.853	95	213437	46.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.100%	

Target Compounds				Qvalue		
3) Chloromethane	2.377	50	1639	Below Cal	94	
5) Bromomethane	2.989	94	2565	0.693 ug/l #	76	
6) Chloroethane	3.136	64	683	0.204 ug/l #	88	
10) Methyl Iodide	4.595	142	1661	0.335 ug/l #	87	
11) Tert butyl alcohol	5.536	59	592	0.971 ug/l	97	
13) Acrolein	4.200	56	635	0.945 ug/l #	33	
15) Acrylonitrile	5.742	53	1580	1.006 ug/l #	48	
16) Acetone	4.447	43	1006	0.792 ug/l #	87	
17) Carbon Disulfide	4.724	76	5364	0.576 ug/l #	93	
18) Methyl Acetate	5.047	43	2456	0.420 ug/l #	65	
20) Methylene Chloride	5.289	84	983	0.234 ug/l #	56	
23) Vinyl Acetate	6.630	43	1607	0.260 ug/l #	76	
25) 2-Butanone	7.500	43	1142	0.585 ug/l #	80	
29) Tetrahydrofuran	7.865	42	1241	0.950 ug/l #	27	
31) Cyclohexane	8.230	56	8304	1.467 ug/l #	1	
36) 1,1-Dichloropropene	8.235	75	29634	5.342 ug/l #	48	
38) Carbon Tetrachloride	8.230	117	37735	6.442 ug/l #	16	
43) Isopropyl Acetate	8.741	43	3670	0.443 ug/l #	49	
49) 1,4-Dioxane	9.724	88	87	1.190 ug/l #	1	
51) 4-Methyl-2-Pentanone	10.447	43	2610	0.598 ug/l #	79	
59) 2-Hexanone	11.200	43	4140	1.362 ug/l	94	
68) m/p-Xylenes	12.088	106	1958	0.261 ug/l	100	
70) Styrene	12.418	104	2348	0.202 ug/l	99	
74) N-amyl acetate	12.500	43	1882	0.385 ug/l #	82	
75) 1,1,2,2-Tetrachloroethane	12.935	83	1114	Below Cal	# 84	
76) 1,2,3-Trichloropropane	12.859	75	116149	31.277 ug/l #	1	
77) Bromobenzene	12.982	156	1352	0.392 ug/l	74	
78) n-propylbenzene	13.041	91	4132	0.256 ug/l	88	
79) 2-Chlorotoluene	13.129	91	2440	0.234 ug/l	98	
81) trans-1,4-Dichloro-2-b...	12.859	75	116149	96.092 ug/l #	15	
82) 4-Chlorotoluene	13.229	91	4260	0.438 ug/l	88	
83) tert-Butylbenzene	13.435	119	2535	0.242 ug/l	94	
84) 1,2,4-Trimethylbenzene	13.482	105	2384	0.204 ug/l	83	
85) sec-Butylbenzene	13.623	105	4864	0.355 ug/l	99	
86) p-Isopropyltoluene	13.729	119	4451	0.401 ug/l	87	
87) 1,3-Dichlorobenzene	13.735	146	2839	0.487 ug/l	93	

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

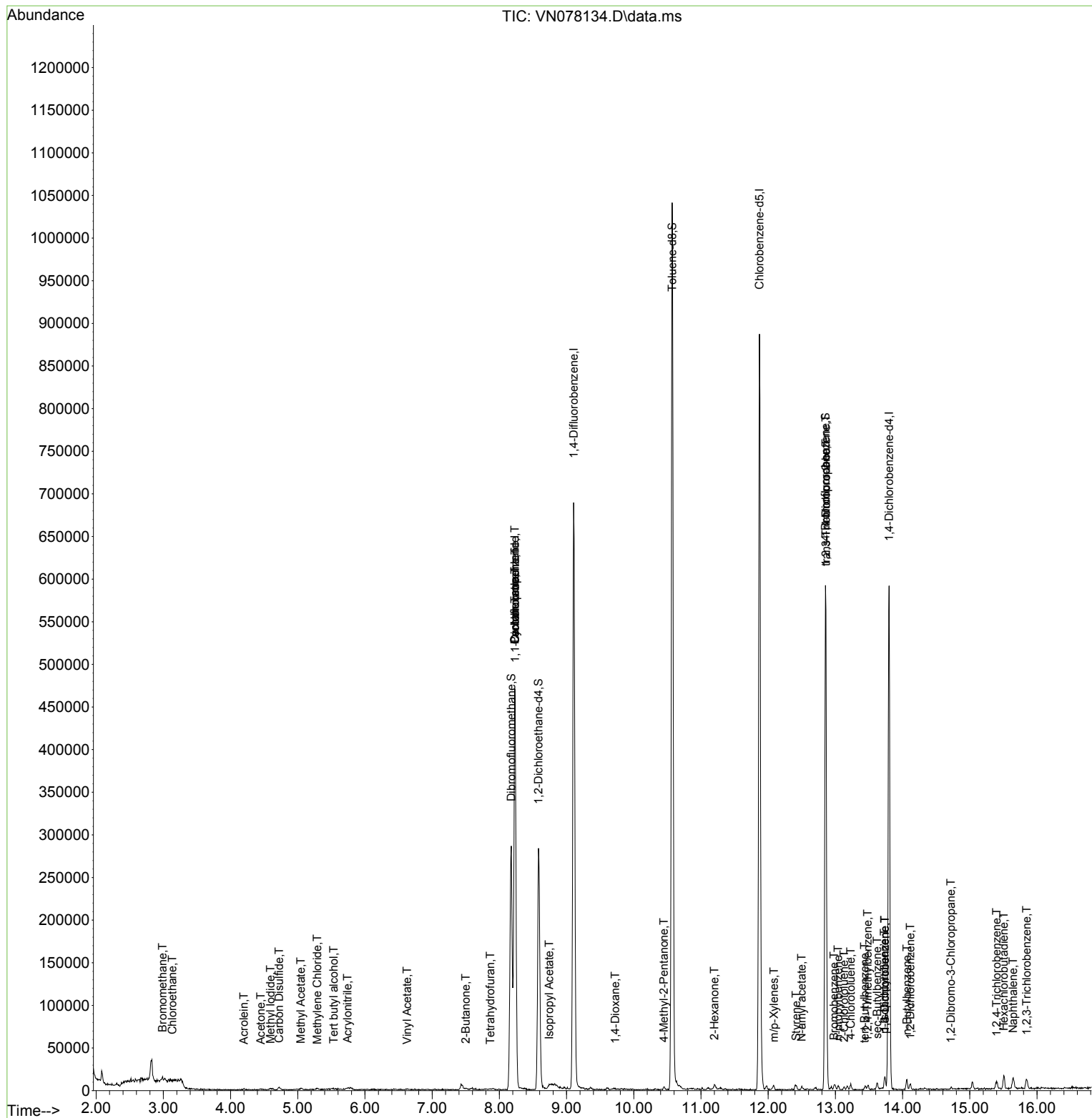
88) 1,4-Dichlorobenzene	13.735	146	2839	0.504	ug/l	90
89) n-Butylbenzene	14.064	91	6478	0.740	ug/l	94
91) 1,2-Dichlorobenzene	14.117	146	3076	0.540	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.717	75	582	0.791	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.400	180	3709	1.826	ug/l	98
94) Hexachlorobutadiene	15.506	225	3397	0.775	ug/l	94
95) Naphthalene	15.647	128	12919	1.891	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	4007	1.764	ug/l	96

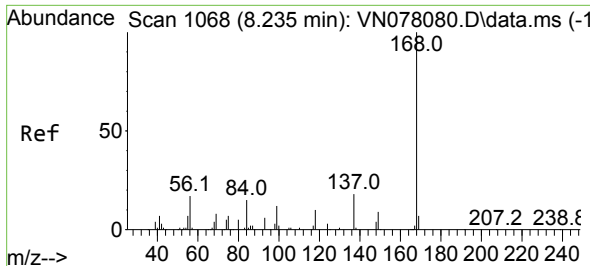
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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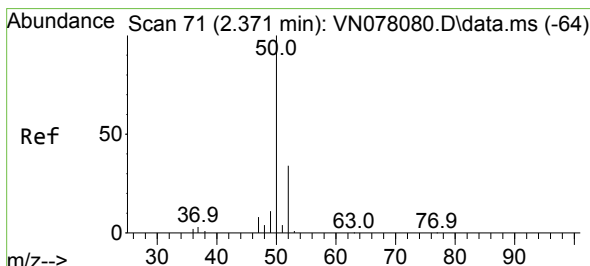
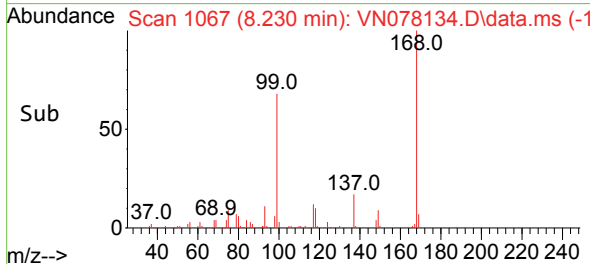
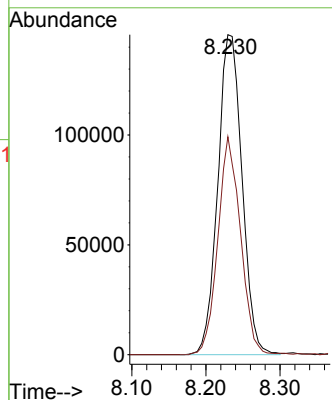
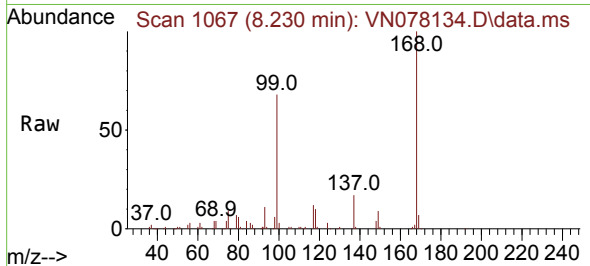




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

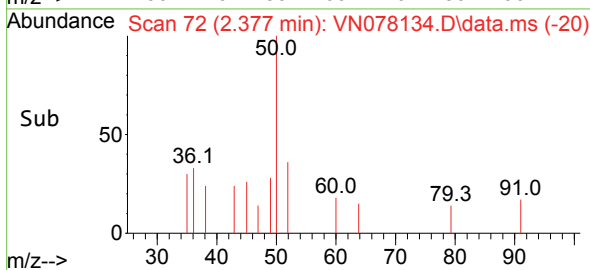
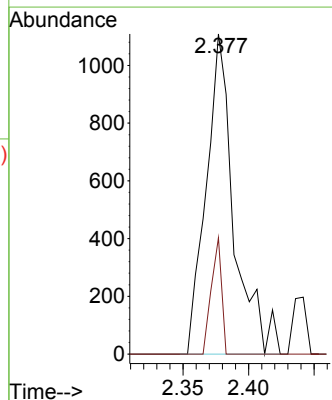
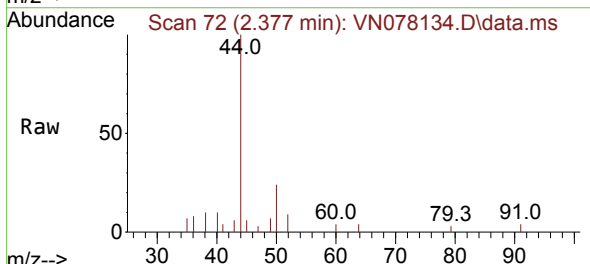
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

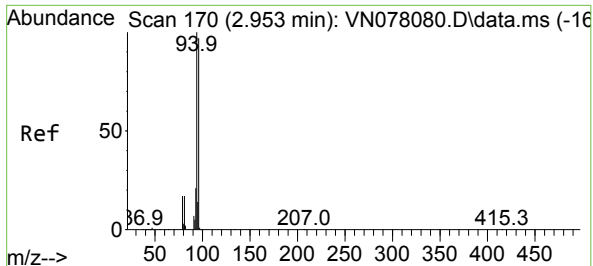
Tgt Ion:168 Resp: 331057
Ion Ratio Lower Upper
168 100
99 68.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 50 Resp: 1639
Ion Ratio Lower Upper
50 100
52 36.3 26.5 39.7

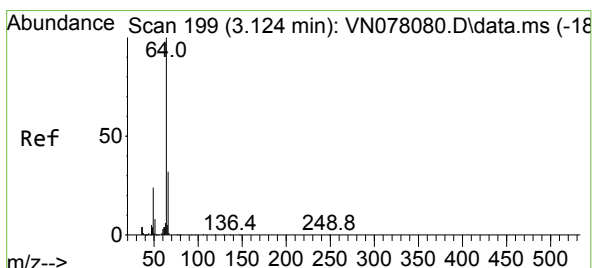
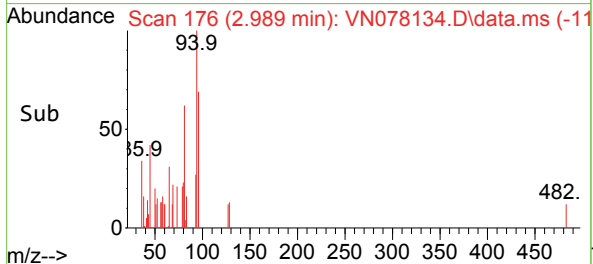
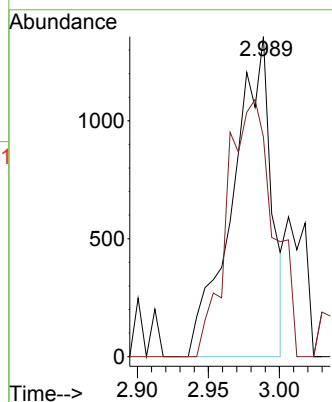
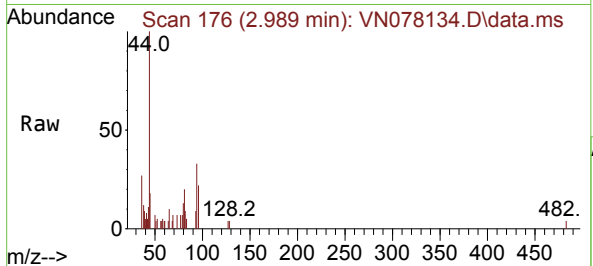




#5
Bromomethane
Concen: 0.693 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

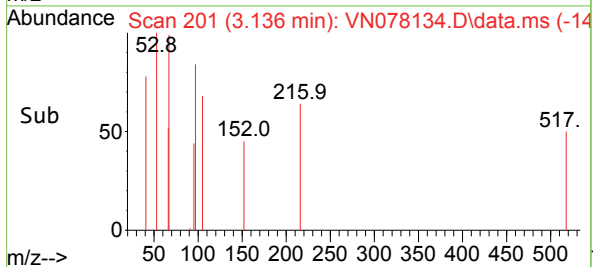
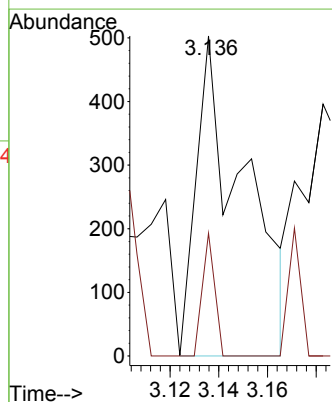
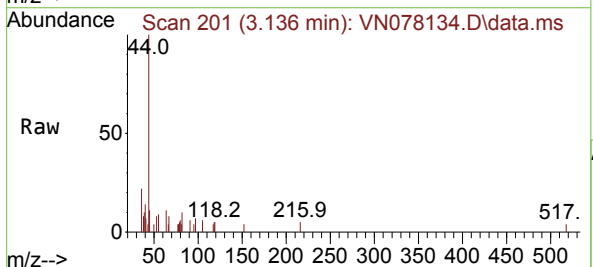
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

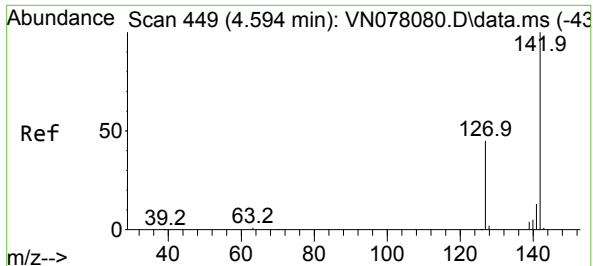
Tgt Ion: 94 Resp: 2565
Ion Ratio Lower Upper
94 100
96 68.7 73.1 109.7#



#6
Chloroethane
Concen: 0.204 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

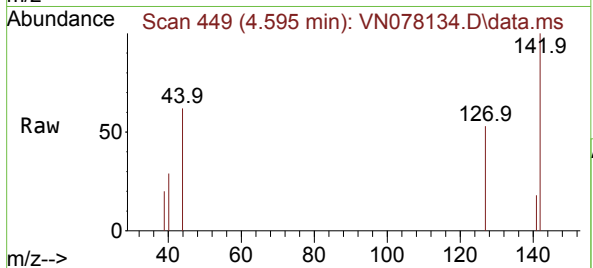
Tgt Ion: 64 Resp: 683
Ion Ratio Lower Upper
64 100
66 38.4 25.4 38.2#



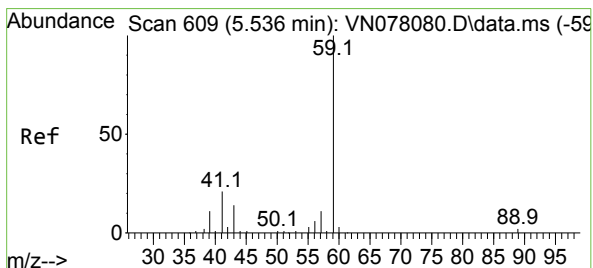
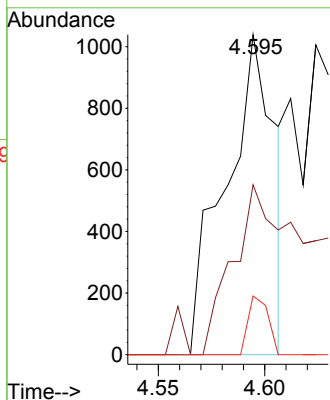
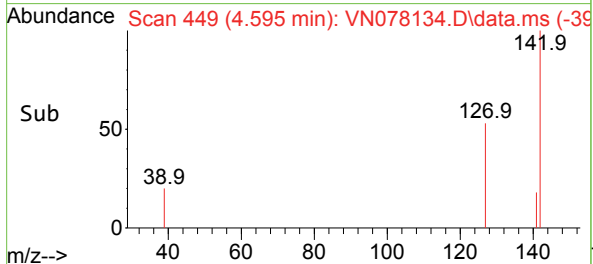


#10
Methyl Iodide
Concen: 0.335 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

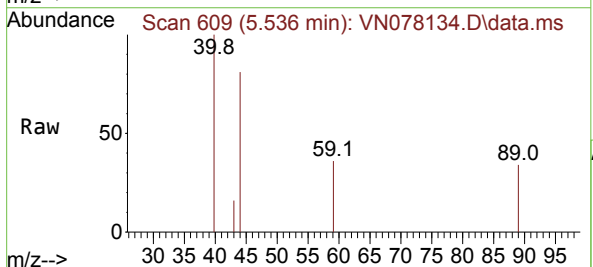
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01



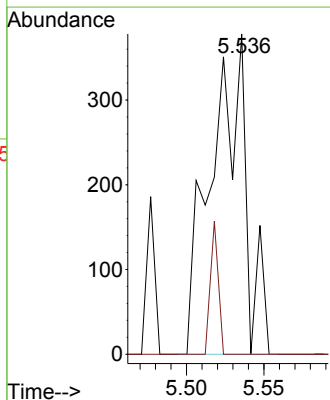
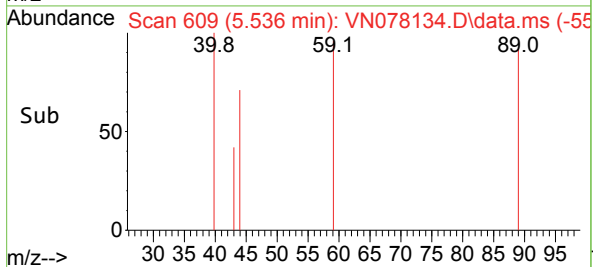
Tgt Ion:142 Resp: 1661
Ion Ratio Lower Upper
142 100
127 38.0 37.6 56.4
141 18.4 11.4 17.0#

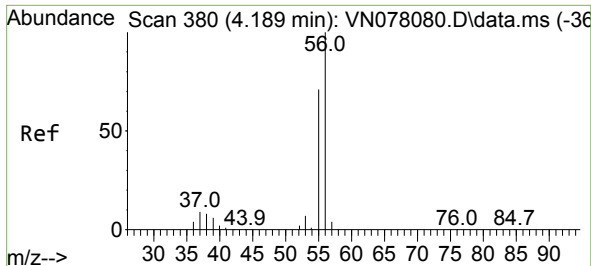


#11
Tert butyl alcohol
Concen: 0.971 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02



Tgt Ion: 59 Resp: 592
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4

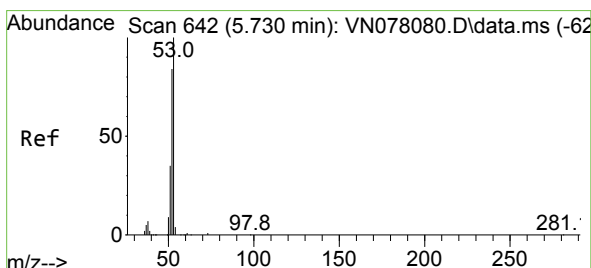
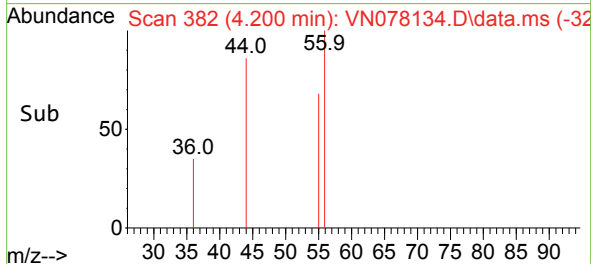
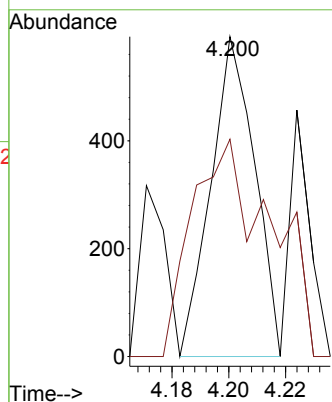
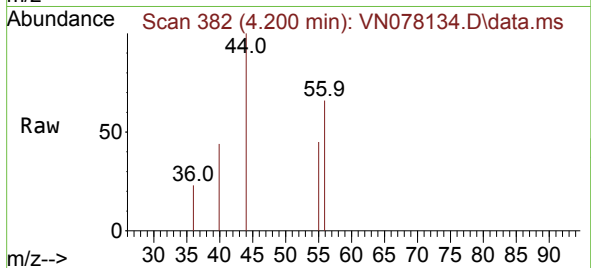




#13
Acrolein
Concen: 0.945 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

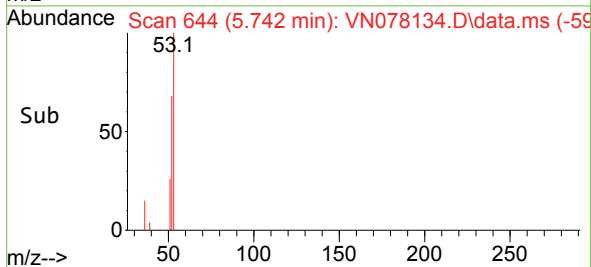
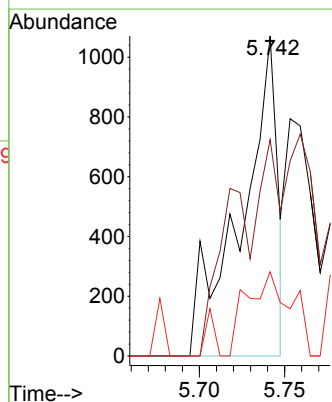
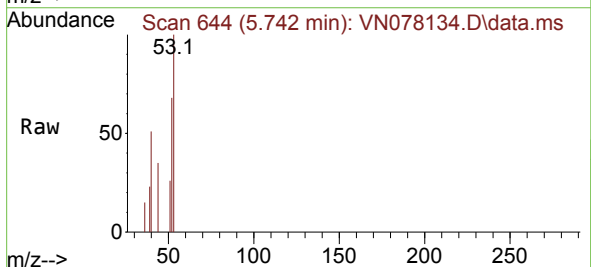
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ClientSampleId :
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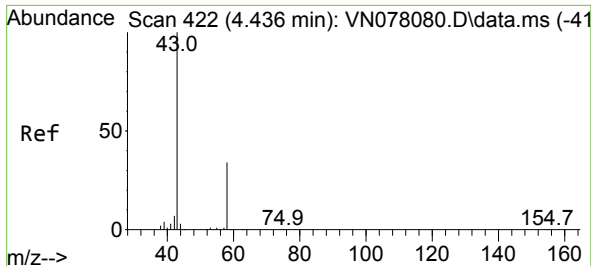
Tgt Ion: 56 Resp: 635
Ion Ratio Lower Upper
56 100
55 122.5 54.5 81.7#



#15
Acrylonitrile
Concen: 1.006 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 53 Resp: 1580
Ion Ratio Lower Upper
53 100
52 17.6 65.3 97.9#
51 32.3 28.9 43.3

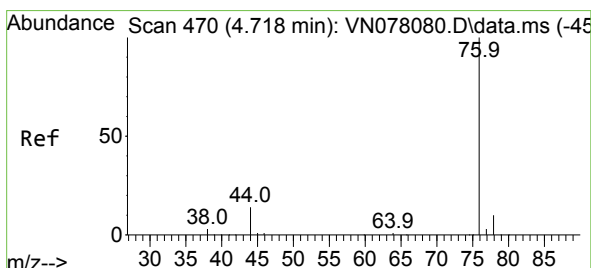
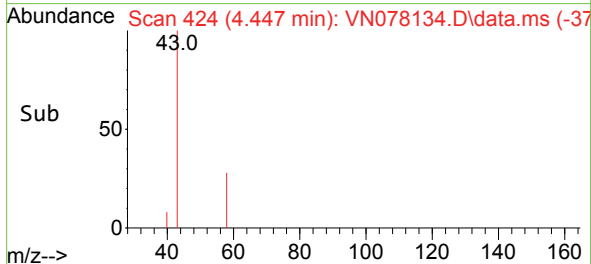
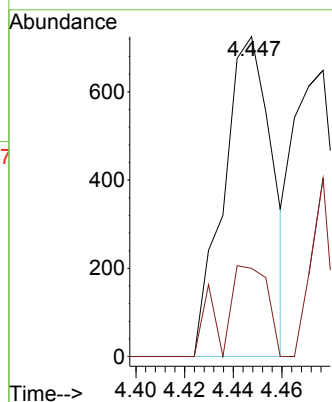
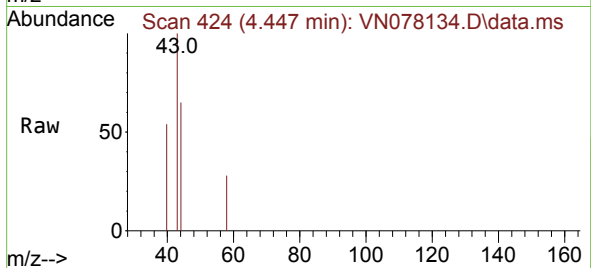




#16
Acetone
Concen: 0.792 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

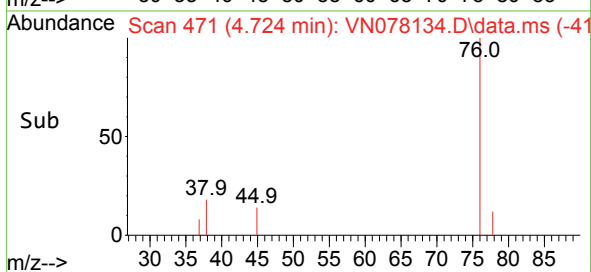
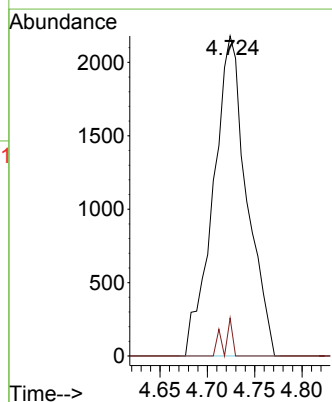
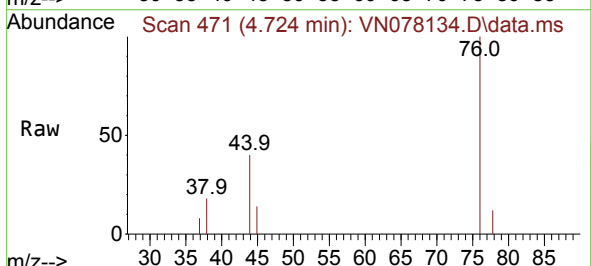
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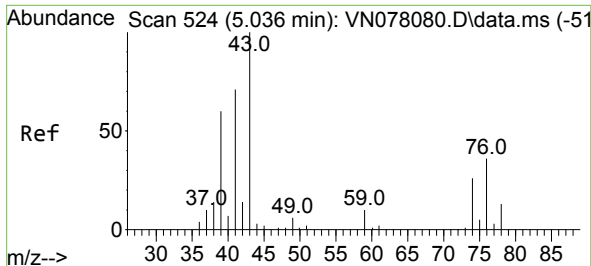
Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 27.6 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.576 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 76 Resp: 5364
Ion Ratio Lower Upper
76 100
78 11.9 7.4 11.0#

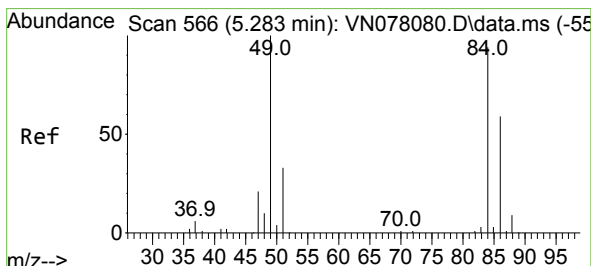
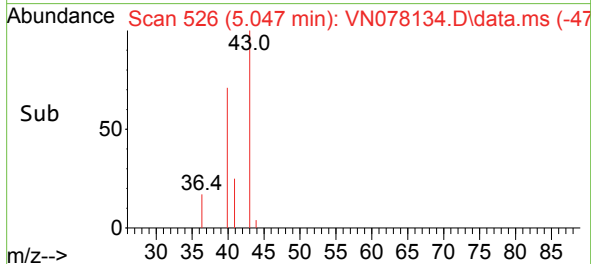
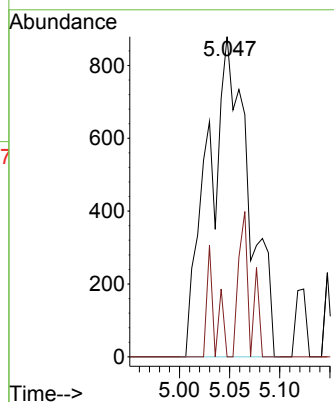
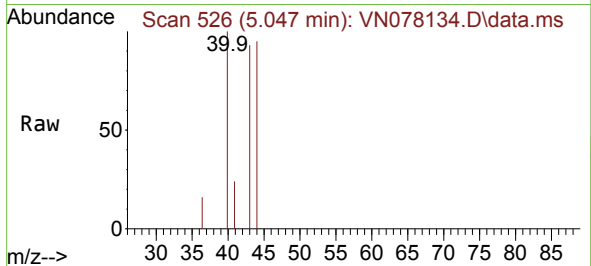




#18
Methyl Acetate
Concen: 0.420 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

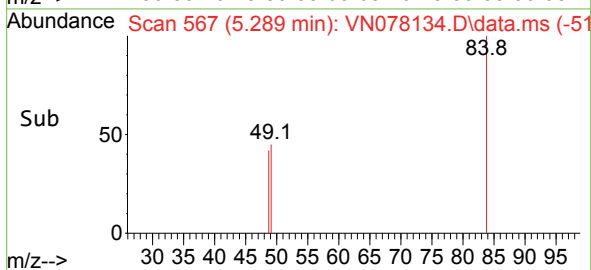
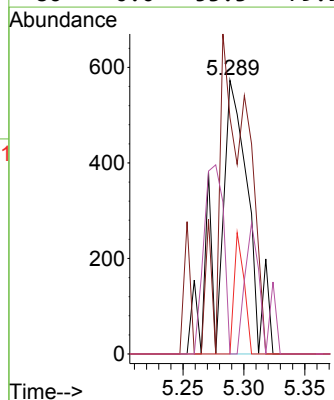
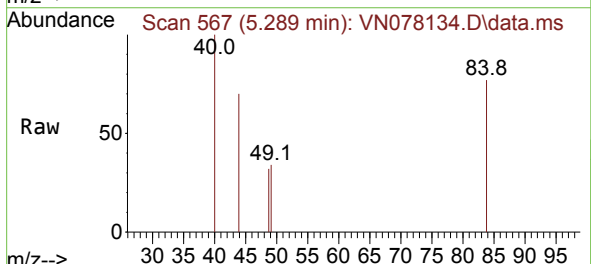
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

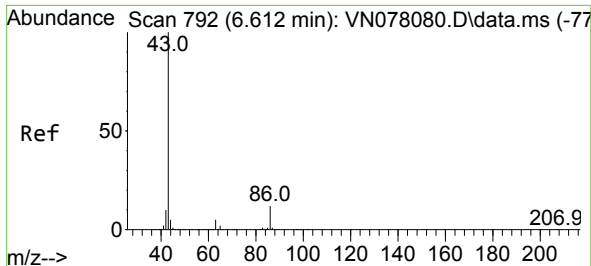
Tgt Ion: 43 Resp: 2456
Ion Ratio Lower Upper
43 100
74 13.2 26.2 39.4#



#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 84 Resp: 983
Ion Ratio Lower Upper
84 100
49 86.4 79.7 119.5
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#

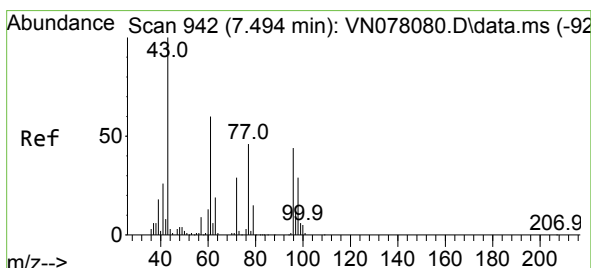
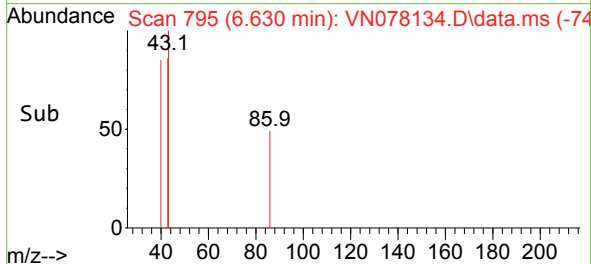
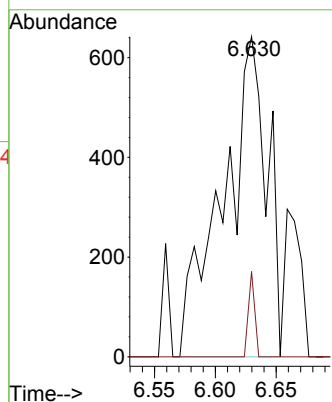
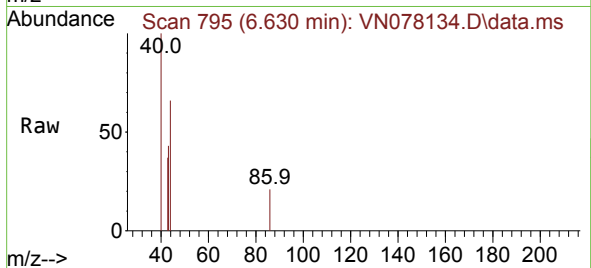




#23
 Vinyl Acetate
 Concen: 0.260 ug/l
 RT: 6.630 min Scan# 795
 Delta R.T. 0.018 min
 Lab File: VN078134.D
 Acq: 09 Jun 2023 10:02

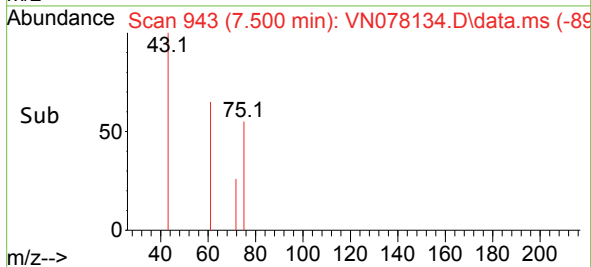
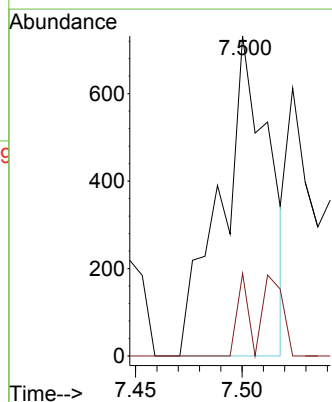
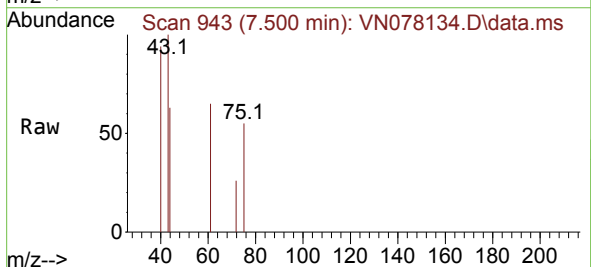
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609MBL01

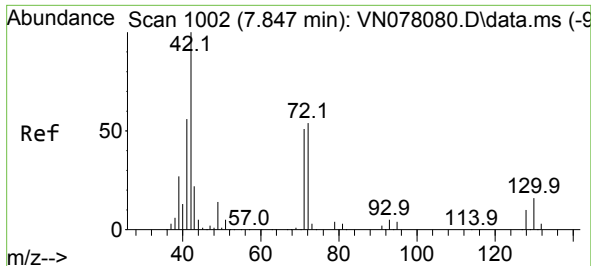
Tgt Ion: 43 Resp: 1607
 Ion Ratio Lower Upper
 43 100
 86 26.6 13.0 19.6#



#25
 2-Butanone
 Concen: 0.585 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.006 min
 Lab File: VN078134.D
 Acq: 09 Jun 2023 10:02

Tgt Ion: 43 Resp: 1142
 Ion Ratio Lower Upper
 43 100
 72 25.8 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.950 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.018 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBL01

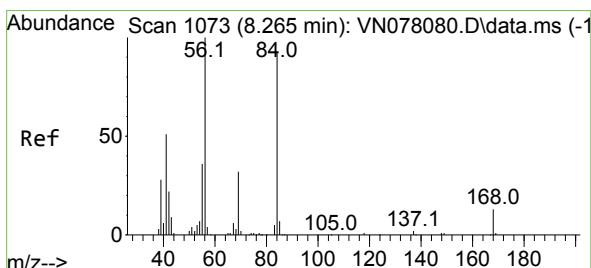
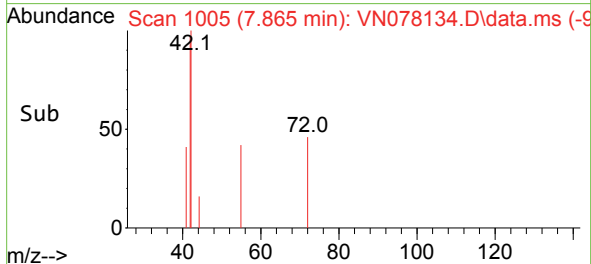
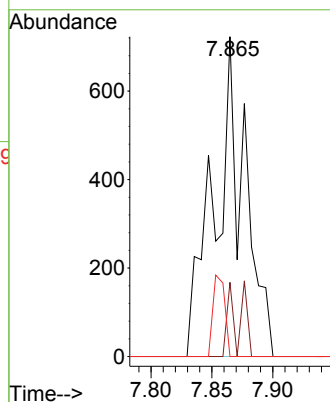
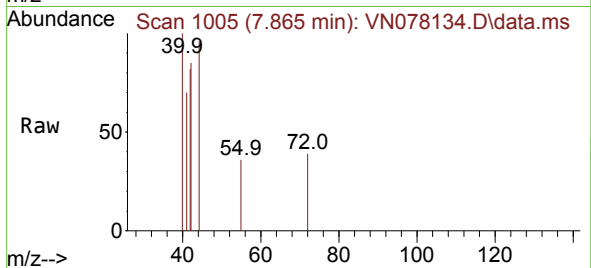
Tgt Ion: 42 Resp: 1241

Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 9.9 47.4 71.2#



#31

Cyclohexane

Concen: 1.467 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

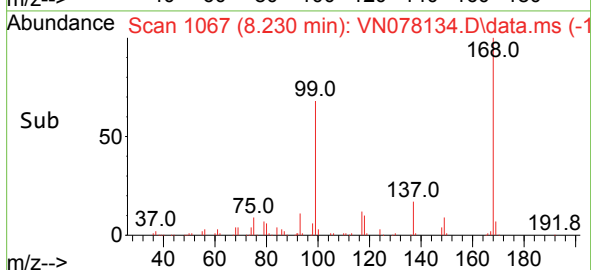
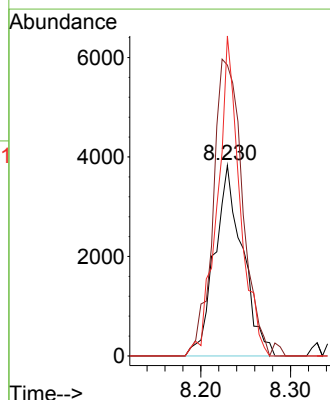
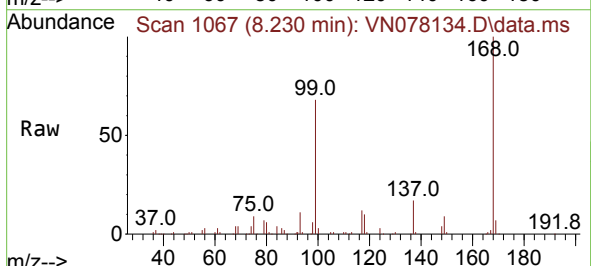
Tgt Ion: 56 Resp: 8304

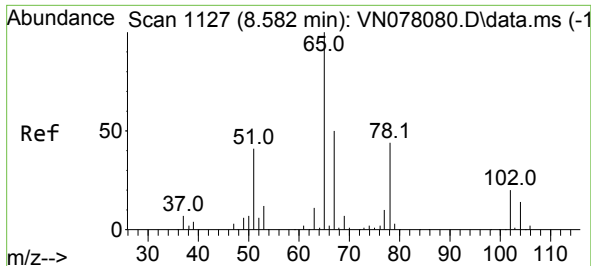
Ion Ratio Lower Upper

56 100

69 152.6 26.8 40.2#

84 167.9 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 53.329 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

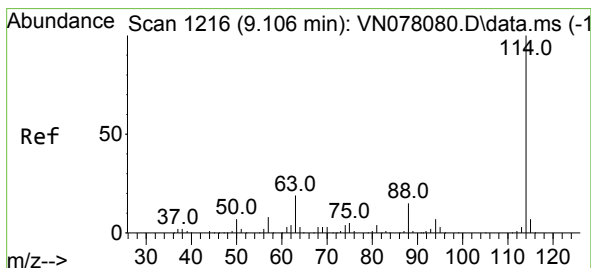
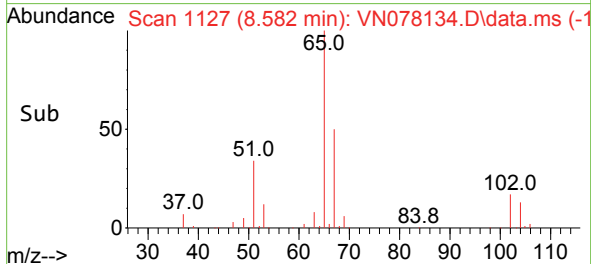
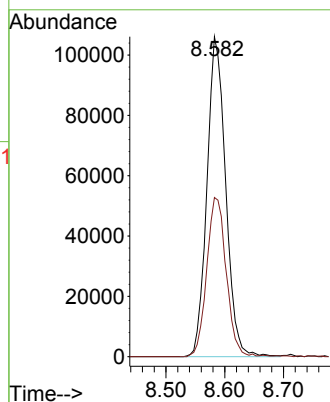
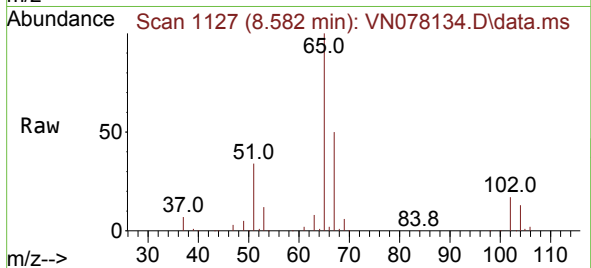
VN0609MBL01

Tgt Ion: 65 Resp: 235393

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

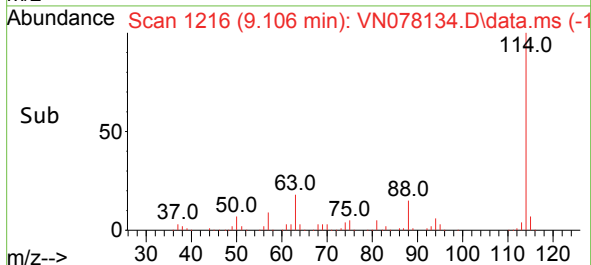
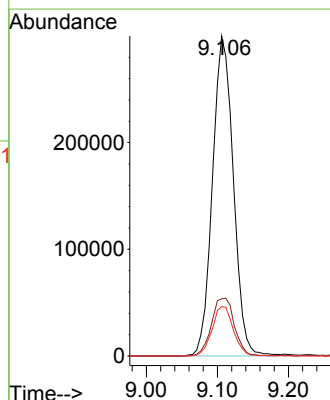
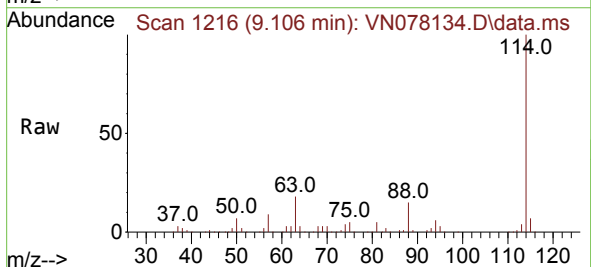
Tgt Ion:114 Resp: 611663

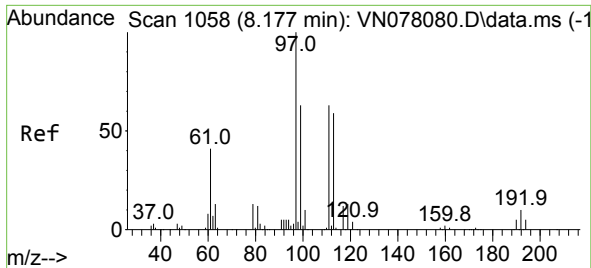
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 15.4 0.0 30.6

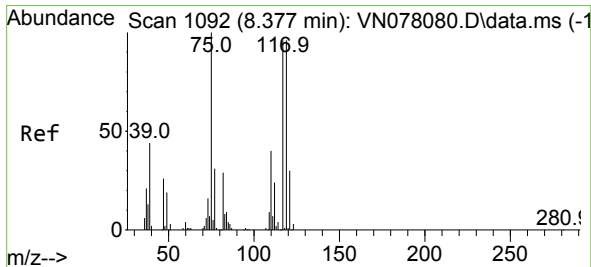
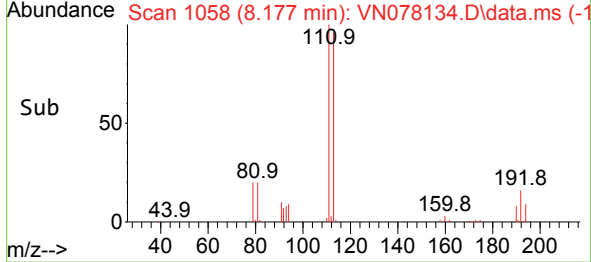
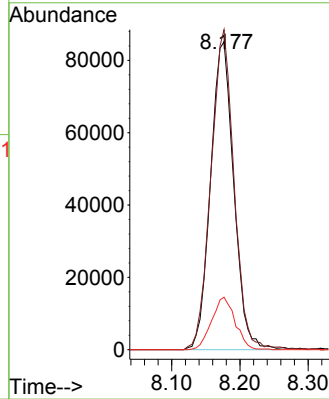
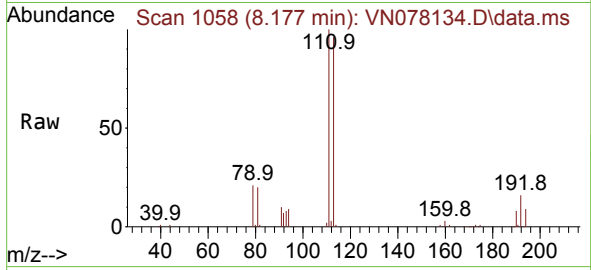




#35
Dibromofluoromethane
Concen: 52.268 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

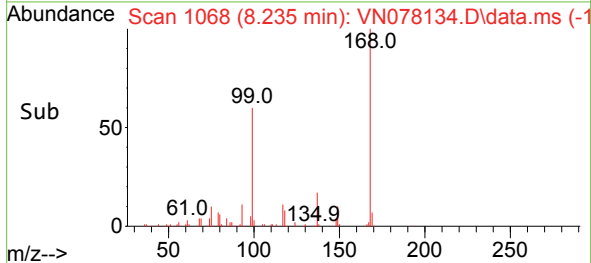
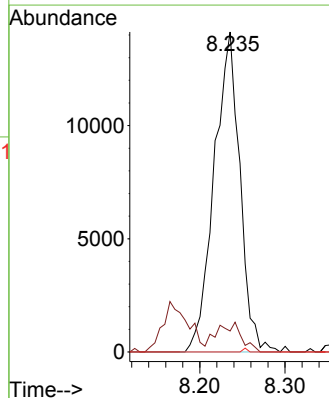
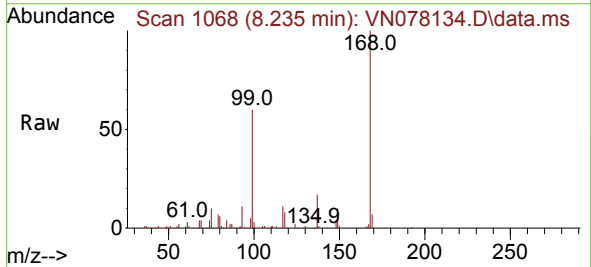
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

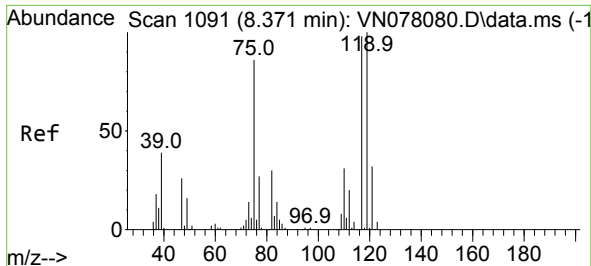
Tgt Ion:113 Resp: 202144
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 17.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.342 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

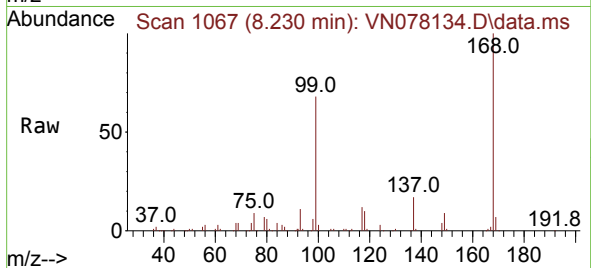
Tgt Ion: 75 Resp: 29634
Ion Ratio Lower Upper
75 100
110 9.0 19.1 57.3#
77 0.2 25.0 37.4#



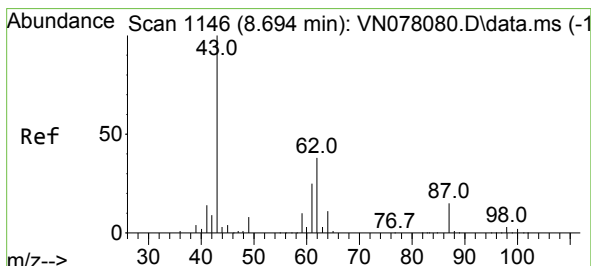
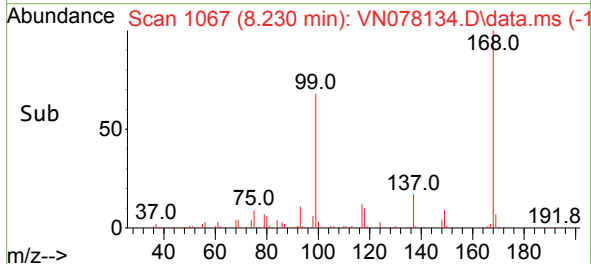
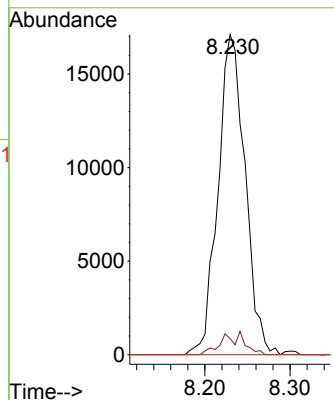


#38
Carbon Tetrachloride
Concen: 6.442 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

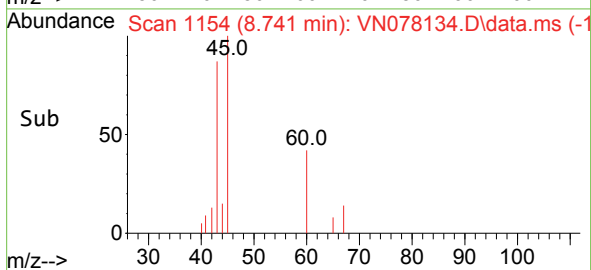
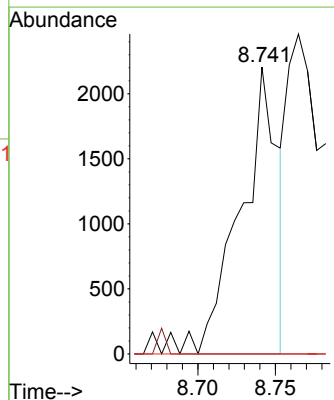
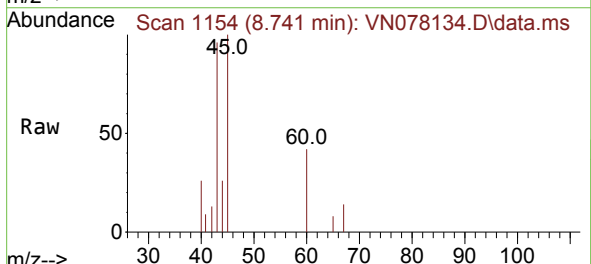


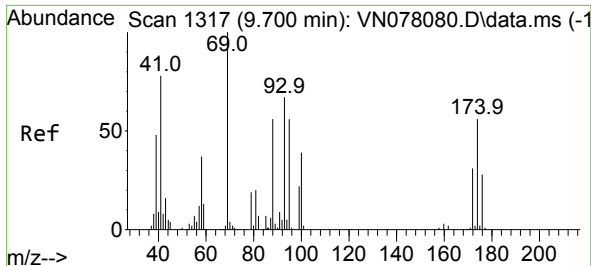
Tgt Ion:117 Resp: 37735
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.443 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.047 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 43 Resp: 3670
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#





#49

1,4-Dioxane

Concen: 1.190 ug/l

RT: 9.724 min Scan# 1

Delta R.T. 0.024 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBL01

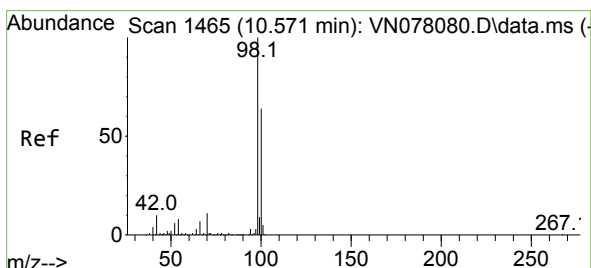
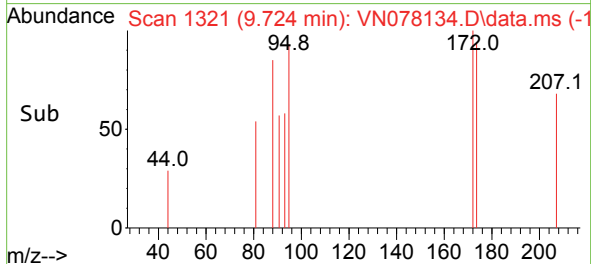
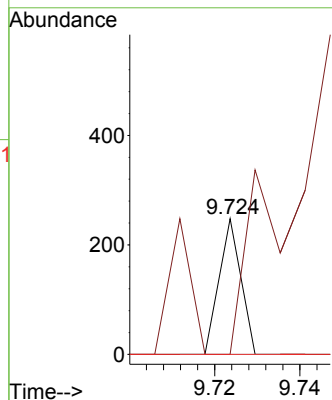
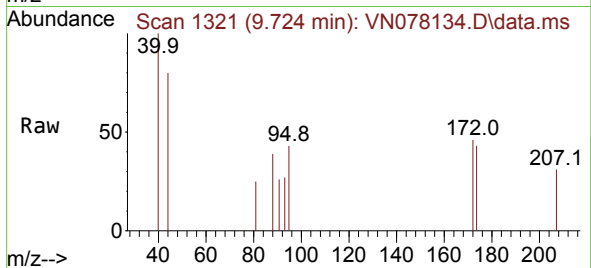
Tgt Ion: 88 Resp: 87

Ion Ratio Lower Upper

88 100

43 101.1 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 50.540 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078134.D

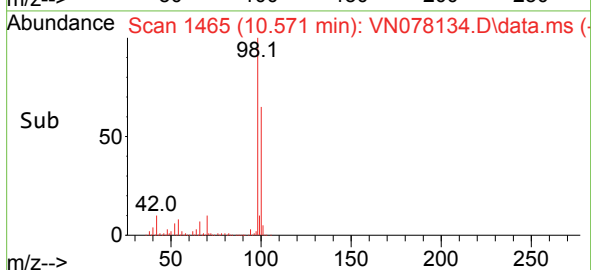
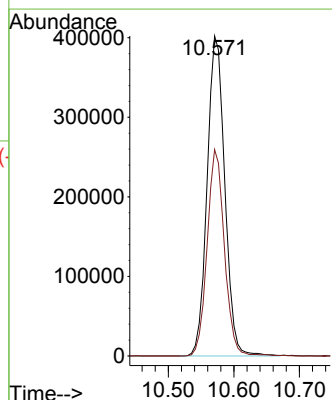
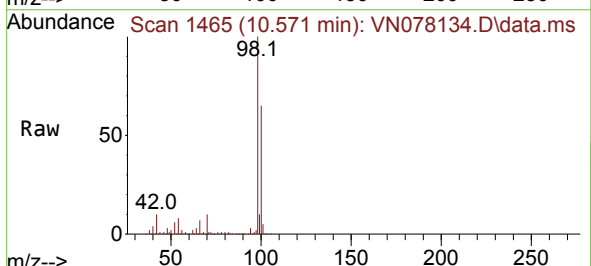
Acq: 09 Jun 2023 10:02

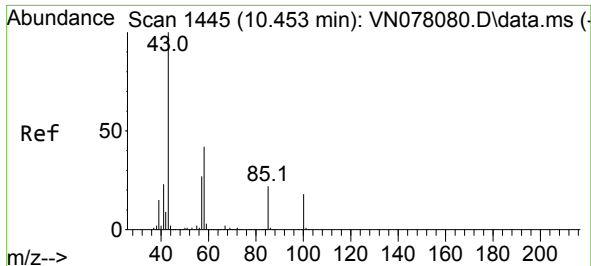
Tgt Ion: 98 Resp: 753527

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0

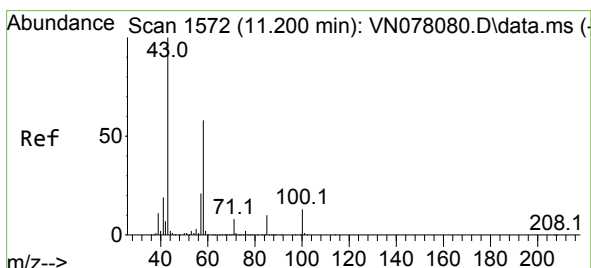
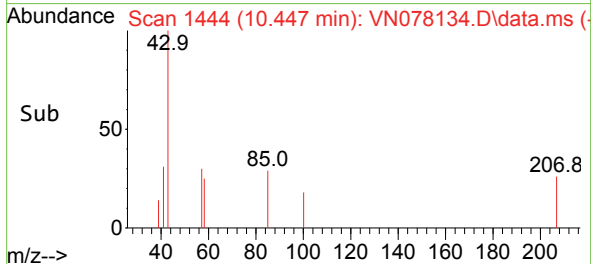
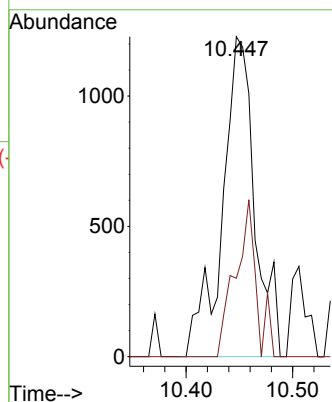
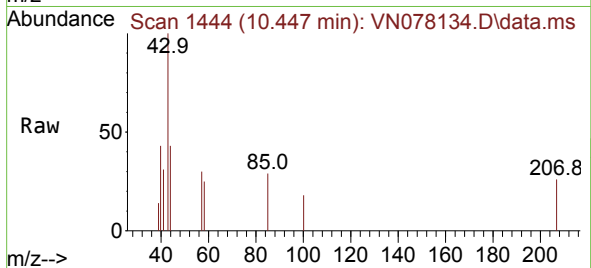




#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

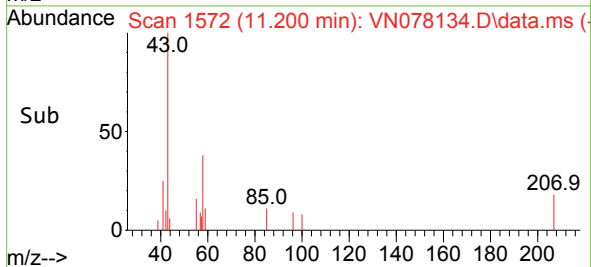
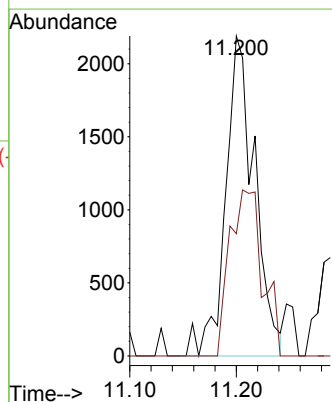
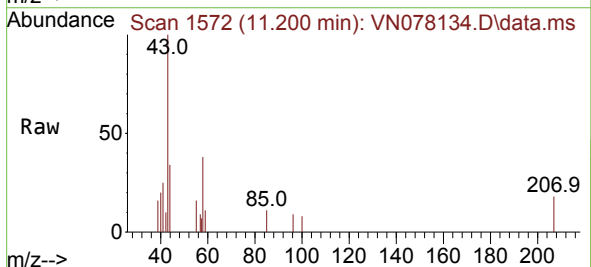
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

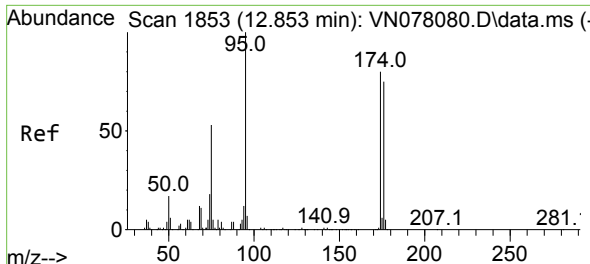
Tgt Ion: 43 Resp: 2610
Ion Ratio Lower Upper
43 100
58 31.6 36.6 54.8#



#59
2-Hexanone
Concen: 1.362 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 43 Resp: 4140
Ion Ratio Lower Upper
43 100
58 58.7 31.7 95.1

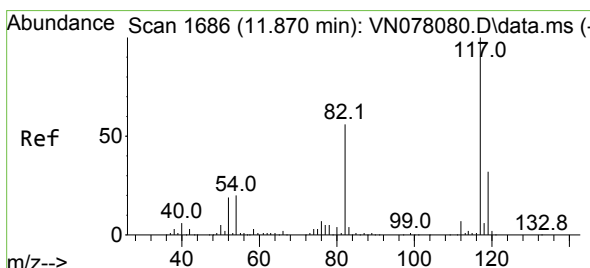
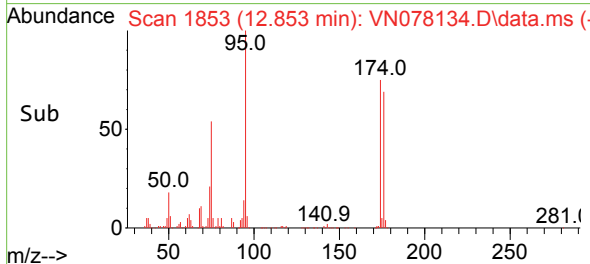
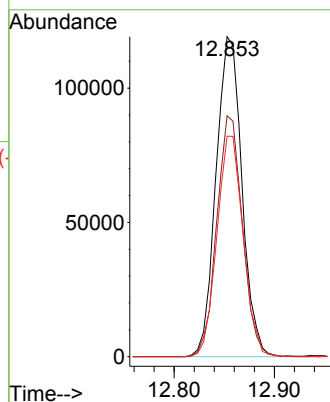
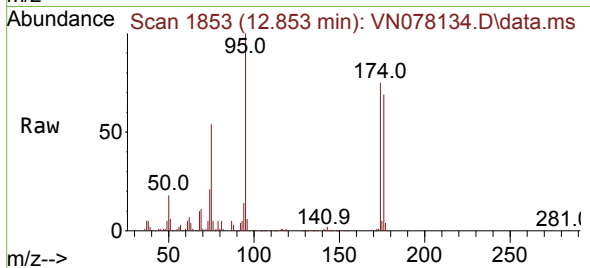




#62
4-Bromofluorobenzene
Concen: 46.049 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

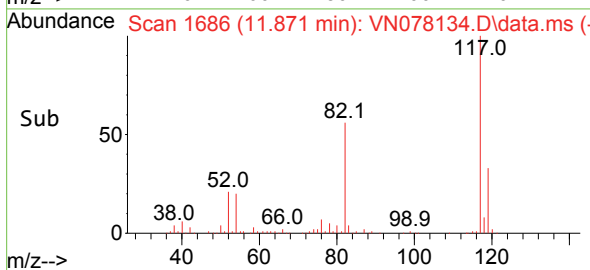
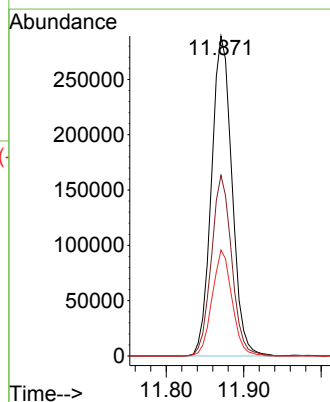
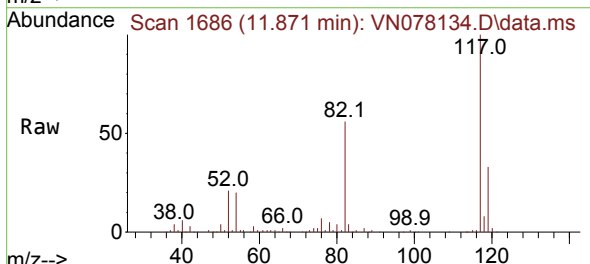
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

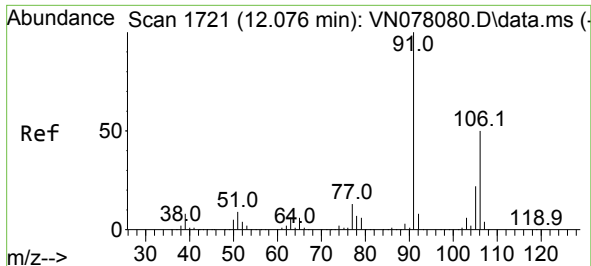
Tgt Ion: 95 Resp: 213437
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 69.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 117 Resp: 533243
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 33.1 25.6 38.4

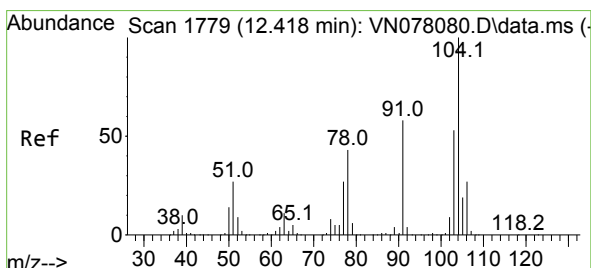
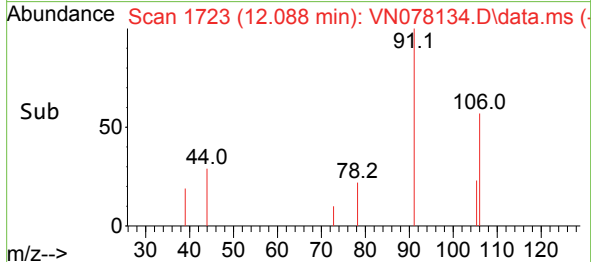
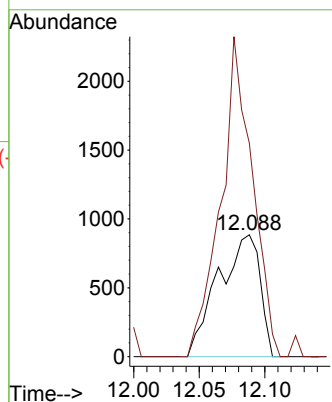
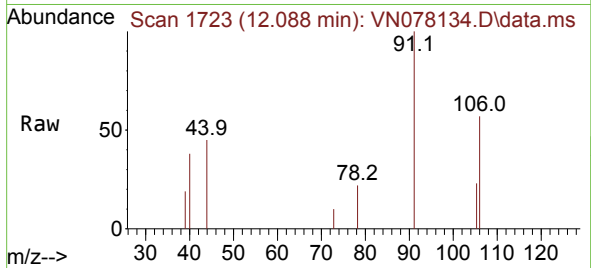




#68
m/p-Xylenes
Concen: 0.261 ug/l
RT: 12.088 min Scan# 1723
Delta R.T. 0.012 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

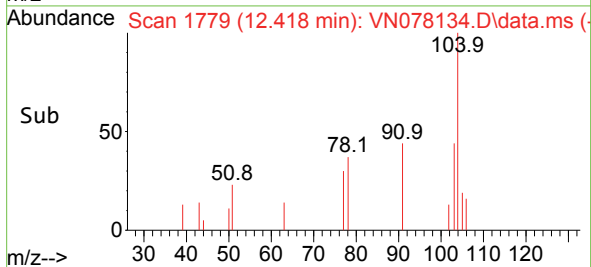
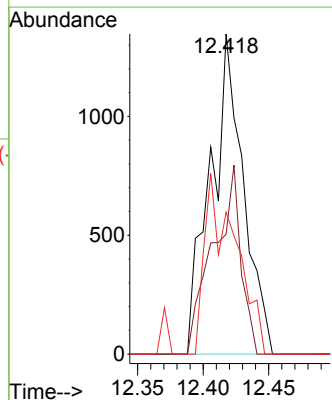
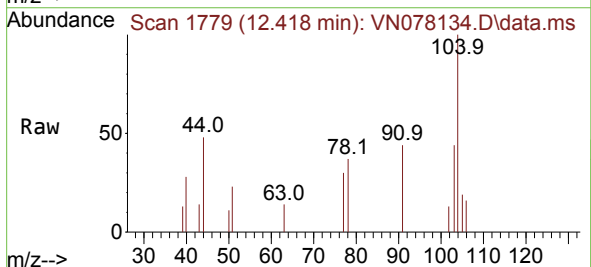
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

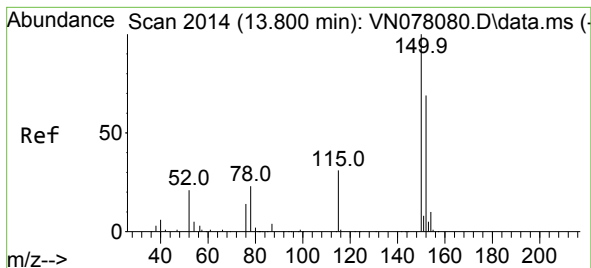
Tgt Ion:106 Resp: 1958
Ion Ratio Lower Upper
106 100
91 199.6 159.6 239.4



#70
Styrene
Concen: 0.202 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion:104 Resp: 2348
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 53.2 43.2 64.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBL01

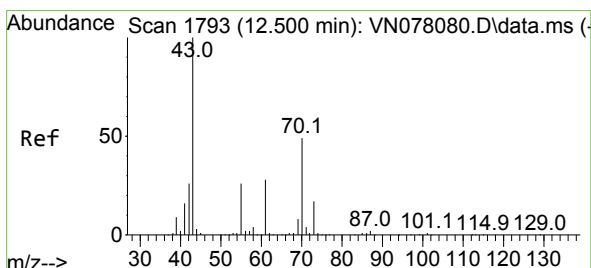
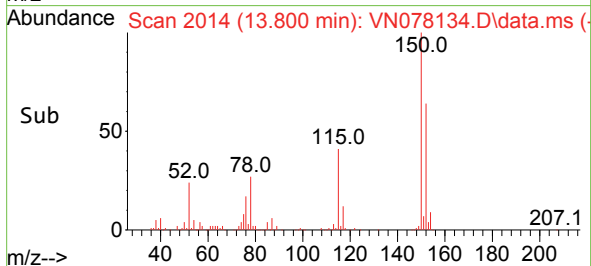
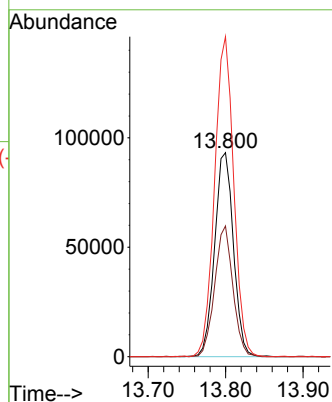
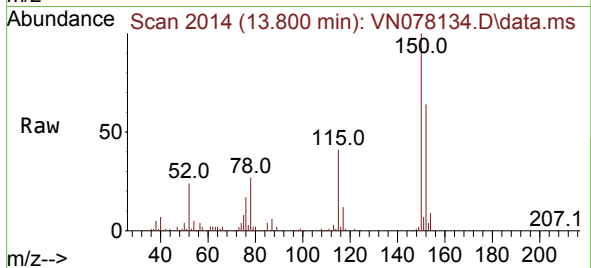
Tgt Ion:152 Resp: 157087

Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 159.2 0.0 355.8



#74

N-ethyl acetate

Concen: 0.385 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

Tgt Ion: 43 Resp: 1882

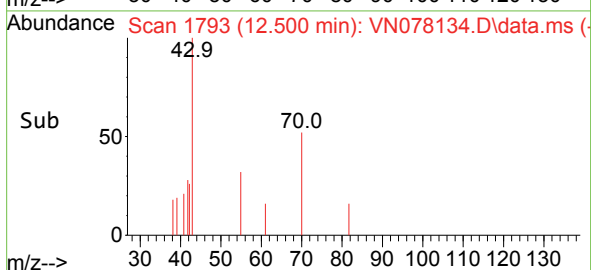
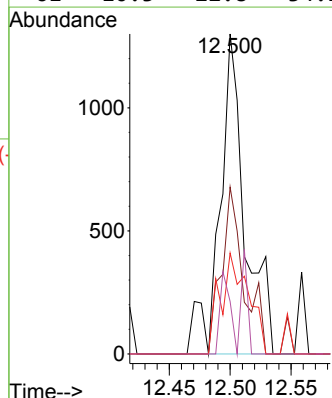
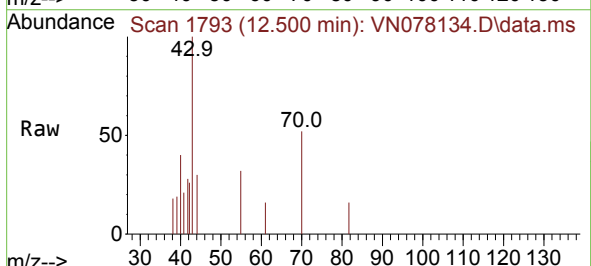
Ion Ratio Lower Upper

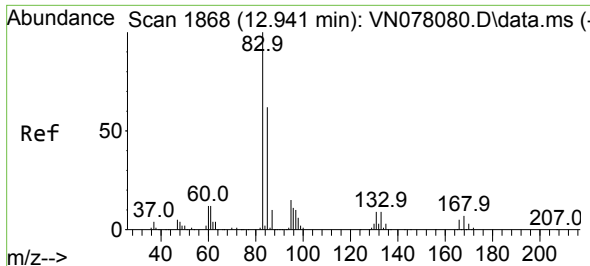
43 100

70 46.2 43.4 65.2

55 34.9 21.4 32.0#

61 10.3 22.8 34.2#

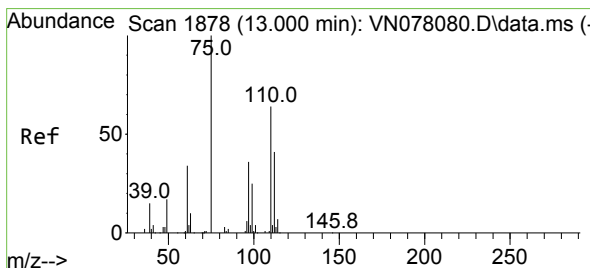
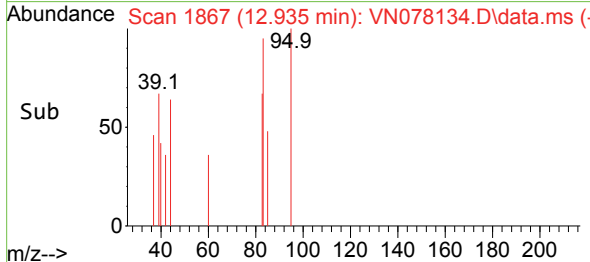
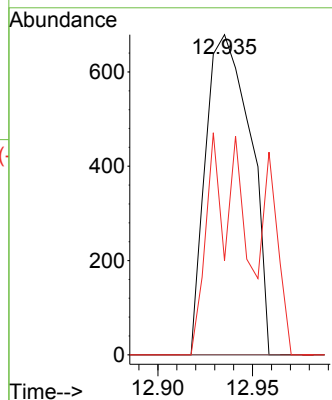
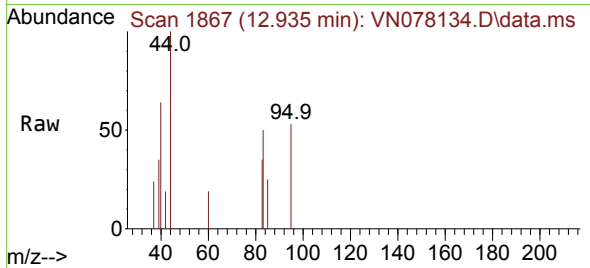




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

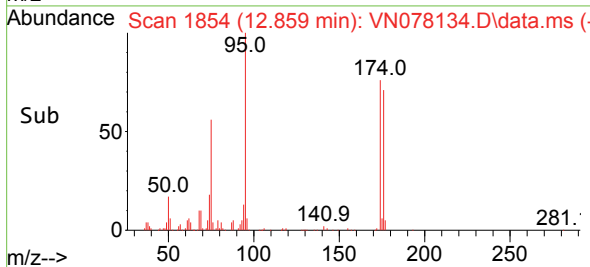
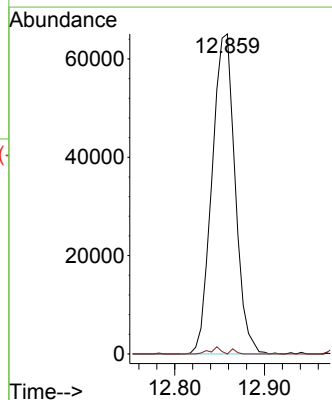
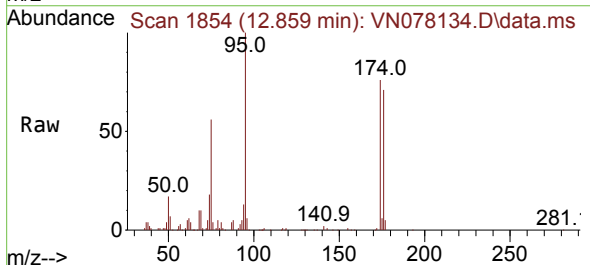
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

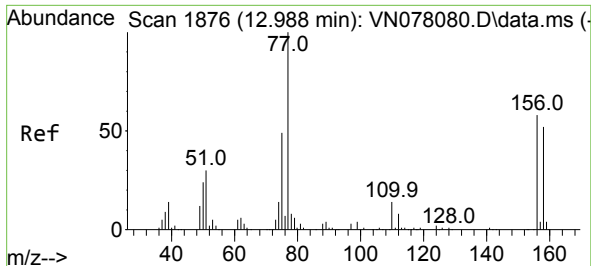
Tgt Ion: 83 Resp: 1114
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 52.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 31.277 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 75 Resp: 116149
Ion Ratio Lower Upper
75 100
77 0.4 84.5 253.5#

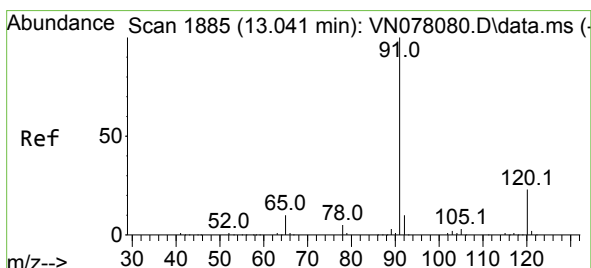
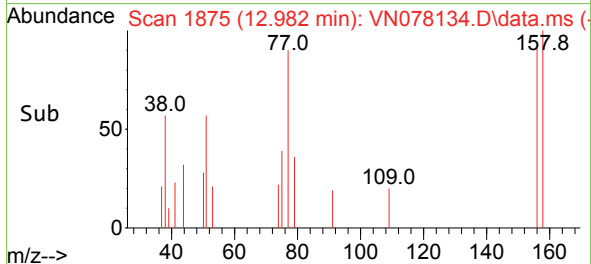
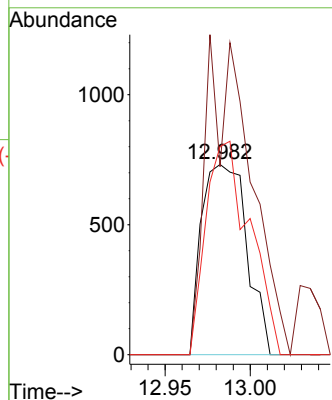
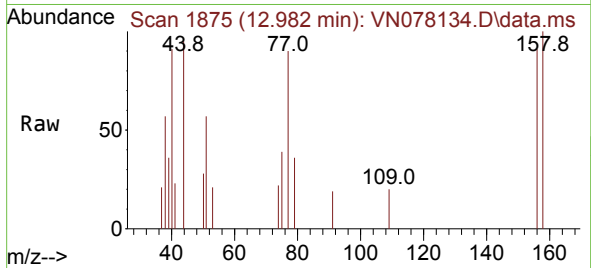




#77
Bromobenzene
Concen: 0.392 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

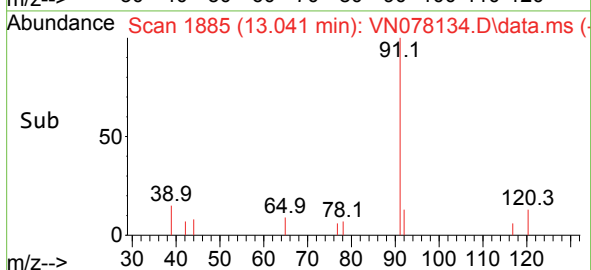
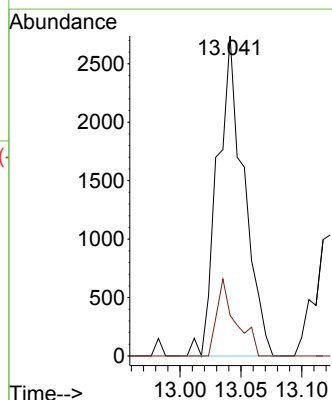
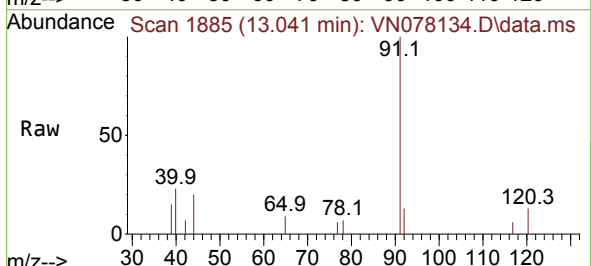
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

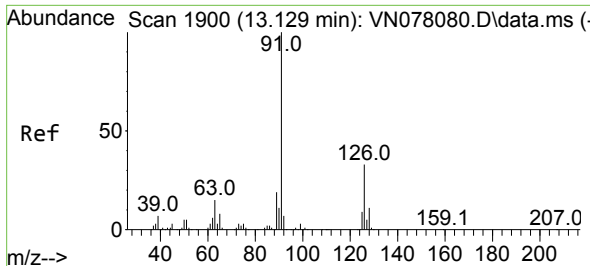
Tgt Ion:156 Resp: 1352
Ion Ratio Lower Upper
156 100
77 164.2 107.7 323.3
158 109.1 48.4 145.3



#78
n-propylbenzene
Concen: 0.256 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 91 Resp: 4132
Ion Ratio Lower Upper
91 100
120 17.3 11.5 34.4

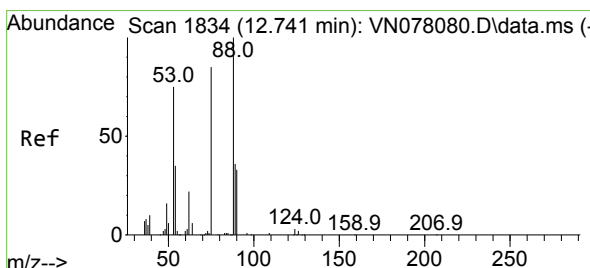
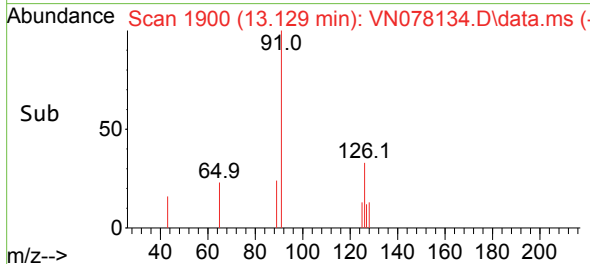
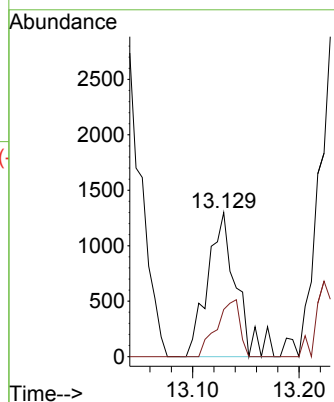
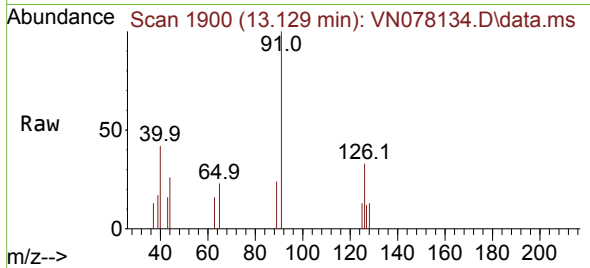




#79
2-Chlorotoluene
Concen: 0.234 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

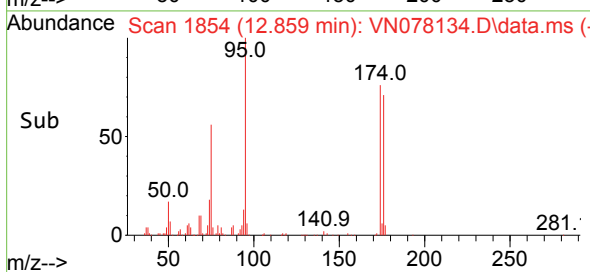
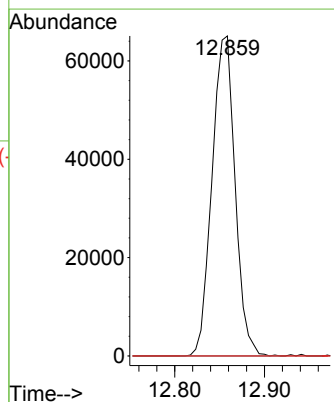
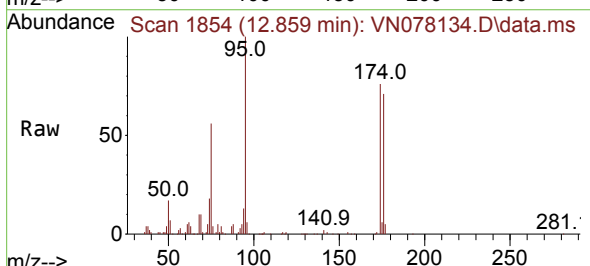
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

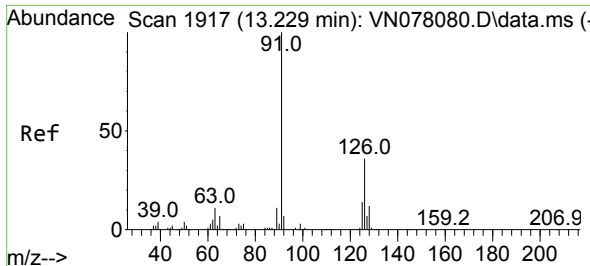
Tgt Ion: 91 Resp: 2440
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8



#81
trans-1,4-Dichloro-2-butene
Concen: 96.092 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 75 Resp: 116149
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

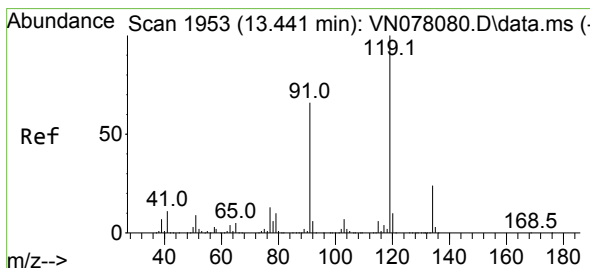
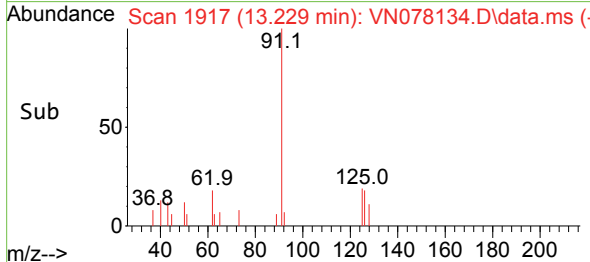
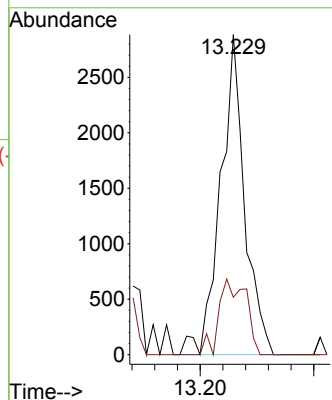
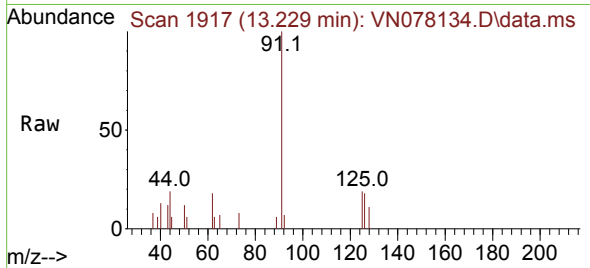




#82
4-Chlorotoluene
Concen: 0.438 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

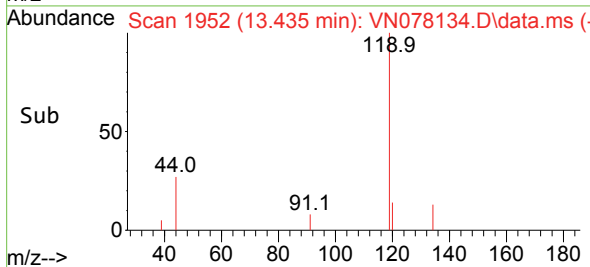
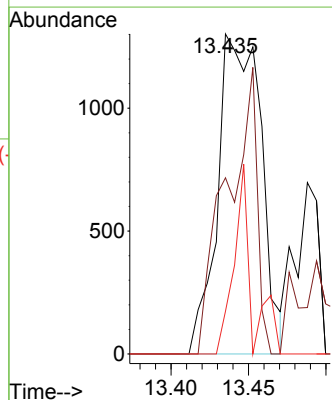
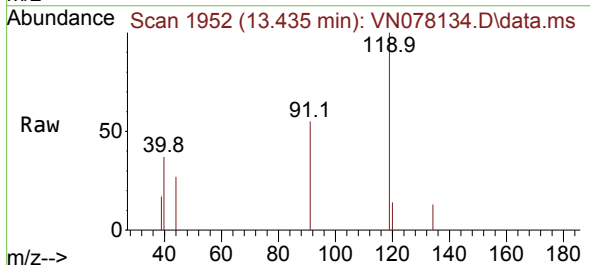
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

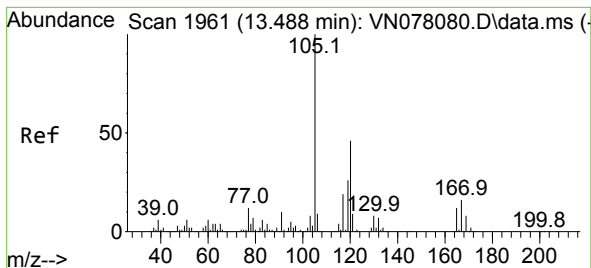
Tgt Ion: 91 Resp: 4260
Ion Ratio Lower Upper
91 100
126 26.5 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.242 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 119 Resp: 2535
Ion Ratio Lower Upper
119 100
91 62.4 33.9 101.7
134 24.3 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 0.204 ug/l

RT: 13.482 min Scan# 1961

Delta R.T. -0.006 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

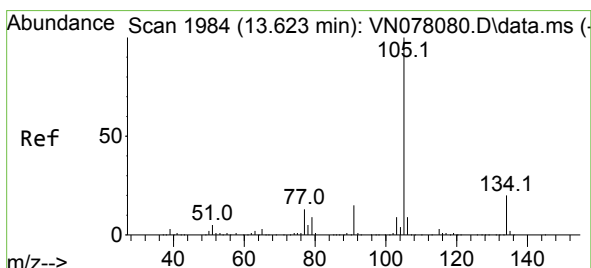
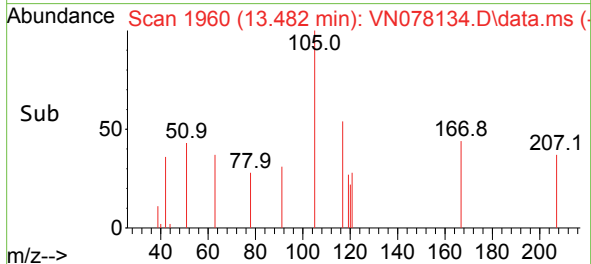
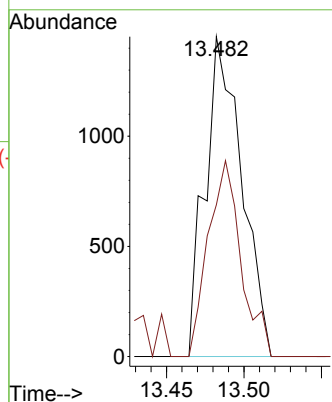
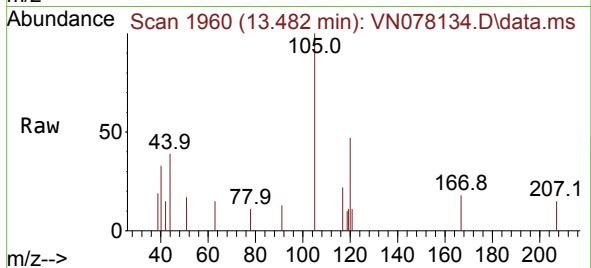
VN0609MBL01

Tgt Ion:105 Resp: 2384

Ion Ratio Lower Upper

105 100

120 54.9 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.355 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078134.D

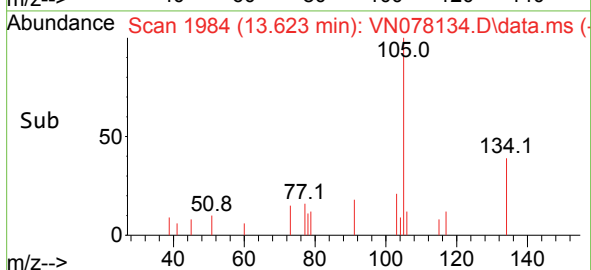
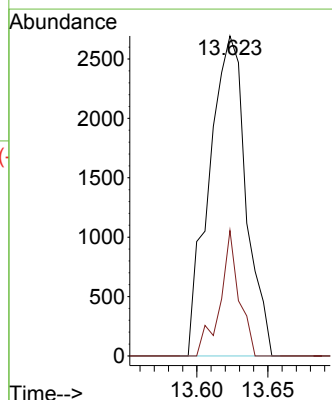
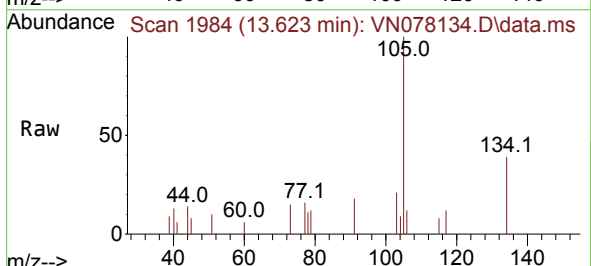
Acq: 09 Jun 2023 10:02

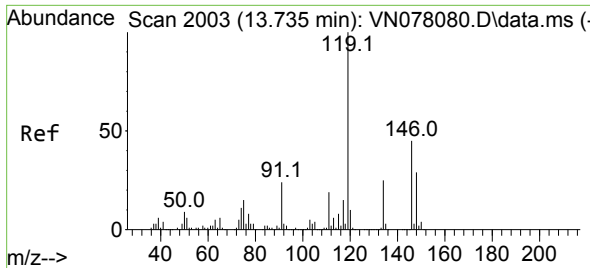
Tgt Ion:105 Resp: 4864

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3

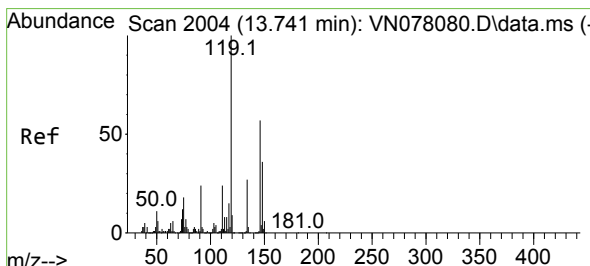
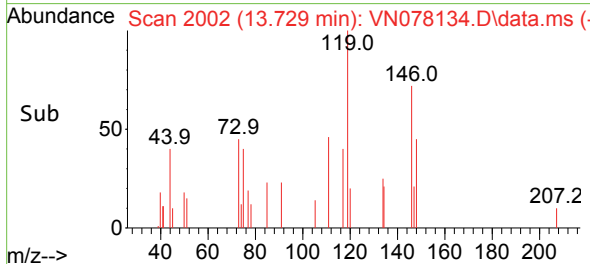
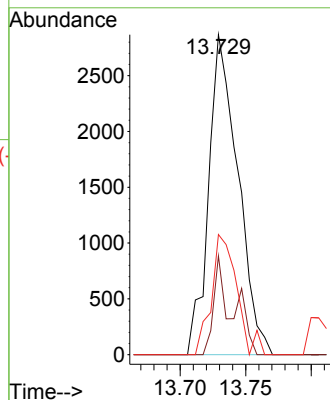
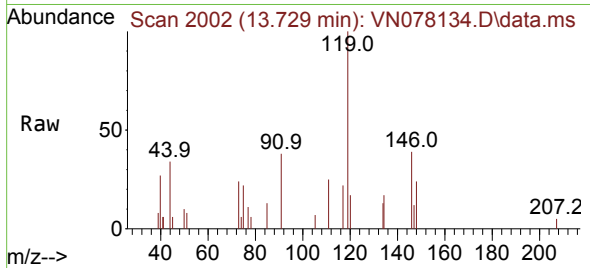




#86
 p-Isopropyltoluene
 Concen: 0.401 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN078134.D
 Acq: 09 Jun 2023 10:02

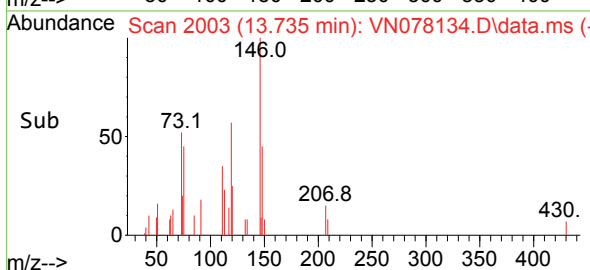
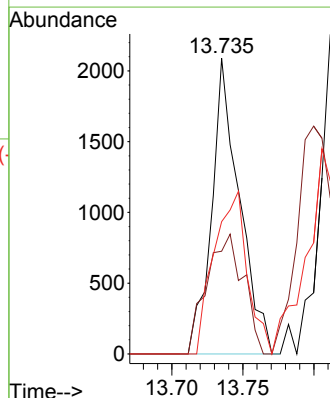
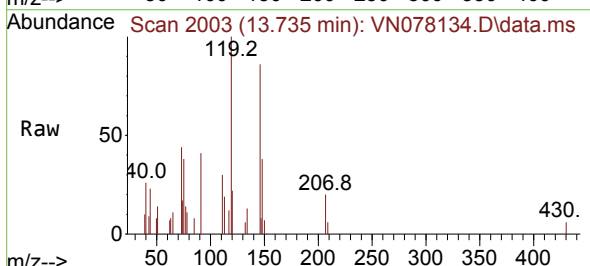
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609MBL01

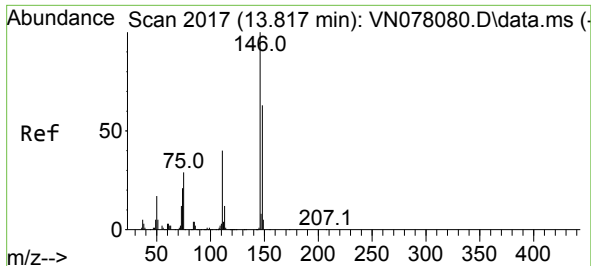
Tgt Ion:	119	Resp:	4451
Ion	Ratio	Lower	Upper
119	100		
134	19.9	12.6	37.8
91	32.5	12.4	37.2



#87
 1,3-Dichlorobenzene
 Concen: 0.487 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN078134.D
 Acq: 09 Jun 2023 10:02

Tgt Ion:	146	Resp:	2839
Ion	Ratio	Lower	Upper
146	100		
111	53.5	22.1	66.3
148	66.0	32.0	96.0

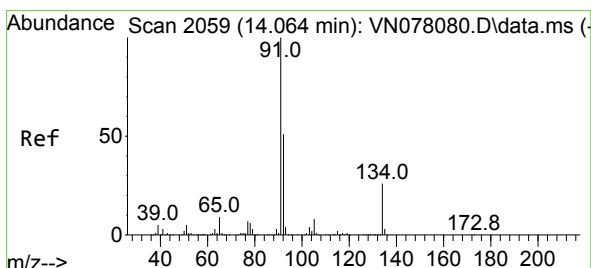
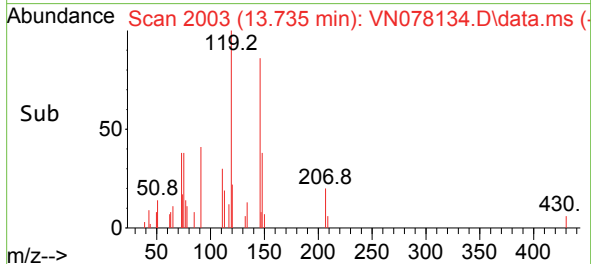
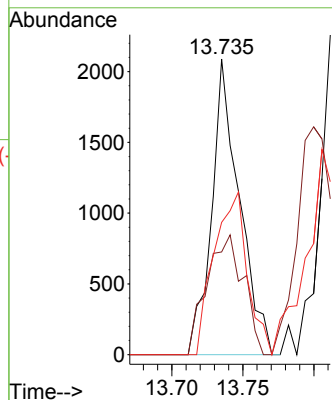
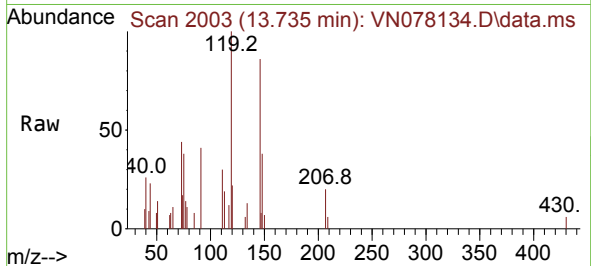




#88
1,4-Dichlorobenzene
Concen: 0.504 ug/l
RT: 13.735 min Scan# 2017
Delta R.T. -0.082 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

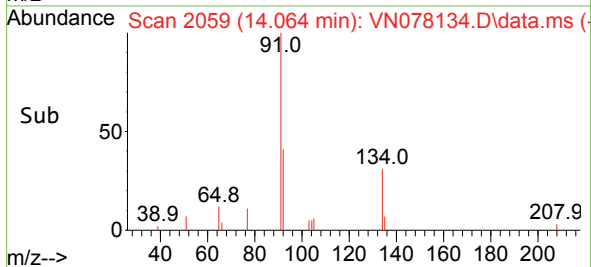
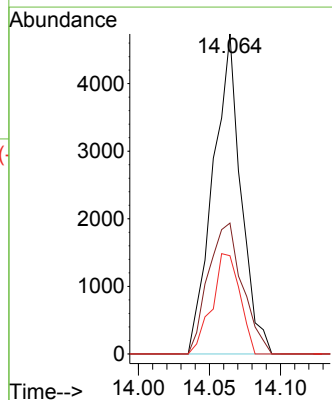
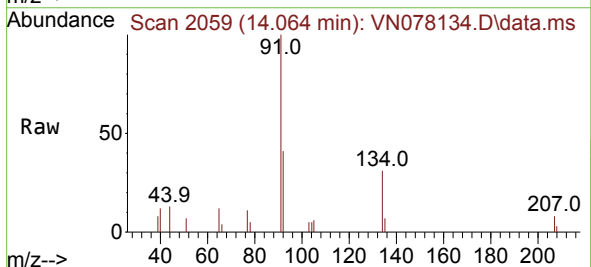
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

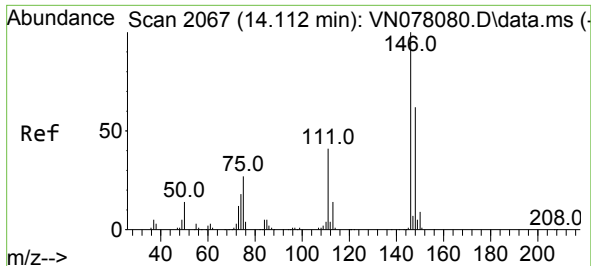
Tgt Ion:146 Resp: 2839
Ion Ratio Lower Upper
146 100
111 53.5 20.6 61.8
148 66.0 31.6 94.8



#89
n-Butylbenzene
Concen: 0.740 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 91 Resp: 6478
Ion Ratio Lower Upper
91 100
92 50.0 26.4 79.0
134 31.3 12.6 37.6

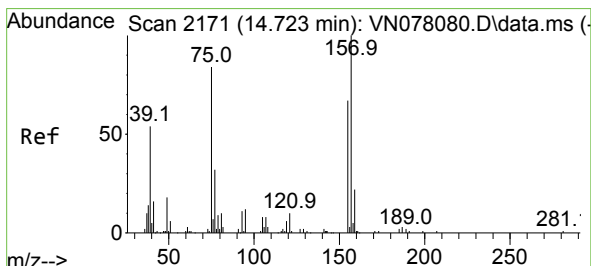
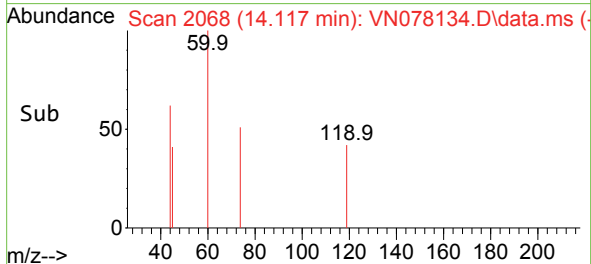
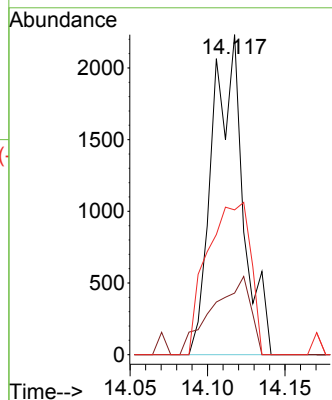
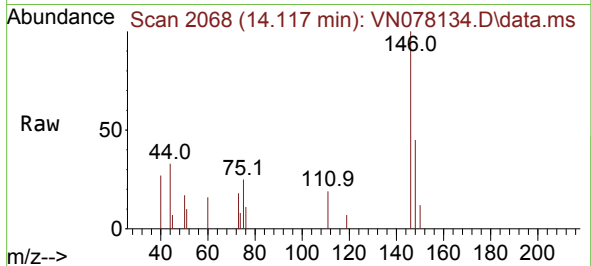




#91
1,2-Dichlorobenzene
Concen: 0.540 ug/l
RT: 14.117 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

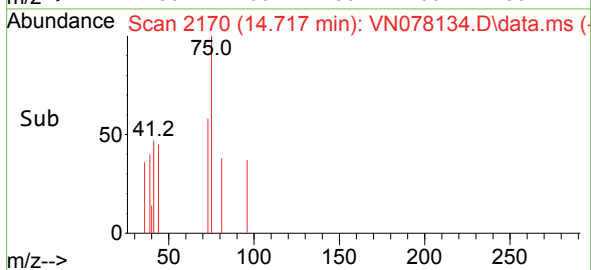
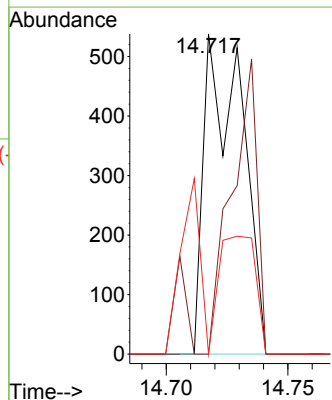
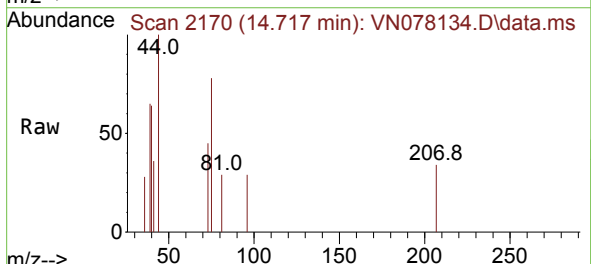
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBL01

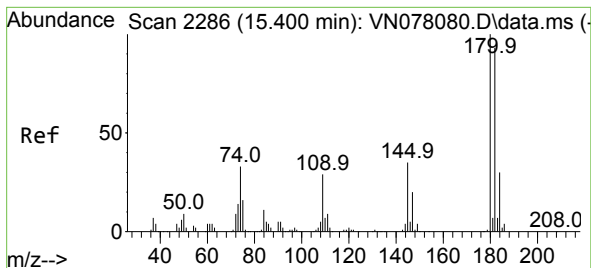
Tgt Ion:146 Resp: 3076
Ion Ratio Lower Upper
146 100
111 30.3 22.0 66.0
148 66.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.791 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078134.D
Acq: 09 Jun 2023 10:02

Tgt Ion: 75 Resp: 582
Ion Ratio Lower Upper
75 100
155 10.0 39.1 117.2#
157 28.2 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 1.826 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBL01

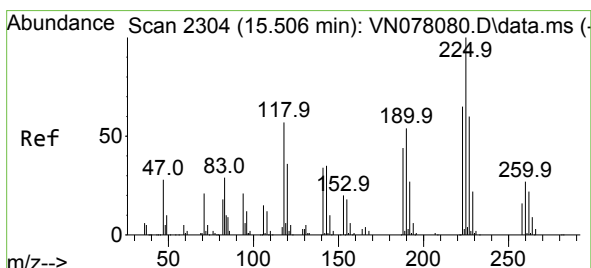
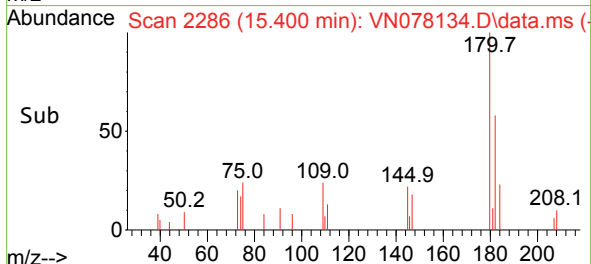
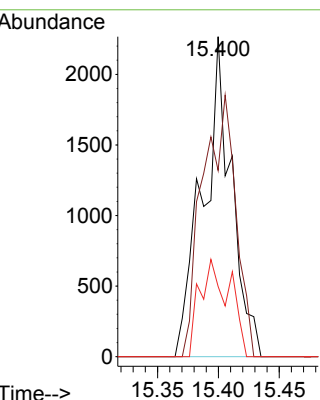
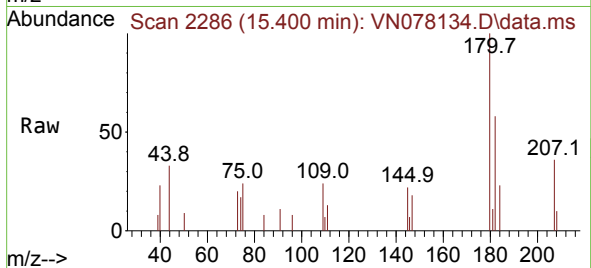
Tgt Ion:180 Resp: 3709

Ion Ratio Lower Upper

180 100

182 94.2 46.1 138.2

145 31.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.775 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

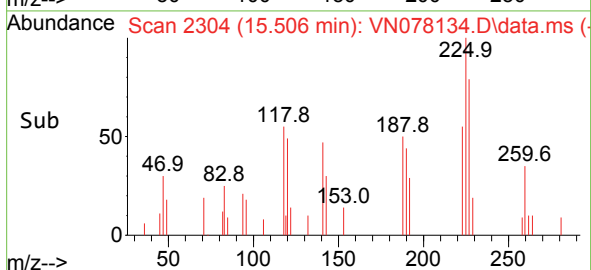
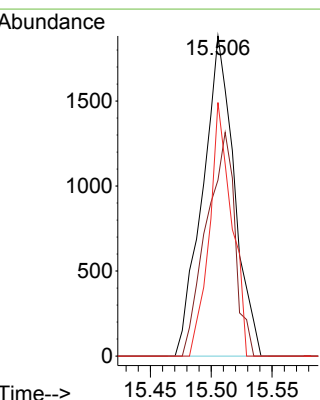
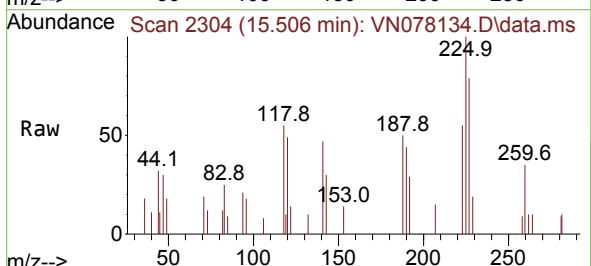
Tgt Ion:225 Resp: 3397

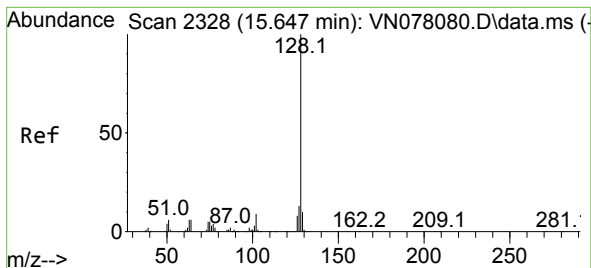
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 55.9 31.9 95.9





#95

Naphthalene

Concen: 1.891 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBL01

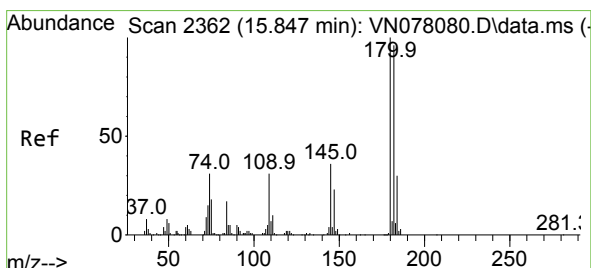
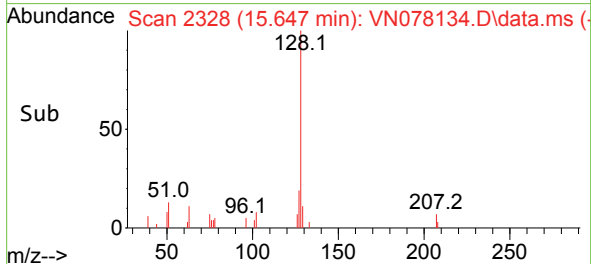
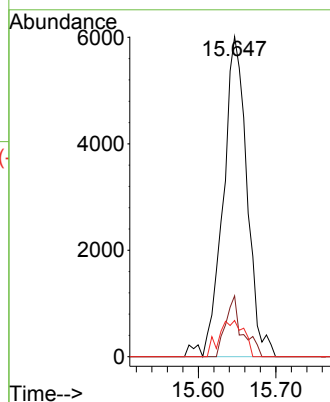
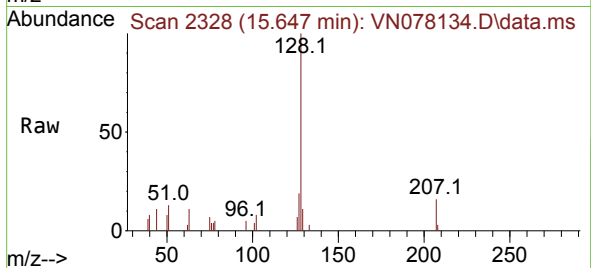
Tgt Ion:128 Resp: 12919

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.764 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078134.D

Acq: 09 Jun 2023 10:02

Tgt Ion:180 Resp: 4007

Ion Ratio Lower Upper

180 100

182 88.0 46.2 138.6

145 37.6 17.5 52.6

