

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078558.D
 Acq On : 18 Jul 2023 14:01
 Operator : JC\MD
 Sample : PB154251ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154251ZHE#03

Quant Time: Jul 19 01:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	420282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	874011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	751203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	319610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	281649	49.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.980%		
35) Dibromofluoromethane	8.177	113	277971	46.851	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	10.571	98	937493	41.827	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	83.660%#		
62) 4-Bromofluorobenzene	12.853	95	326089	47.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.460%		
Target Compounds						Qvalue
3) Chloromethane	2.371	50	1790	0.320	ug/l	97
5) Bromomethane	2.965	94	3038	Below Cal	#	54
6) Chloroethane	3.048	64	1722	Below Cal	#	43
11) Tert butyl alcohol	5.547	59	865	0.996	ug/l #	72
13) Acrolein	4.189	56	276	0.323	ug/l #	16
16) Acetone	4.442	43	119269	67.956	ug/l	94
18) Methyl Acetate	5.042	43	2674	0.360	ug/l #	68
20) Methylene Chloride	5.289	84	26810	4.206	ug/l #	90
25) 2-Butanone	7.500	43	84813	30.699	ug/l #	87
29) Tetrahydrofuran	7.859	42	1160	0.640	ug/l #	67
31) Cyclohexane	8.230	56	9407	1.235	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	33809	3.947	ug/l #	50
37) Ethyl Acetate	7.577	43	30210	4.230	ug/l #	90
38) Carbon Tetrachloride	8.235	117	44702	4.801	ug/l #	15
42) 1,2-Dichloroethane	8.682	62	2280	0.264	ug/l #	73
43) Isopropyl Acetate	8.700	43	289047	24.584	ug/l #	83
45) 1,2-Dichloropropane	9.741	63	3243	0.505	ug/l #	45
48) Methyl methacrylate	9.747	41	234832	43.111	ug/l #	28
49) 1,4-Dioxane	9.706	88	65	0.547	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	301349	43.090	ug/l	91
54) cis-1,3-Dichloropropene	10.365	75	108684	10.974	ug/l #	68
57) 1,3-Dichloropropane	11.206	76	13670	1.297	ug/l #	44
59) 2-Hexanone	11.206	43	150934	30.367	ug/l #	52
71) Bromoform	12.853	173	1647	0.376	ug/l #	1
74) N-amyl acetate	12.494	43	2937	0.284	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.947	83	534	Below Cal	#	39
76) 1,2,3-Trichloropropane	12.853	75	173587	22.470	ug/l #	1
77) Bromobenzene	13.000	156	484	Below Cal	#	21
81) trans-1,4-Dichloro-2-b...	12.853	75	173587	59.046	ug/l #	15
90) Hexachloroethane	14.329	117	198	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.717	75	183	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	15.394	180	921	0.252	ug/l	73
94) Hexachlorobutadiene	15.500	225	284	Below Cal	#	1
95) Naphthalene	15.647	128	3705	0.296	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.864	180	1239	0.294	ug/l #	18

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

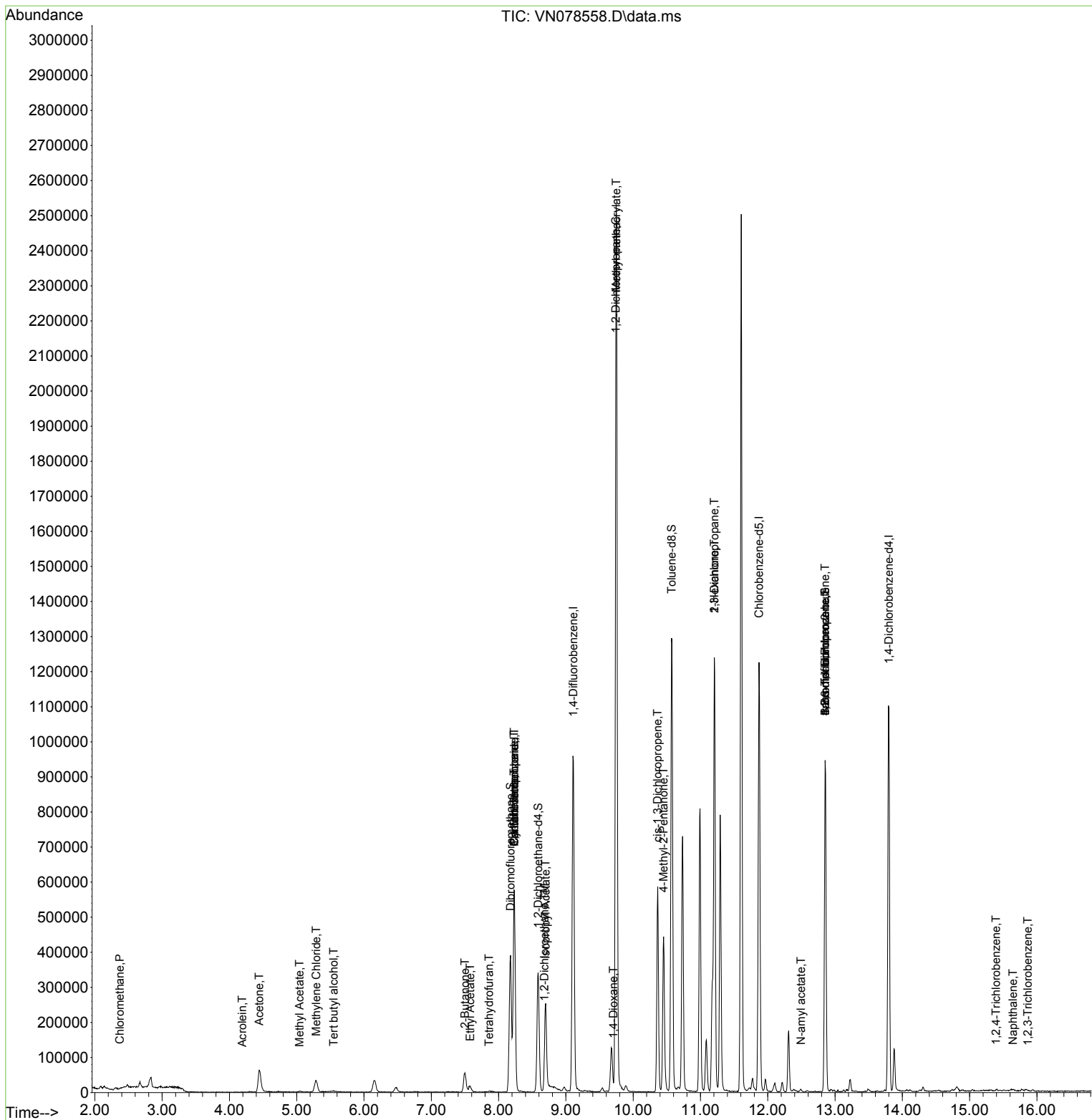
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

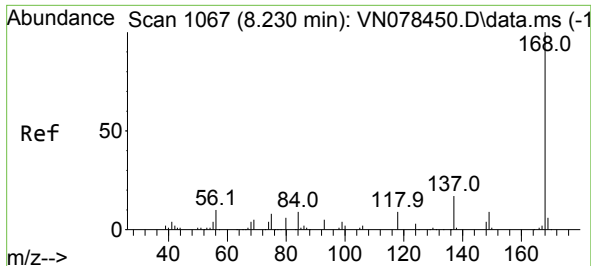
Quant Time: Jul 19 01:49:28 2023
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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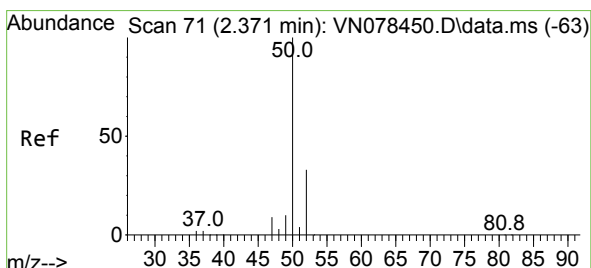
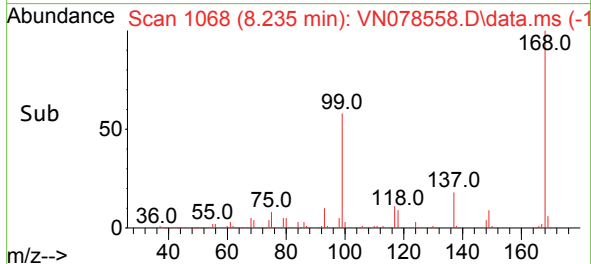
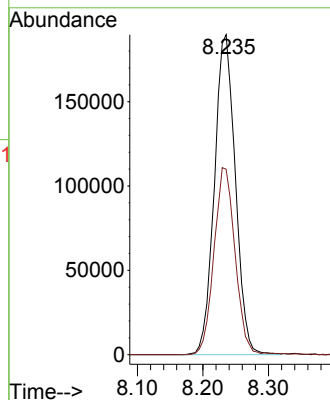
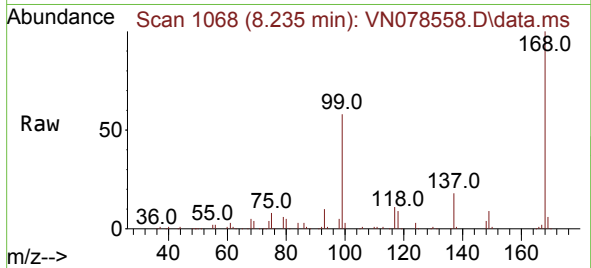




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

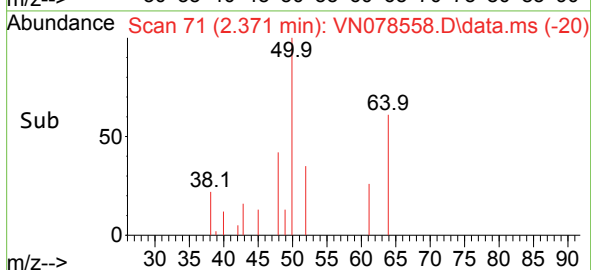
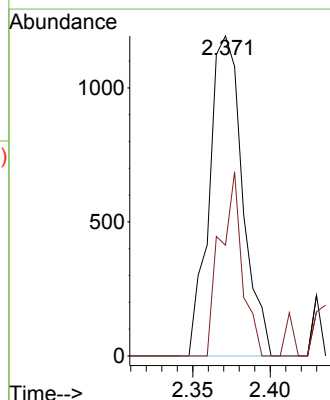
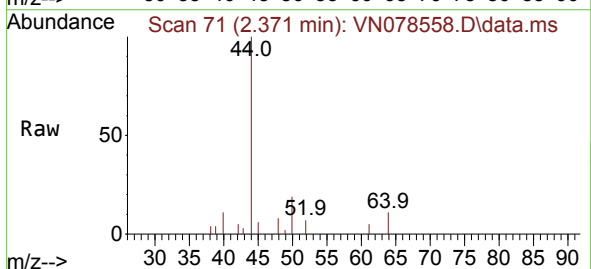
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

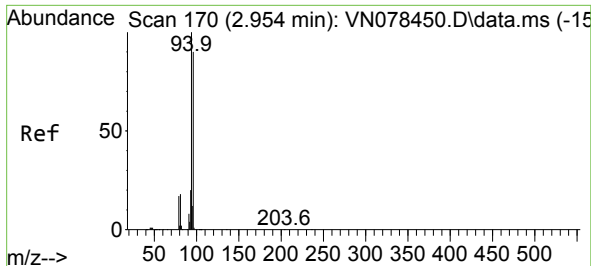
Tgt Ion:168 Resp: 420282
Ion Ratio Lower Upper
168 100
99 57.9 53.0 79.6



#3
Chloromethane
Concen: 0.320 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 50 Resp: 1790
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

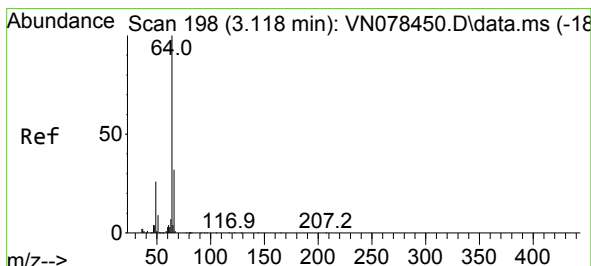
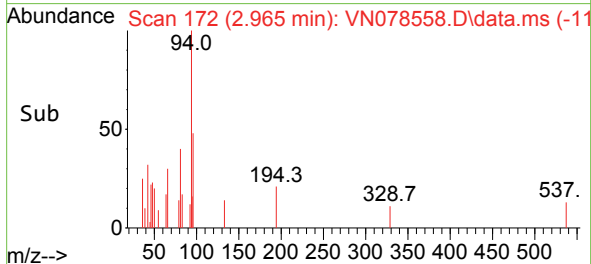
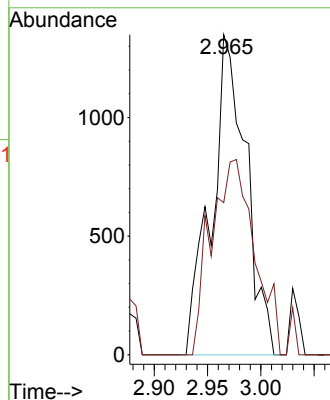
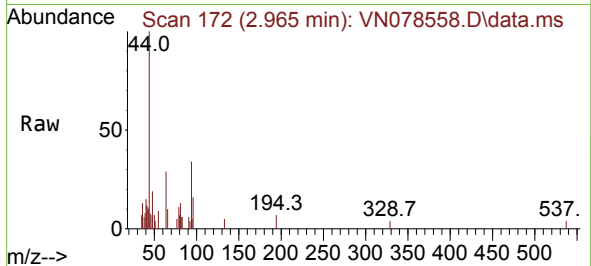




#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

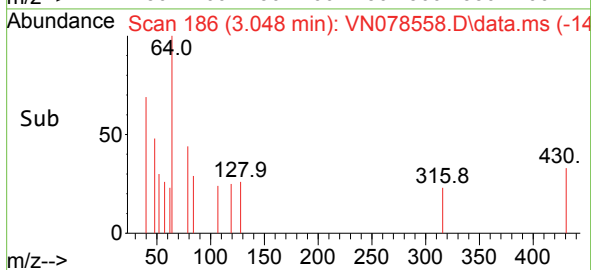
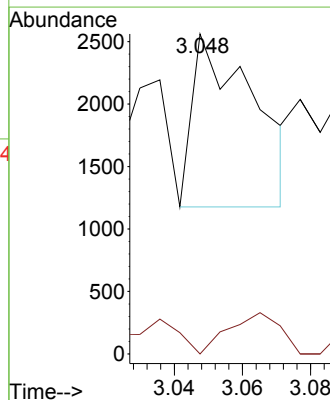
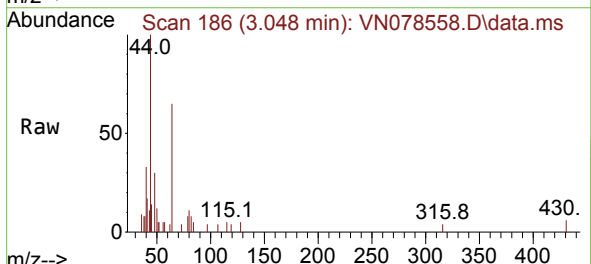
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

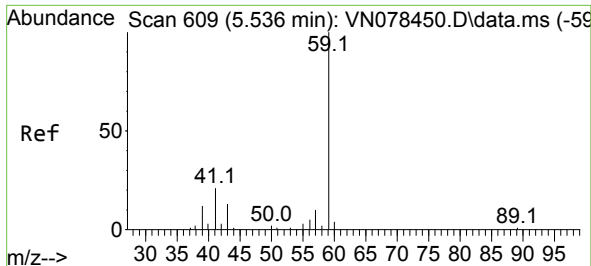
Tgt Ion: 94 Resp: 3038
Ion Ratio Lower Upper
94 100
96 47.5 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.048 min Scan# 186
Delta R.T. -0.070 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 64 Resp: 1722
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

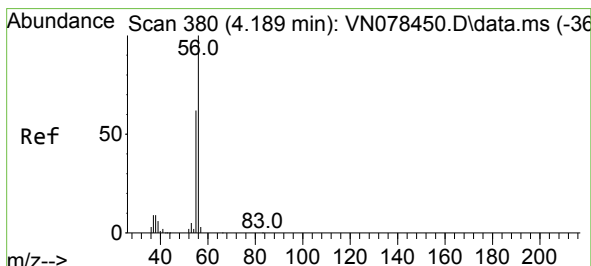
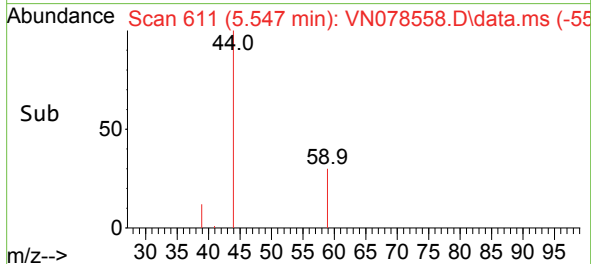
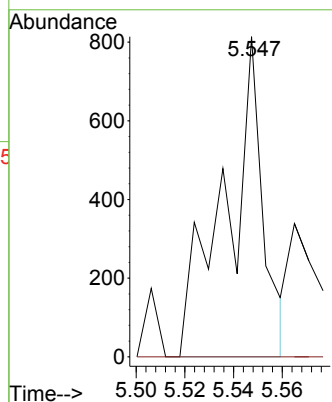
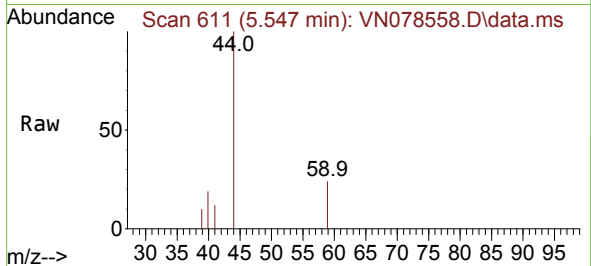




#11
Tert butyl alcohol
Concen: 0.996 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

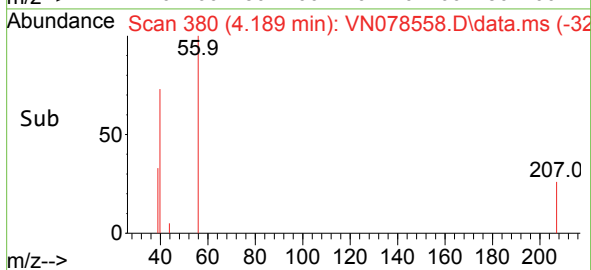
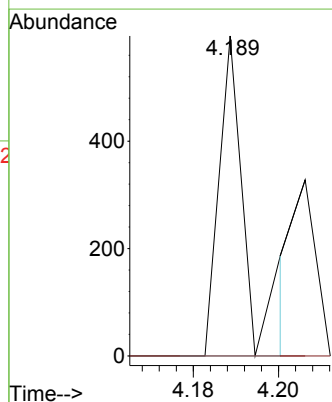
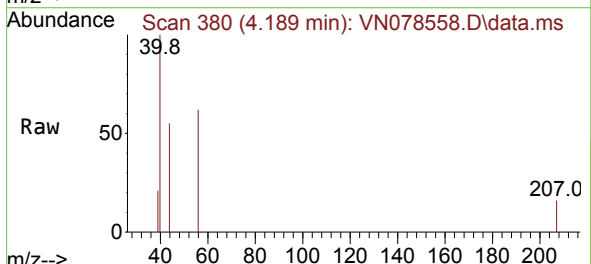
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

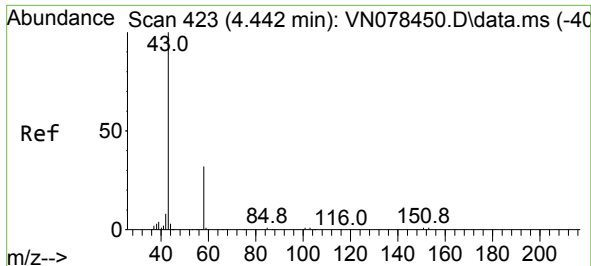
Tgt Ion: 59 Resp: 865
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.323 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 56 Resp: 276
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

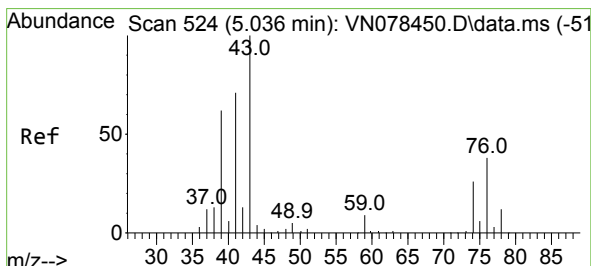
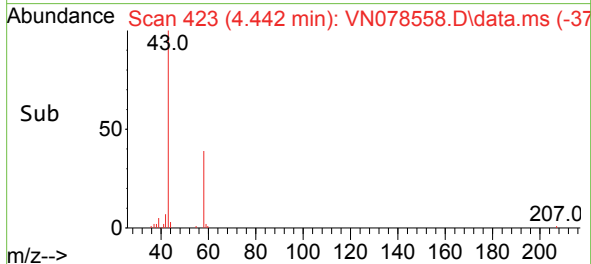
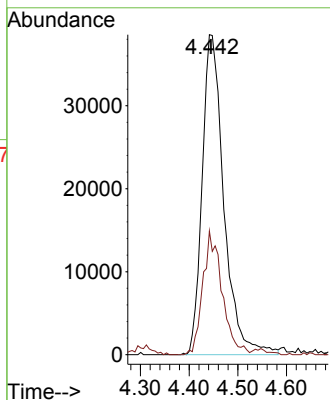
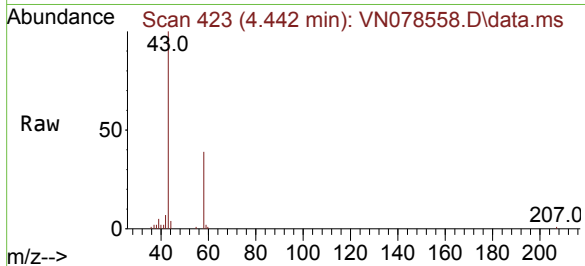




#16
Acetone
Concen: 67.956 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

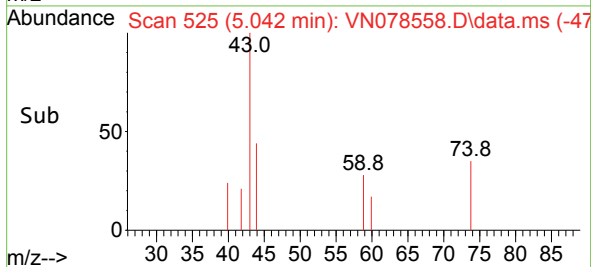
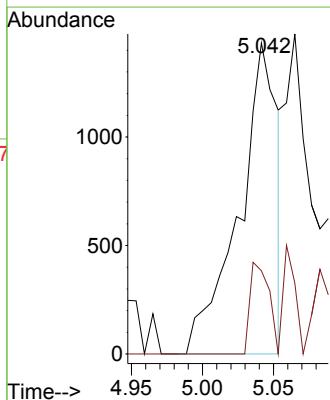
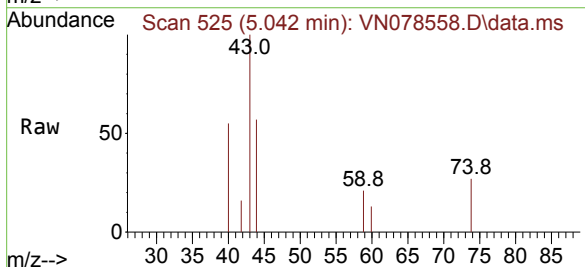
Instrument :
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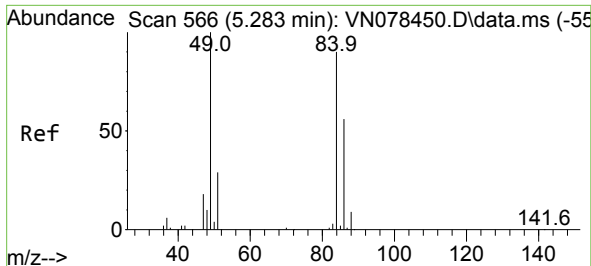
Tgt Ion: 43 Resp: 119269
Ion Ratio Lower Upper
43 100
58 38.7 28.0 42.0



#18
Methyl Acetate
Concen: 0.360 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

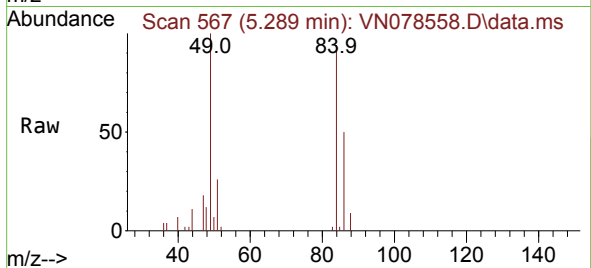
Tgt Ion: 43 Resp: 2674
Ion Ratio Lower Upper
43 100
74 14.5 26.2 39.4#



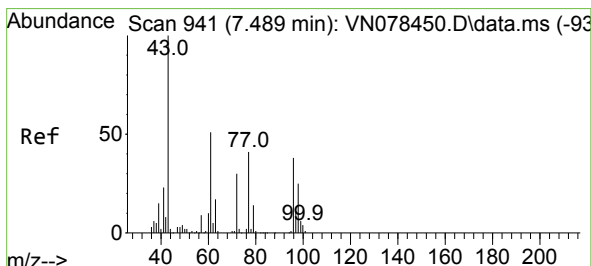
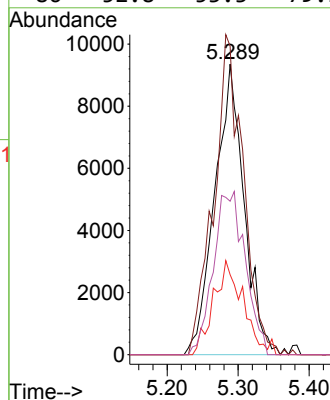
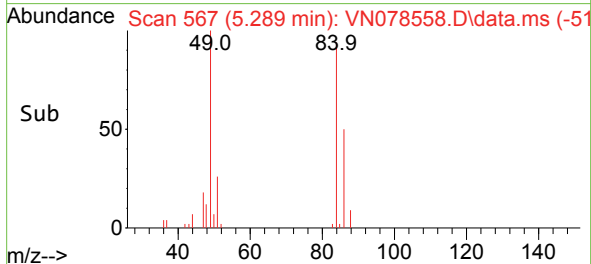


#20
Methylene Chloride
Concen: 4.206 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
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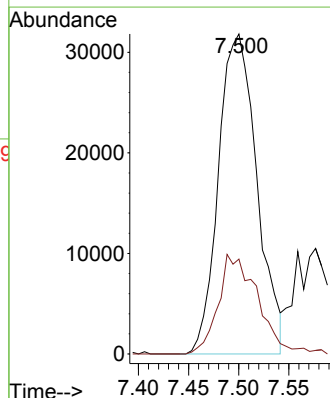
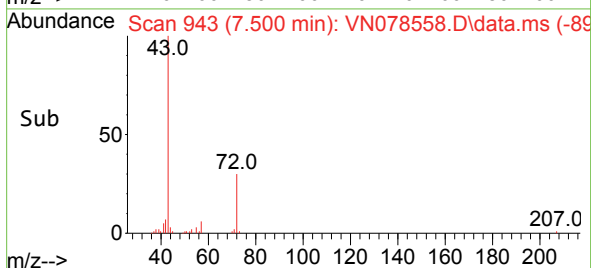
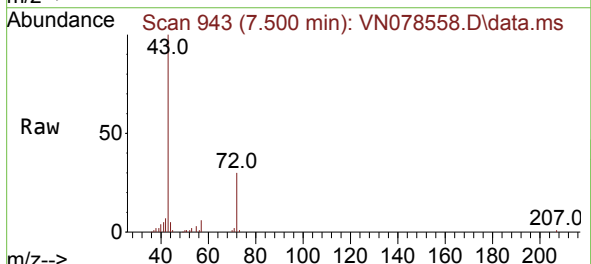


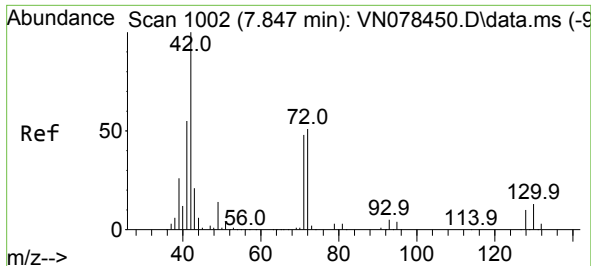
Tgt Ion: 84 Resp: 26810
Ion Ratio Lower Upper
84 100
49 106.2 79.7 119.5
51 27.5 25.2 37.8
86 52.8 53.3 79.9#



#25
2-Butanone
Concen: 30.699 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 43 Resp: 84813
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.640 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

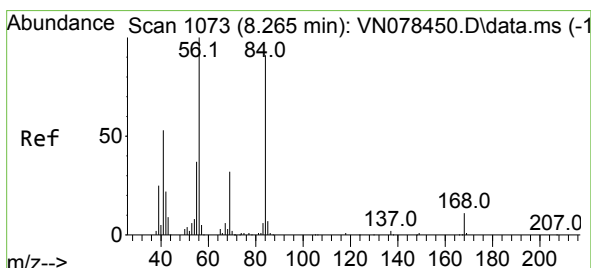
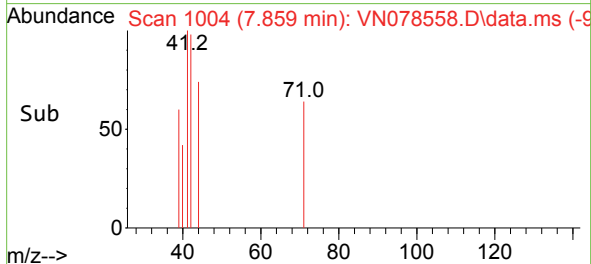
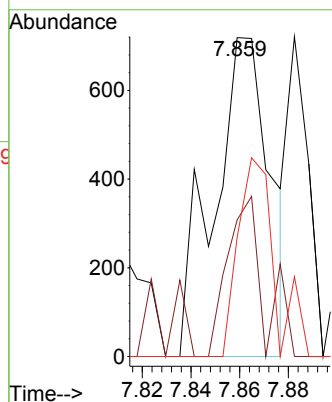
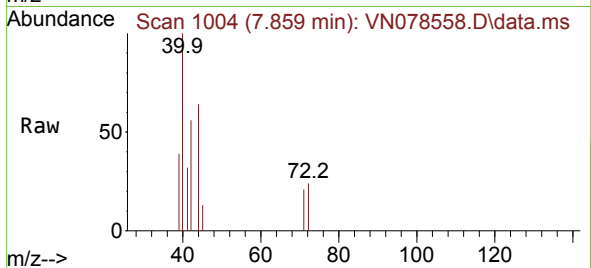
Instrument :

MSVOA_N

ClientSampleId :

PB154251ZHE#03

Tgt Ion: 42	Resp: 1160
Ion Ratio	Lower Upper
42	100
72	32.3 49.8 74.6#
71	39.7 47.4 71.2#



#31

Cyclohexane

Concen: 1.235 ug/l

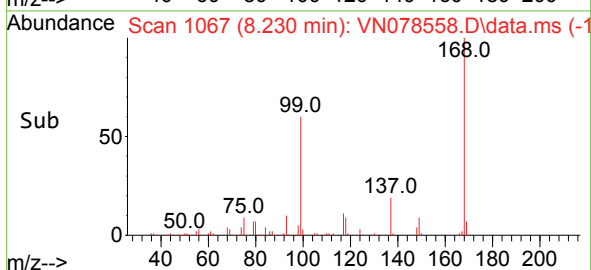
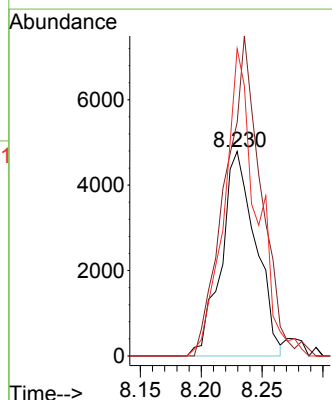
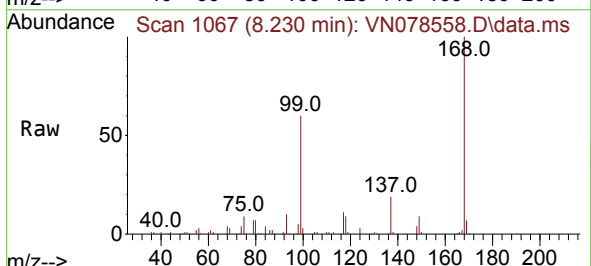
RT: 8.230 min Scan# 1067

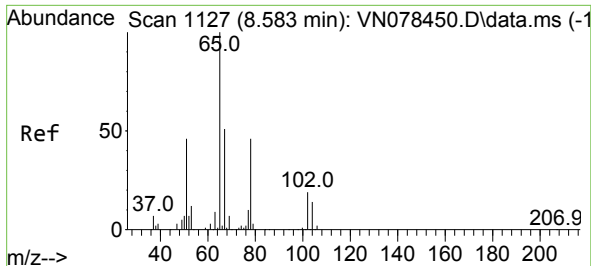
Delta R.T. -0.035 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

Tgt Ion: 56	Resp: 9407
Ion Ratio	Lower Upper
56	100
69	114.2 26.8 40.2#
84	150.2 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 49.988 ug/l

RT: 8.588 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

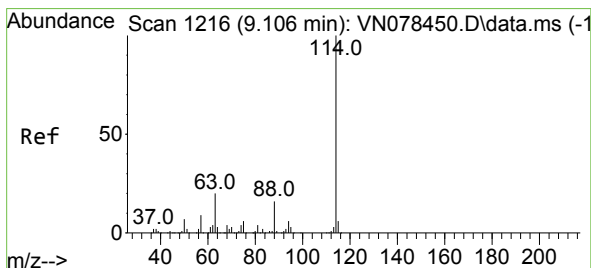
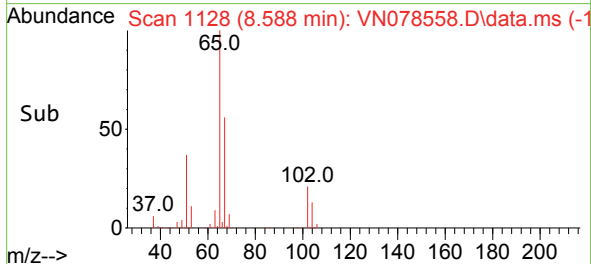
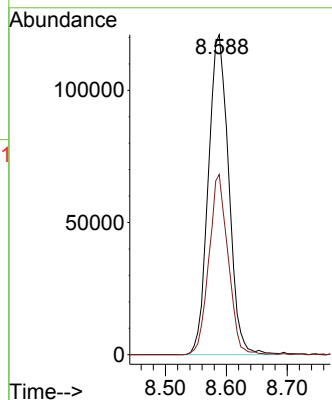
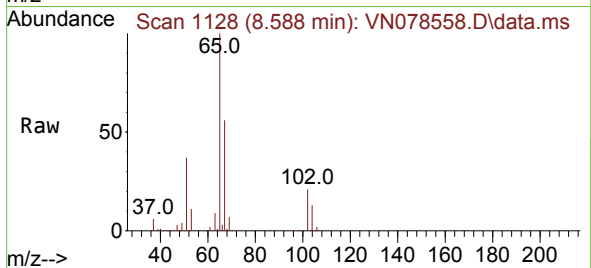
PB154251ZHE#03

Tgt Ion: 65 Resp: 281649

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

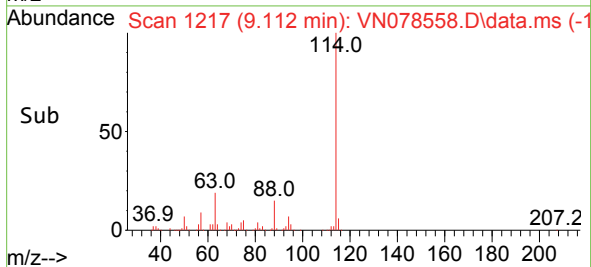
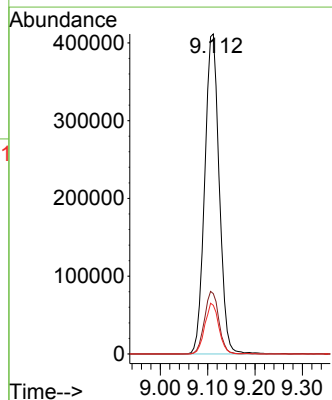
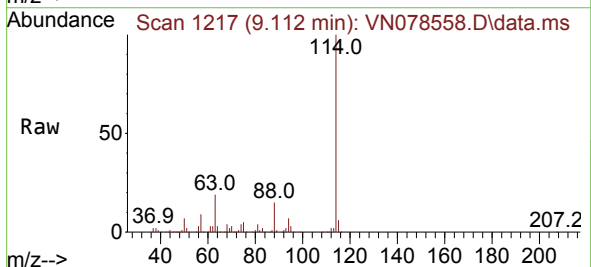
Tgt Ion:114 Resp: 874011

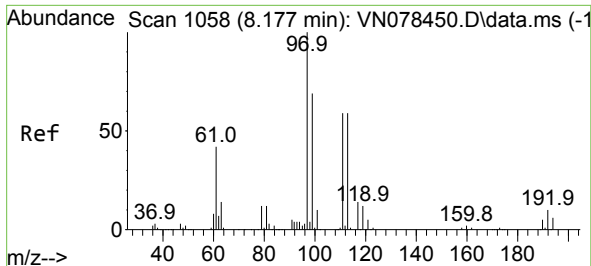
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.2 0.0 30.6

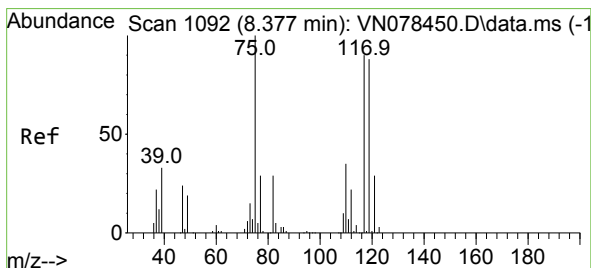
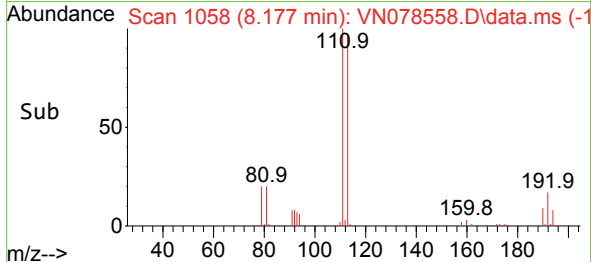
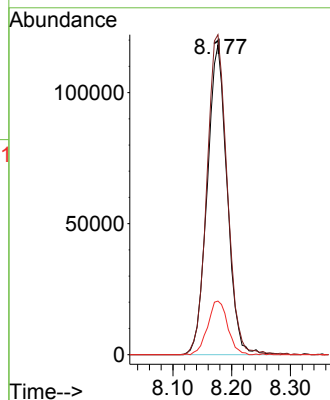
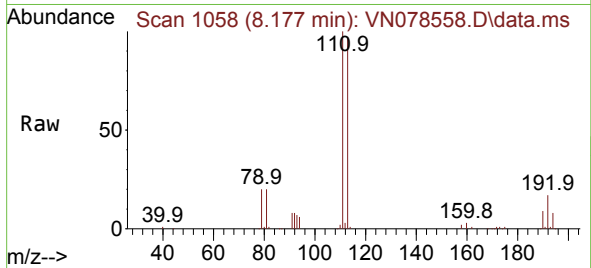




#35
Dibromofluoromethane
Concen: 46.851 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

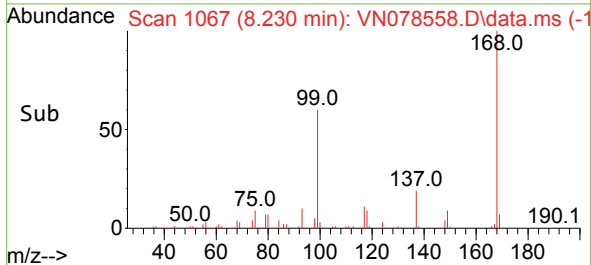
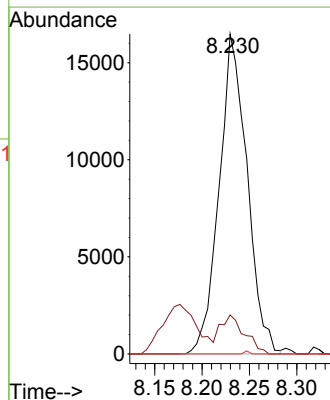
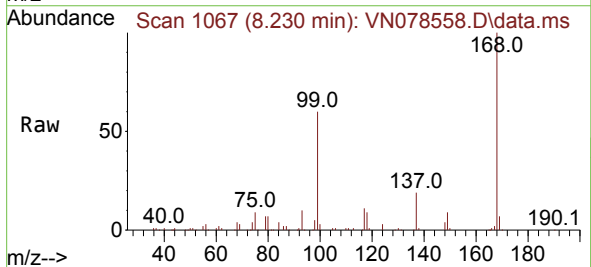
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

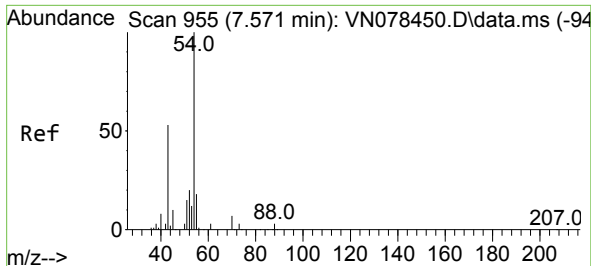
Tgt Ion:113 Resp: 277971
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 3.947 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 75 Resp: 33809
Ion Ratio Lower Upper
75 100
110 10.6 19.1 57.3#
77 0.2 25.0 37.4#





#37

Ethyl Acetate

Concen: 4.230 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB154251ZHE#03

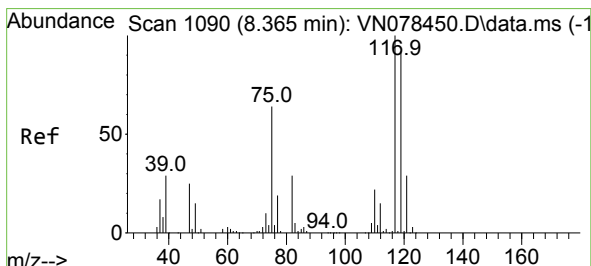
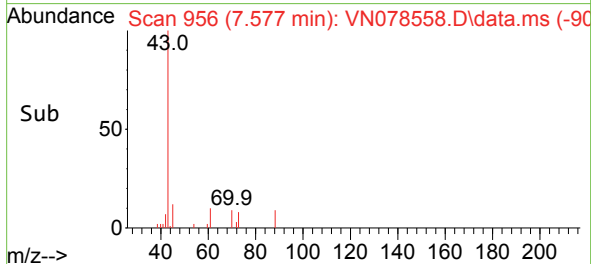
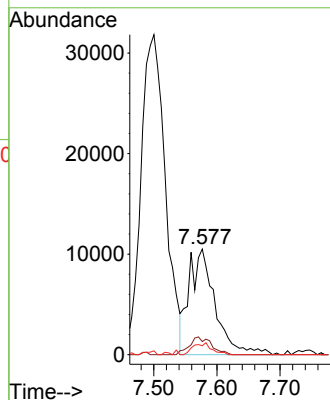
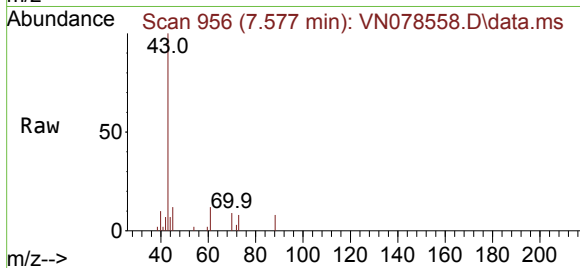
Tgt Ion: 43 Resp: 30210

Ion Ratio Lower Upper

43 100

61 14.2 13.2 19.8

70 7.9 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 4.801 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

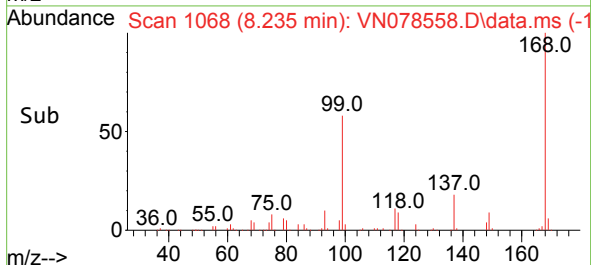
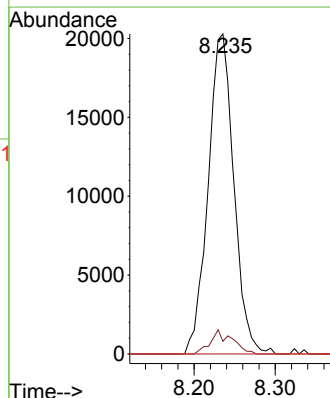
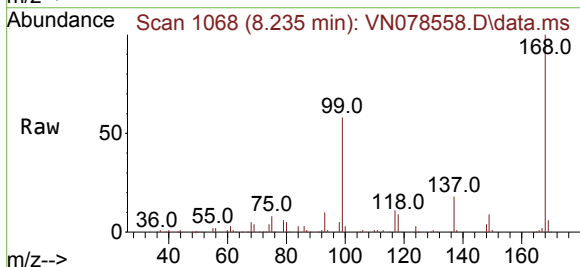
Tgt Ion: 117 Resp: 44702

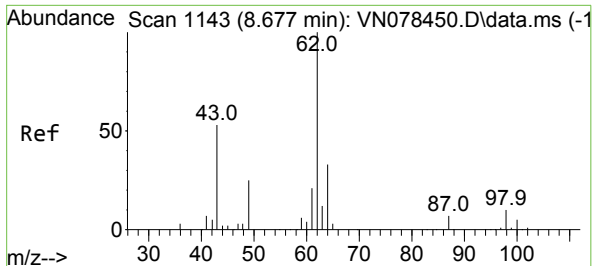
Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 23.3 34.9#





#42

1,2-Dichloroethane

Concen: 0.264 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.005 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

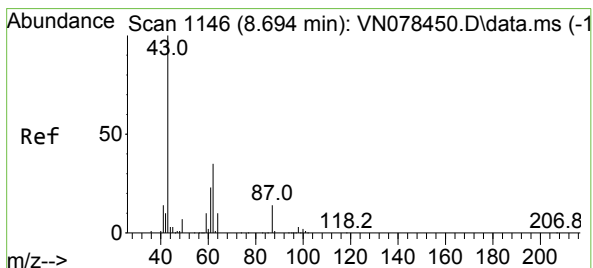
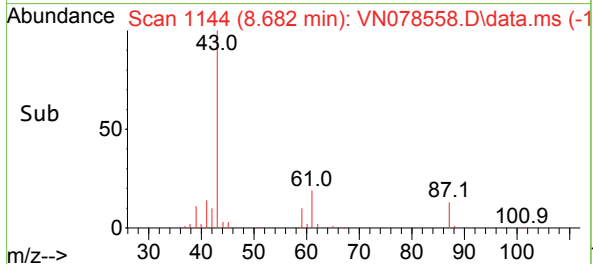
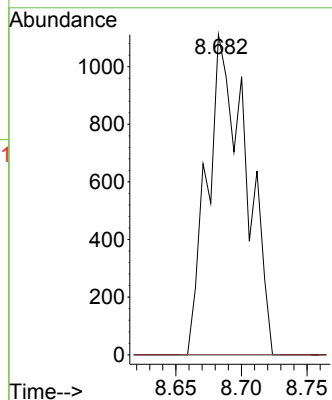
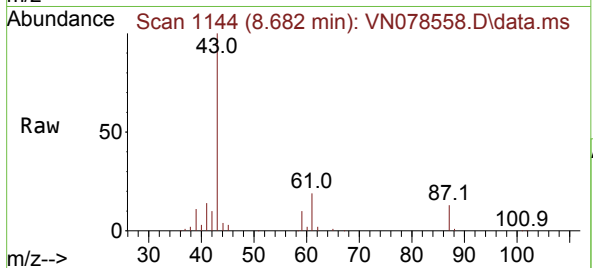
PB154251ZHE#03

Tgt Ion: 62 Resp: 2280

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 24.584 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

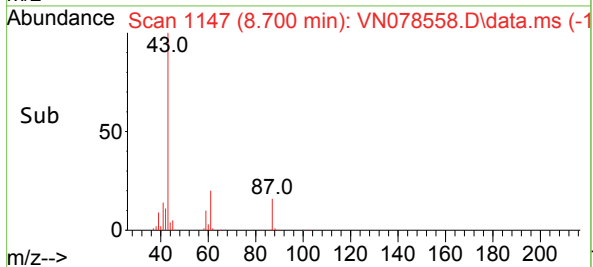
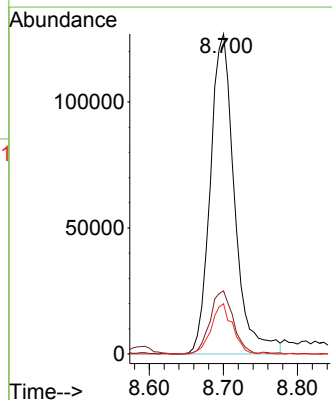
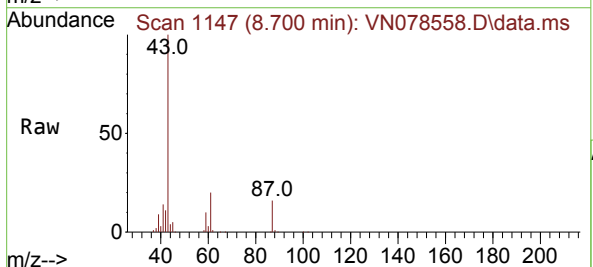
Tgt Ion: 43 Resp: 289047

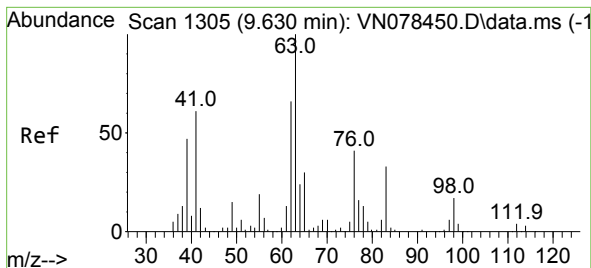
Ion Ratio Lower Upper

43 100

61 18.8 24.7 37.1#

87 13.9 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.505 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.111 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

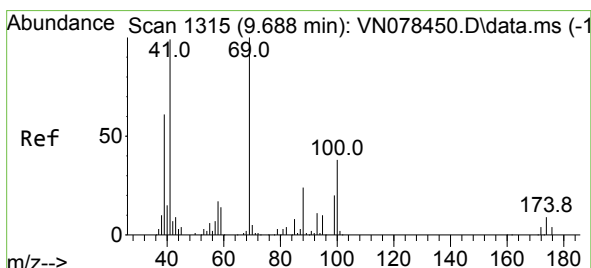
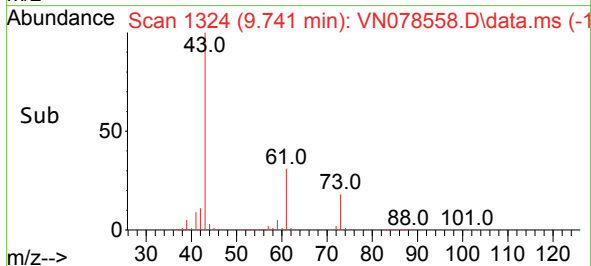
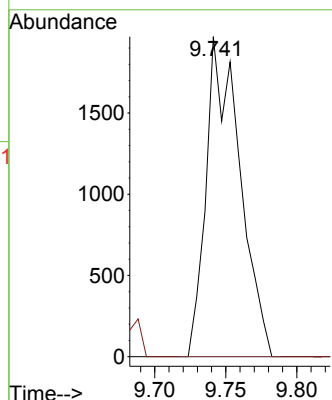
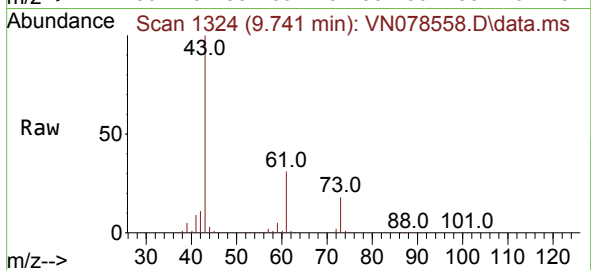
PB154251ZHE#03

Tgt Ion: 63 Resp: 3243

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 43.111 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.059 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

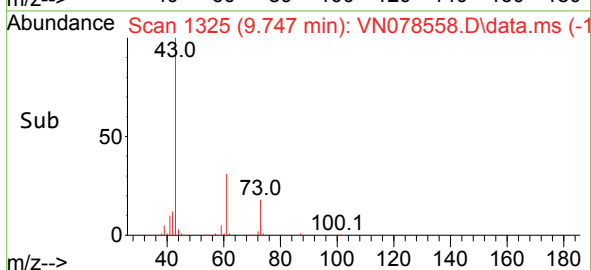
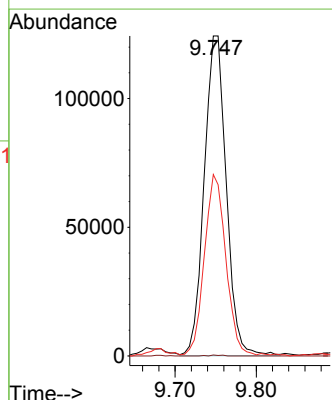
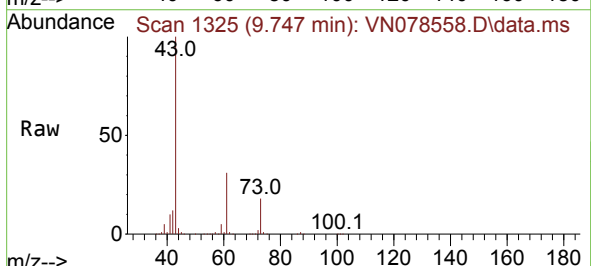
Tgt Ion: 41 Resp: 234832

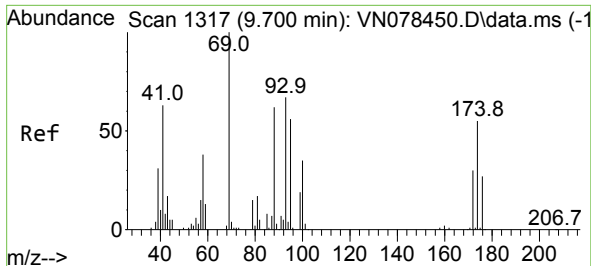
Ion Ratio Lower Upper

41 100

69 0.1 90.4 135.6#

39 54.7 54.6 81.8





#49

1,4-Dioxane

Concen: 0.547 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078558.D

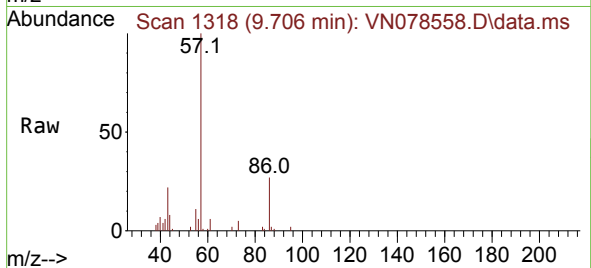
Acq: 18 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB154251ZHE#03



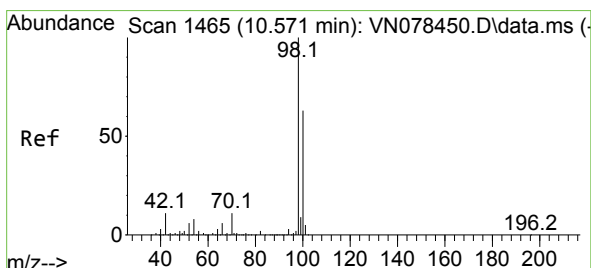
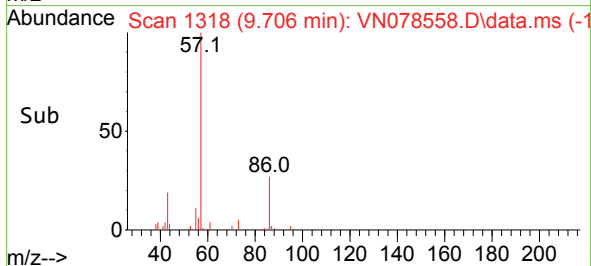
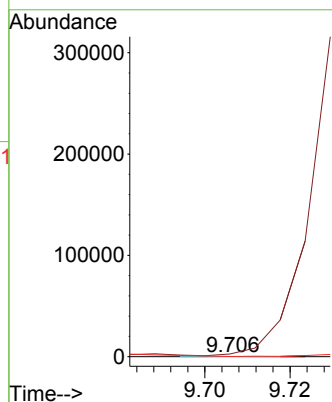
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 41.827 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078558.D

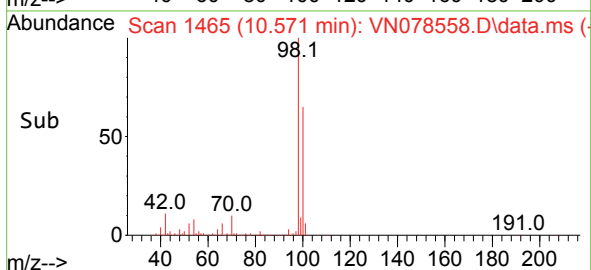
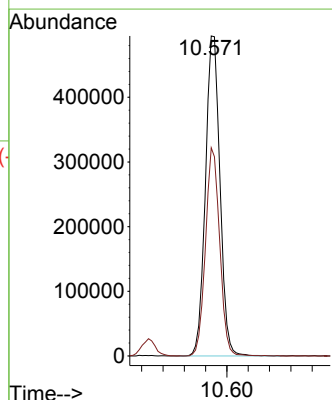
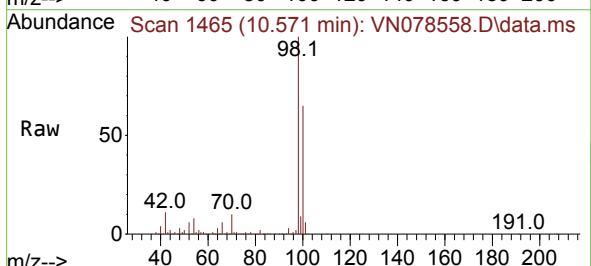
Acq: 18 Jul 2023 14:01

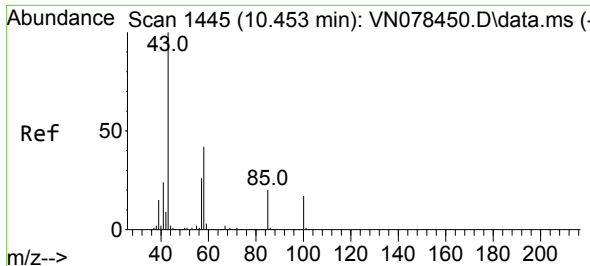
Tgt Ion: 98 Resp: 937493

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

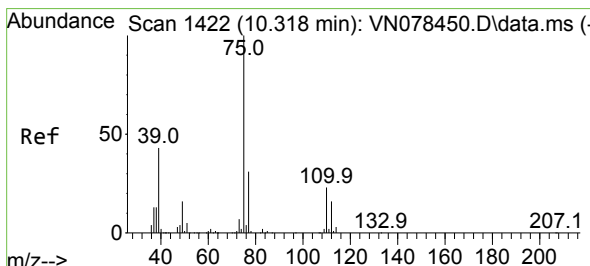
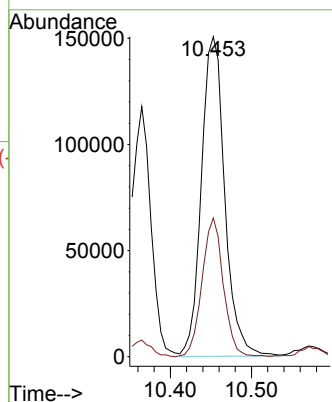
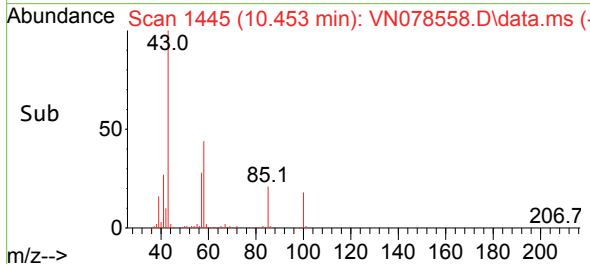
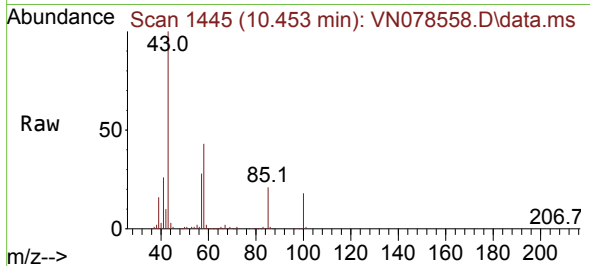




#51
4-Methyl-2-Pentanone
Concen: 43.090 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

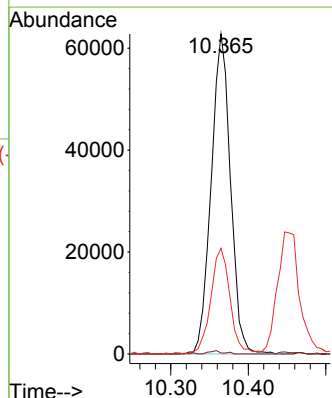
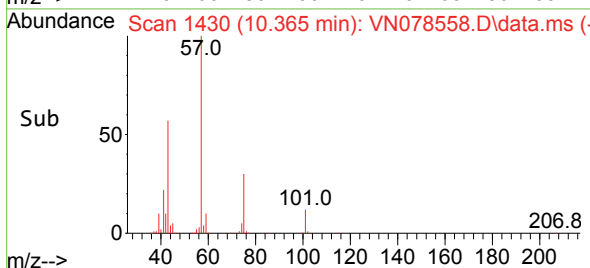
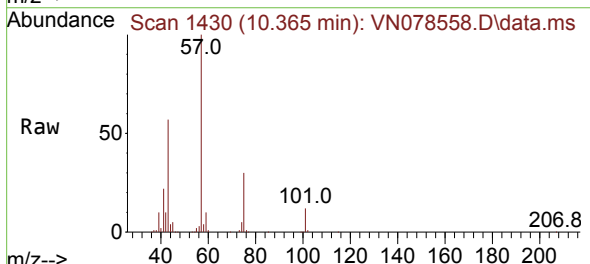
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

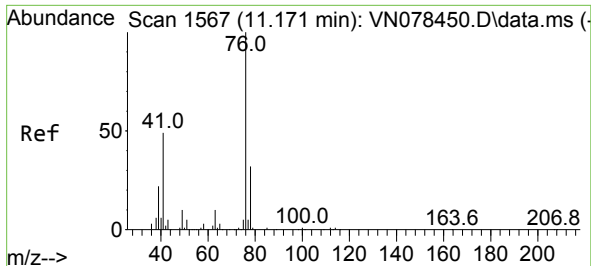
Tgt Ion: 43 Resp: 301349
Ion Ratio Lower Upper
43 100
58 39.5 36.6 54.8



#54
cis-1,3-Dichloropropene
Concen: 10.974 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 75 Resp: 108684
Ion Ratio Lower Upper
75 100
77 0.3 26.1 39.1#
39 32.7 31.6 47.4





#57

1,3-Dichloropropane

Concen: 1.297 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.035 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

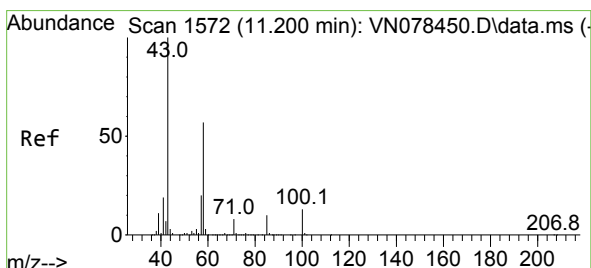
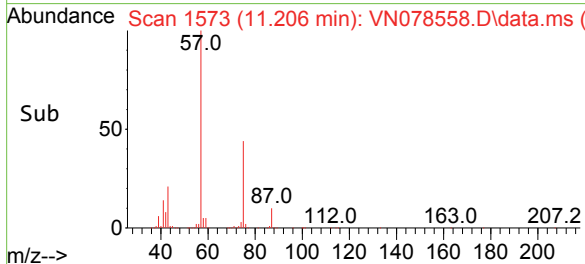
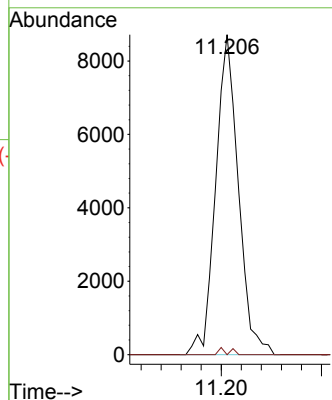
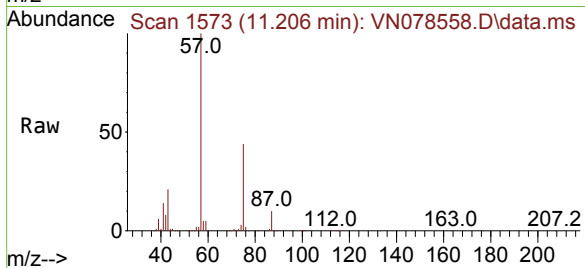
PB154251ZHE#03

Tgt Ion: 76 Resp: 13670

Ion Ratio Lower Upper

76 100

78 0.9 26.1 39.1#



#59

2-Hexanone

Concen: 30.367 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.006 min

Lab File: VN078558.D

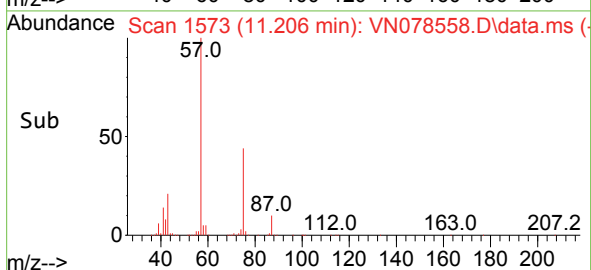
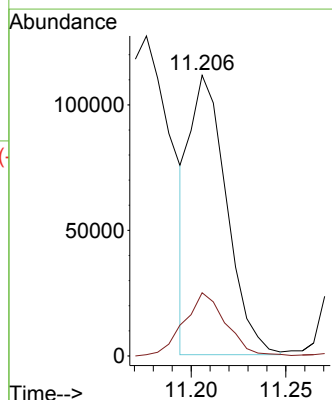
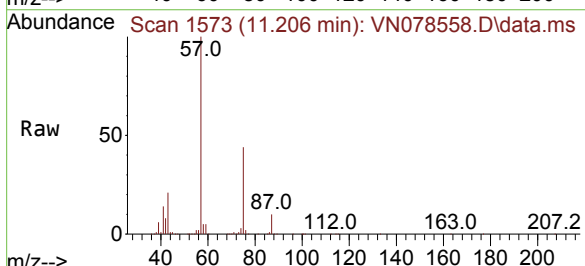
Acq: 18 Jul 2023 14:01

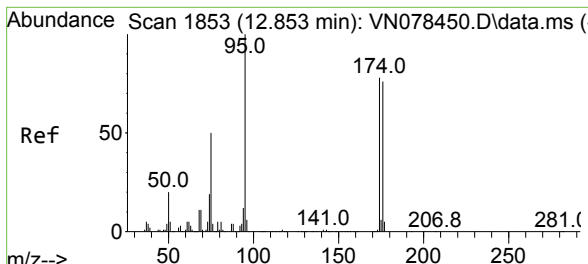
Tgt Ion: 43 Resp: 150934

Ion Ratio Lower Upper

43 100

58 25.7 31.7 95.1#

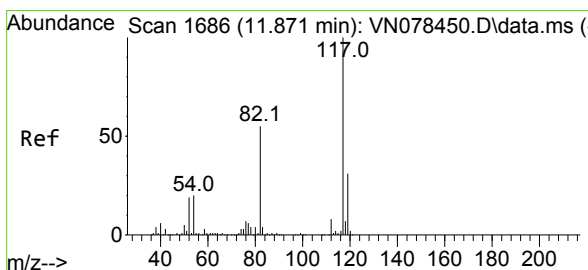
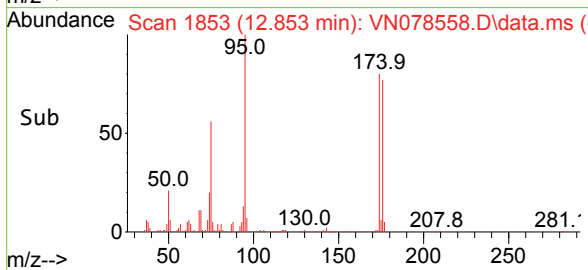
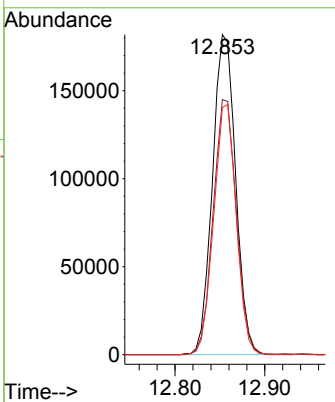
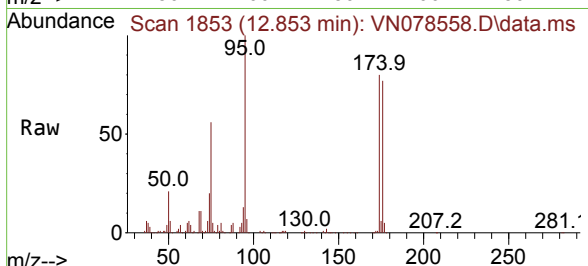




#62
 4-Bromofluorobenzene
 Concen: 47.233 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN078558.D
 Acq: 18 Jul 2023 14:01

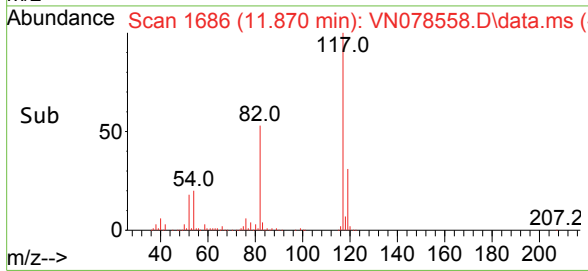
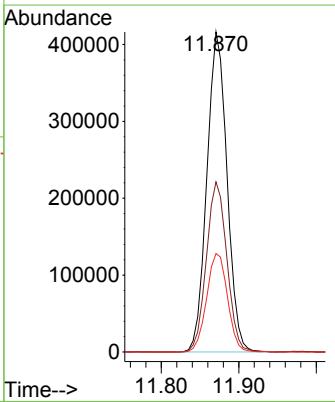
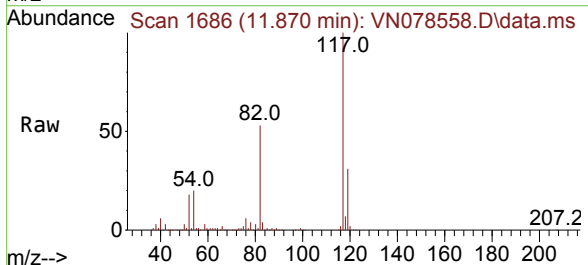
Instrument :
 MSVOA_N
 ClientSampleId :
 PB154251ZHE#03

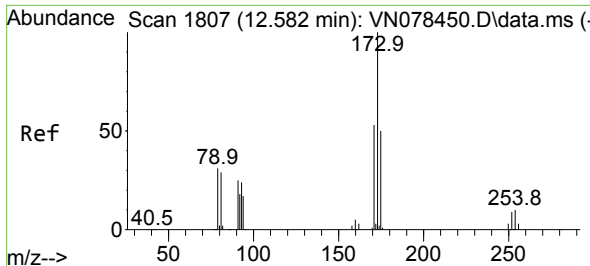
Tgt Ion:	95	Resp:	326089
Ion Ratio	Lower	Upper	
95	100		
174	80.0	0.0	143.8
176	76.0	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN078558.D
 Acq: 18 Jul 2023 14:01

Tgt Ion:	117	Resp:	751203
Ion Ratio	Lower	Upper	
117	100		
82	53.2	44.0	66.0
119	30.8	25.6	38.4

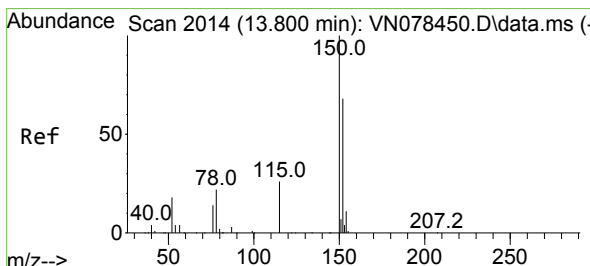
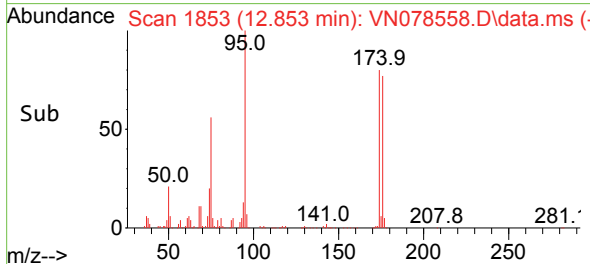
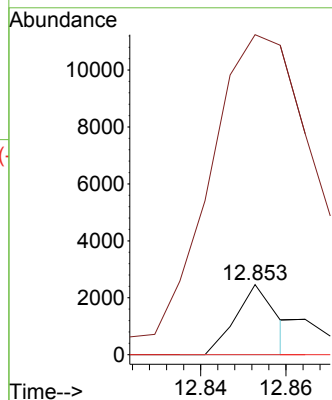
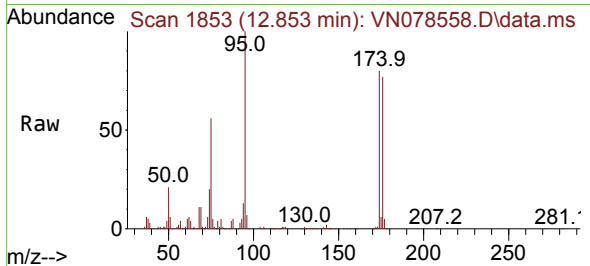




#71
Bromoform
Concen: 0.376 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

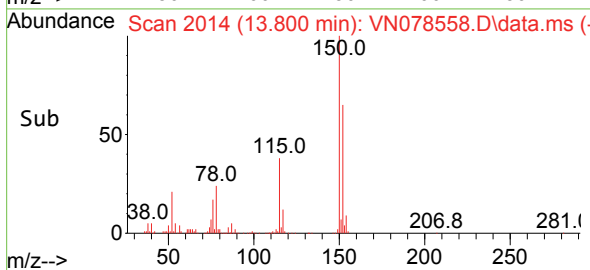
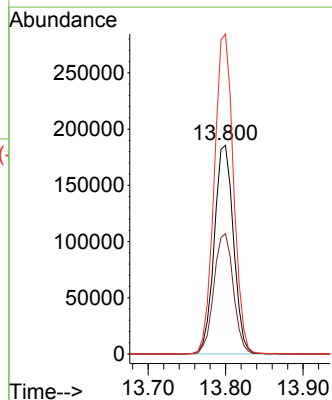
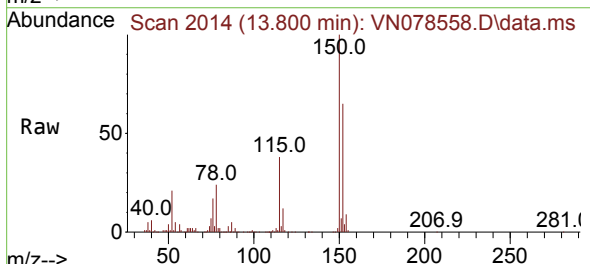
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

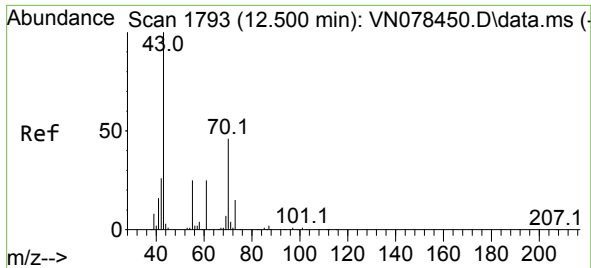
Tgt Ion:173 Resp: 1647
Ion Ratio Lower Upper
173 100
175 884.2 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

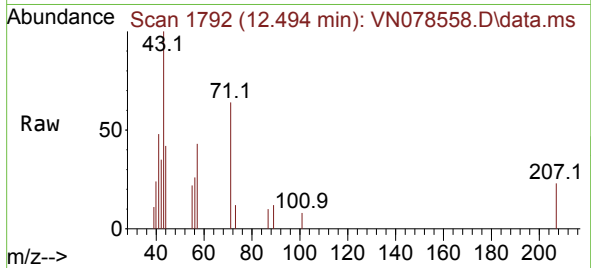
Tgt Ion:152 Resp: 319610
Ion Ratio Lower Upper
152 100
115 58.6 32.3 96.8
150 153.6 0.0 355.8



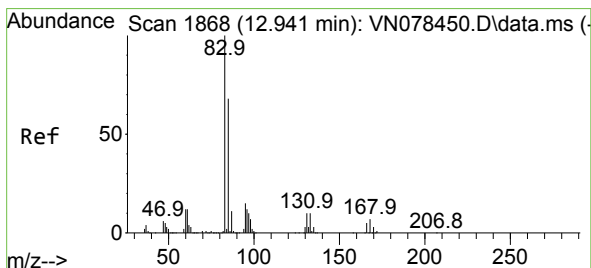
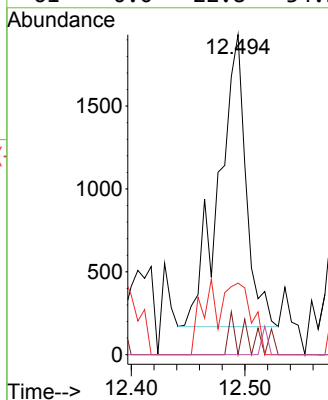
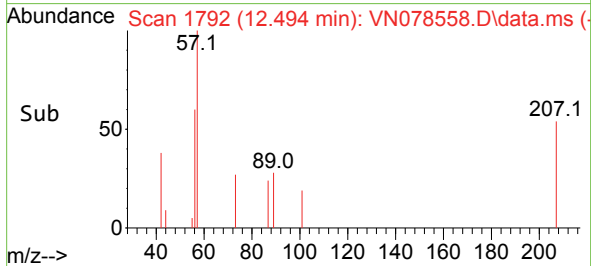


#74
N-amy1 acetate
Concen: 0.284 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

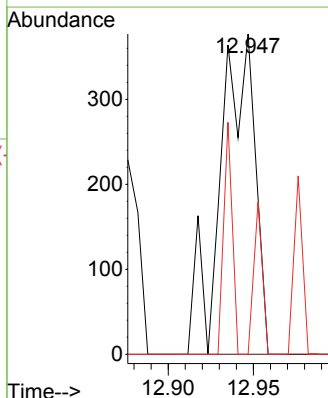
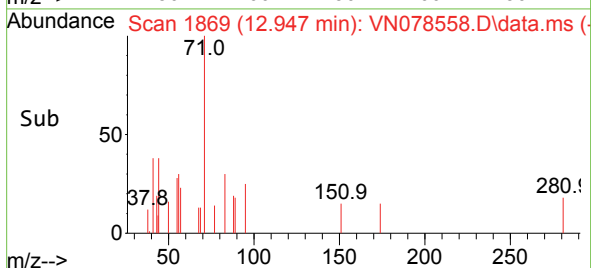
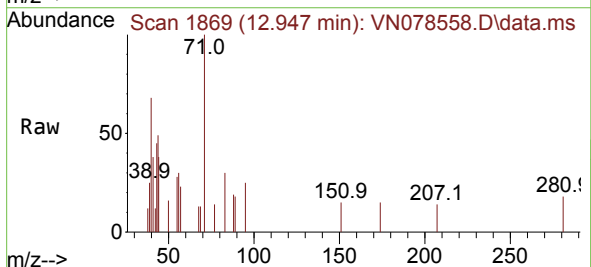


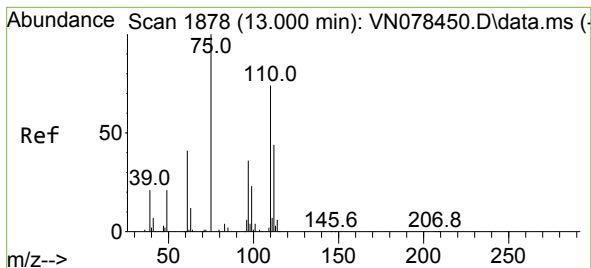
Tgt Ion: 43 Resp: 2937
Ion Ratio Lower Upper
43 100
70 3.1 43.4 65.2#
55 24.9 21.4 32.0
61 0.0 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 83 Resp: 534
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 11.8 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 22.470 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

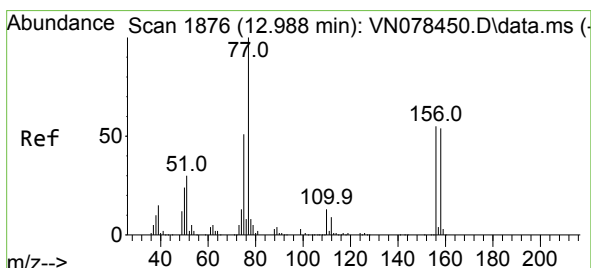
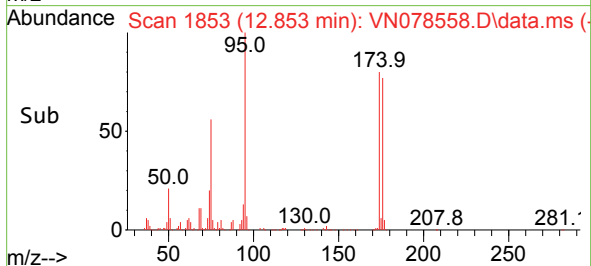
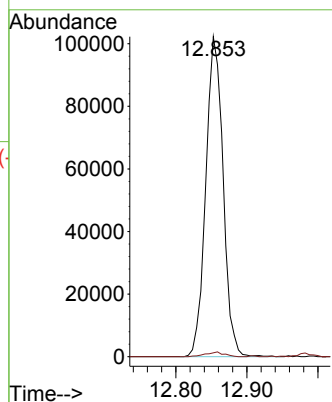
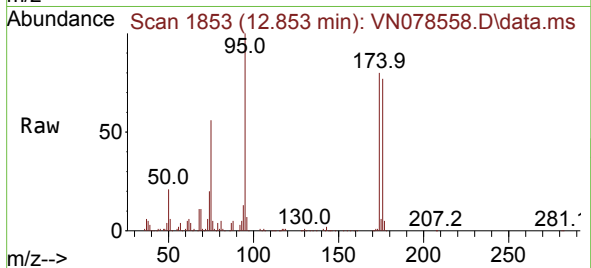
PB154251ZHE#03

Tgt Ion: 75 Resp: 173587

Ion Ratio Lower Upper

75 100

77 1.6 84.5 253.5#



#77

Bromobenzene

Concen: Below Cal

RT: 13.000 min Scan# 1878

Delta R.T. 0.012 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

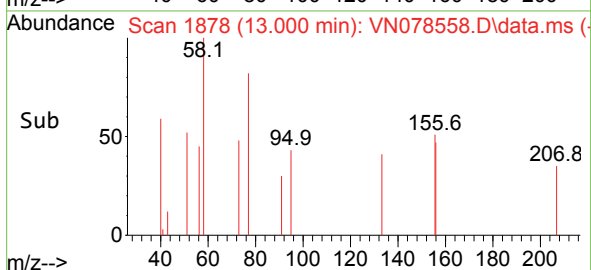
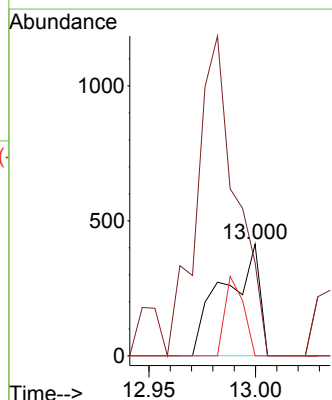
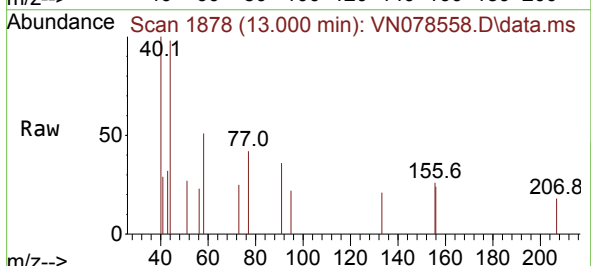
Tgt Ion:156 Resp: 484

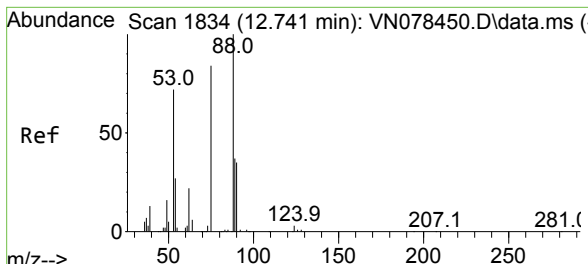
Ion Ratio Lower Upper

156 100

77 353.5 107.7 323.3#

158 36.4 48.4 145.3#

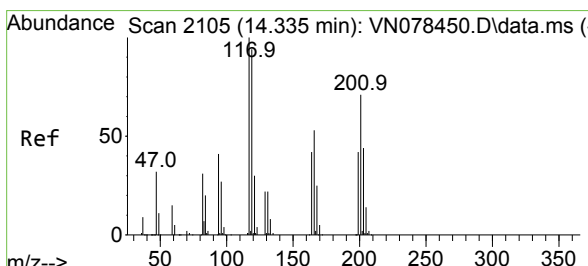
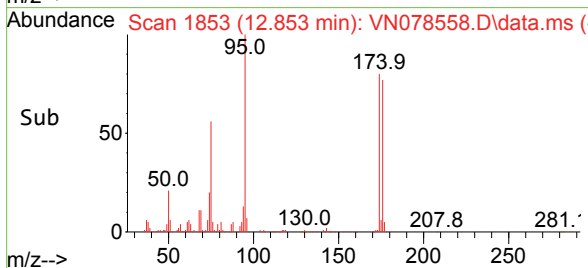
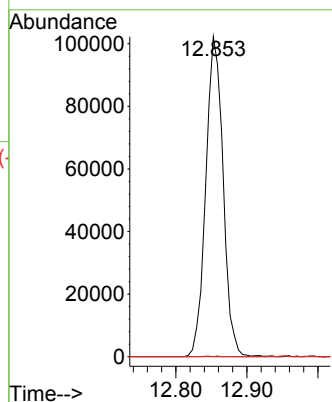
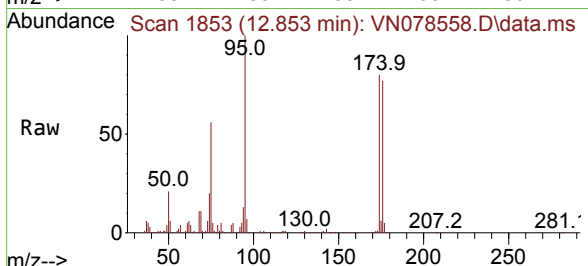




#81
trans-1,4-Dichloro-2-butene
Concen: 59.046 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

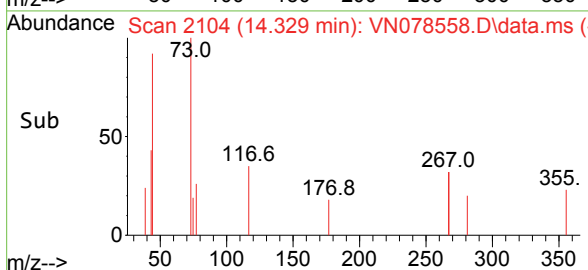
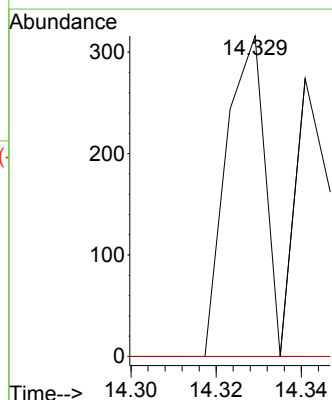
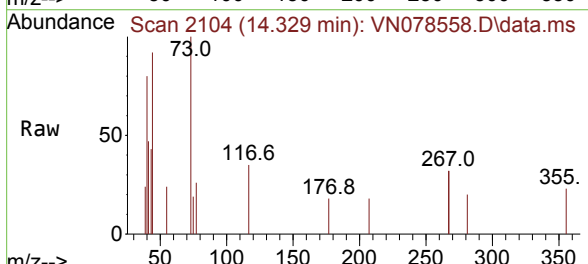
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

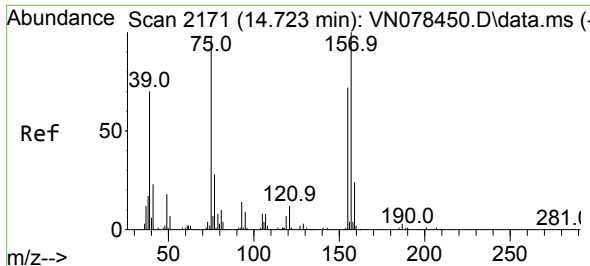
Tgt Ion: 75 Resp: 173587
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.1 38.8 58.2#



#90
Hexachloroethane
Concen: Below Cal
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

Tgt Ion: 117 Resp: 198
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.717 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VN078558.D

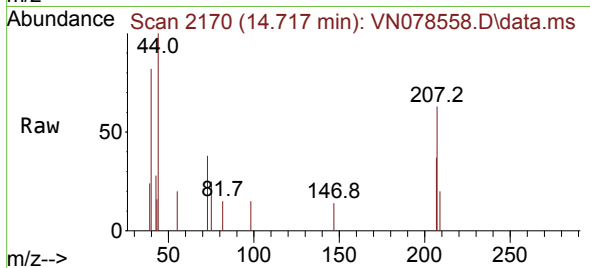
Acq: 18 Jul 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB154251ZHE#03



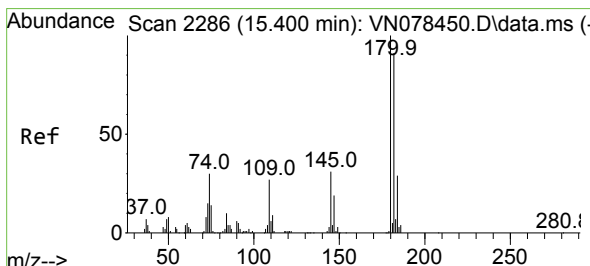
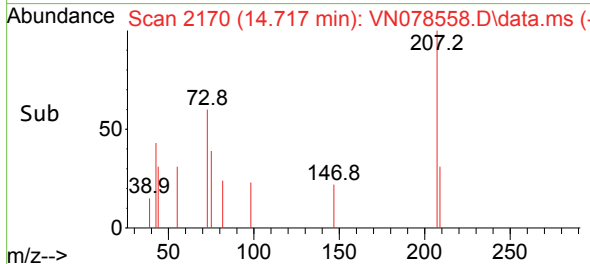
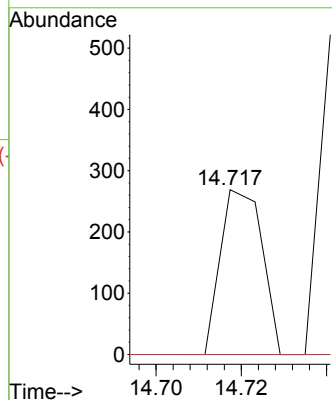
Tgt Ion: 75 Resp: 183

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.252 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.006 min

Lab File: VN078558.D

Acq: 18 Jul 2023 14:01

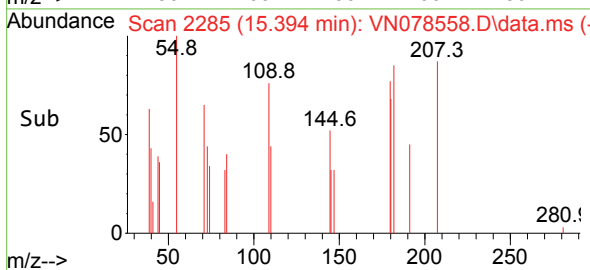
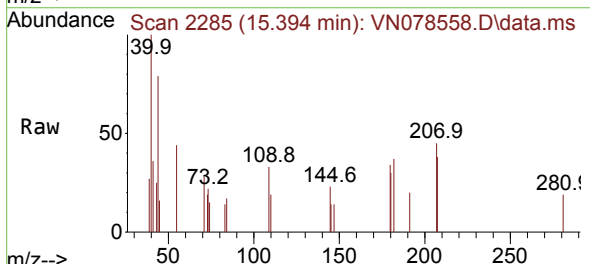
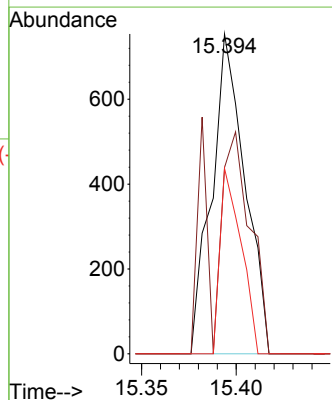
Tgt Ion: 180 Resp: 921

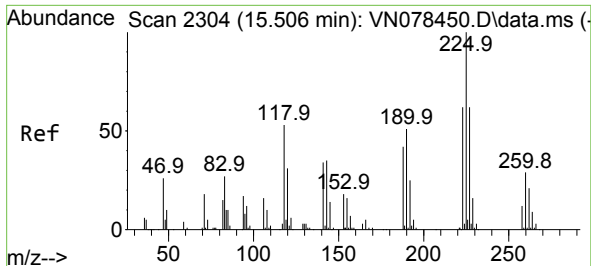
Ion Ratio Lower Upper

180 100

182 59.1 46.1 138.2

145 36.8 16.6 49.8

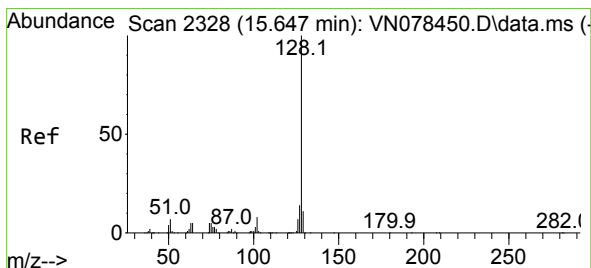
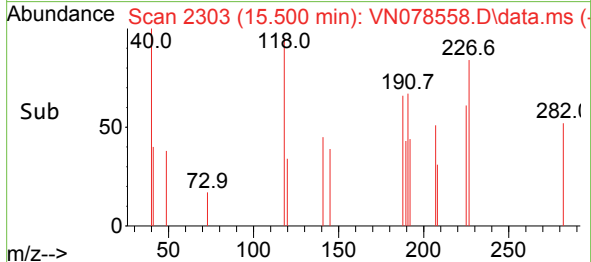
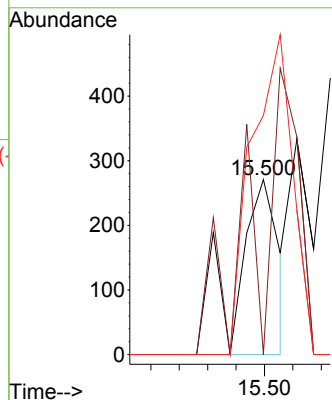
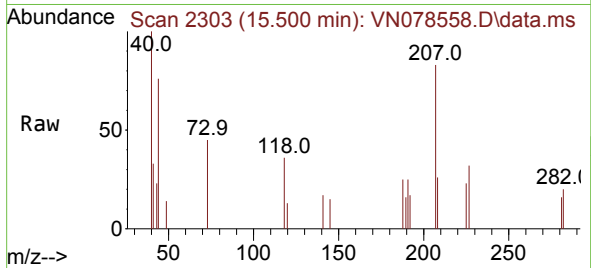




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

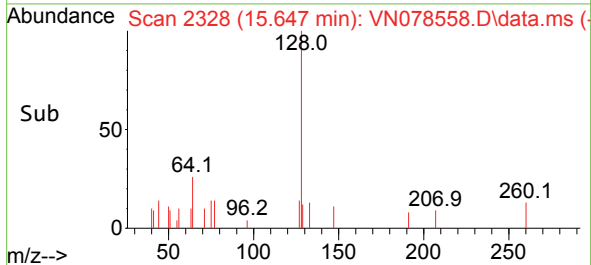
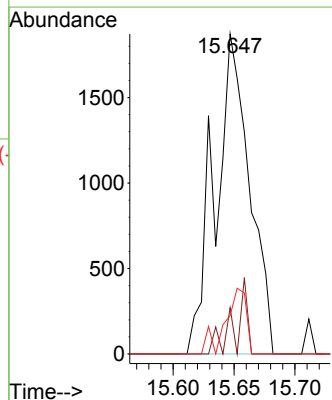
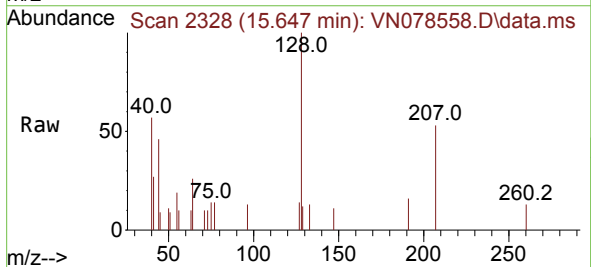
Instrument :
MSVOA_N
ClientSampleId :
PB154251ZHE#03

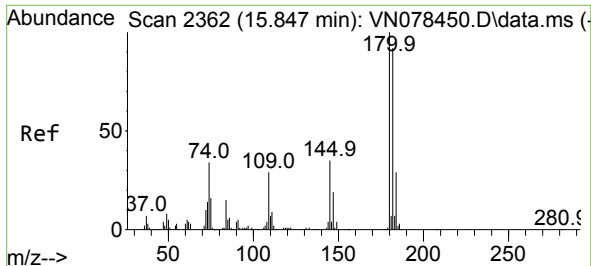
Tgt Ion:225 Resp: 284
Ion Ratio Lower Upper
225 100
223 167.6 31.3 93.8#
227 175.4 31.9 95.9#



#95
Naphthalene
Concen: 0.296 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078558.D
Acq: 18 Jul 2023 14:01

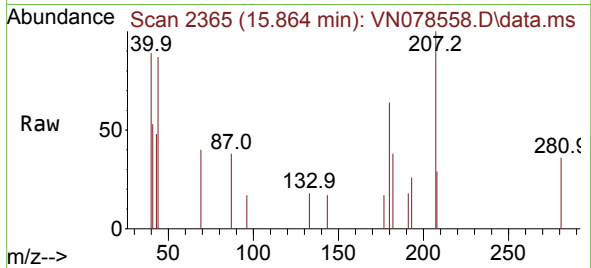
Tgt Ion:128 Resp: 3705
Ion Ratio Lower Upper
128 100
127 8.3 10.0 15.0#
129 12.4 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.294 ug/l
 RT: 15.864 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: VN078558.D
 Acq: 18 Jul 2023 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154251ZHE#03



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.2	138.6#
145	9.9	17.5	52.6#

