

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078538.D
 Acq On : 17 Jul 2023 13:11
 Operator : JC\MD
 Sample : 03637-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A508DL

Quant Time: Jul 18 04:21:33 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	8.229	168	412813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	735814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	693825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	249180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	271417	49.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.080%		
35) Dibromofluoromethane	8.171	113	277150	55.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.980%		
50) Toluene-d8	10.571	98	858738	45.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.020%		
62) 4-Bromofluorobenzene	12.853	95	302827	52.102	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1676	0.305	ug/l #	82
5) Bromomethane	2.953	94	1278	Below Cal	#	41
6) Chloroethane	3.136	64	74	Below Cal	#	1
11) Tert butyl alcohol	5.506	59	3246	3.804	ug/l #	72
13) Acrolein	4.200	56	258	0.307	ug/l #	67
15) Acrylonitrile	5.741	53	995	0.461	ug/l #	81
16) Acetone	4.442	43	212395	123.206	ug/l	97
17) Carbon Disulfide	4.718	76	4673	0.371	ug/l #	75
18) Methyl Acetate	5.053	43	2012	0.276	ug/l #	65
20) Methylene Chloride	5.289	84	2388	Below Cal	#	82
25) 2-Butanone	7.506	43	10799	3.979	ug/l #	72
29) Tetrahydrofuran	7.853	42	717	0.403	ug/l #	57
31) Cyclohexane	8.235	56	9653	1.291	ug/l #	36
36) 1,1-Dichloropropene	8.229	75	33854	4.694	ug/l #	47
38) Carbon Tetrachloride	8.229	117	41682	5.318	ug/l #	16
42) 1,2-Dichloroethane	8.677	62	1523	0.210	ug/l #	73
43) Isopropyl Acetate	8.735	43	6248	0.631	ug/l #	49
49) 1,4-Dioxane	9.712	88	231	2.310	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	2606	0.443	ug/l	88
59) 2-Hexanone	11.206	43	3832	0.916	ug/l	86
68) m/p-Xylenes	12.076	106	2492	0.257	ug/l	76
74) N-amyl acetate	12.500	43	1852	0.230	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.935	83	1293	Below Cal		81
76) 1,2,3-Trichloropropane	12.853	75	158274	26.278	ug/l #	1
77) Bromobenzene	12.970	156	971	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	158274	69.055	ug/l #	15
87) 1,3-Dichlorobenzene	13.735	146	2383	0.265	ug/l #	50
88) 1,4-Dichlorobenzene	13.817	146	3430	0.379	ug/l #	37
89) n-Butylbenzene	14.059	91	4605	0.404	ug/l	99
90) Hexachloroethane	14.335	117	205	Below Cal	#	42
91) 1,2-Dichlorobenzene	14.117	146	2920	0.326	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	579	Below Cal		71
93) 1,2,4-Trichlorobenzene	15.406	180	2072	0.726	ug/l	90
94) Hexachlorobutadiene	15.506	225	2180	Below Cal		82
95) Naphthalene	15.647	128	8293	0.850	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.835	180	3200	0.975	ug/l	94

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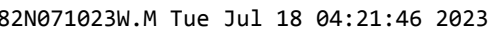
Instrument :
MSVOA_N
ClientSampleId :
A508DL

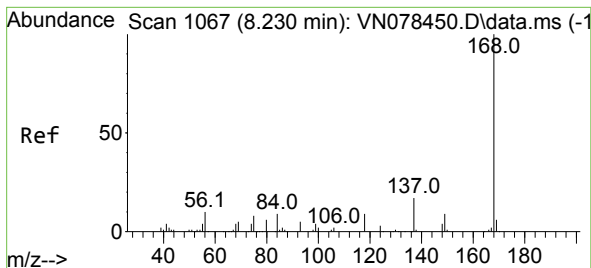
Quant Time: Jul 18 04:21:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

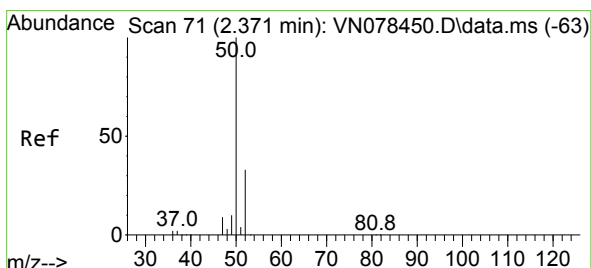
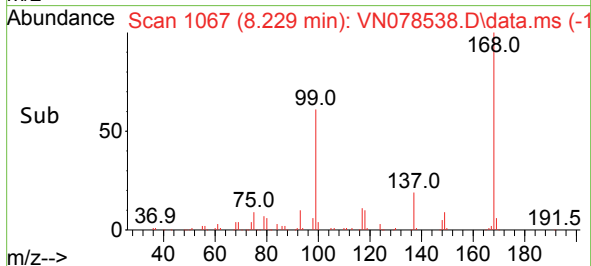
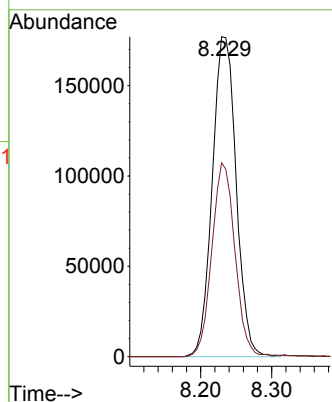
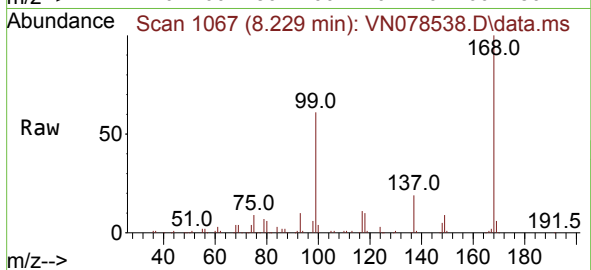
A508DL

Tgt Ion:168 Resp: 412813

Ion Ratio Lower Upper

168 100

99 60.6 53.0 79.6



#3

Chloromethane

Concen: 0.305 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078538.D

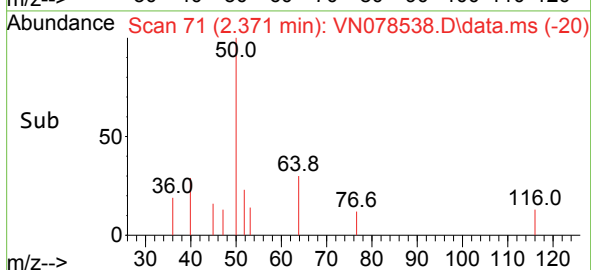
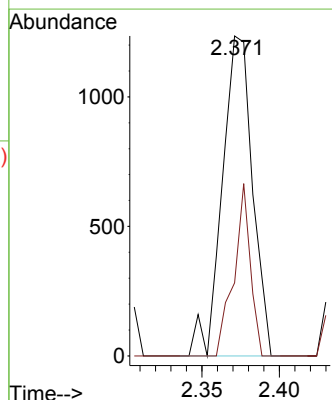
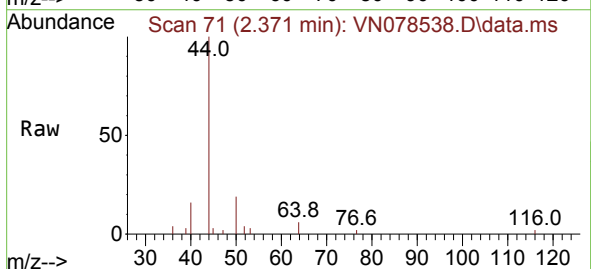
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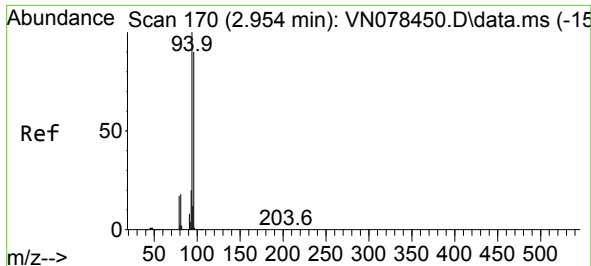
Tgt Ion: 50 Resp: 1676

Ion Ratio Lower Upper

50 100

52 22.8 26.5 39.7#

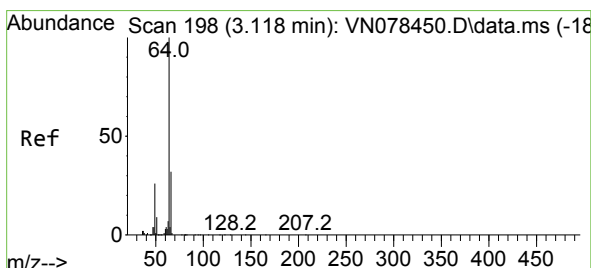
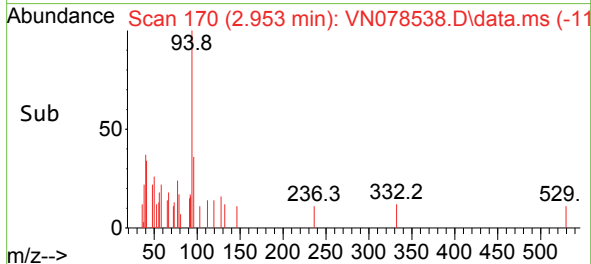
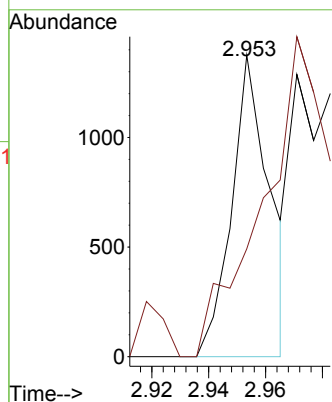
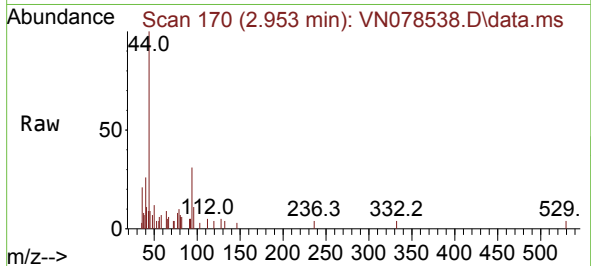




#5
Bromomethane
Concen: Below Cal
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

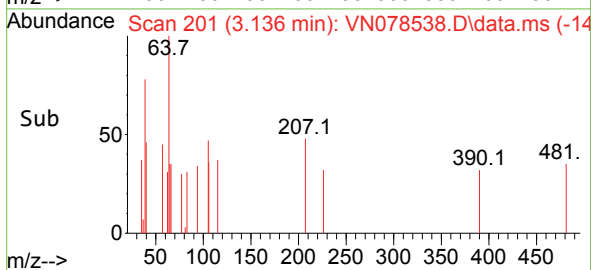
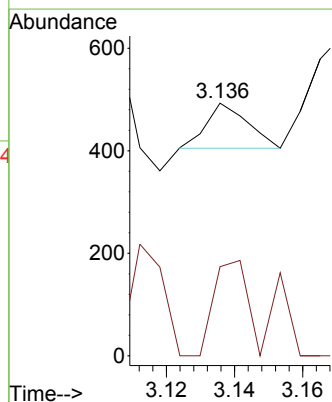
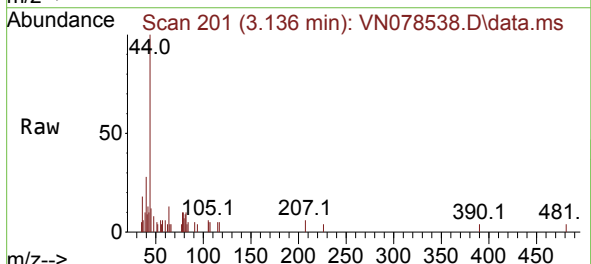
Instrument :
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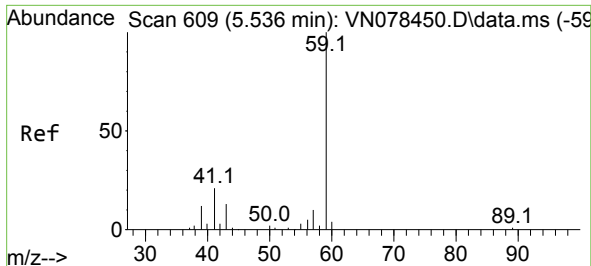
Tgt Ion: 94 Resp: 1278
Ion Ratio Lower Upper
94 100
96 35.8 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 197.7 25.4 38.2#

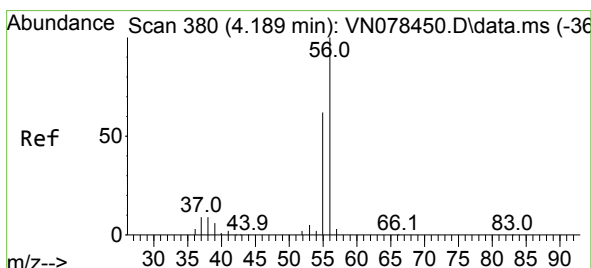
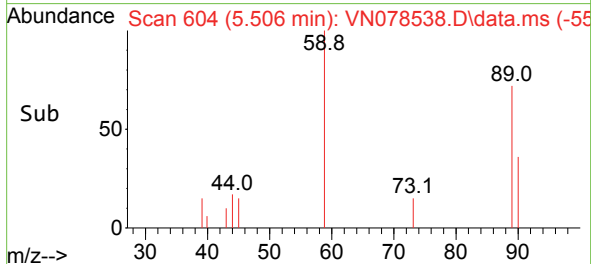
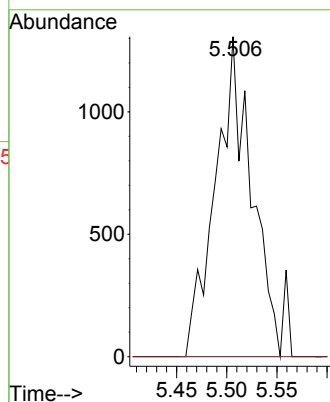
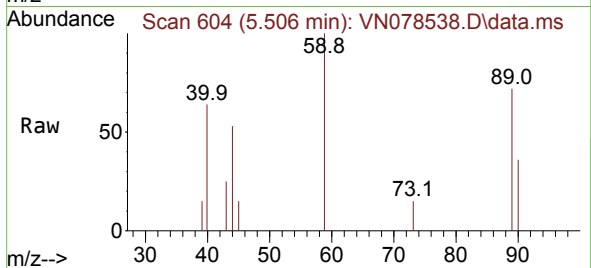




#11
Tert butyl alcohol
Concen: 3.804 ug/l
RT: 5.506 min Scan# 609
Delta R.T. -0.030 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

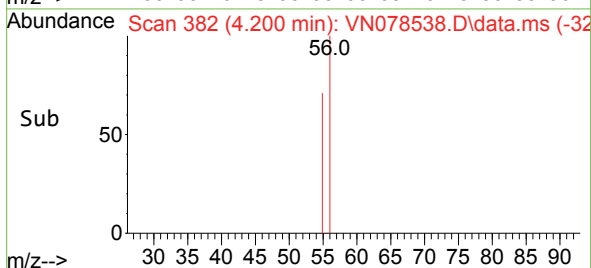
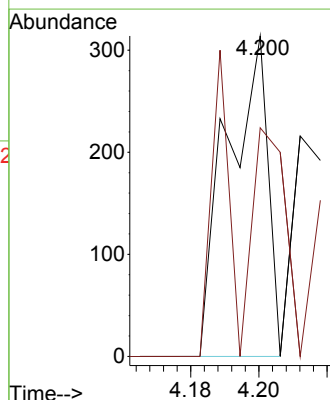
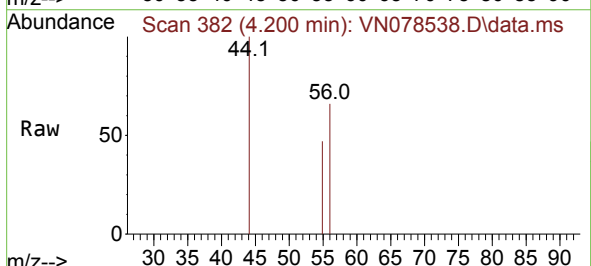
Instrument :
MSVOA_N
ClientSampleId :
A508DL

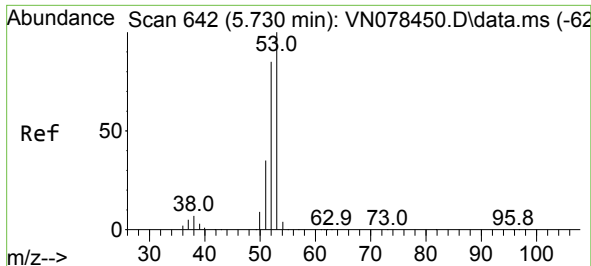
Tgt Ion: 59 Resp: 3246
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.307 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

Tgt Ion: 56 Resp: 258
Ion Ratio Lower Upper
56 100
55 41.1 54.5 81.7#

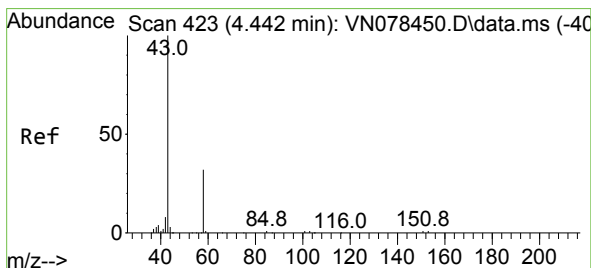
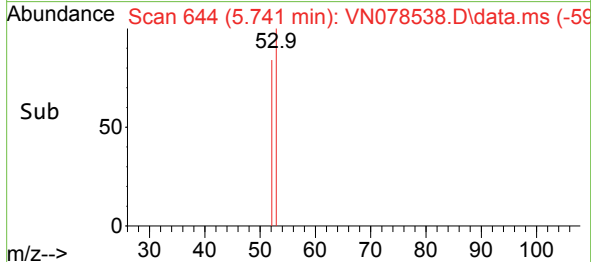
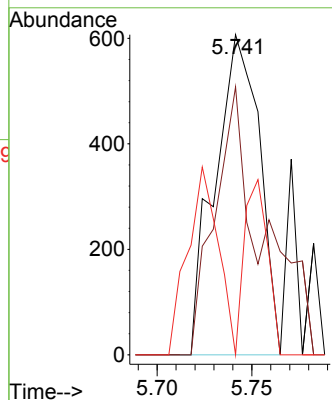
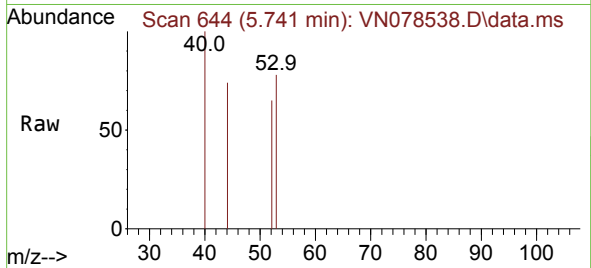




#15
Acrylonitrile
Concen: 0.461 ug/l
RT: 5.741 min Scan# 64
Delta R.T. 0.011 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

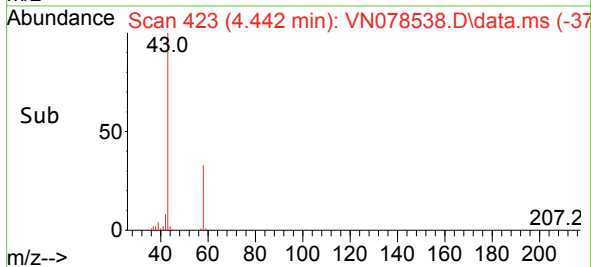
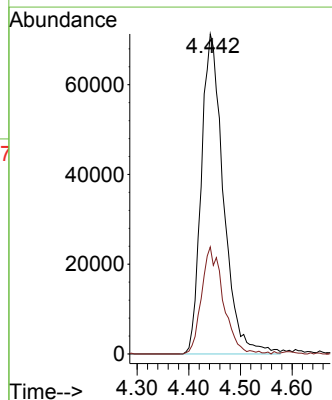
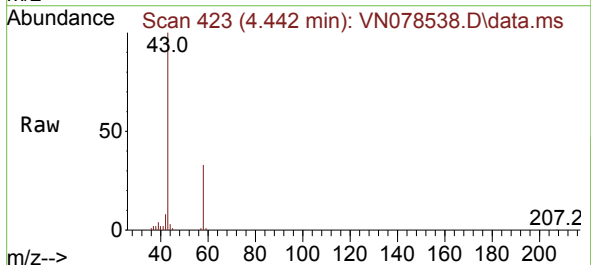
Instrument :
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ClientSampleId :
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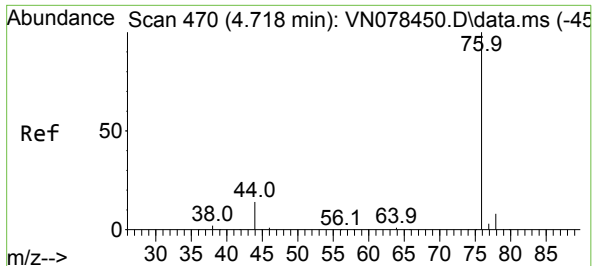
Tgt Ion: 53 Resp: 995
Ion Ratio Lower Upper
53 100
52 61.9 65.3 97.9#
51 28.5 28.9 43.3#



#16
Acetone
Concen: 123.206 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

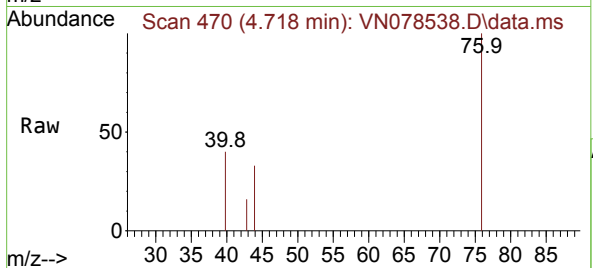
Tgt Ion: 43 Resp: 212395
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0



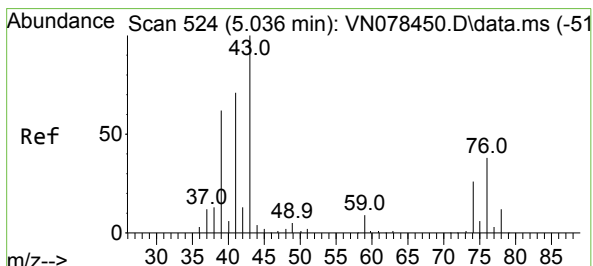
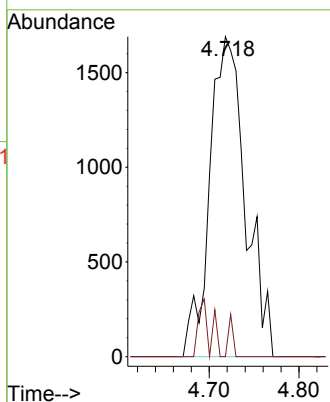
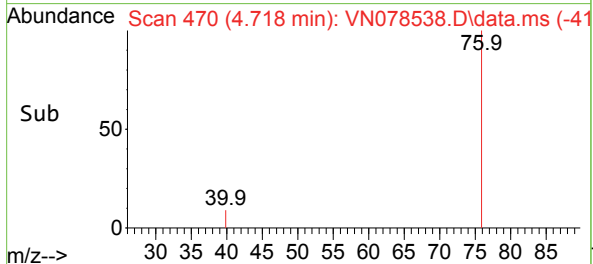


#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

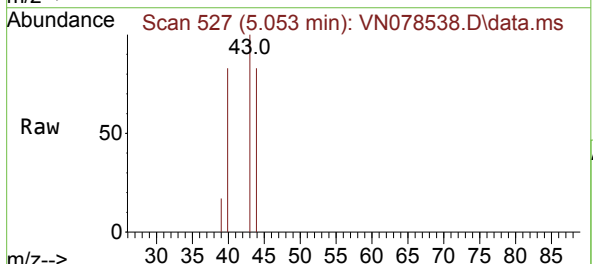
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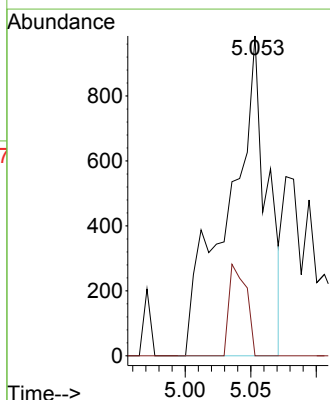
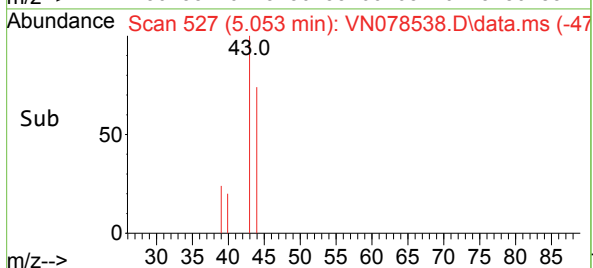
Tgt Ion: 76 Resp: 4673
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

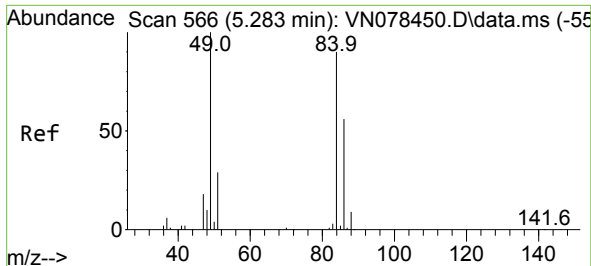


#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.017 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11



Tgt Ion: 43 Resp: 2012
Ion Ratio Lower Upper
43 100
74 12.8 26.2 39.4#

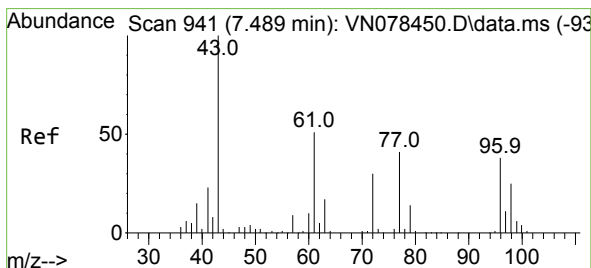
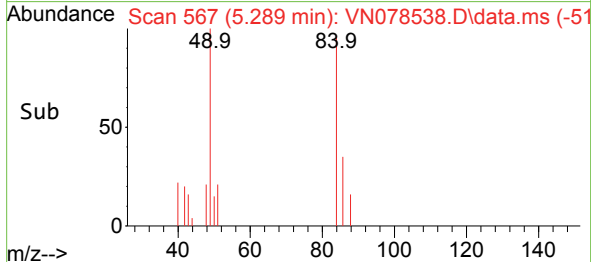
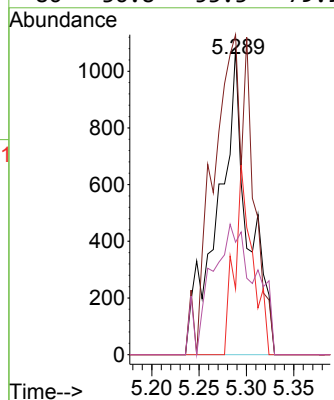
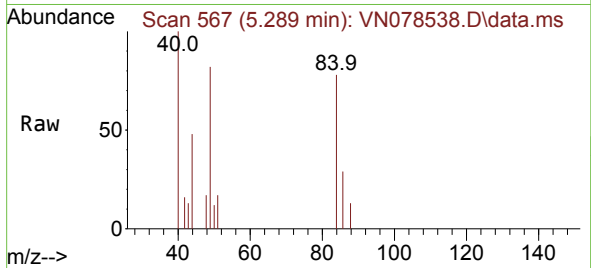




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

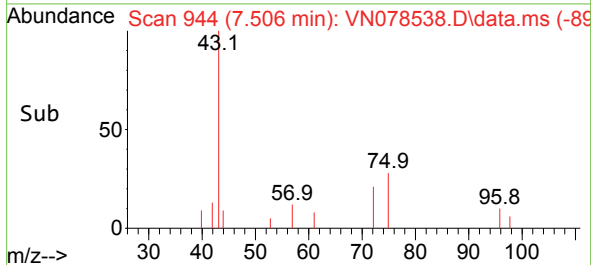
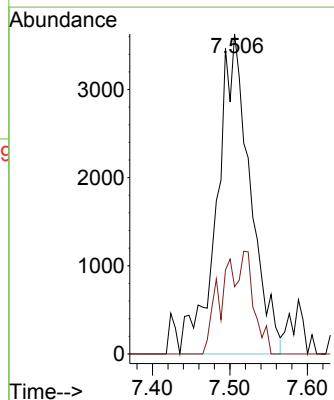
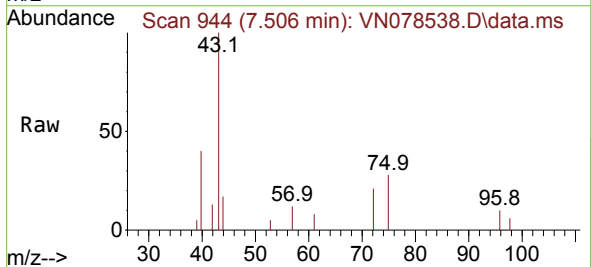
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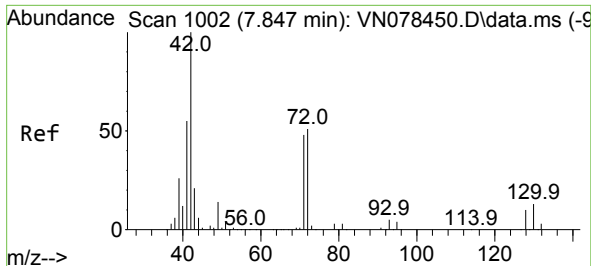
Tgt Ion:	84	Resp:	2388
Ion	Ratio	Lower	Upper
84	100		
49	104.5	79.7	119.5
51	21.5	25.2	37.8#
86	36.8	53.3	79.9#



#25
2-Butanone
Concen: 3.979 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.017 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

Tgt Ion:	43	Resp:	10799
Ion	Ratio	Lower	Upper
43	100		
72	21.0	30.2	45.2#





#29

Tetrahydrofuran

Concen: 0.403 ug/l

RT: 7.853 min Scan# 1068

Delta R.T. 0.006 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

A508DL

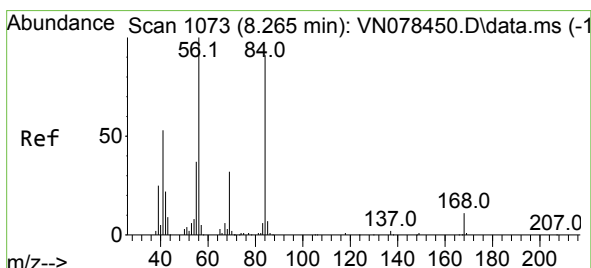
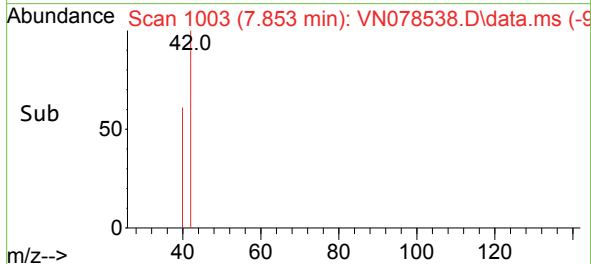
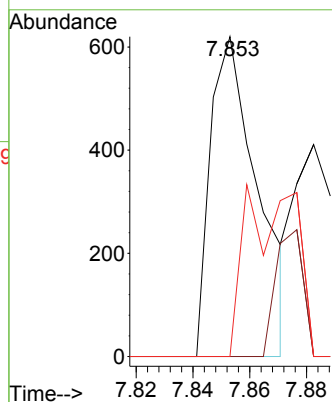
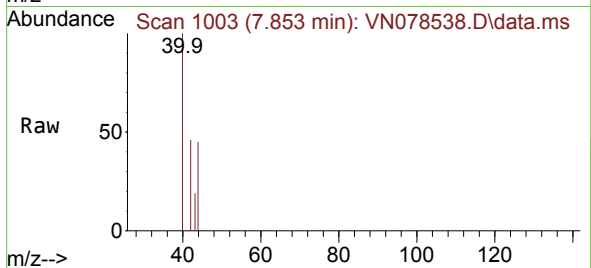
Tgt Ion: 42 Resp: 717

Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 56.6 47.4 71.2



#31

Cyclohexane

Concen: 1.291 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

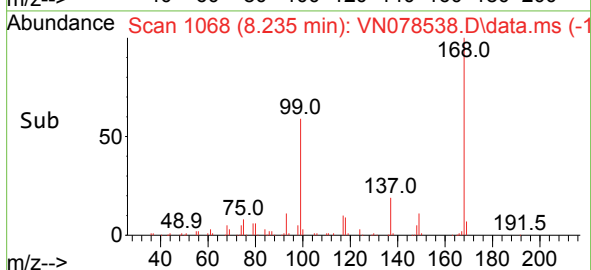
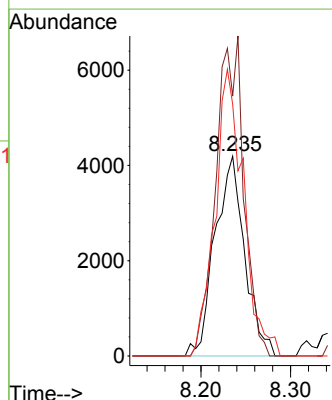
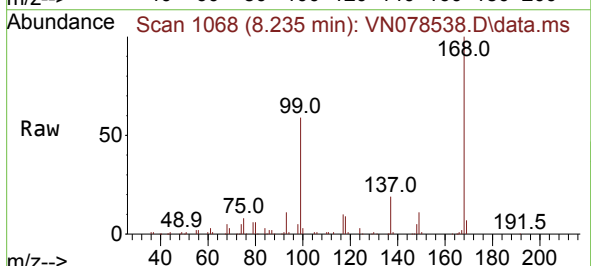
Tgt Ion: 56 Resp: 9653

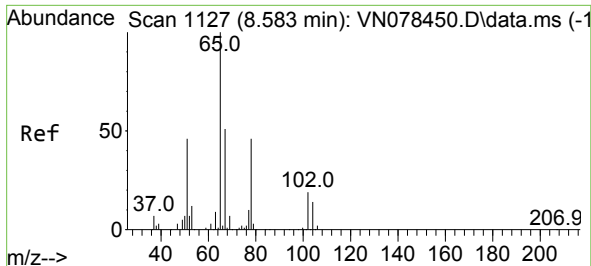
Ion Ratio Lower Upper

56 100

69 130.2 26.8 40.2#

84 131.9 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 49.044 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

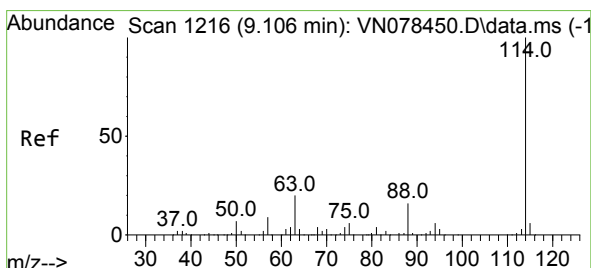
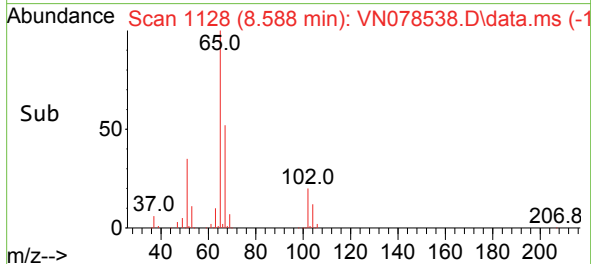
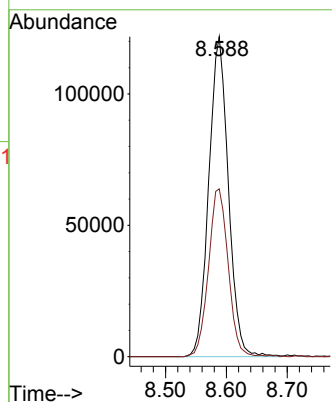
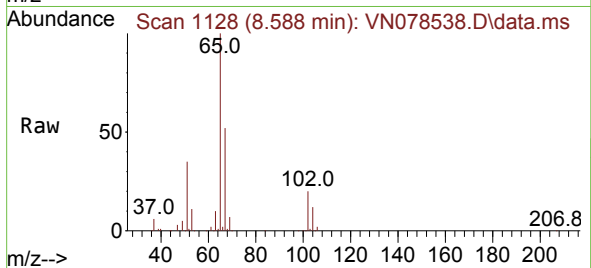
A508DL

Tgt Ion: 65 Resp: 271417

Ion Ratio Lower Upper

65 100

67 52.8 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: VN078538.D

Acq: 17 Jul 2023 13:11

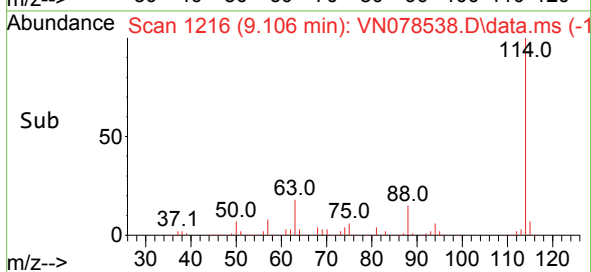
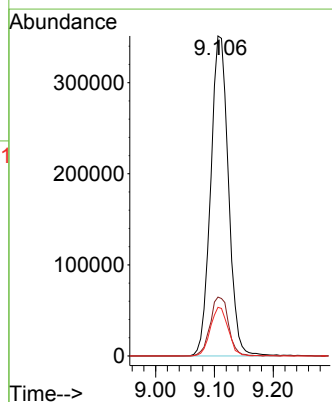
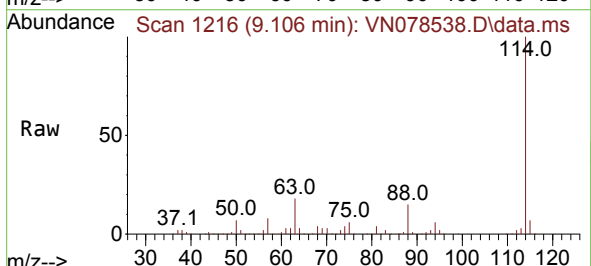
Tgt Ion: 114 Resp: 735814

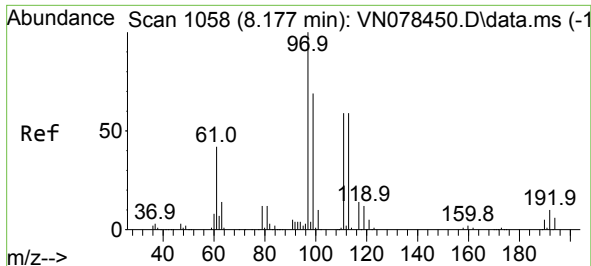
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.486 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

A508DL

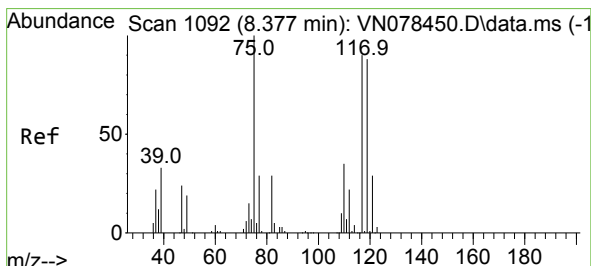
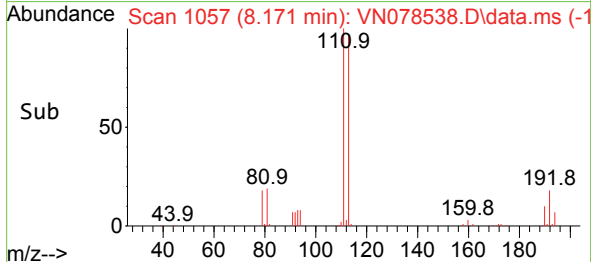
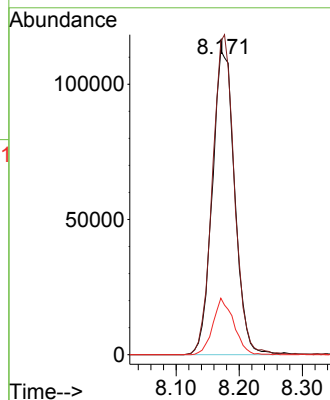
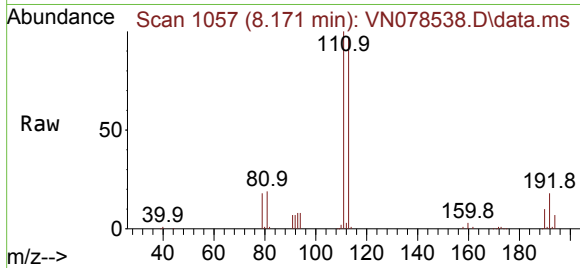
Tgt Ion:113 Resp: 277150

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 17.3 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.694 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.148 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

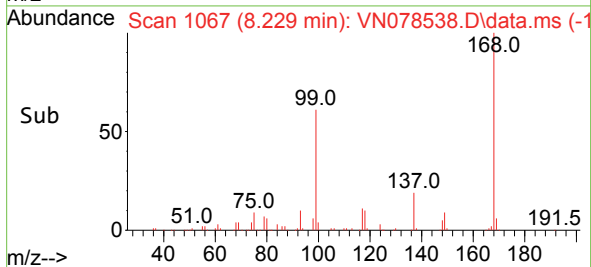
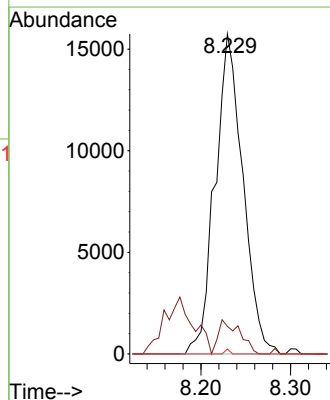
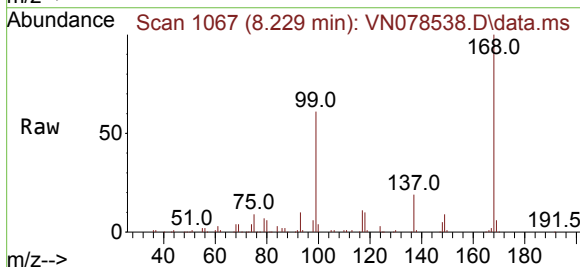
Tgt Ion: 75 Resp: 33854

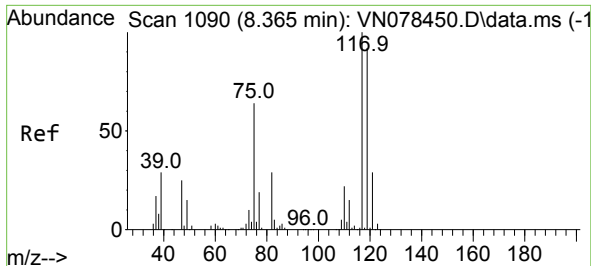
Ion Ratio Lower Upper

75 100

110 8.1 19.1 57.3#

77 0.3 25.0 37.4#

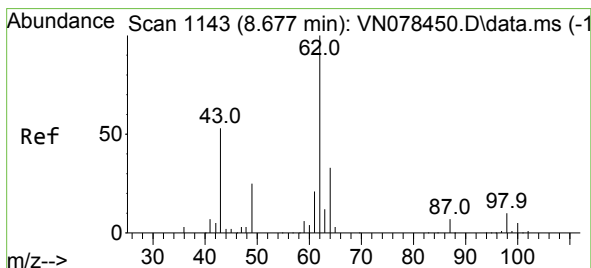
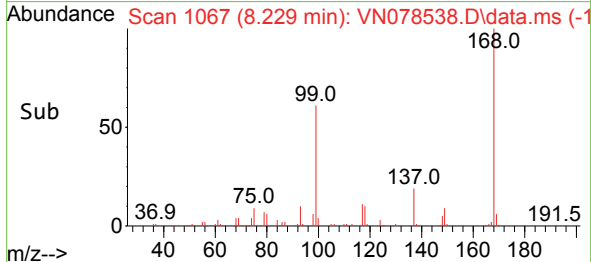
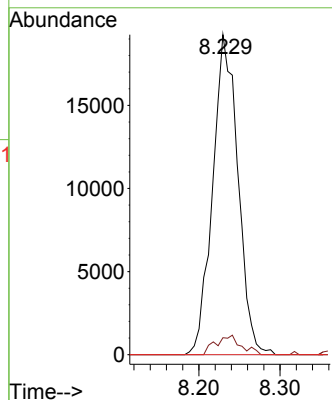
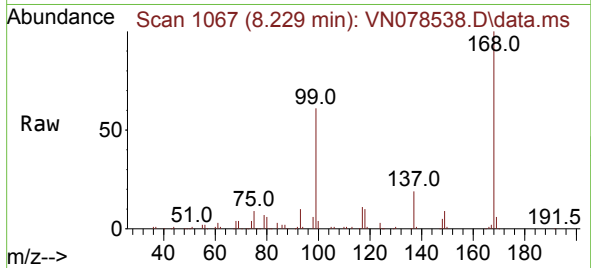




#38
Carbon Tetrachloride
Concen: 5.318 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

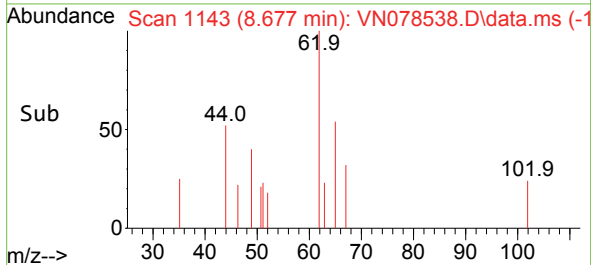
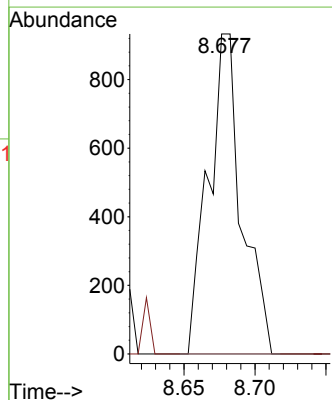
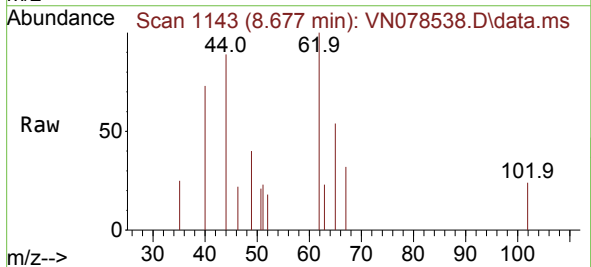
Instrument :
MSVOA_N
ClientSampleId :
A508DL

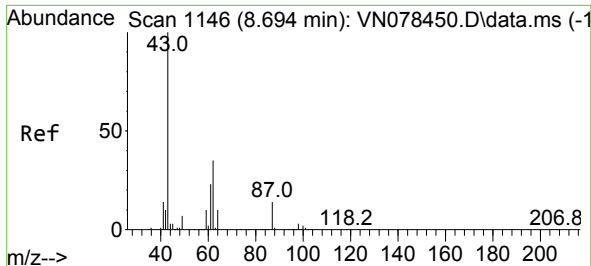
Tgt Ion:117 Resp: 41682
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.210 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

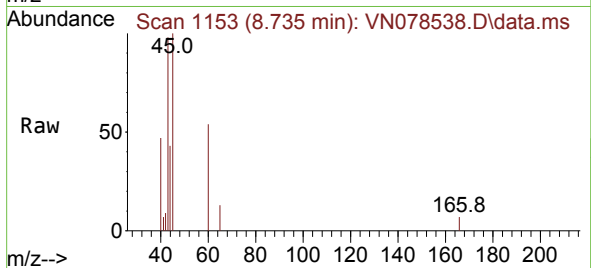
Tgt Ion: 62 Resp: 1523
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8



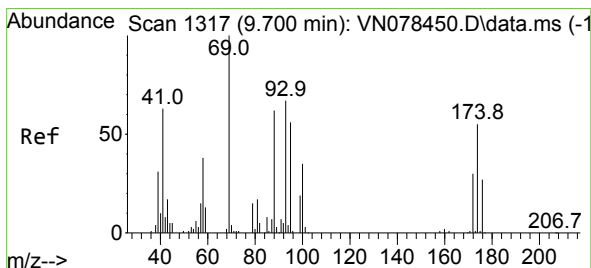
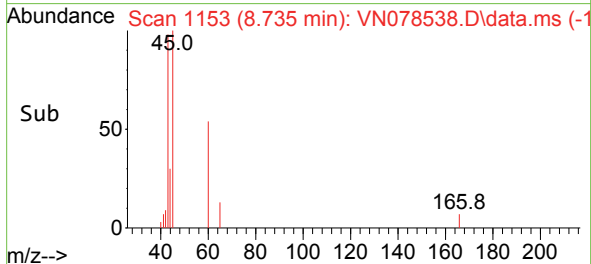
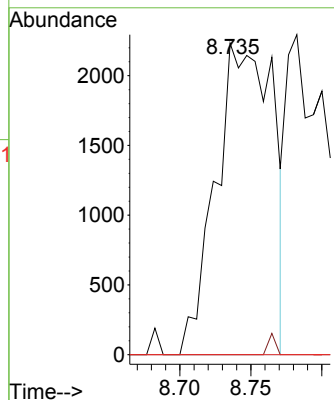


#43
Isopropyl Acetate
Concen: 0.631 ug/l
RT: 8.735 min Scan# 1146
Delta R.T. 0.041 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
A508DL

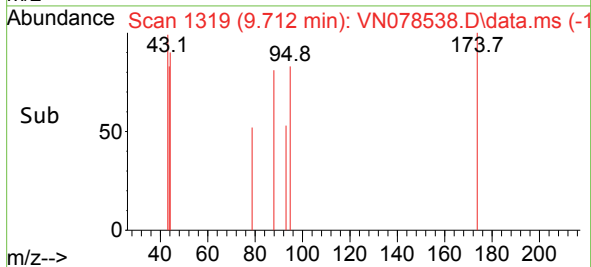
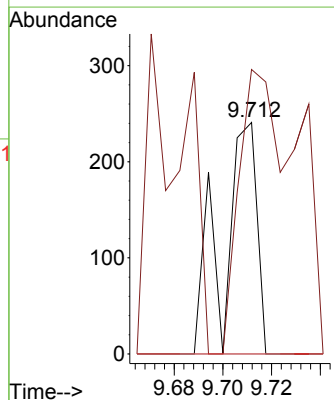
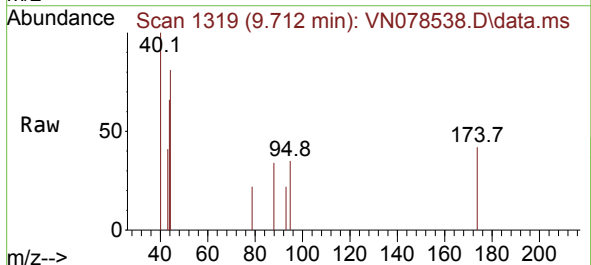


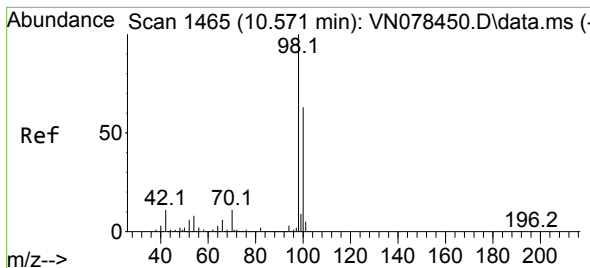
Tgt Ion: 43 Resp: 6248
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 2.310 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

Tgt Ion: 88 Resp: 231
Ion Ratio Lower Upper
88 100
43 215.2 17.0 25.6#
58 0.0 47.0 70.4#





#50

Toluene-d8

Concen: 45.510 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

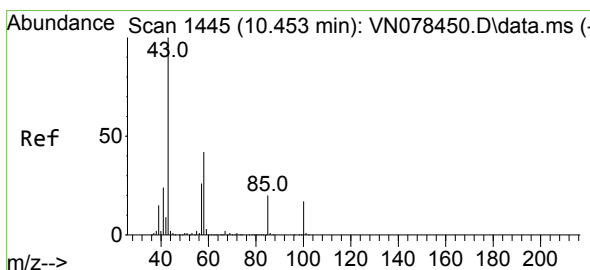
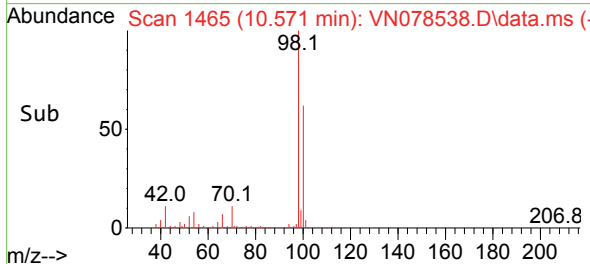
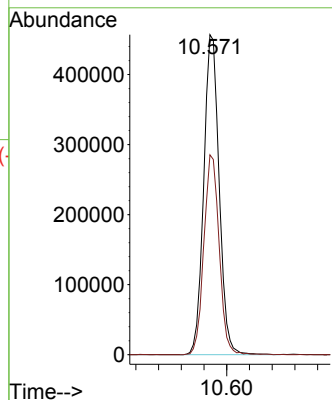
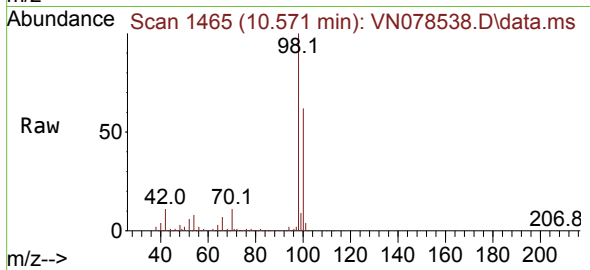
A508DL

Tgt Ion: 98 Resp: 858738

Ion Ratio Lower Upper

98 100

100 62.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.443 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VN078538.D

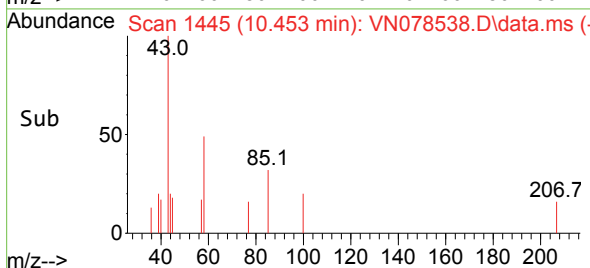
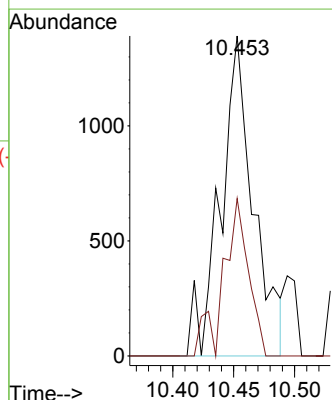
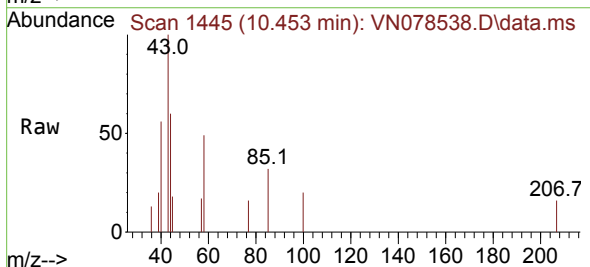
Acq: 17 Jul 2023 13:11

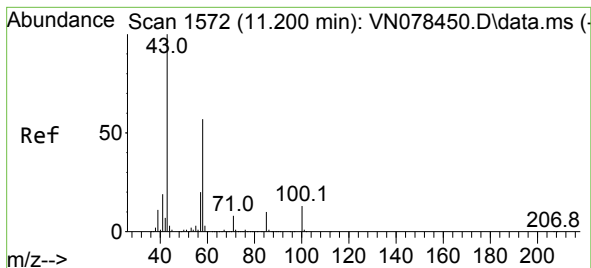
Tgt Ion: 43 Resp: 2606

Ion Ratio Lower Upper

43 100

58 38.1 36.6 54.8

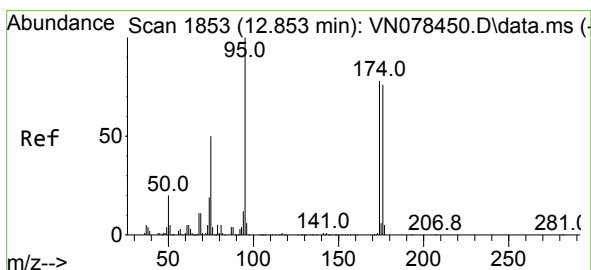
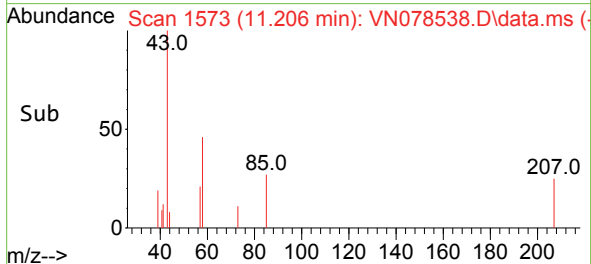
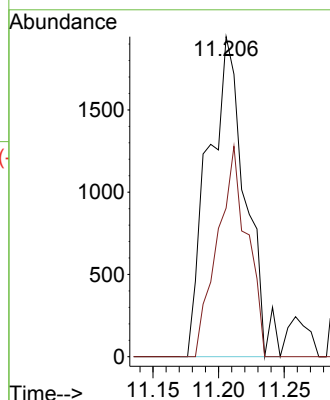
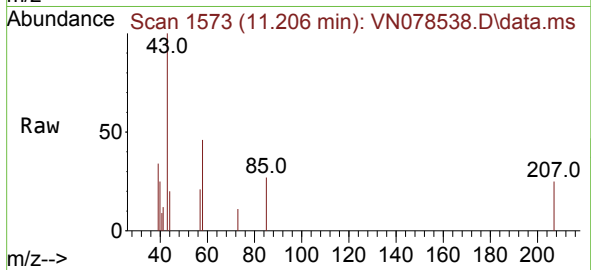




#59
2-Hexanone
Concen: 0.916 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

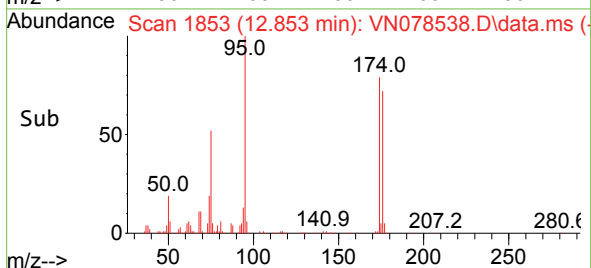
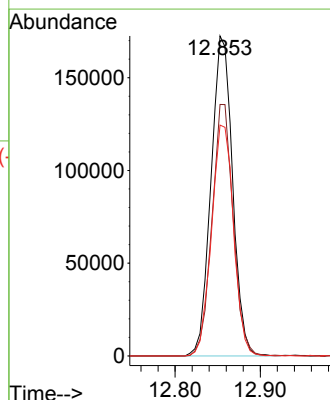
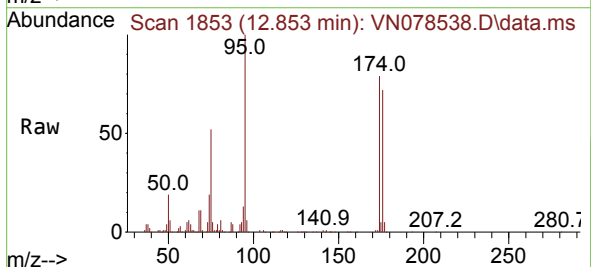
Instrument :
MSVOA_N
ClientSampleId :
A508DL

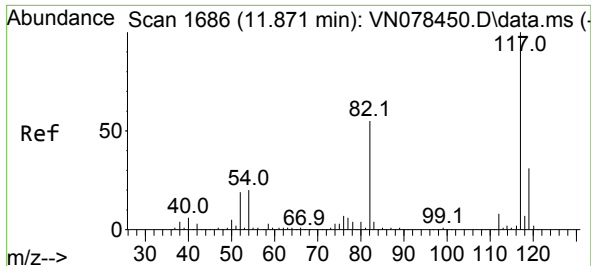
Tgt Ion: 43 Resp: 3832
Ion Ratio Lower Upper
43 100
58 52.6 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 52.102 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

Tgt Ion: 95 Resp: 302827
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 73.8 0.0 135.8

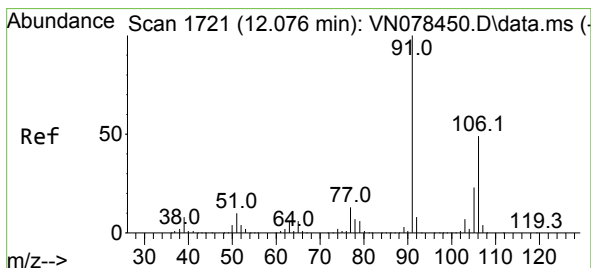
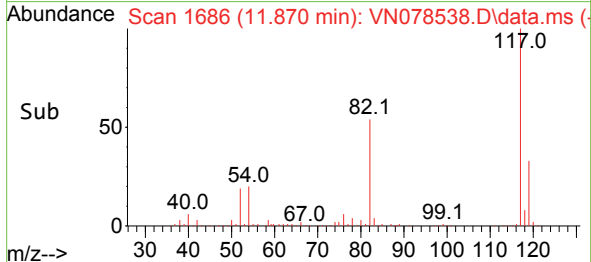
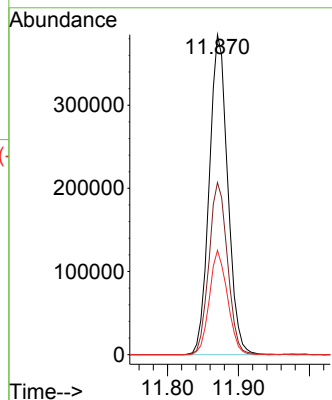
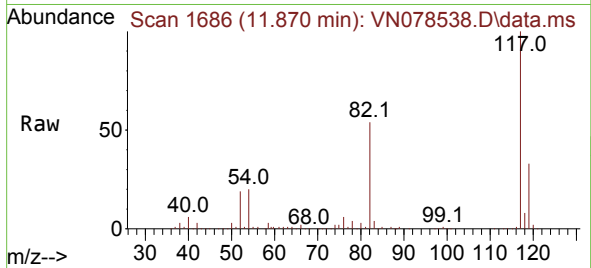




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

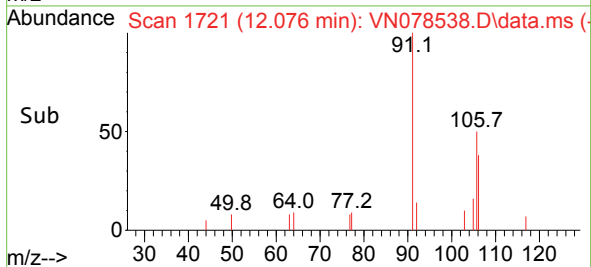
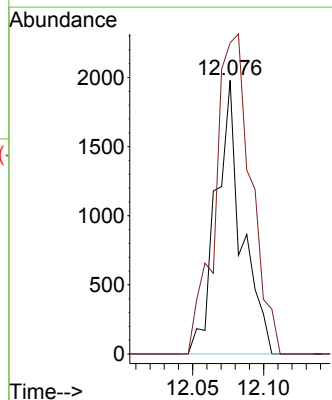
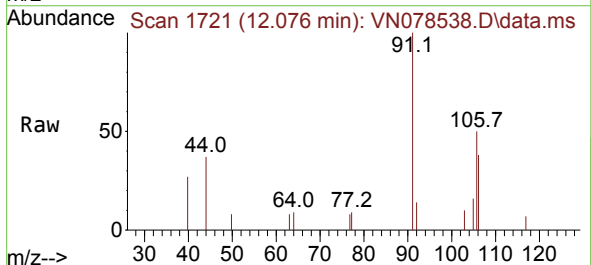
Instrument :
MSVOA_N
ClientSampleId :
A508DL

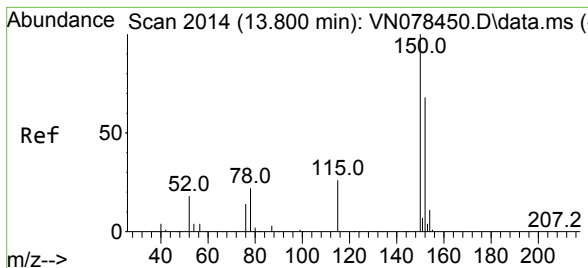
Tgt Ion:117 Resp: 693825
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 0.257 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

Tgt Ion:106 Resp: 2492
Ion Ratio Lower Upper
106 100
91 162.9 159.6 239.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

A508DL

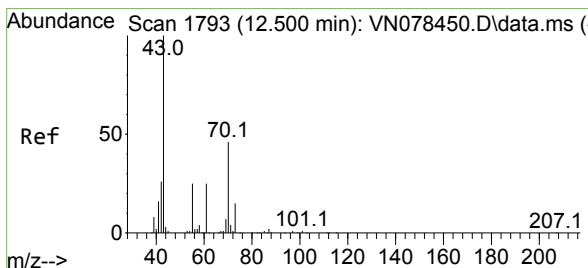
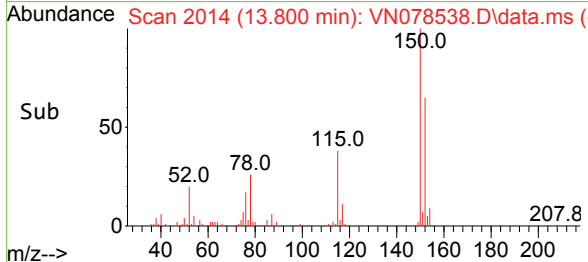
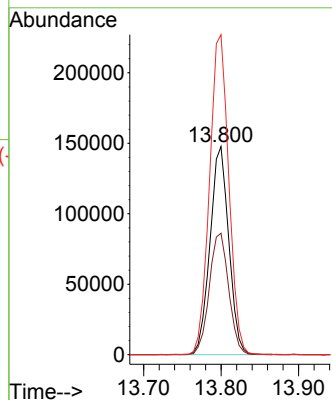
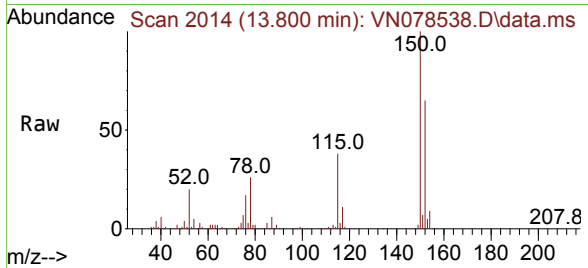
Tgt Ion:152 Resp: 249180

Ion Ratio Lower Upper

152 100

115 60.4 32.3 96.8

150 157.6 0.0 355.8



#74

N-ethyl acetate

Concen: 0.230 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Tgt Ion: 43 Resp: 1852

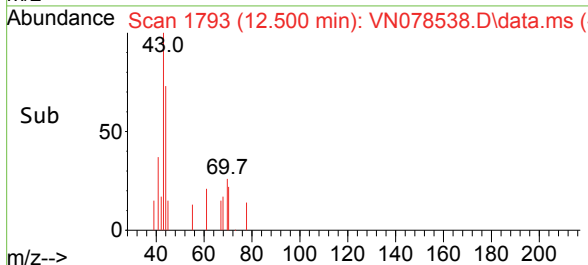
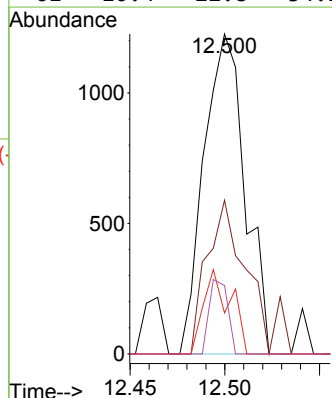
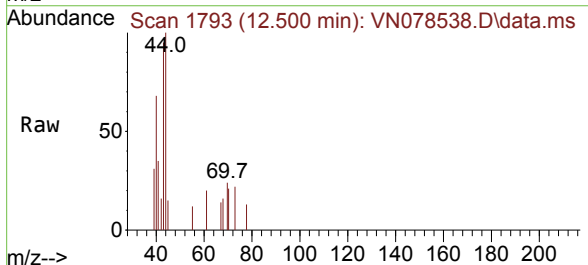
Ion Ratio Lower Upper

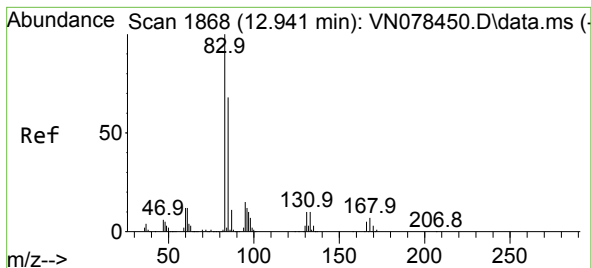
43 100

70 48.4 43.4 65.2

55 17.2 21.4 32.0#

61 10.4 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

A508DL

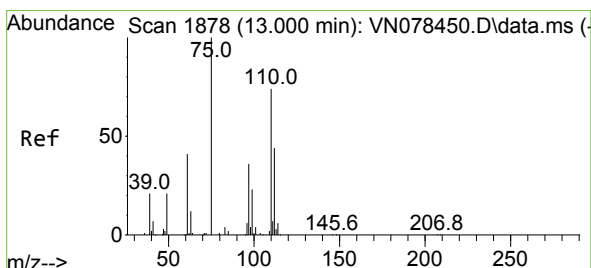
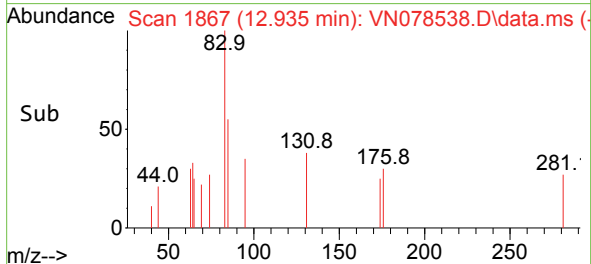
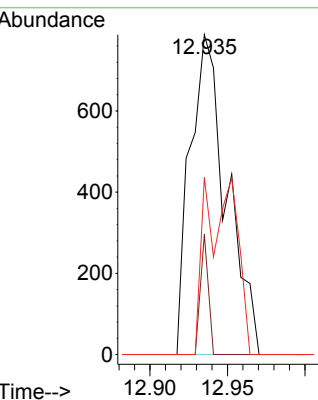
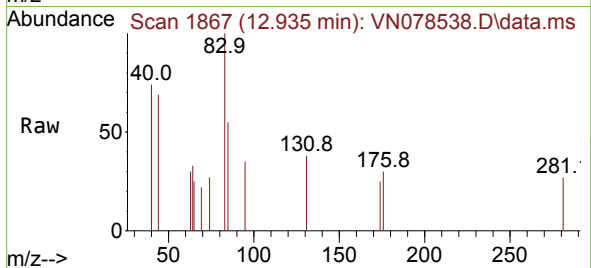
Tgt Ion: 83 Resp: 1293

Ion Ratio Lower Upper

83 100

131 8.0 5.0 15.0

85 46.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 26.278 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078538.D

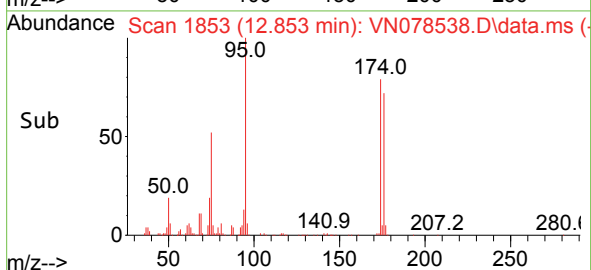
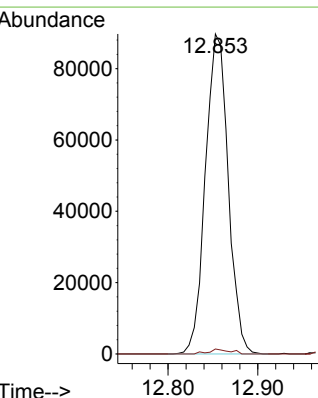
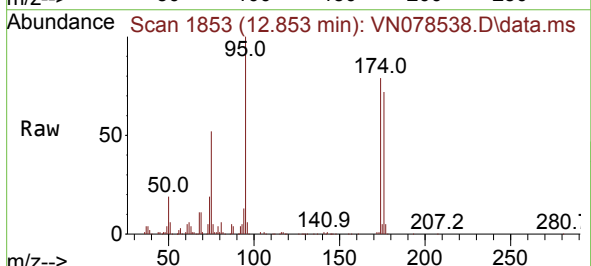
Acq: 17 Jul 2023 13:11

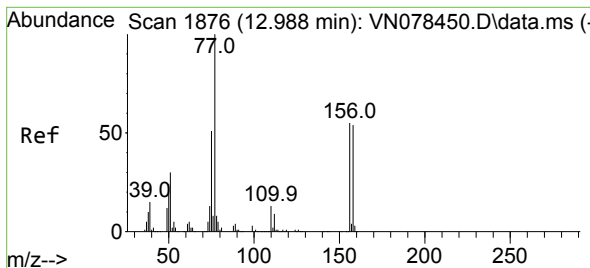
Tgt Ion: 75 Resp: 158274

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#





#77

Bromobenzene

Concen: Below Cal

RT: 12.970 min Scan# 1873

Delta R.T. -0.018 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

A508DL

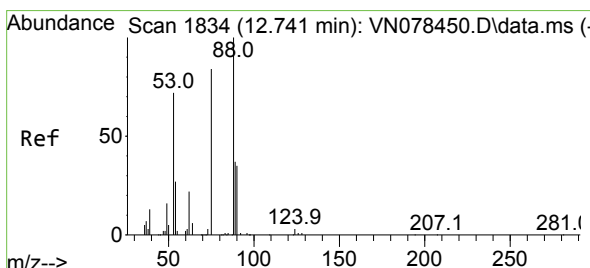
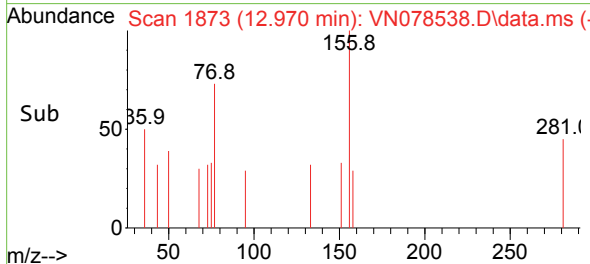
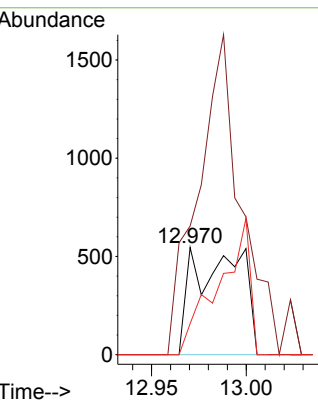
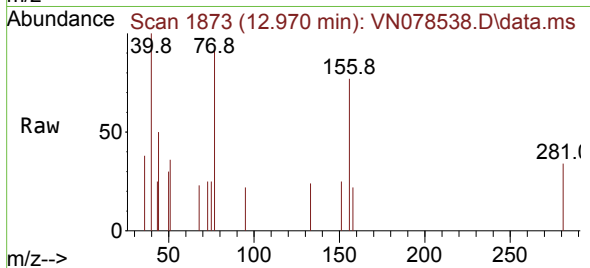
Tgt Ion:156 Resp: 971

Ion Ratio Lower Upper

156 100

77 0.0 107.7 323.3#

158 0.0 48.4 145.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.055 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

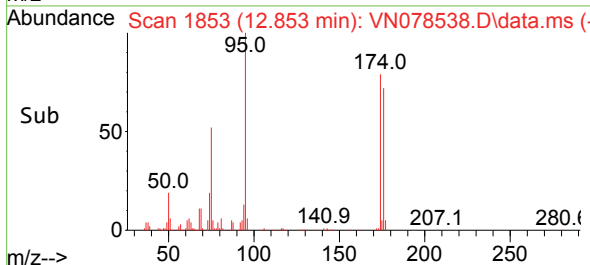
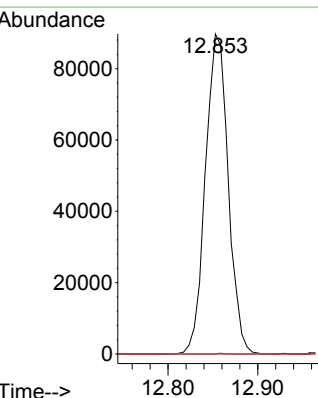
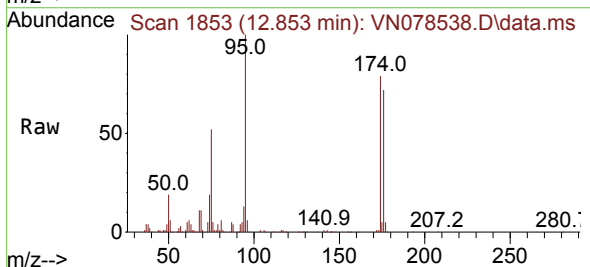
Tgt Ion: 75 Resp: 158274

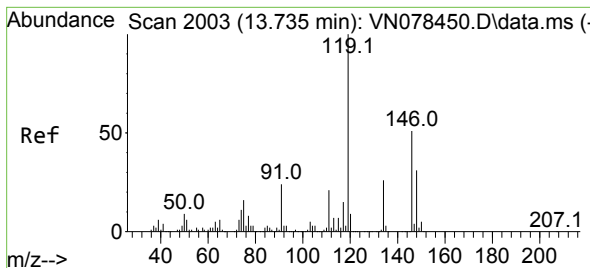
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#





#87

1,3-Dichlorobenzene

Concen: 0.265 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

A508DL

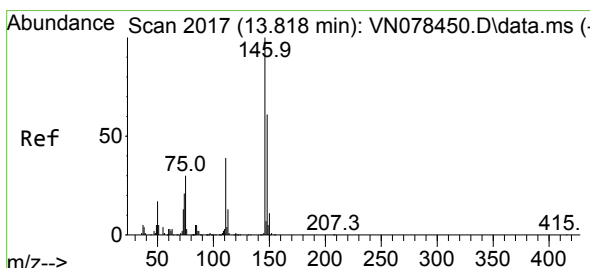
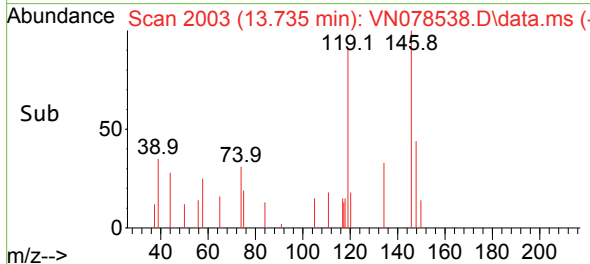
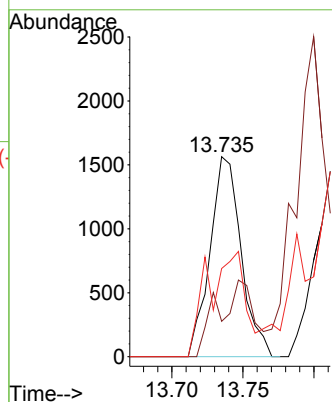
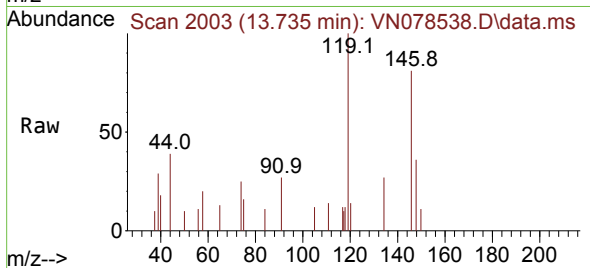
Tgt Ion:146 Resp: 2383

Ion Ratio Lower Upper

146 100

111 14.9 22.1 66.3#

148 21.7 32.0 96.0#



#88

1,4-Dichlorobenzene

Concen: 0.379 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

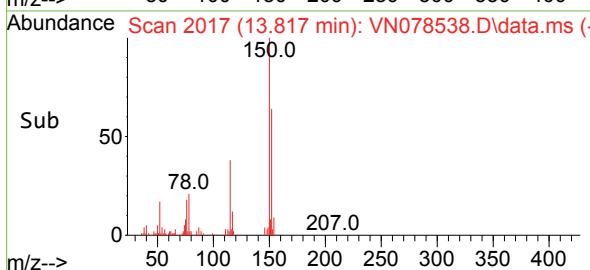
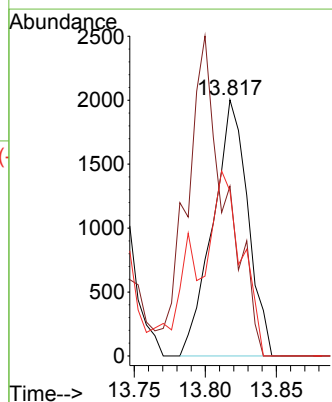
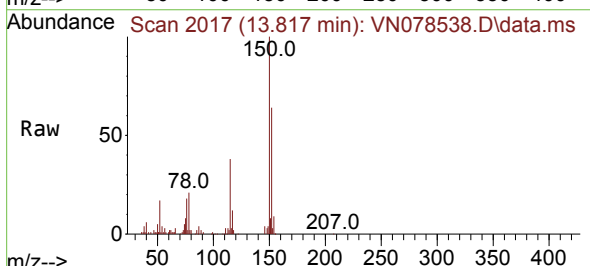
Tgt Ion:146 Resp: 3430

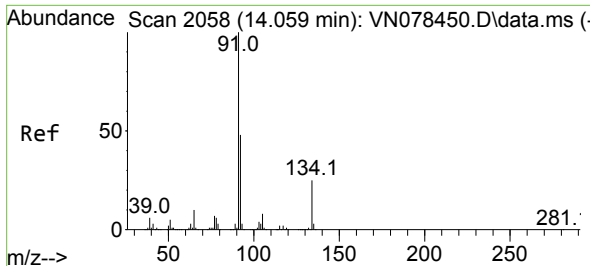
Ion Ratio Lower Upper

146 100

111 138.6 20.6 61.8#

148 65.7 31.6 94.8

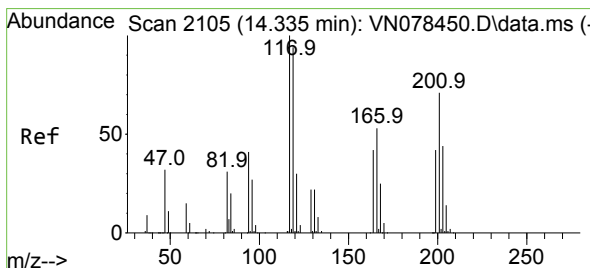
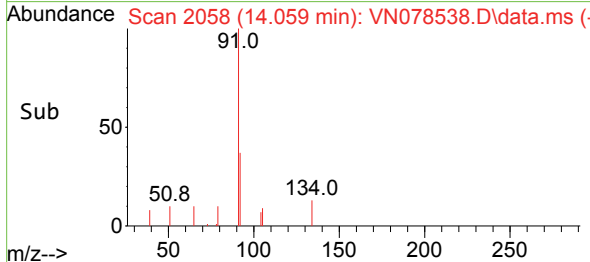
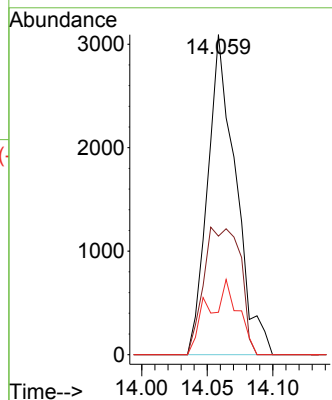
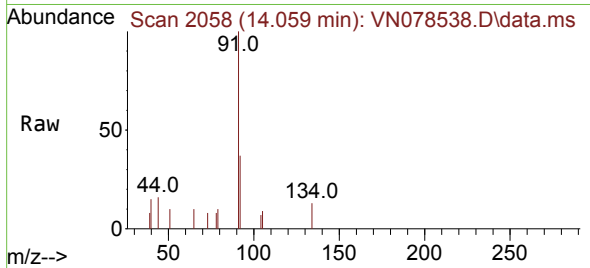




#89
n-Butylbenzene
Concen: 0.404 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

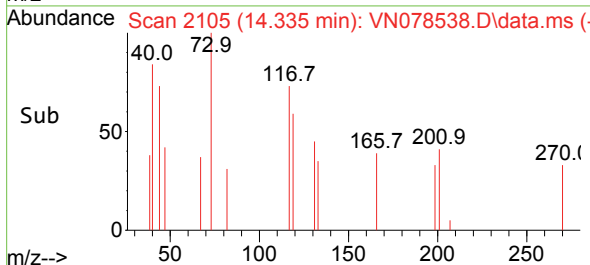
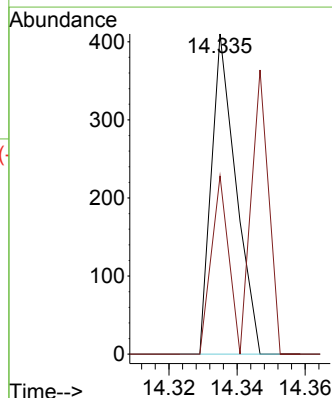
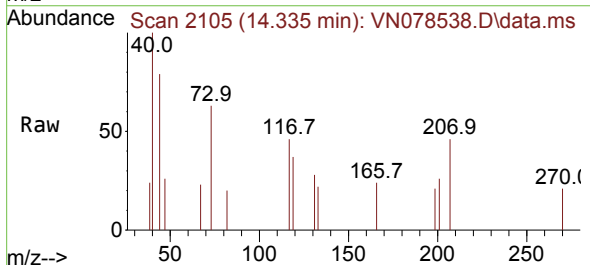
Instrument :
MSVOA_N
ClientSampleId :
A508DL

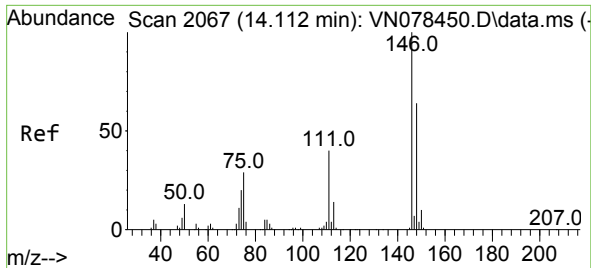
Tgt Ion: 91	Resp:	4605
Ion	Ratio	Lower Upper
91	100	
92	51.9	26.4 79.0
134	25.1	12.6 37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

Tgt Ion: 117	Resp:	205
Ion	Ratio	Lower Upper
117	100	
201	102.0	29.3 88.0

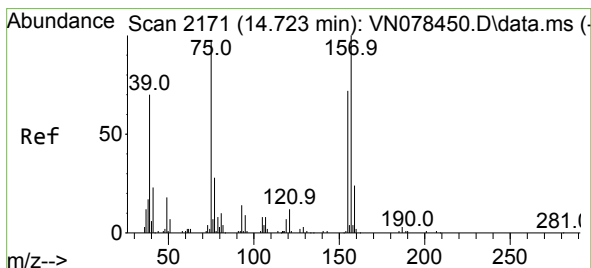
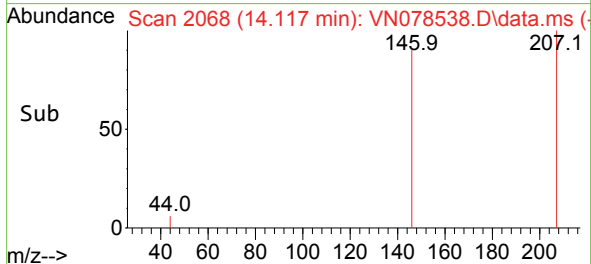
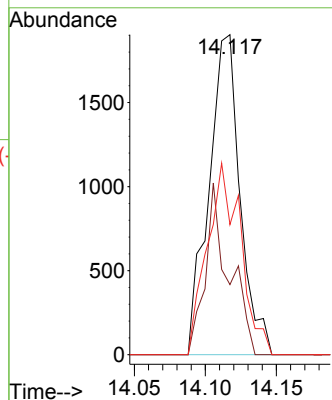
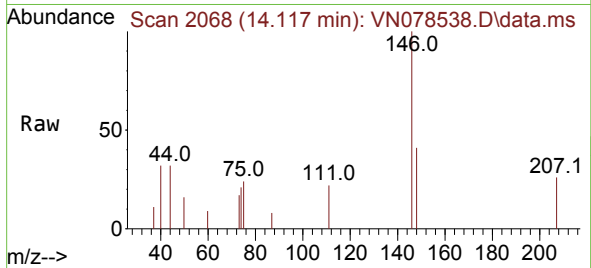




#91
 1,2-Dichlorobenzene
 Concen: 0.326 ug/l
 RT: 14.117 min Scan# 2067
 Delta R.T. 0.005 min
 Lab File: VN078538.D
 Acq: 17 Jul 2023 13:11

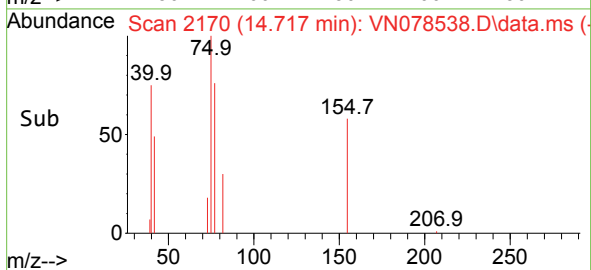
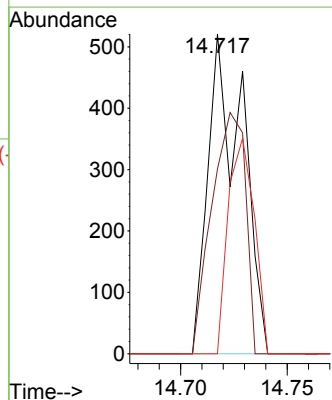
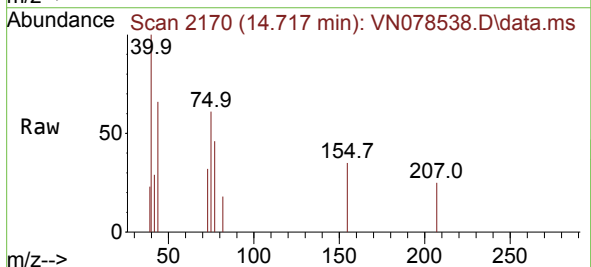
Instrument :
 MSVOA_N
 ClientSampleId :
 A508DL

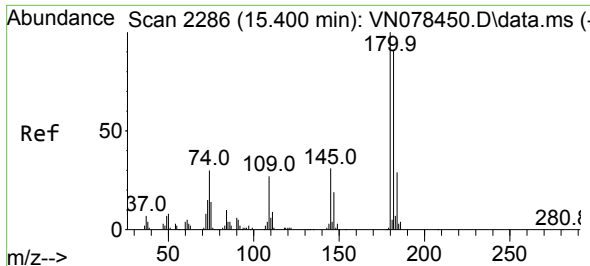
Tgt Ion:146 Resp: 2920
 Ion Ratio Lower Upper
 146 100
 111 40.3 22.0 66.0
 148 63.6 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN078538.D
 Acq: 17 Jul 2023 13:11

Tgt Ion: 75 Resp: 579
 Ion Ratio Lower Upper
 75 100
 155 74.6 39.1 117.2
 157 51.8 50.3 150.9

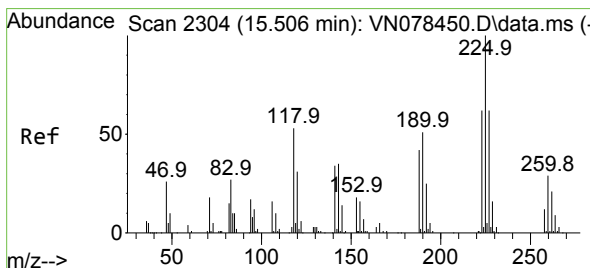
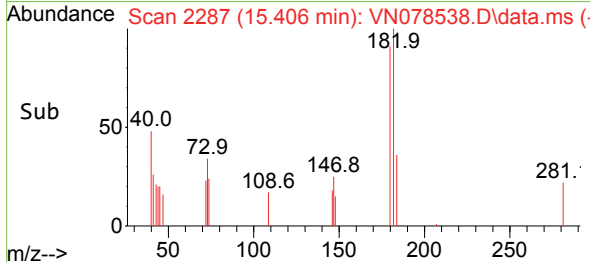
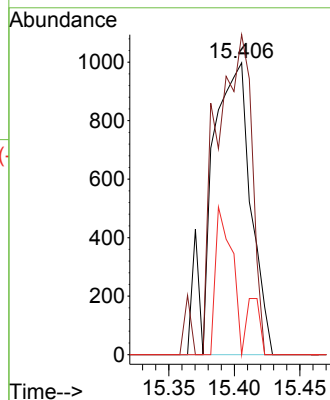
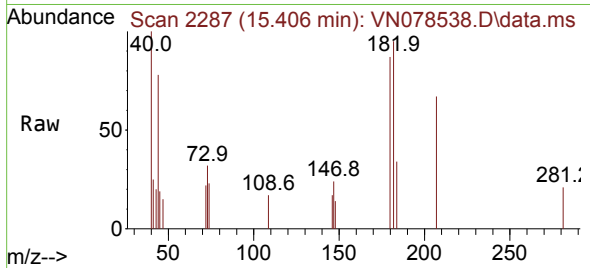




#93
1,2,4-Trichlorobenzene
Concen: 0.726 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

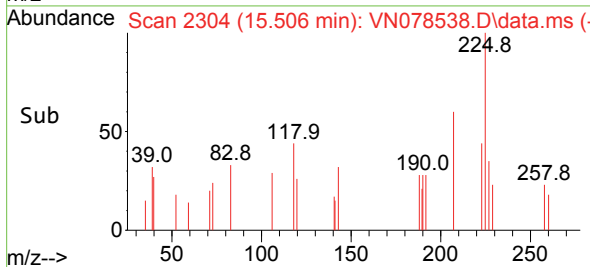
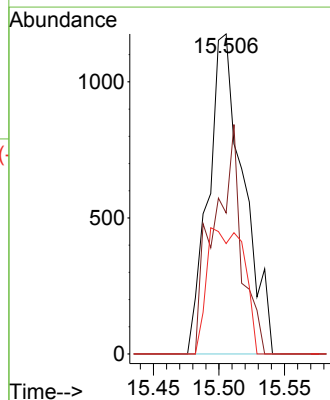
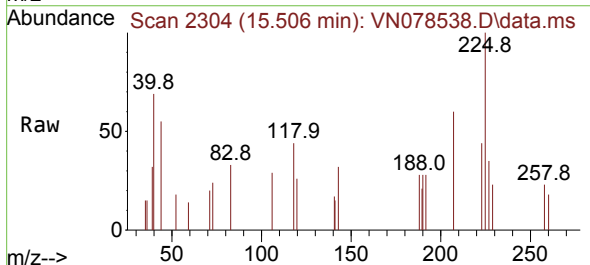
Instrument :
MSVOA_N
ClientSampleId :
A508DL

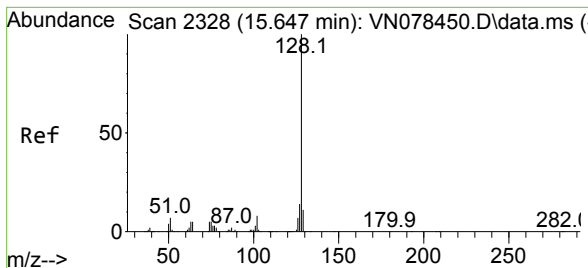
Tgt Ion:180 Resp: 2072
Ion Ratio Lower Upper
180 100
182 101.8 46.1 138.2
145 27.8 16.6 49.8



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078538.D
Acq: 17 Jul 2023 13:11

Tgt Ion:225 Resp: 2180
Ion Ratio Lower Upper
225 100
223 56.1 31.3 93.8
227 41.7 31.9 95.9





#95

Naphthalene

Concen: 0.850 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

A508DL

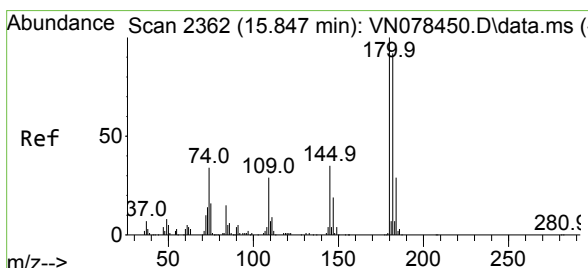
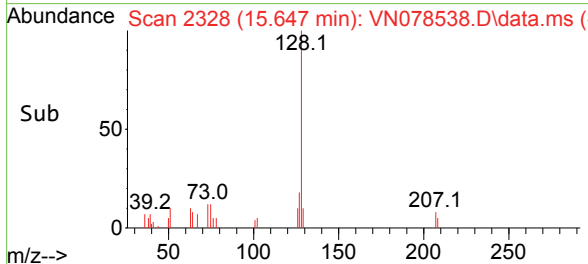
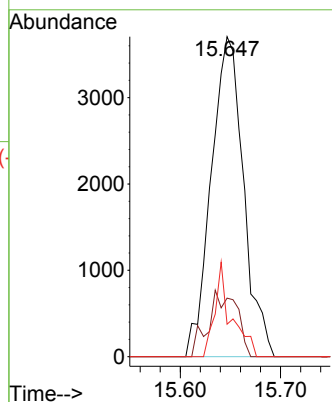
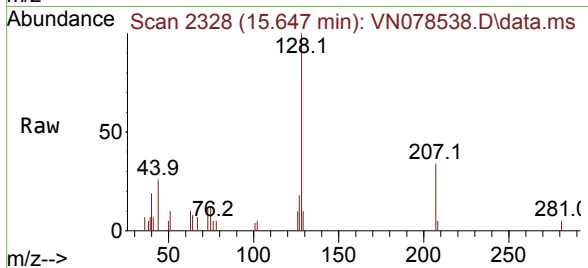
Tgt Ion:128 Resp: 8293

Ion Ratio Lower Upper

128 100

127 18.2 10.0 15.0#

129 15.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.975 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.012 min

Lab File: VN078538.D

Acq: 17 Jul 2023 13:11

Tgt Ion:180 Resp: 3200

Ion Ratio Lower Upper

180 100

182 88.0 46.2 138.6

145 29.0 17.5 52.6

