

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078551.D
 Acq On : 18 Jul 2023 11:03
 Operator : JC\MD
 Sample : VN0718MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718MBL01

Quant Time: Jul 19 01:44:36 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	406941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	714817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	641541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	220434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	258263	47.340	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	8.177	113	270537	55.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.500%
50) Toluene-d8	10.570	98	818157	44.633	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.853	95	276153	48.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	2327	0.429 ug/l	#	85
5) Bromomethane	2.971	94	3180	Below Cal		87
6) Chloroethane	3.089	64	800	Below Cal		98
10) Methyl Iodide	4.600	142	1534	0.251 ug/l	#	80
11) Tert butyl alcohol	5.512	59	1814	2.156 ug/l	#	72
13) Acrolein	4.183	56	280	0.338 ug/l	#	1
15) Acrylonitrile	5.753	53	1433	0.674 ug/l	#	34
16) Acetone	4.459	43	2138	1.258 ug/l	#	65
17) Carbon Disulfide	4.718	76	5173	0.417 ug/l	#	75
20) Methylene Chloride	5.277	84	1956	Below Cal	#	87
29) Tetrahydrofuran	7.865	42	812	0.463 ug/l	#	33
31) Cyclohexane	8.229	56	8654	1.174 ug/l	#	29
38) Carbon Tetrachloride	8.235	117	41903	5.503 ug/l	#	16
44) Trichloroethene	9.359	130	1133	0.203 ug/l		89
49) 1,4-Dioxane	9.706	88	275	2.831 ug/l	#	41
51) 4-Methyl-2-Pentanone	10.447	43	2354	0.412 ug/l		87
59) 2-Hexanone	11.206	43	3776	0.929 ug/l		83
65) Chlorobenzene	11.900	112	2984	0.208 ug/l		98
68) m/p-Xylenes	12.076	106	2024	0.226 ug/l		84
71) Bromoform	12.582	173	849	0.227 ug/l	#	28
74) N-amyl acetate	12.494	43	2010	0.282 ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.947	83	1759	Below Cal	#	77
76) 1,2,3-Trichloropropane	12.853	75	143089	26.855 ug/l	#	1
77) Bromobenzene	12.982	156	1131	Below Cal		82
81) trans-1,4-Dichloro-2-b...	12.853	75	143089	70.571 ug/l	#	15
82) 4-Chlorotoluene	13.223	91	3884	0.287 ug/l		99
84) 1,2,4-Trimethylbenzene	13.488	105	3813	0.240 ug/l		96
85) sec-Butylbenzene	13.617	105	4730	0.269 ug/l		96
86) p-Isopropyltoluene	13.735	119	4491	0.318 ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	2857	0.359 ug/l		83
88) 1,4-Dichlorobenzene	13.735	146	2857	0.357 ug/l		84
89) n-Butylbenzene	14.064	91	6832	0.677 ug/l		95
90) Hexachloroethane	14.335	117	1003	Below Cal	#	46
91) 1,2-Dichlorobenzene	14.111	146	3538	0.447 ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.729	75	395	Below Cal	#	28
93) 1,2,4-Trichlorobenzene	15.394	180	3984	1.577 ug/l		91

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QLast Update : Mon Jul 10 16:13:53 2023
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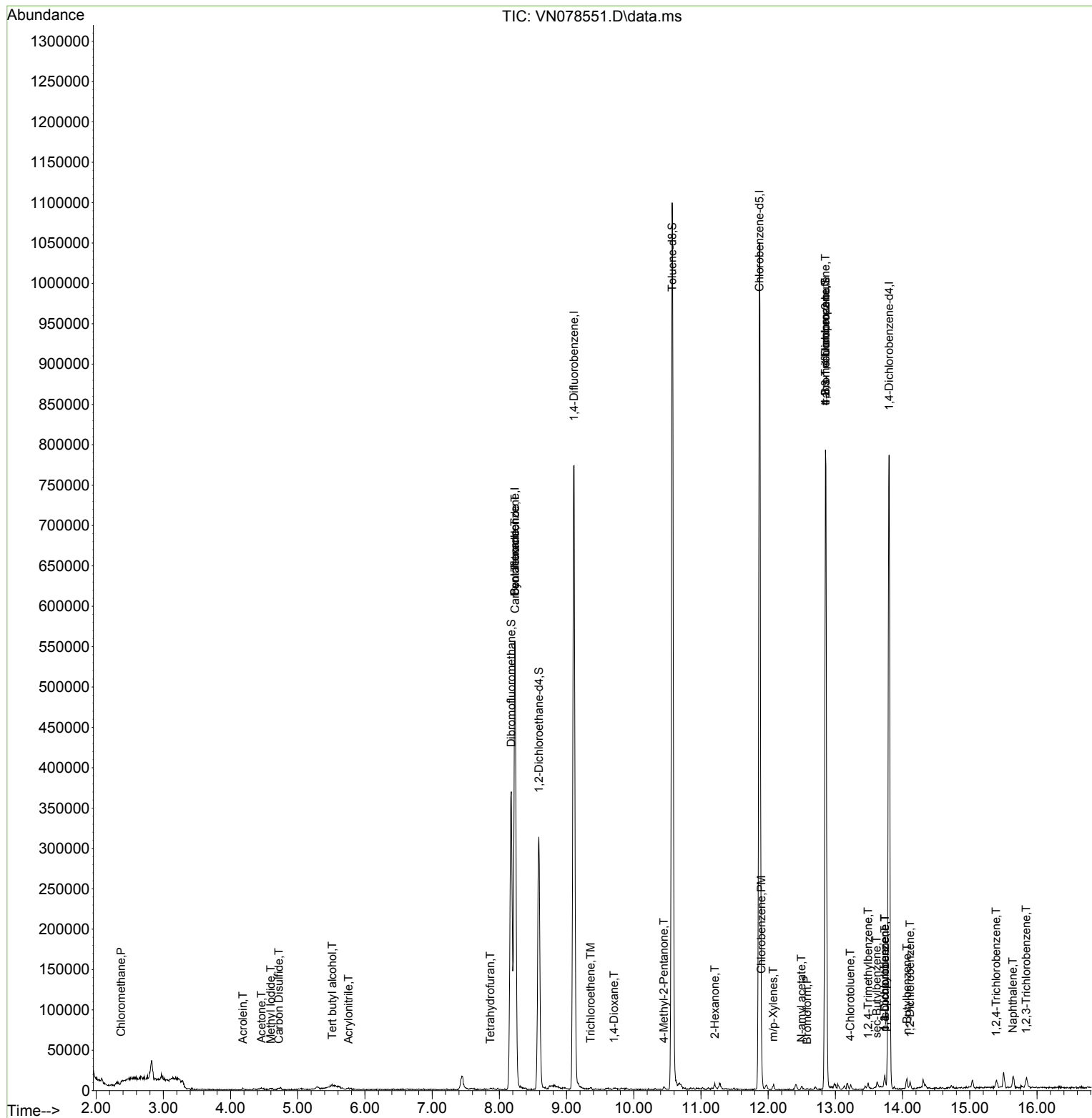
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	15.505	225	3075	Below Cal	87
95) Naphthalene	15.641	128	13375	1.549 ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	4820	1.660 ug/l	98

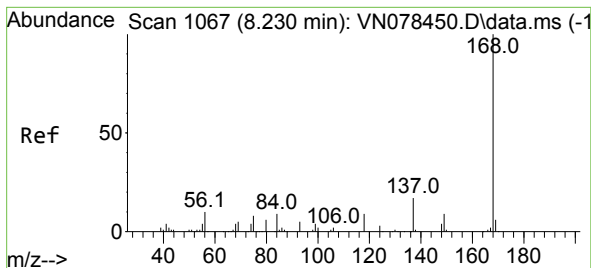
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN078551.D

Acq: 18 Jul 2023 11:03

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MSVOA_N

ClientSampleId :

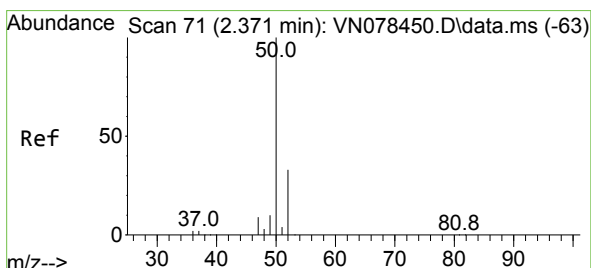
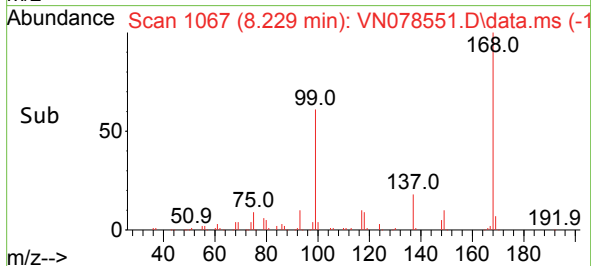
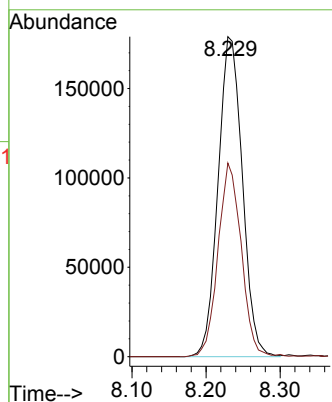
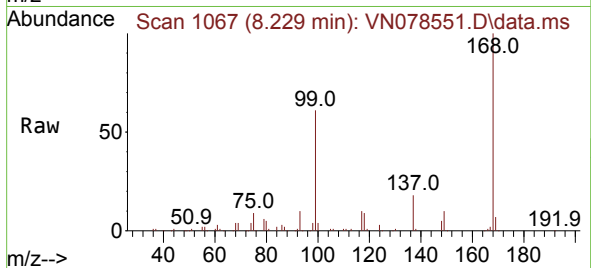
VN0718MBL01

Tgt Ion:168 Resp: 406941

Ion Ratio Lower Upper

168 100

99 60.5 53.0 79.6



#3

Chloromethane

Concen: 0.429 ug/l

RT: 2.371 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN078551.D

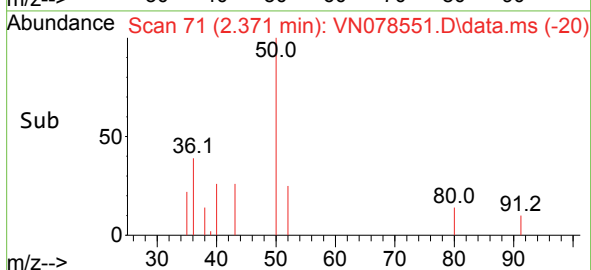
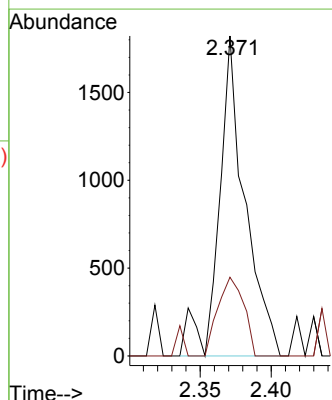
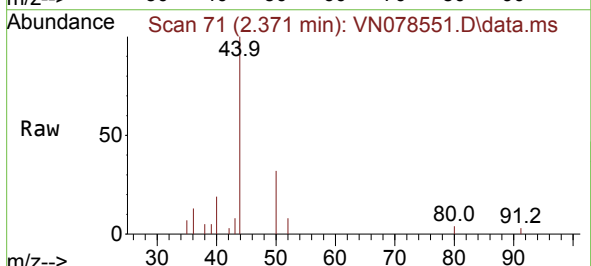
Acq: 18 Jul 2023 11:03

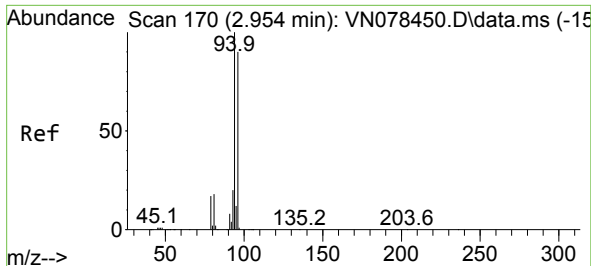
Tgt Ion: 50 Resp: 2327

Ion Ratio Lower Upper

50 100

52 24.6 26.5 39.7#

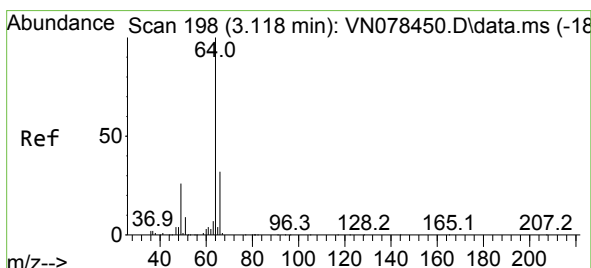
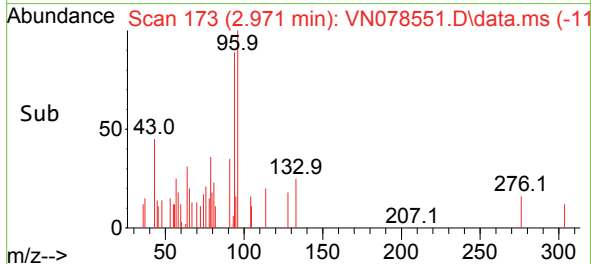
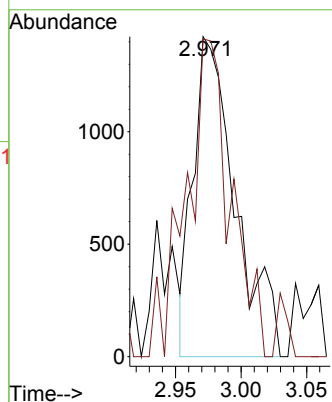
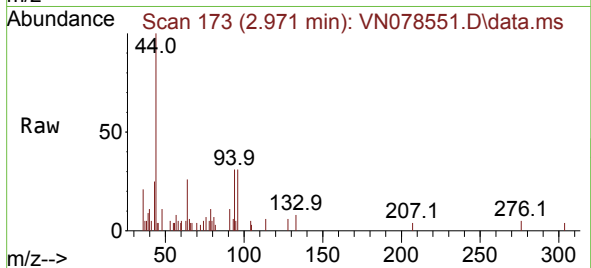




#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

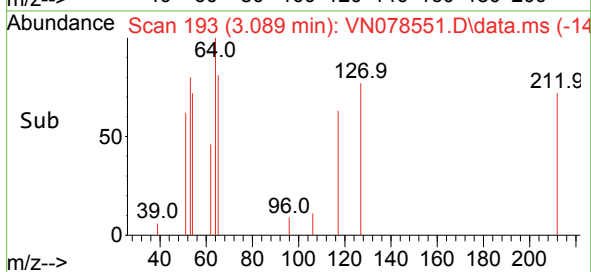
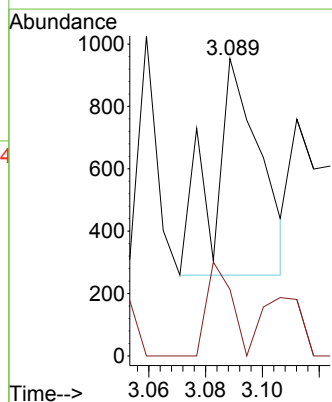
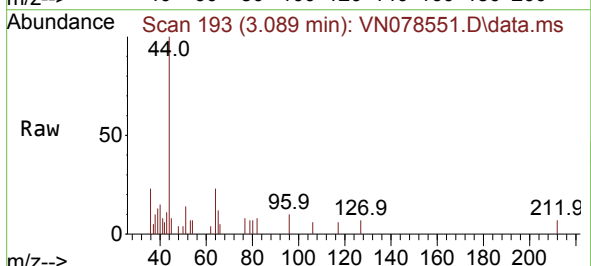
Instrument :
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VN0718MBL01

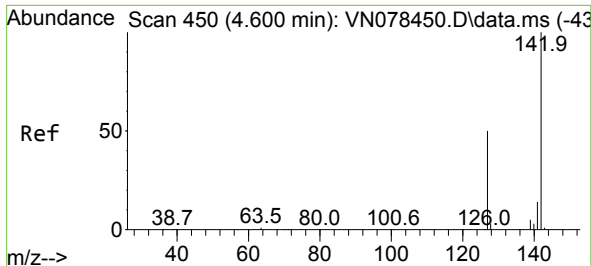
Tgt Ion: 94 Resp: 3180
Ion Ratio Lower Upper
94 100
96 79.5 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 193
Delta R.T. -0.029 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

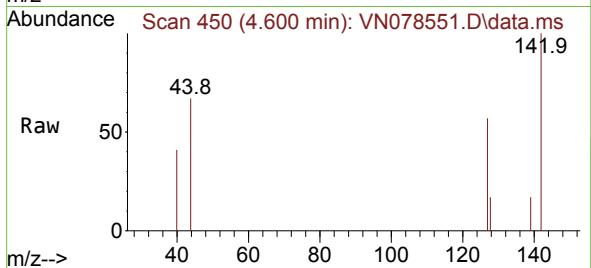
Tgt Ion: 64 Resp: 800
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2



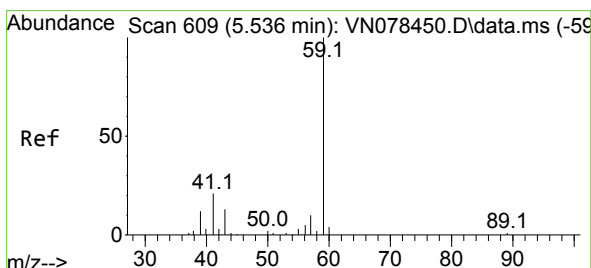
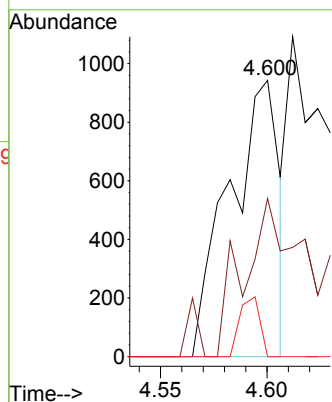
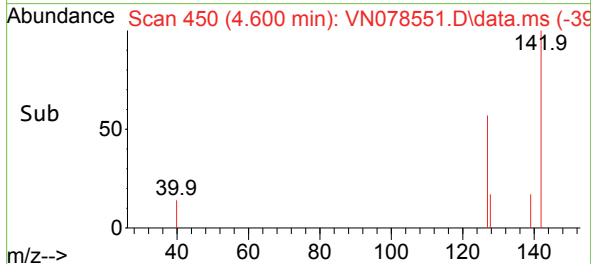


#10
Methyl Iodide
Concen: 0.251 ug/l
RT: 4.600 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

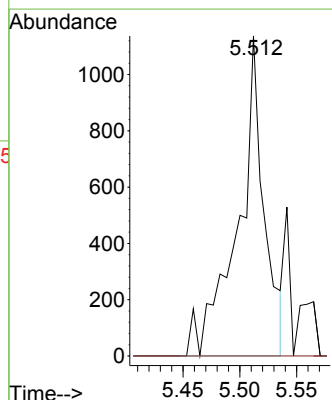
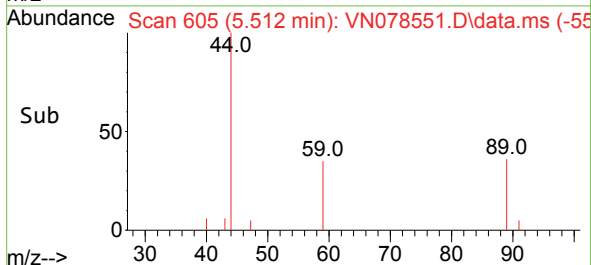
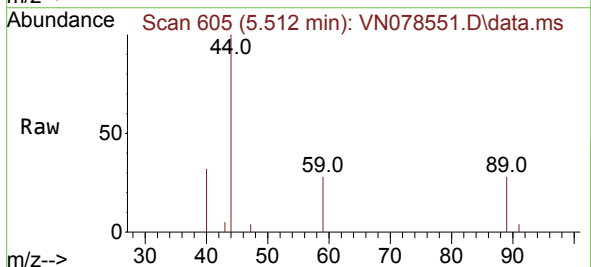


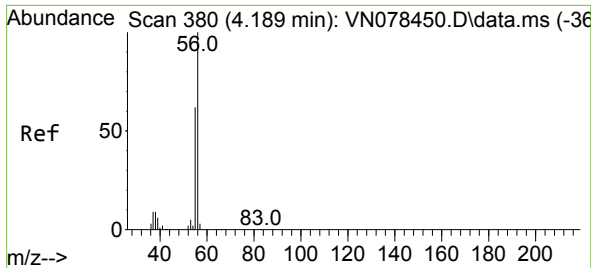
Tgt Ion:142 Resp: 1534
Ion Ratio Lower Upper
142 100
127 57.3 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.156 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.024 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion: 59 Resp: 1814
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

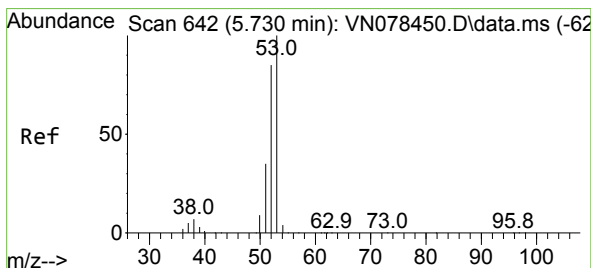
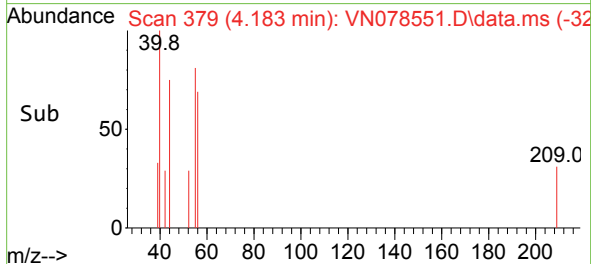
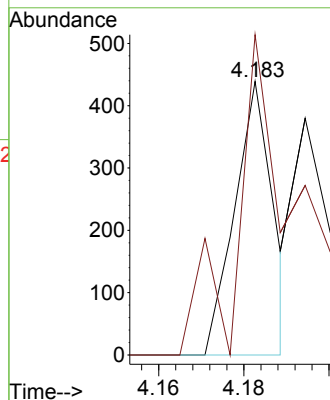
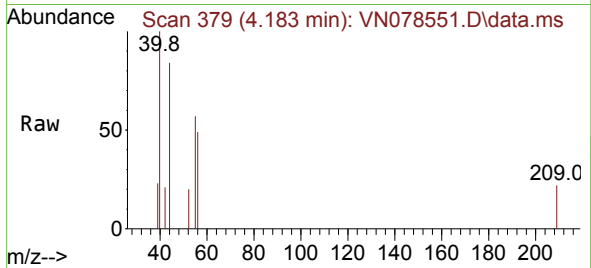




#13
Acrolein
Concen: 0.338 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

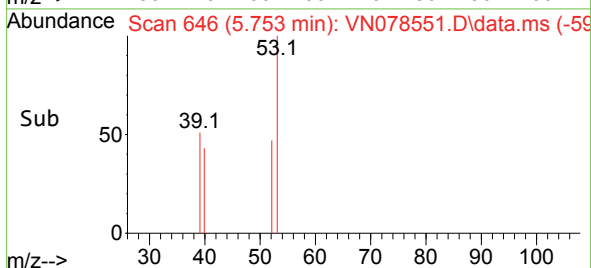
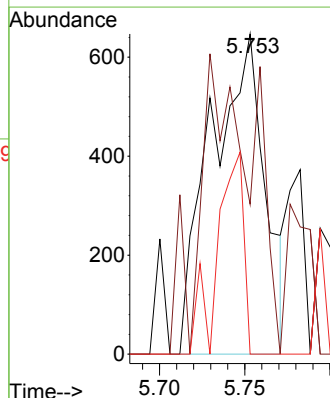
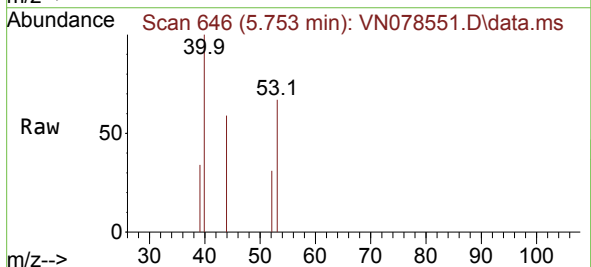
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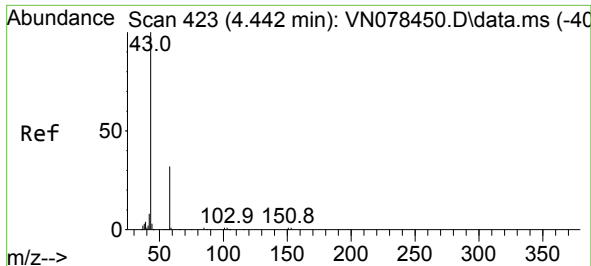
Tgt Ion: 56 Resp: 280
Ion Ratio Lower Upper
56 100
55 168.2 54.5 81.7#



#15
Acrylonitrile
Concen: 0.674 ug/l
RT: 5.753 min Scan# 646
Delta R.T. 0.023 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion: 53 Resp: 1433
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 30.5 28.9 43.3

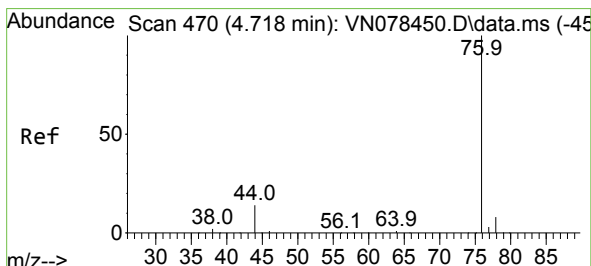
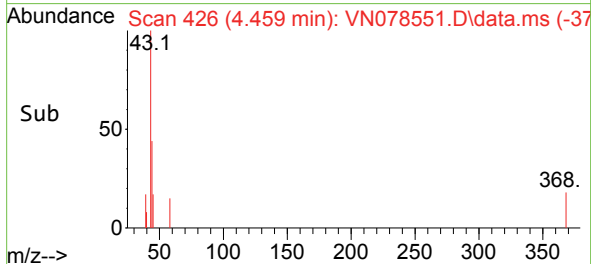
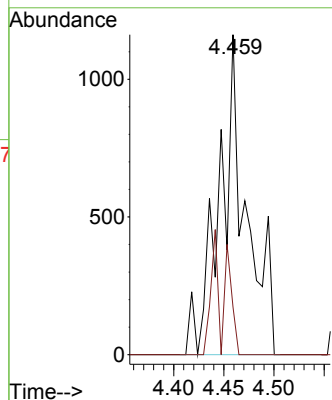
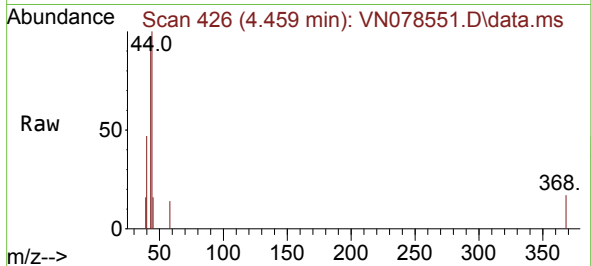




#16
Acetone
Concen: 1.258 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

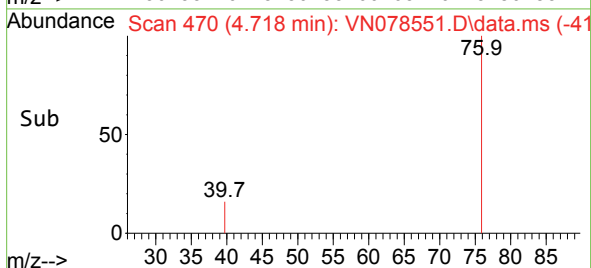
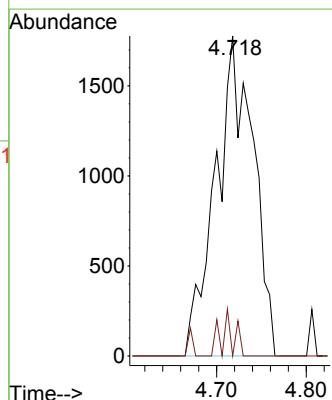
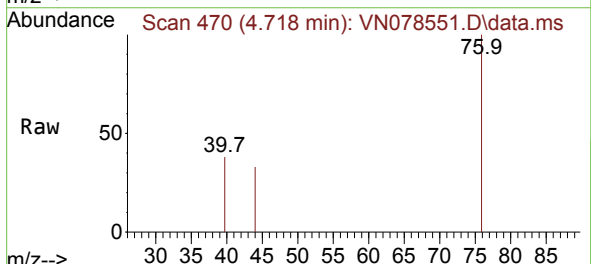
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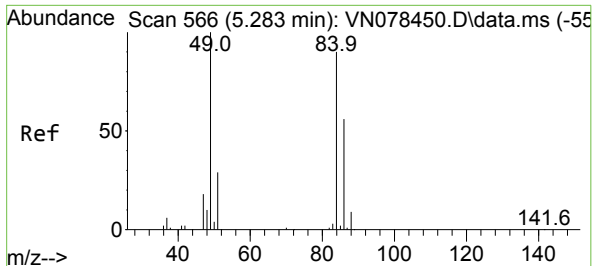
Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
58 14.9 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.417 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion: 76 Resp: 5173
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

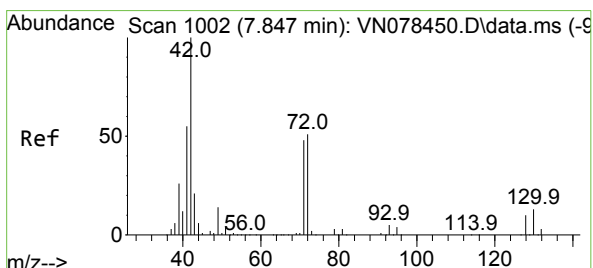
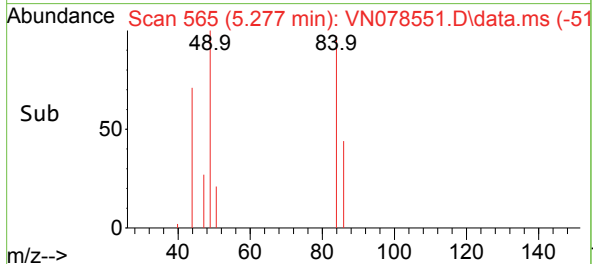
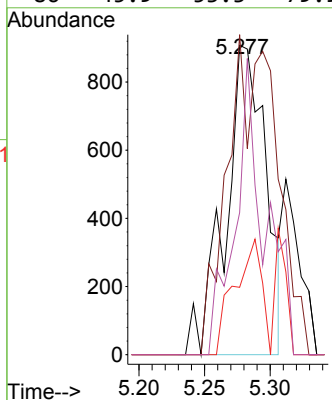
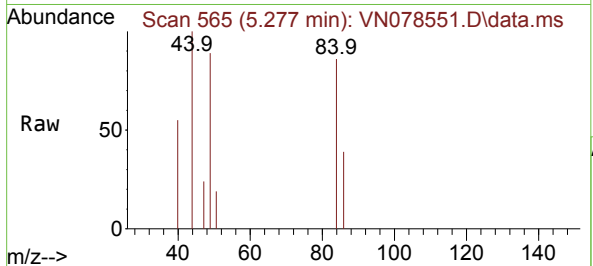




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

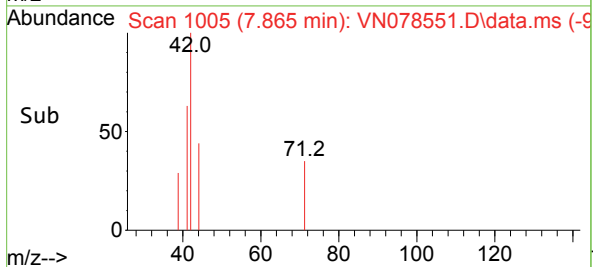
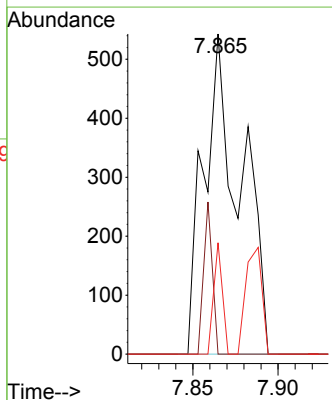
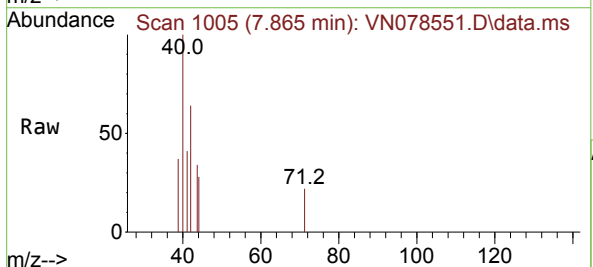
Instrument :
MSVOA_N
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VN0718MBL01

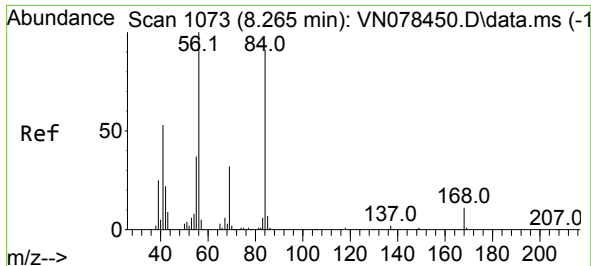
Tgt Ion:	84	Resp:	1956
Ion	Ratio	Lower	Upper
84	100		
49	103.4	79.7	119.5
51	21.8	25.2	37.8#
86	45.9	53.3	79.9#



#29
Tetrahydrofuran
Concen: 0.463 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion:	42	Resp:	812
Ion	Ratio	Lower	Upper
42	100		
72	11.2	49.8	74.6#
71	8.3	47.4	71.2#

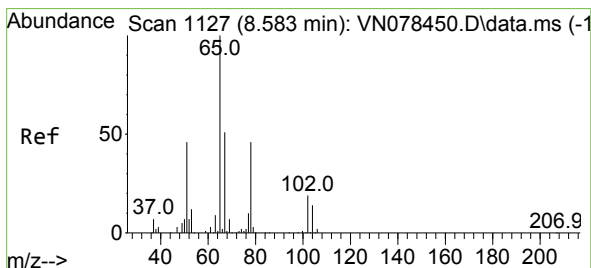
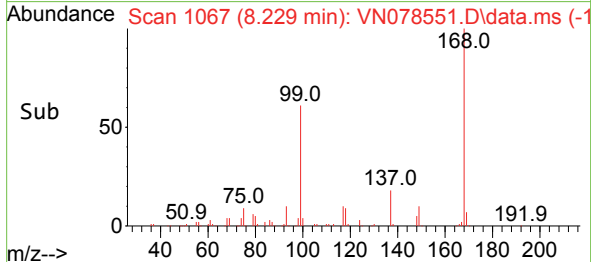
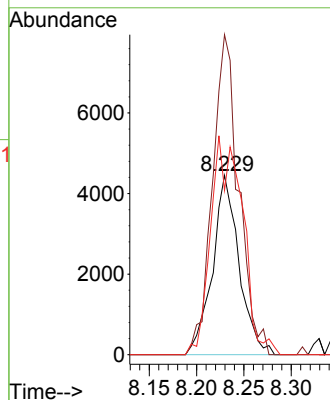
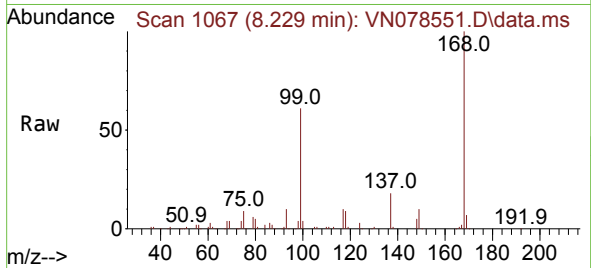




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

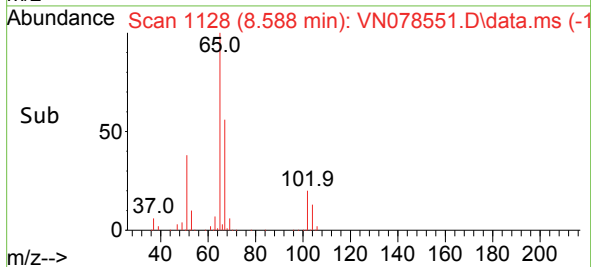
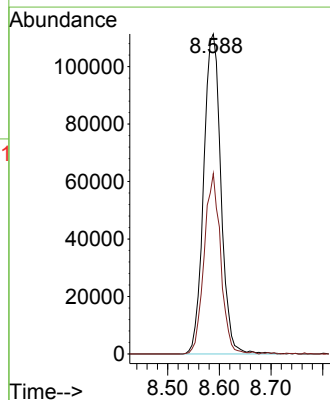
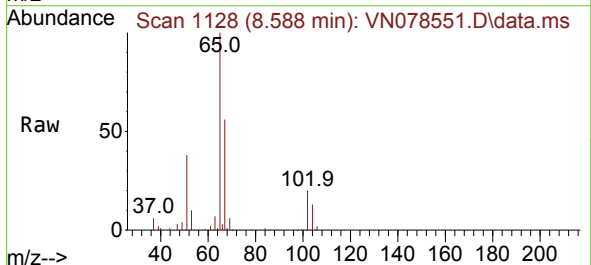
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

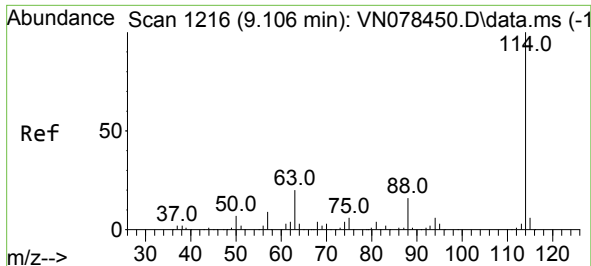
Tgt Ion: 56 Resp: 8654
Ion Ratio Lower Upper
56 100
69 178.4 26.8 40.2#
84 91.7 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 47.340 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion: 65 Resp: 258263
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078551.D

Acq: 18 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0718MBL01

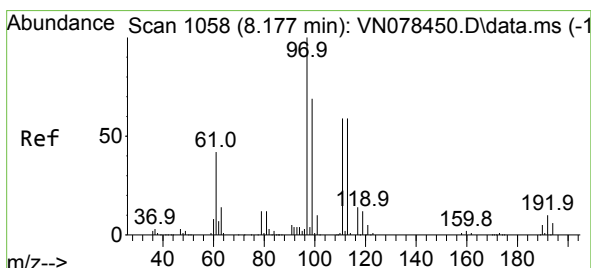
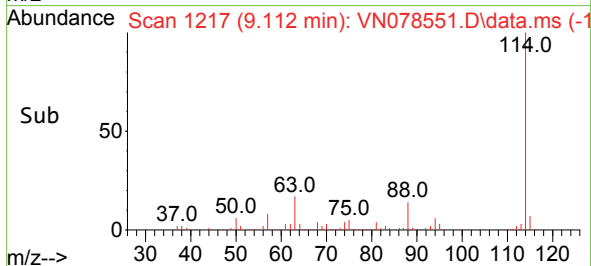
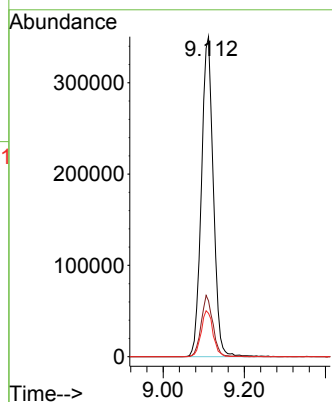
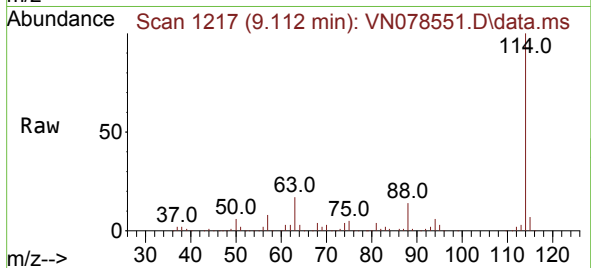
Tgt Ion:114 Resp: 714817

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.753 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078551.D

Acq: 18 Jul 2023 11:03

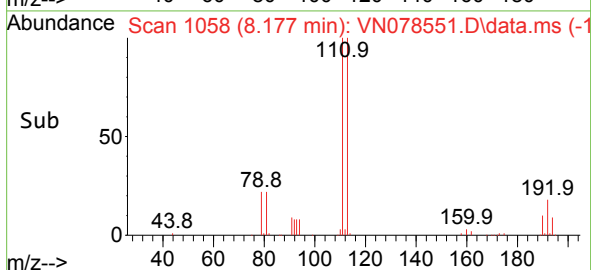
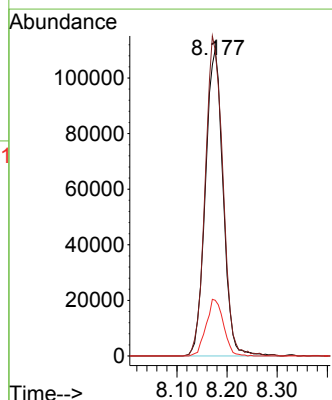
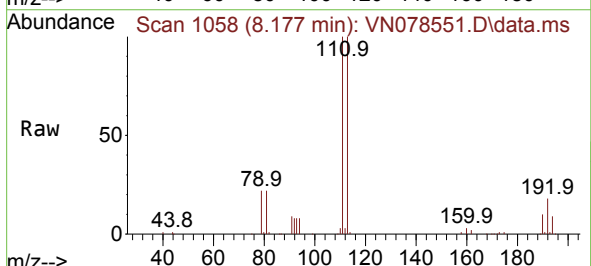
Tgt Ion:113 Resp: 270537

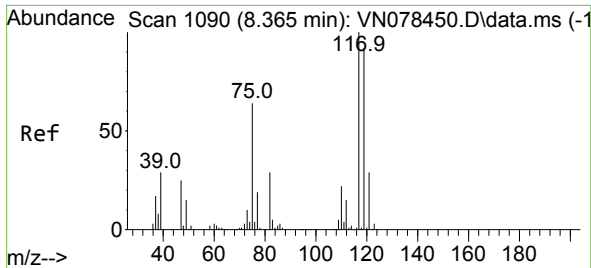
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 18.2 12.7 19.1

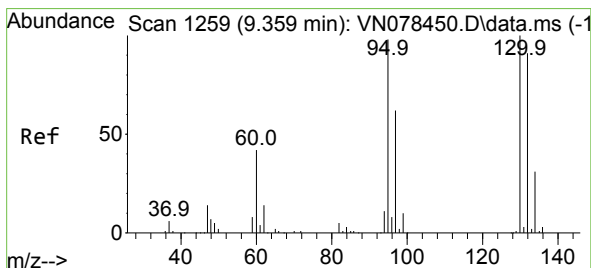
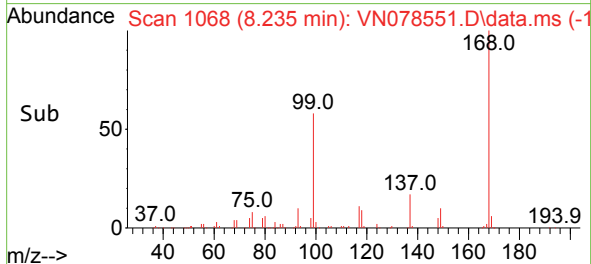
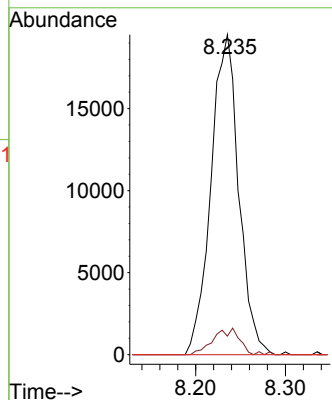
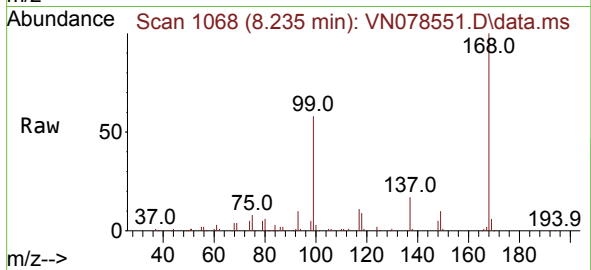




#38
Carbon Tetrachloride
Concen: 5.503 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.130 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

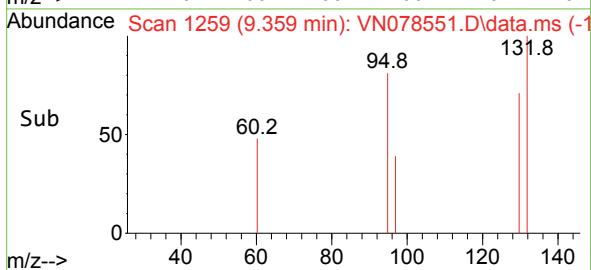
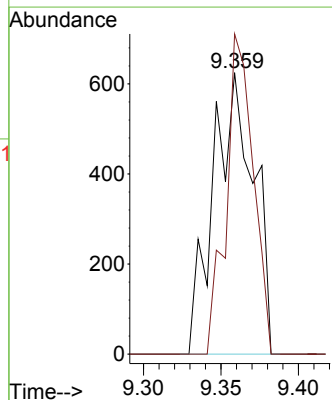
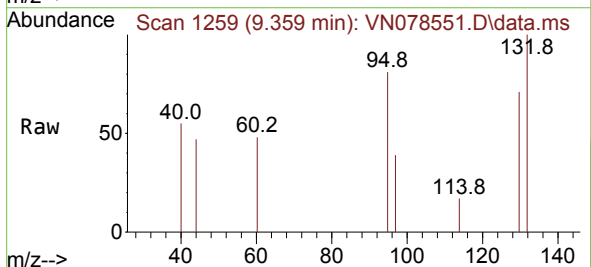
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

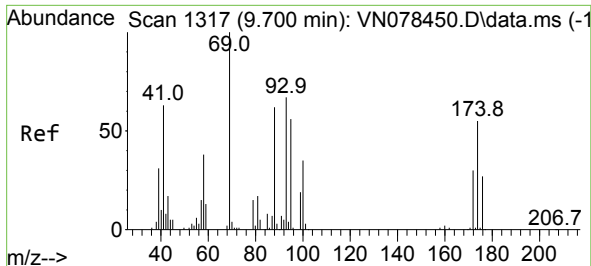
Tgt Ion:117 Resp: 41903
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 23.3 34.9#



#44
Trichloroethene
Concen: 0.203 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion:130 Resp: 1133
Ion Ratio Lower Upper
130 100
95 113.8 0.0 204.6





#49

1,4-Dioxane

Concen: 2.831 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078551.D

Acq: 18 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0718MBL01

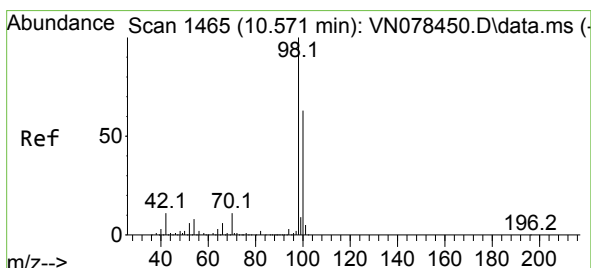
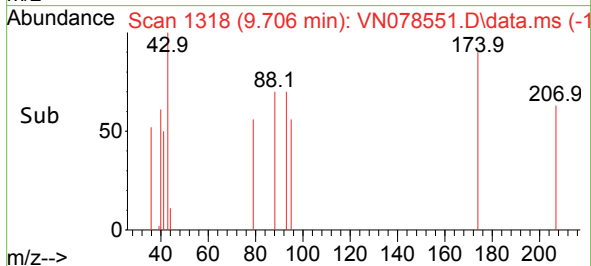
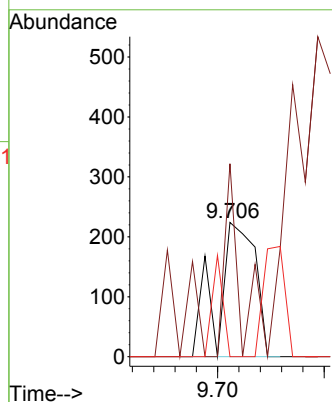
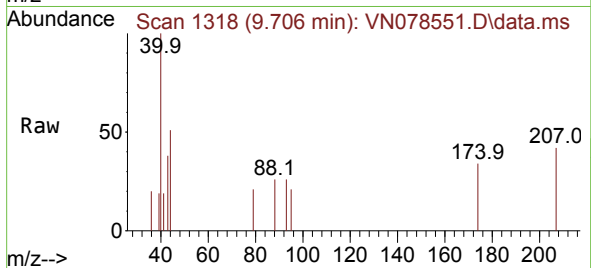
Tgt Ion: 88 Resp: 275

Ion Ratio Lower Upper

88 100

43 61.1 17.0 25.6#

58 21.8 47.0 70.4#



#50

Toluene-d8

Concen: 44.633 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078551.D

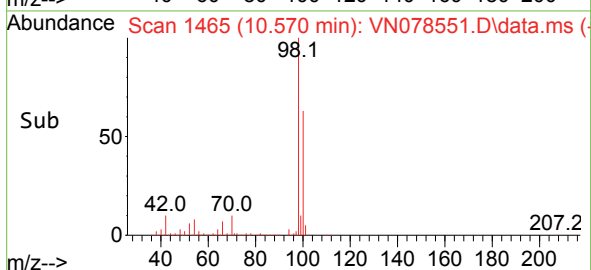
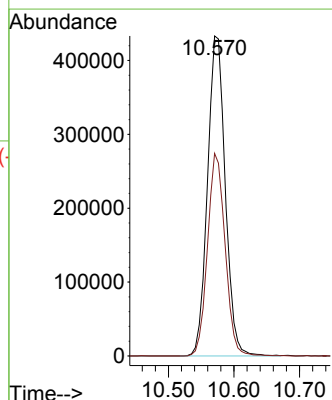
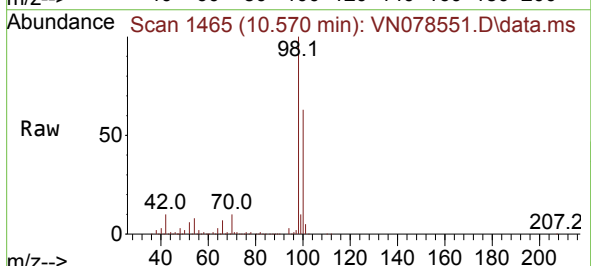
Acq: 18 Jul 2023 11:03

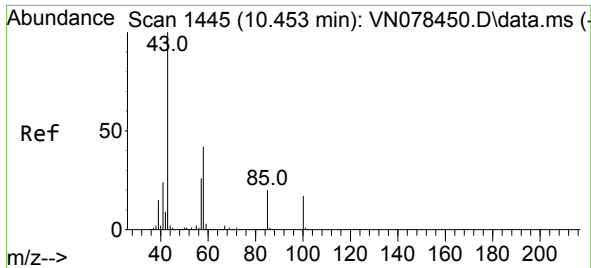
Tgt Ion: 98 Resp: 818157

Ion Ratio Lower Upper

98 100

100 62.5 52.0 78.0

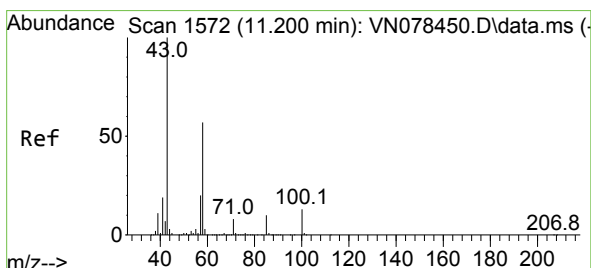
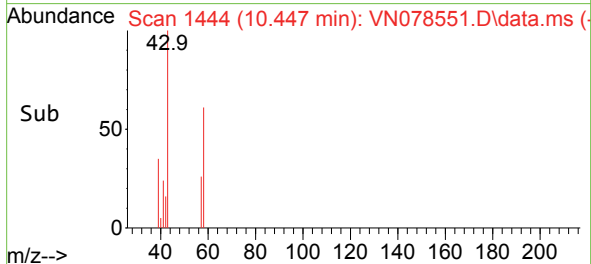
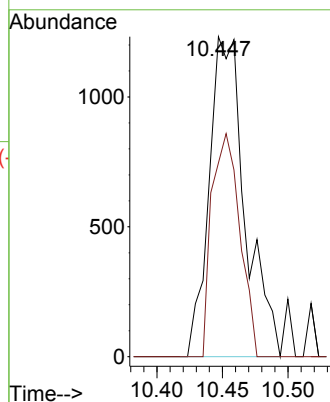
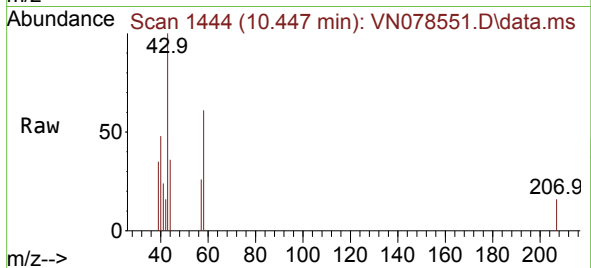




#51
4-Methyl-2-Pentanone
Concen: 0.412 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

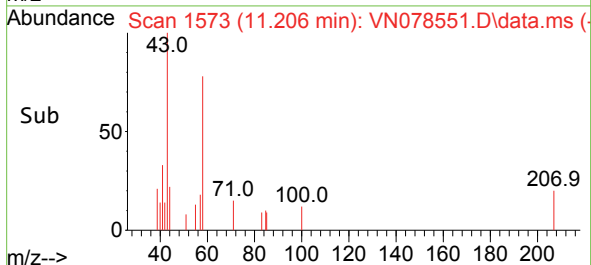
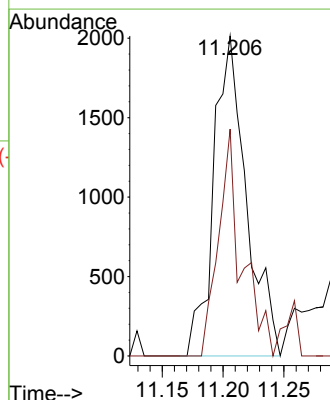
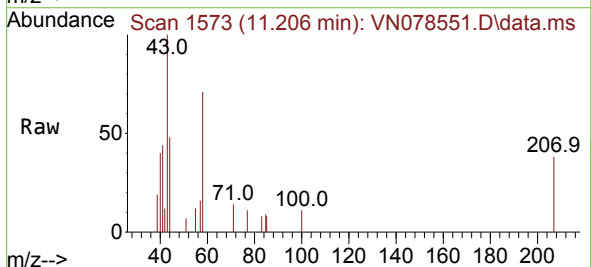
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

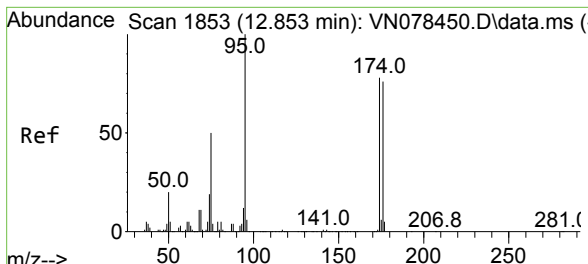
Tgt Ion: 43 Resp: 2354
Ion Ratio Lower Upper
43 100
58 54.2 36.6 54.8



#59
2-Hexanone
Concen: 0.929 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion: 43 Resp: 3776
Ion Ratio Lower Upper
43 100
58 50.2 31.7 95.1

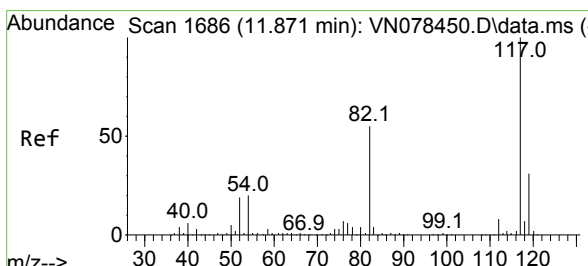
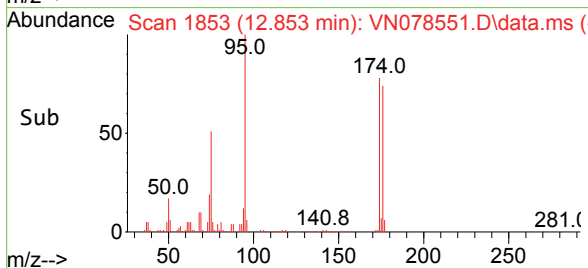
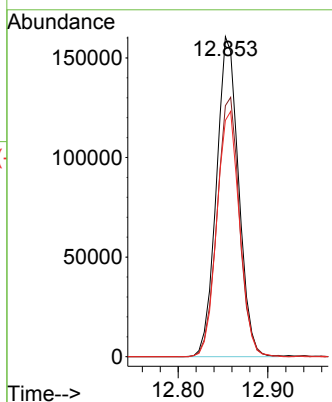
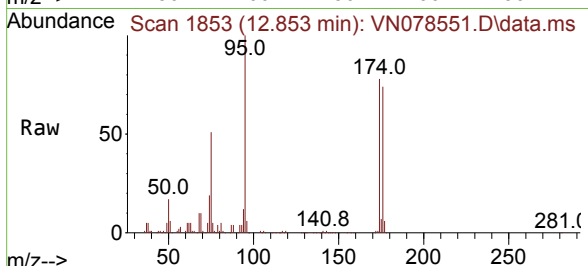




#62
4-Bromofluorobenzene
Concen: 48.909 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

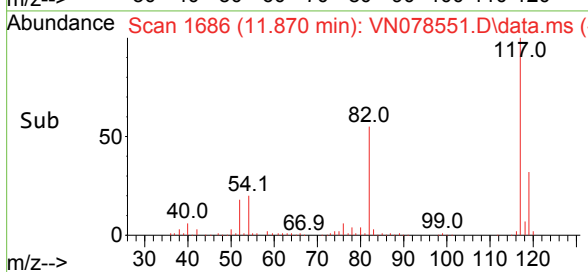
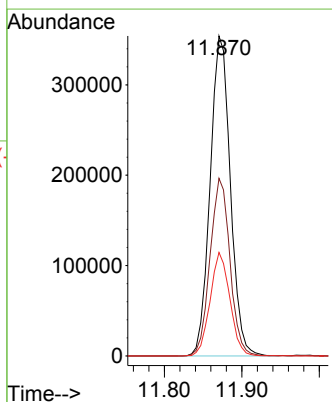
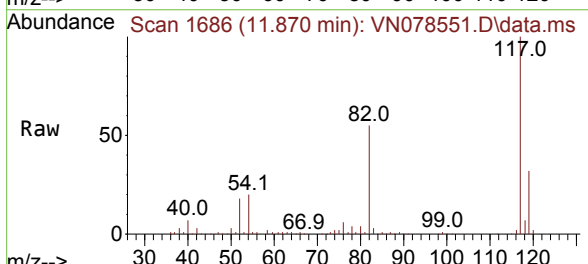
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

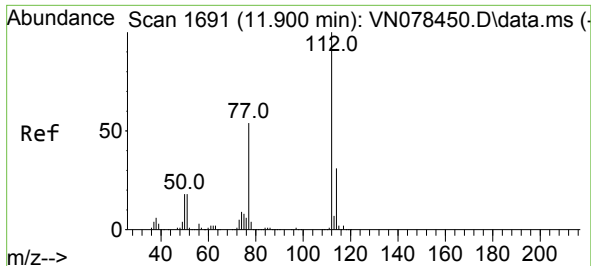
Tgt Ion:	95	Resp:	276153
Ion Ratio	Lower	Upper	
95	100		
174	81.8	0.0	143.8
176	78.5	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion:	117	Resp:	641541
Ion Ratio	Lower	Upper	
117	100		
82	55.5	44.0	66.0
119	32.3	25.6	38.4

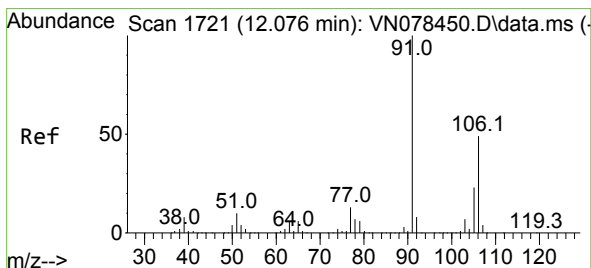
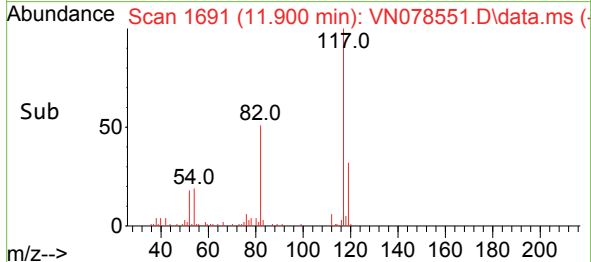
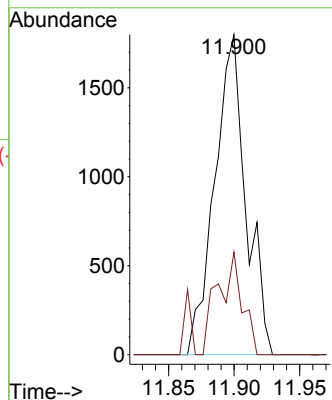
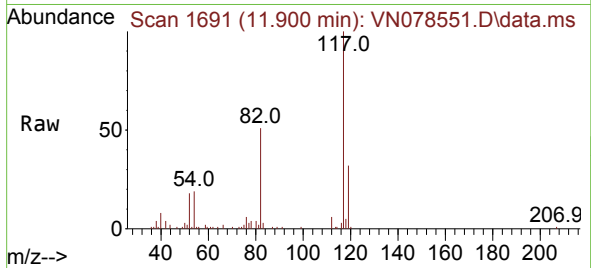




#65
Chlorobenzene
Concen: 0.208 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

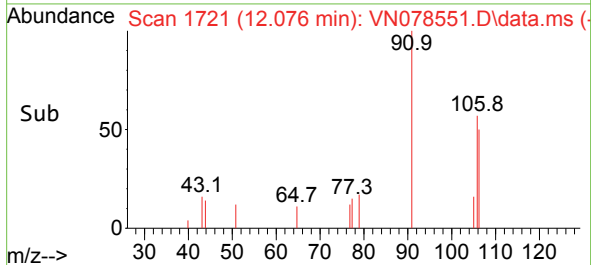
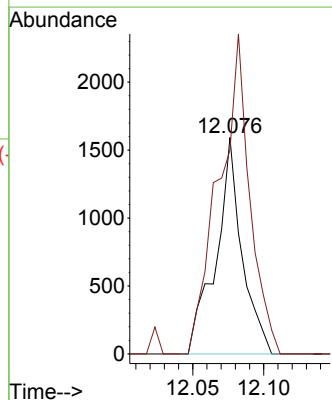
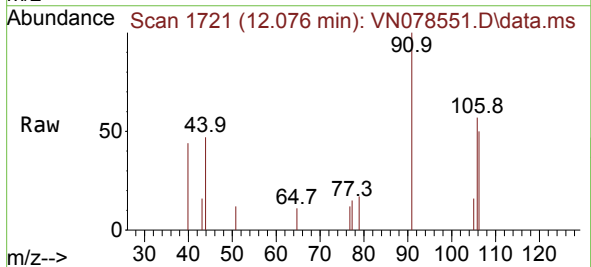
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

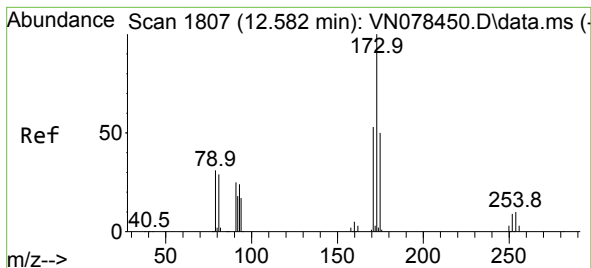
Tgt Ion:112 Resp: 2984
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#68
m/p-Xylenes
Concen: 0.226 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion:106 Resp: 2024
Ion Ratio Lower Upper
106 100
91 175.4 159.6 239.4





#71

Bromoform

Concen: 0.227 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078551.D

Acq: 18 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0718MBL01

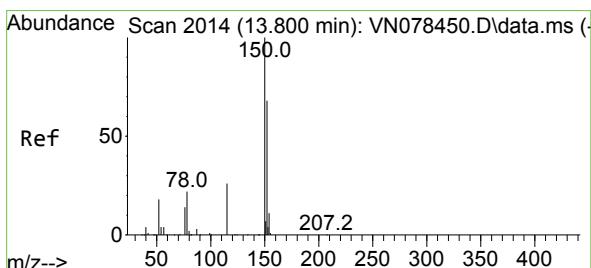
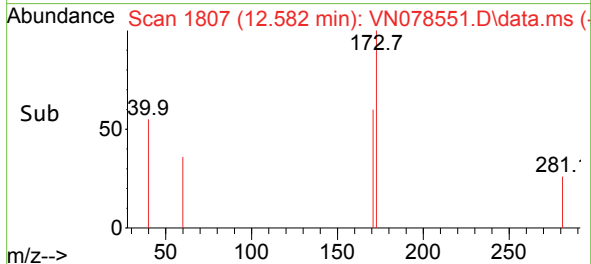
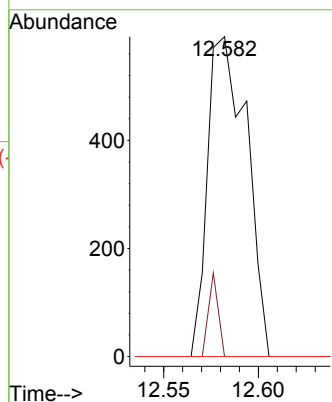
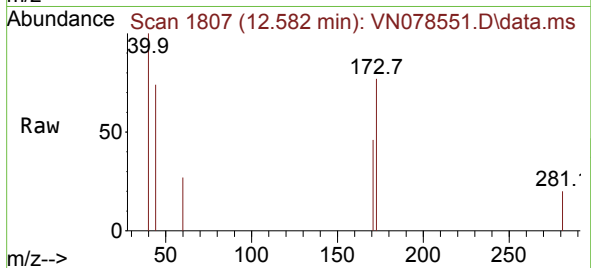
Tgt Ion:173 Resp: 849

Ion Ratio Lower Upper

173 100

175 0.0 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: VN078551.D

Acq: 18 Jul 2023 11:03

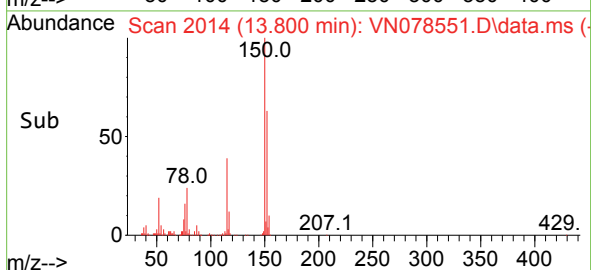
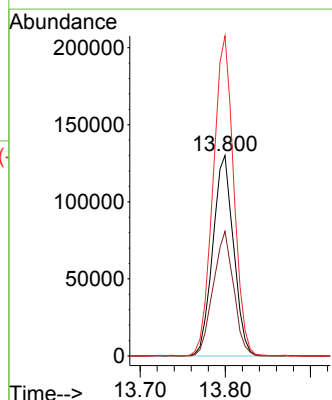
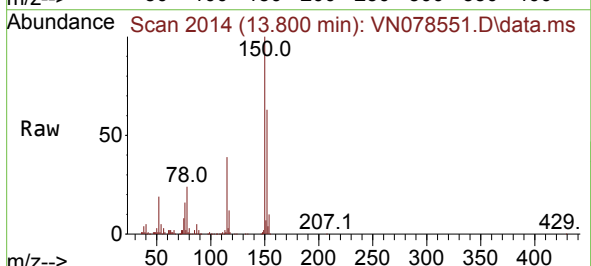
Tgt Ion:152 Resp: 220434

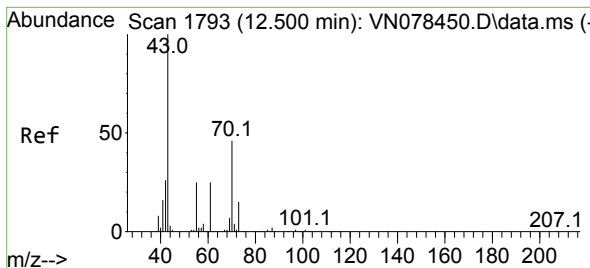
Ion Ratio Lower Upper

152 100

115 61.3 32.3 96.8

150 158.7 0.0 355.8





#74

N-amy1 acetate

Concen: 0.282 ug/l

RT: 12.494 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078551.D

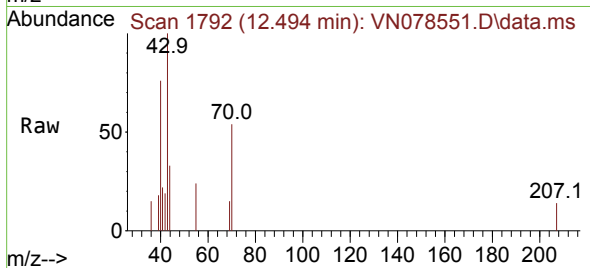
Acq: 18 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0718MBL01



Tgt Ion: 43 Resp: 2010

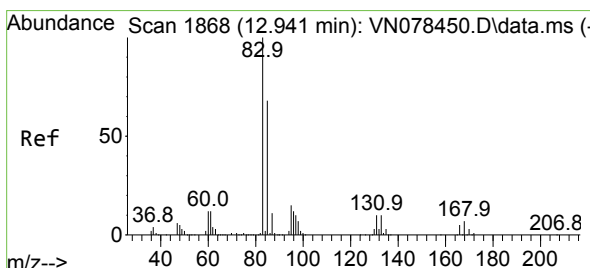
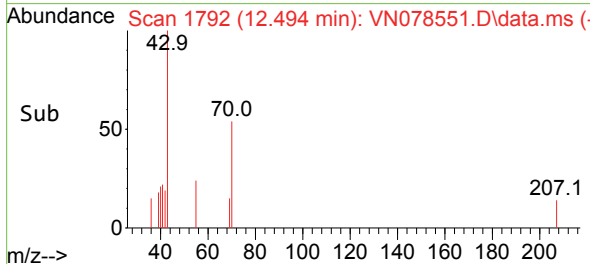
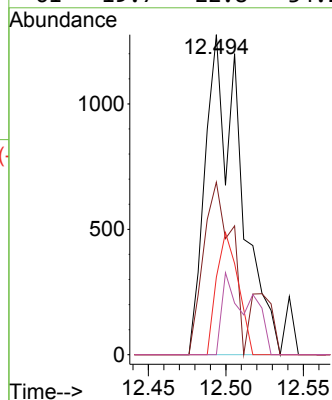
Ion Ratio Lower Upper

43 100

70 42.9 43.4 65.2#

55 23.5 21.4 32.0

61 19.7 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: VN078551.D

Acq: 18 Jul 2023 11:03

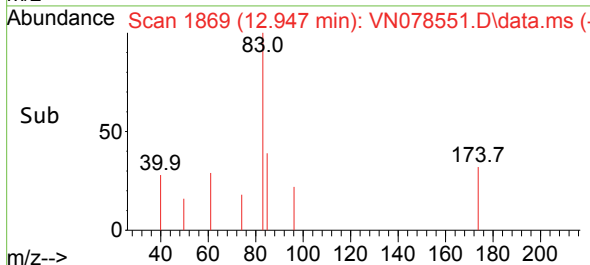
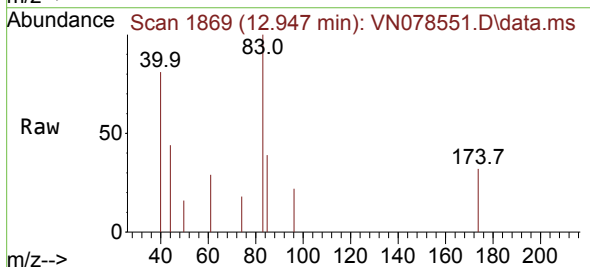
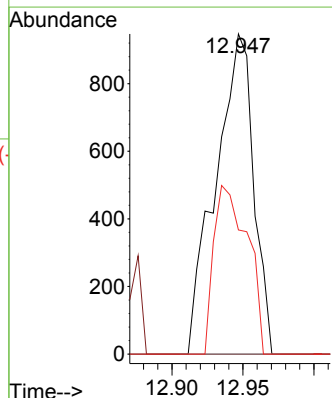
Tgt Ion: 83 Resp: 1759

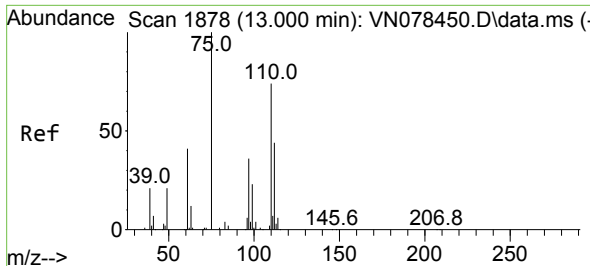
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 46.7 31.9 95.7

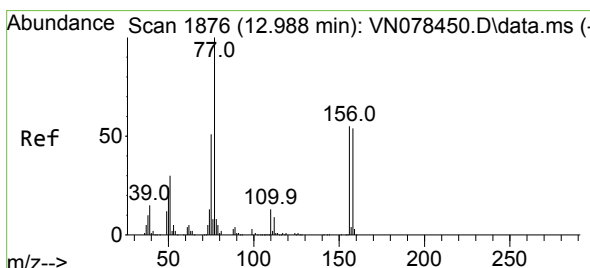
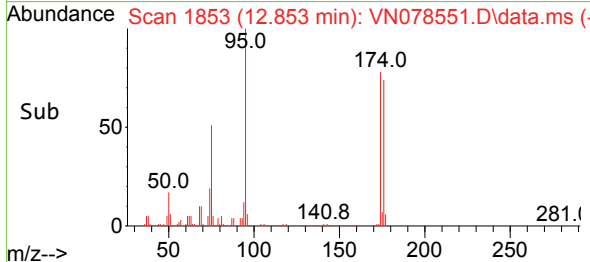
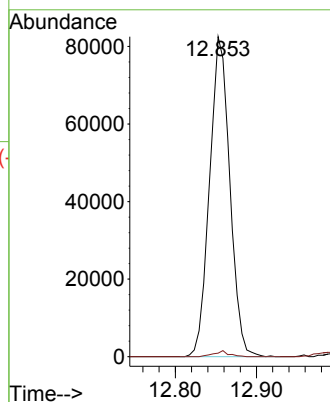
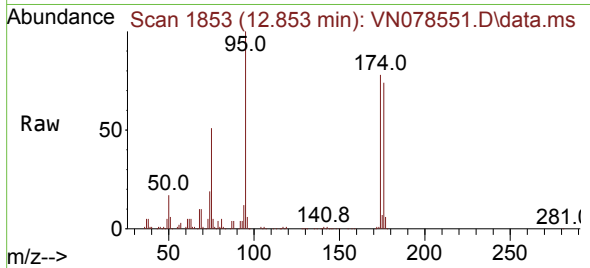




#76
1,2,3-Trichloropropane
Concen: 26.855 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

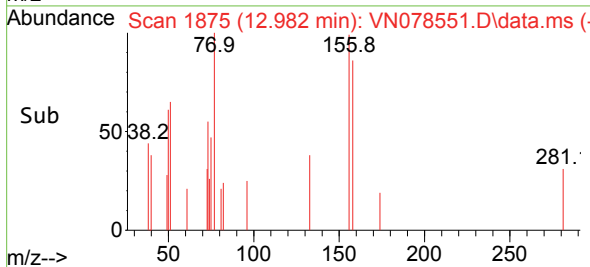
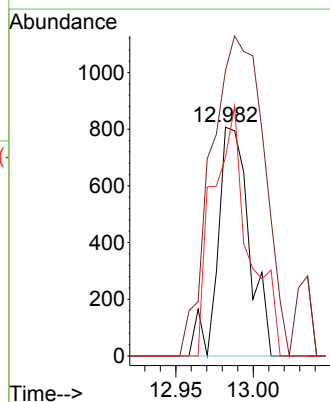
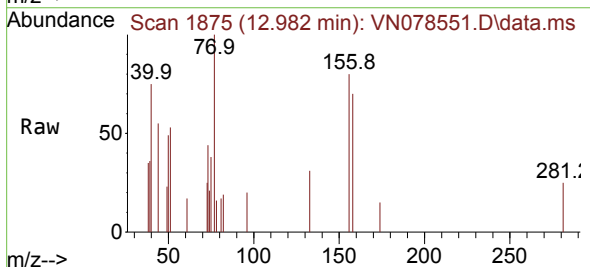
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

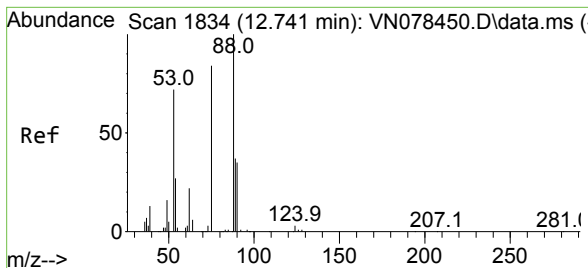
Tgt Ion: 75 Resp: 143089
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion:156 Resp: 1131
Ion Ratio Lower Upper
156 100
77 236.3 107.7 323.3
158 126.5 48.4 145.3

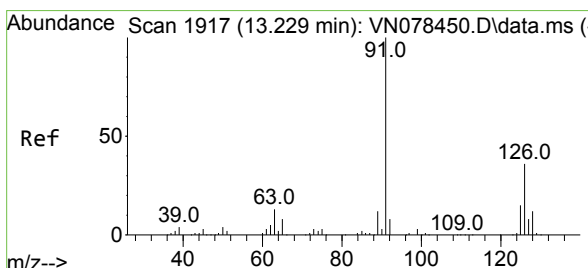
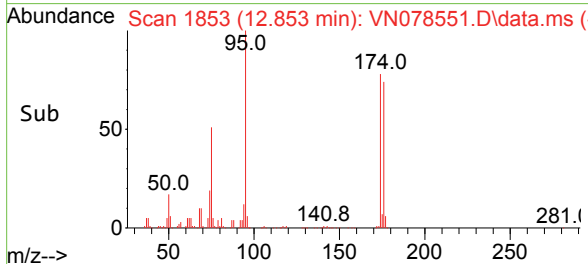
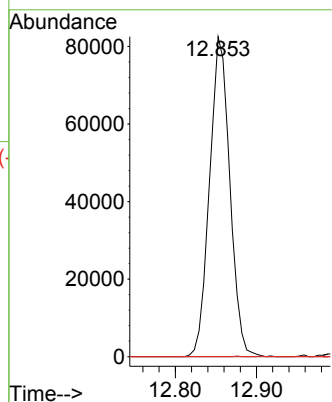
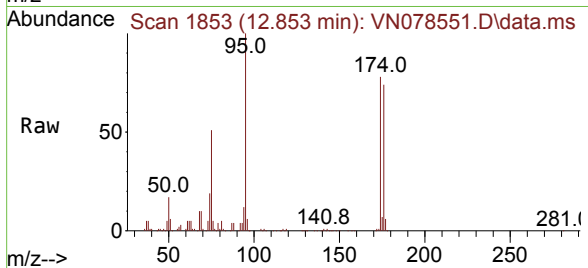




#81
trans-1,4-Dichloro-2-butene
Concen: 70.571 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

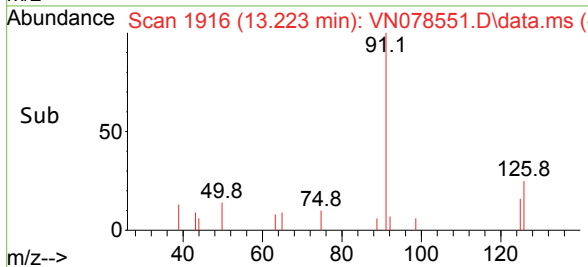
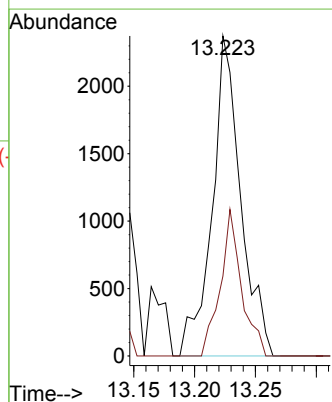
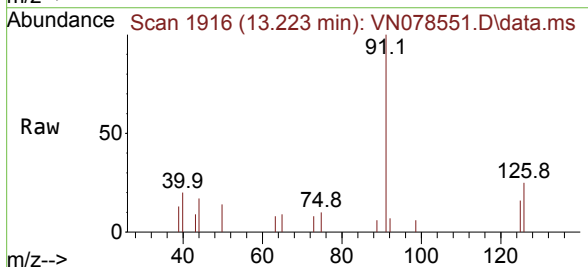
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

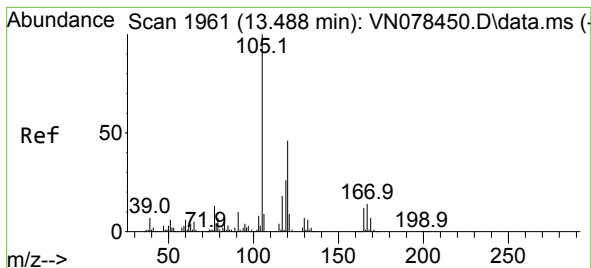
Tgt Ion: 75 Resp: 143089
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.287 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion: 91 Resp: 3884
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





#84

1,2,4-Trimethylbenzene

Concen: 0.240 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN078551.D

Acq: 18 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

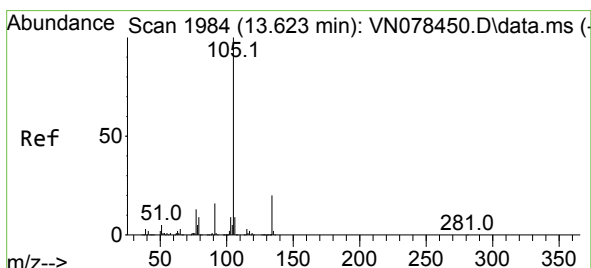
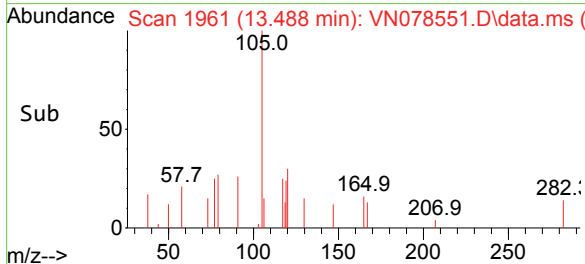
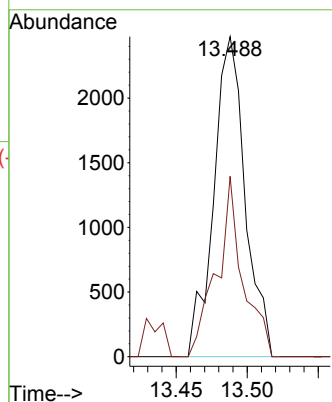
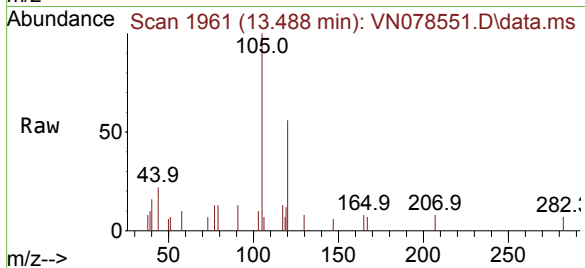
VN0718MBL01

Tgt Ion:105 Resp: 3813

Ion Ratio Lower Upper

105 100

120 46.8 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.269 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN078551.D

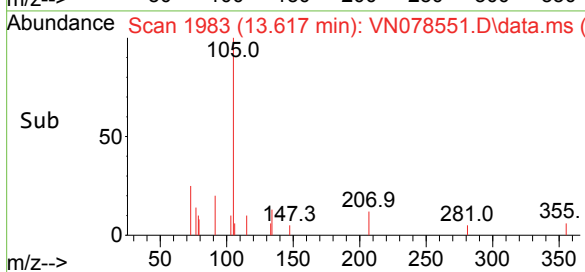
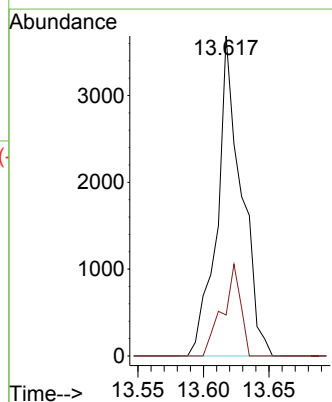
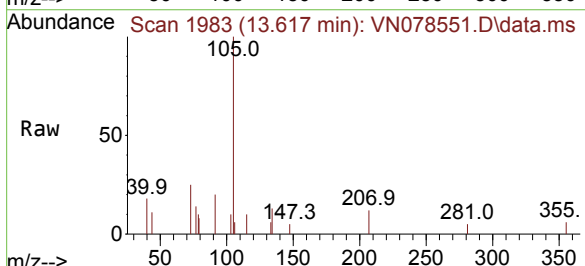
Acq: 18 Jul 2023 11:03

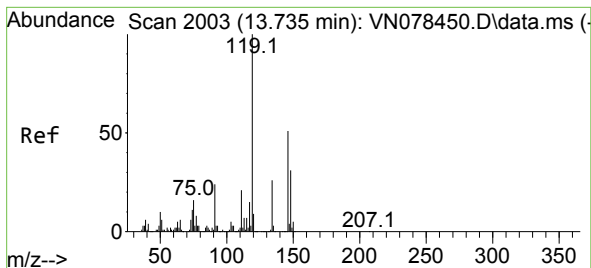
Tgt Ion:105 Resp: 4730

Ion Ratio Lower Upper

105 100

134 21.2 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.318 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078551.D

Acq: 18 Jul 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0718MBL01

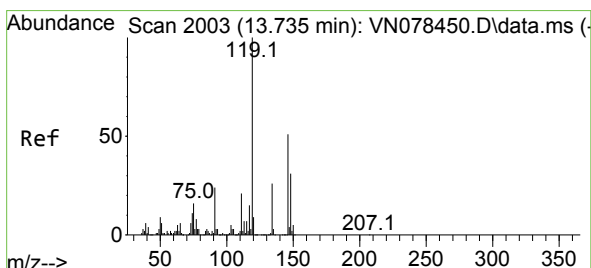
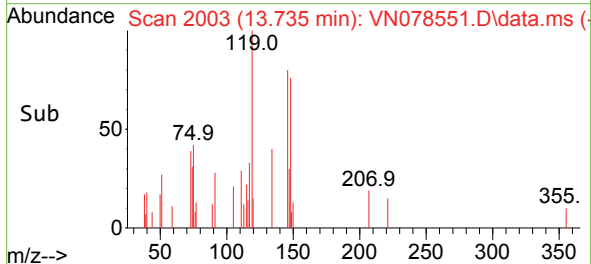
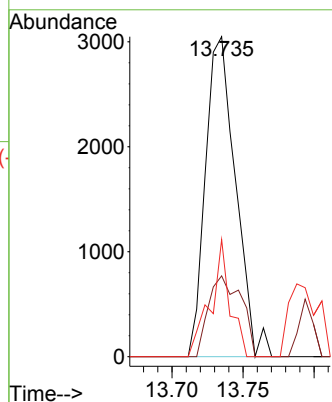
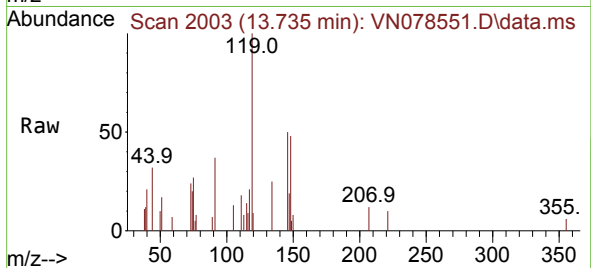
Tgt Ion:119 Resp: 4491

Ion Ratio Lower Upper

119 100

134 27.4 12.6 37.8

91 23.7 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 0.359 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN078551.D

Acq: 18 Jul 2023 11:03

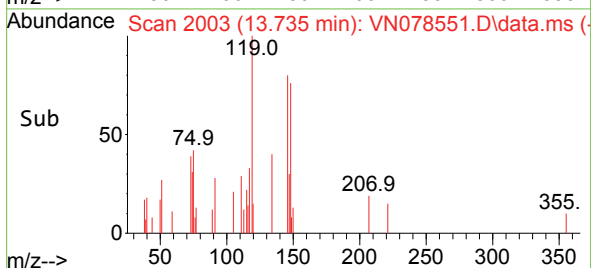
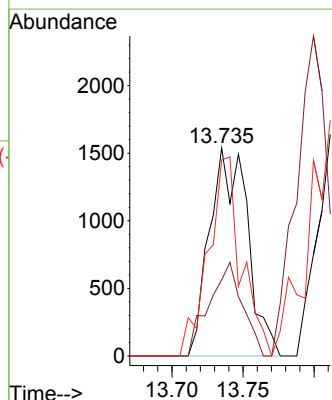
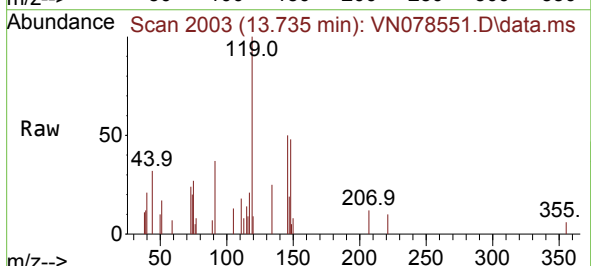
Tgt Ion:146 Resp: 2857

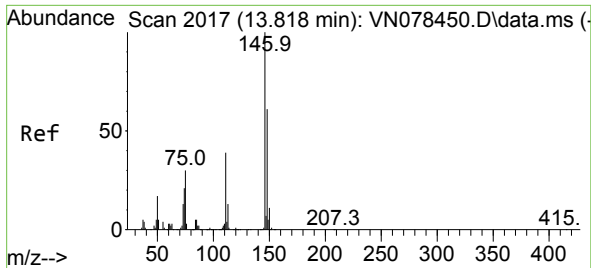
Ion Ratio Lower Upper

146 100

111 39.7 22.1 66.3

148 82.8 32.0 96.0

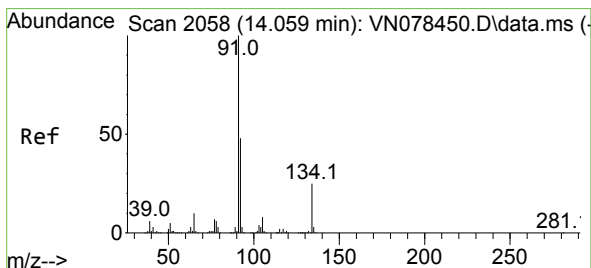
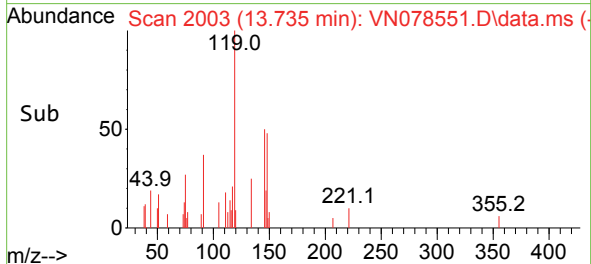
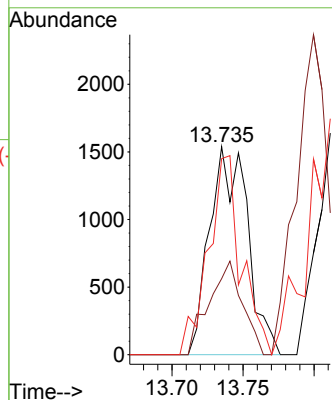
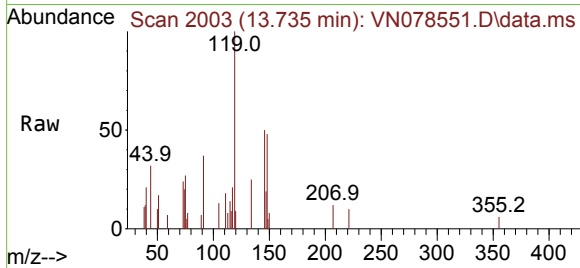




#88
1,4-Dichlorobenzene
Concen: 0.357 ug/l
RT: 13.735 min Scan# 2017
Delta R.T. -0.083 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

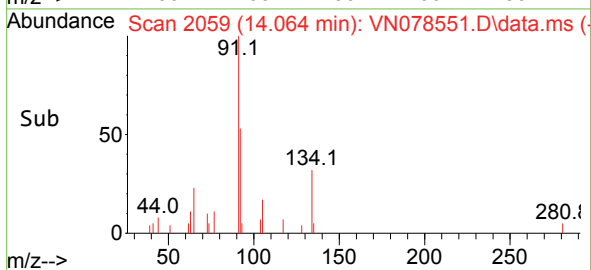
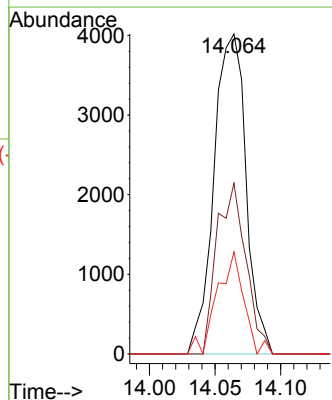
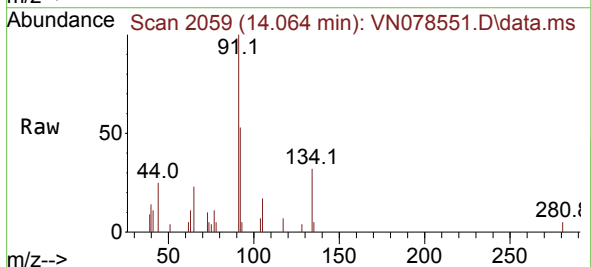
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

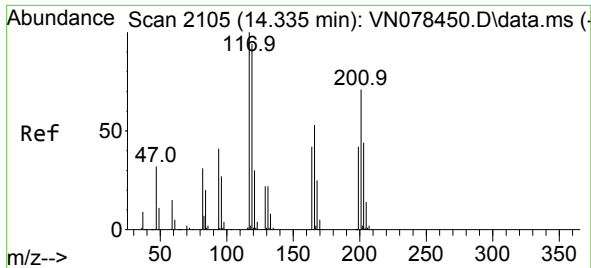
Tgt Ion:146 Resp: 2857
Ion Ratio Lower Upper
146 100
111 39.7 20.6 61.8
148 82.8 31.6 94.8



#89
n-Butylbenzene
Concen: 0.677 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion: 91 Resp: 6832
Ion Ratio Lower Upper
91 100
92 48.3 26.4 79.0
134 26.5 12.6 37.6

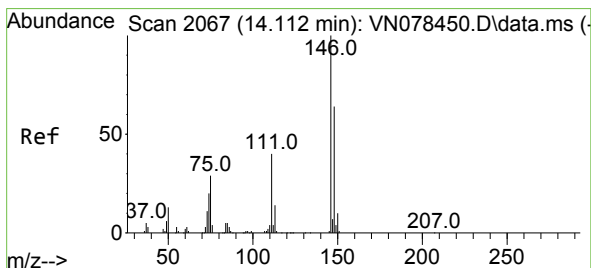
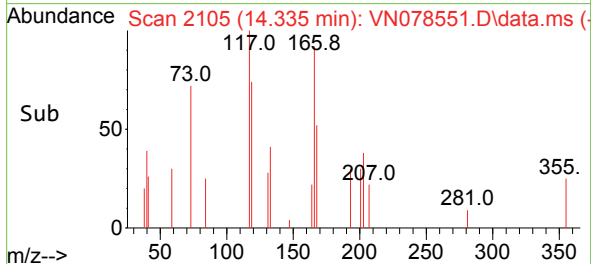
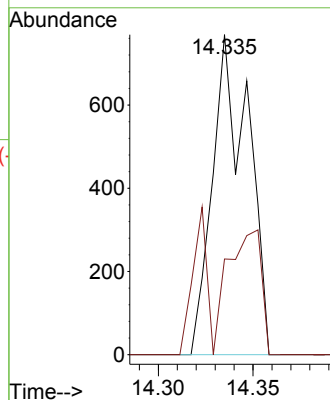
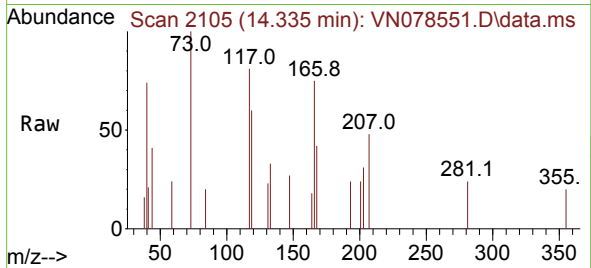




#90
Hexachloroethane
Concen: Below Cal
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

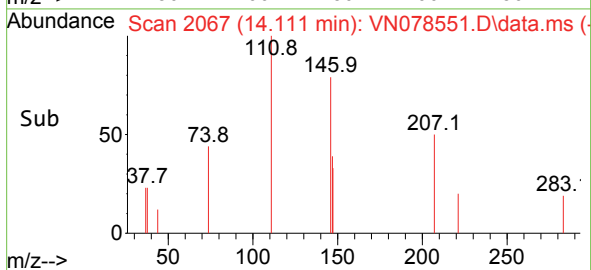
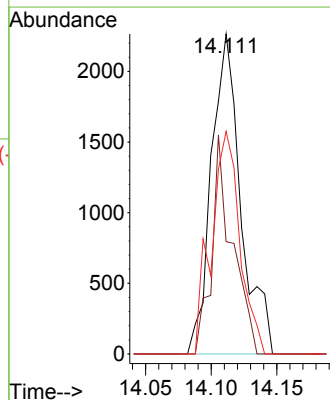
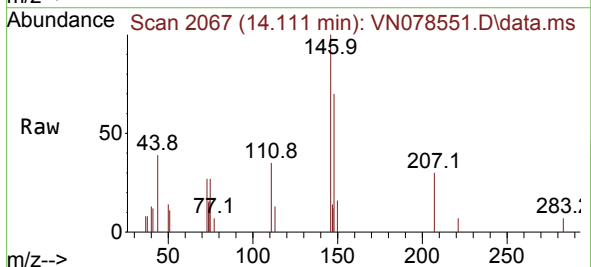
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

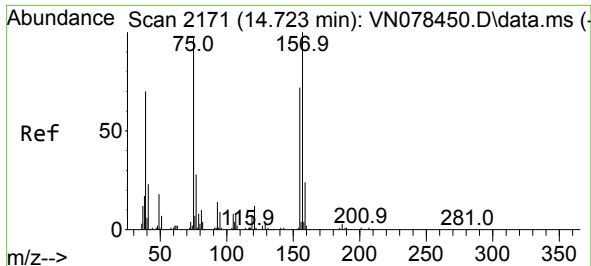
Tgt Ion:117 Resp: 1003
Ion Ratio Lower Upper
117 100
201 18.3 29.3 88.0#



#91
1,2-Dichlorobenzene
Concen: 0.447 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion:146 Resp: 3538
Ion Ratio Lower Upper
146 100
111 47.3 22.0 66.0
148 67.2 31.8 95.3

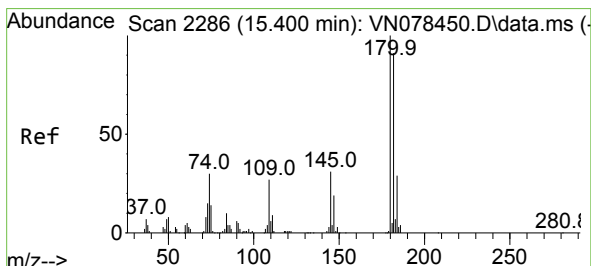
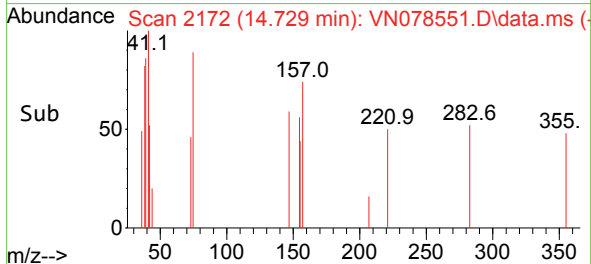
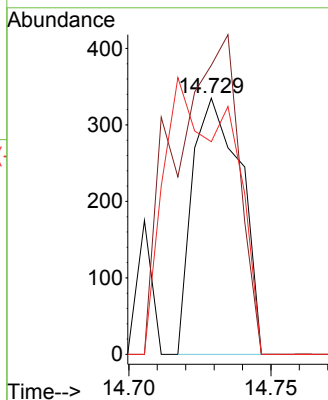
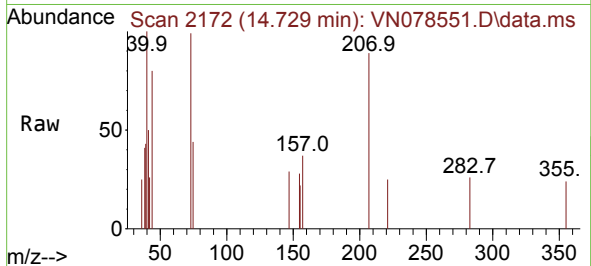




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

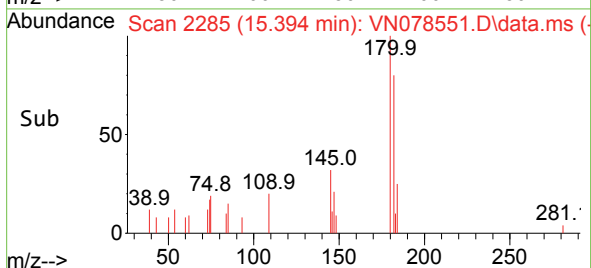
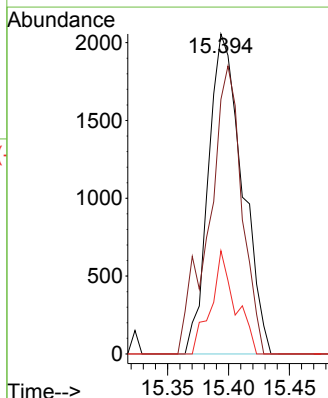
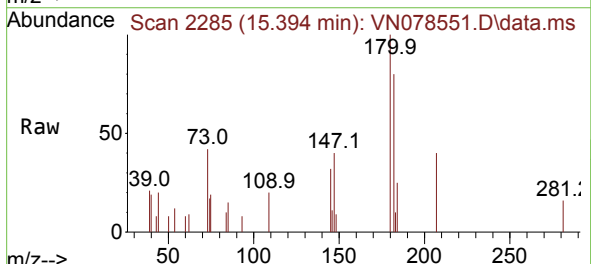
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

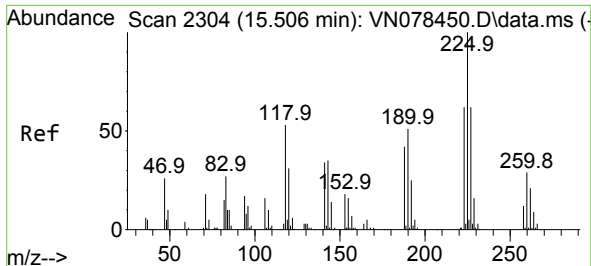
Tgt Ion: 75 Resp: 395
Ion Ratio Lower Upper
75 100
155 165.6 39.1 117.2#
157 150.6 50.3 150.9



#93
1,2,4-Trichlorobenzene
Concen: 1.577 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

Tgt Ion: 180 Resp: 3984
Ion Ratio Lower Upper
180 100
182 87.1 46.1 138.2
145 23.2 16.6 49.8

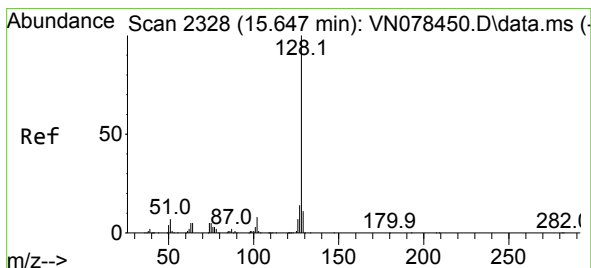
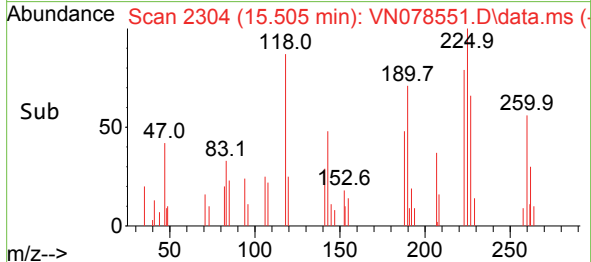
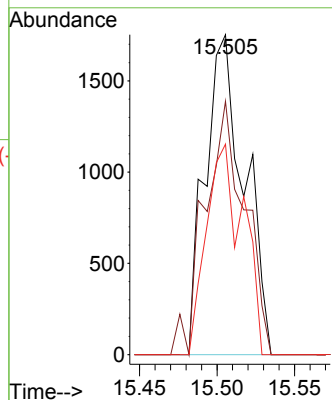
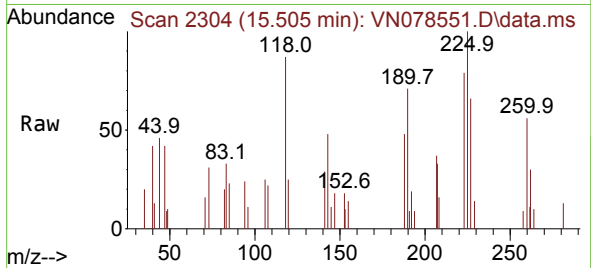




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.505 min Scan# 211
Delta R.T. -0.001 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

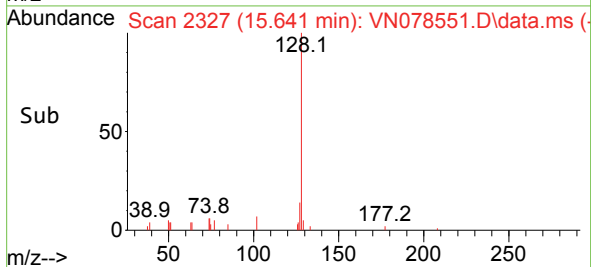
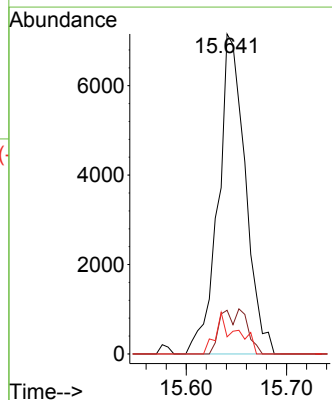
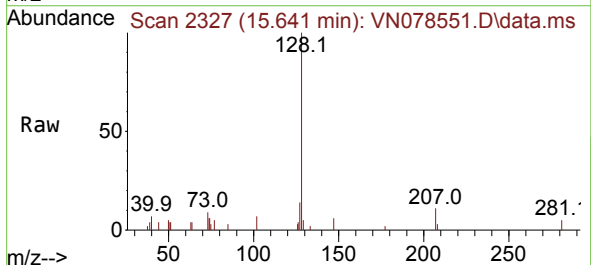
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

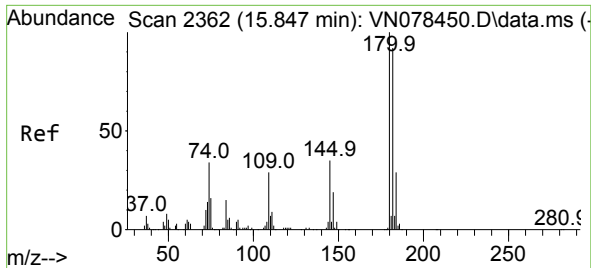
Tgt Ion:225 Resp: 3075
Ion Ratio Lower Upper
225 100
223 80.7 31.3 93.8
227 61.7 31.9 95.9



#95
Naphthalene
Concen: 1.549 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN078551.D
Acq: 18 Jul 2023 11:03

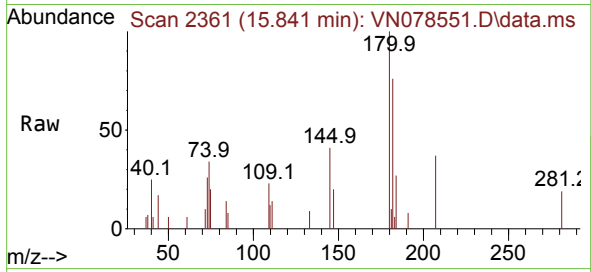
Tgt Ion:128 Resp: 13375
Ion Ratio Lower Upper
128 100
127 7.3 10.0 15.0#
129 10.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.660 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078551.D
 Acq: 18 Jul 2023 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718MBL01



Tgt Ion:	180	Resp:	4820
Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.2	138.6
145	31.2	17.5	52.6

