

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062423\
 Data File : VN078391.D
 Acq On : 24 Jun 2023 13:49
 Operator : JC\MD
 Sample : PB153747TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153747TB

Quant Time: Jun 26 01:48:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	430854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	796292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	748678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	234778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	294527	51.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.540%			
35) Dibromofluoromethane	8.177	113	277866	55.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.380%			
50) Toluene-d8	10.571	98	956939	49.302	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.600%			
62) 4-Bromofluorobenzene	12.853	95	308567	51.138	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.280%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1368	Below Cal	#	87
5) Bromomethane	2.983	94	2576	0.534	ug/l #	63
10) Methyl Iodide	4.606	142	2133	0.330	ug/l #	91
11) Tert butyl alcohol	5.524	59	1013	1.277	ug/l #	72
13) Acrolein	4.183	56	387	0.443	ug/l #	78
15) Acrylonitrile	5.742	53	631	0.309	ug/l #	51
16) Acetone	4.448	43	76802	46.448	ug/l	99
18) Methyl Acetate	5.042	43	4661	0.612	ug/l #	62
20) Methylene Chloride	5.289	84	26620	4.872	ug/l #	89
25) 2-Butanone	7.500	43	20752	8.161	ug/l #	69
29) Tetrahydrofuran	7.859	42	870	0.512	ug/l #	46
31) Cyclohexane	8.230	56	10186	1.382	ug/l #	21
36) 1,1-Dichloropropene	8.230	75	35403	4.902	ug/l #	48
37) Ethyl Acetate	7.571	43	60333	10.694	ug/l #	96
38) Carbon Tetrachloride	8.236	117	47917	6.284	ug/l #	14
42) 1,2-Dichloroethane	8.700	62	2688	0.364	ug/l #	73
43) Isopropyl Acetate	8.694	43	276164	25.595	ug/l #	85
48) Methyl methacrylate	9.671	41	6734	1.487	ug/l #	36
49) 1,4-Dioxane	9.712	88	175	1.839	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	160430	28.236	ug/l	89
54) cis-1,3-Dichloropropene	10.365	75	114406	13.540	ug/l #	69
57) 1,3-Dichloropropane	11.206	76	13655	1.571	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.165	63	2081	0.687	ug/l	97
59) 2-Hexanone	11.177	43	259254	65.533	ug/l #	19
65) Chlorobenzene	11.906	112	4442	0.277	ug/l	100
68) m/p-Xylenes	12.076	106	2173	0.206	ug/l	92
74) N-amyl acetate	12.494	43	4596	0.629	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.941	83	906	Below Cal	#	68
76) 1,2,3-Trichloropropane	12.853	75	162006	29.189	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	162006	89.678	ug/l #	15
86) p-Isopropyltoluene	13.735	119	3689	0.222	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	2234	0.256	ug/l	79
88) 1,4-Dichlorobenzene	13.741	146	2234	0.266	ug/l	81
89) n-Butylbenzene	14.065	91	5758	0.440	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	2035	0.239	ug/l	98
93) 1,2,4-Trichlorobenzene	15.406	180	1858	0.612	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

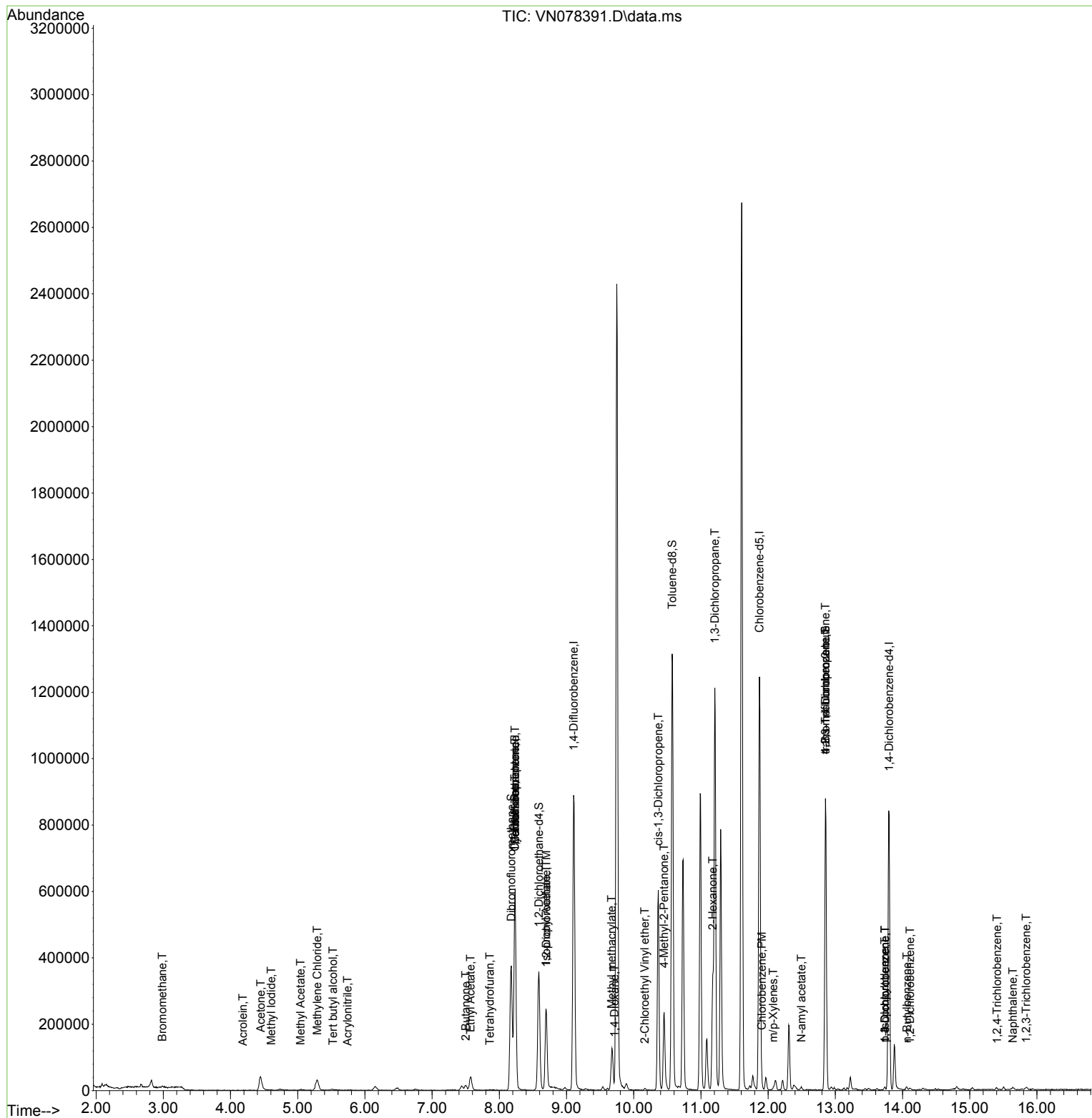
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	15.506	225	1575	Below Cal	82
95) Naphthalene	15.641	128	5796	0.568 ug/l #	91
96) 1,2,3-Trichlorobenzene	15.841	180	2717	0.800 ug/l	97

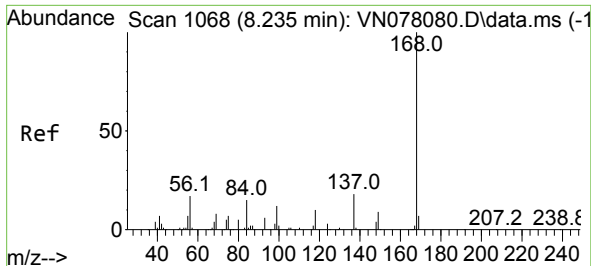
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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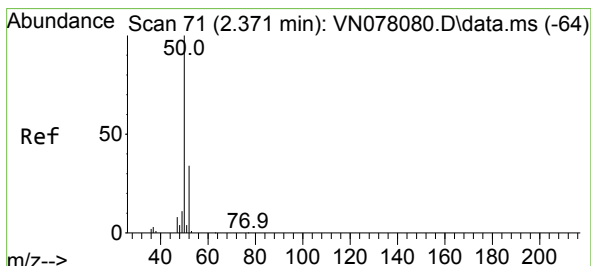
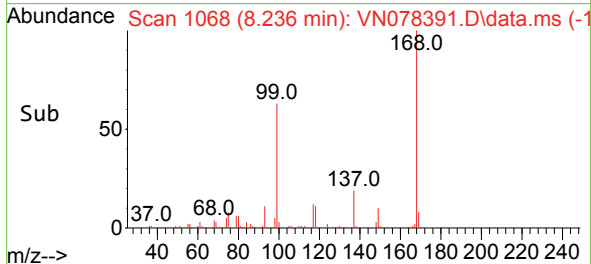
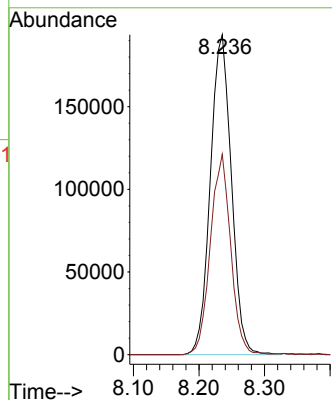
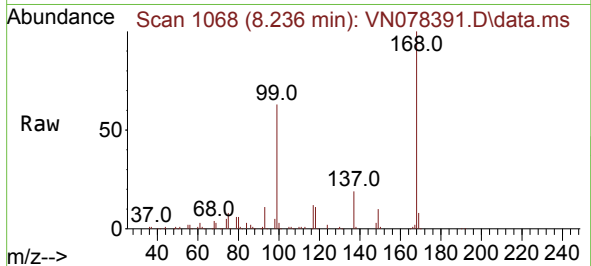




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN078391.D
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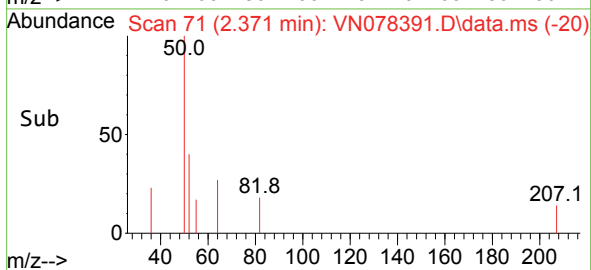
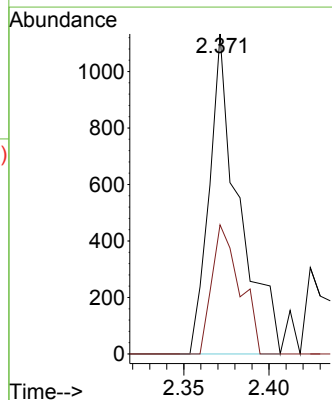
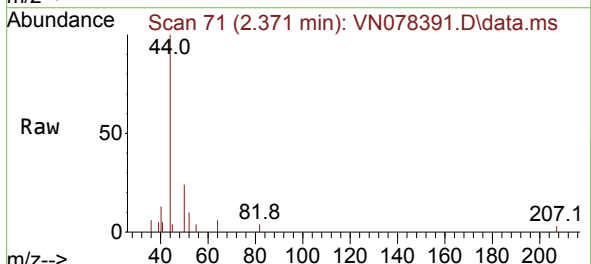
Instrument :
MSVOA_N
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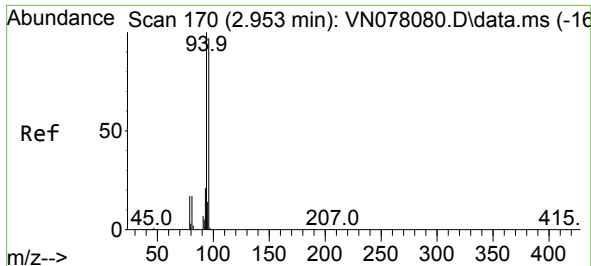
Tgt Ion:168 Resp: 430854
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 50 Resp: 1368
Ion Ratio Lower Upper
50 100
52 40.3 26.5 39.7#

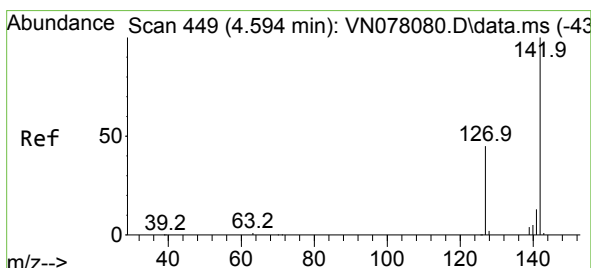
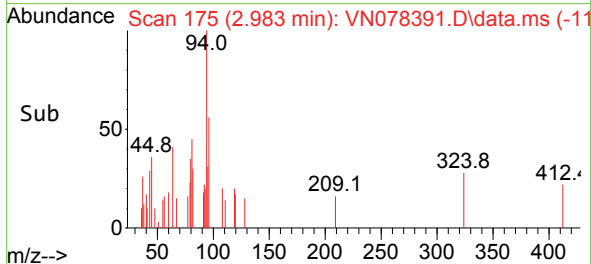
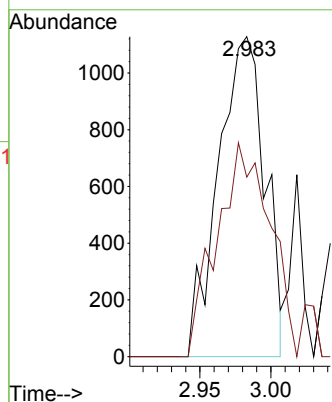
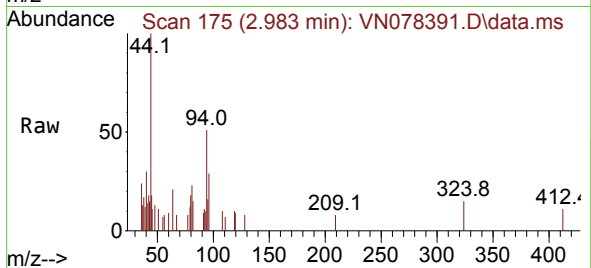




#5
Bromomethane
Concen: 0.534 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

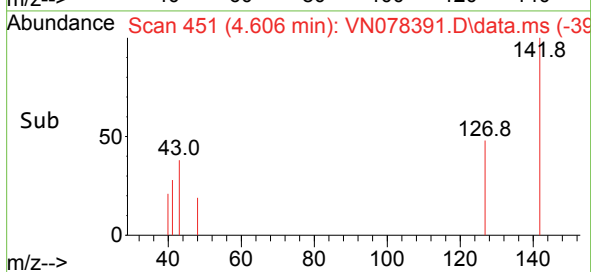
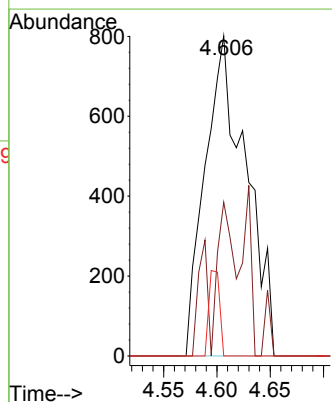
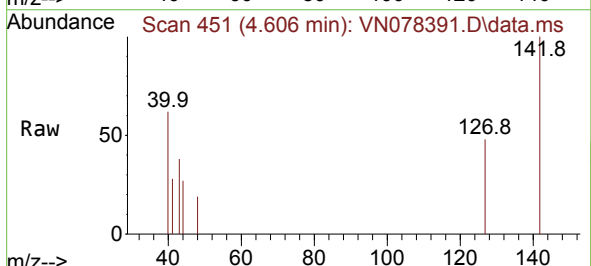
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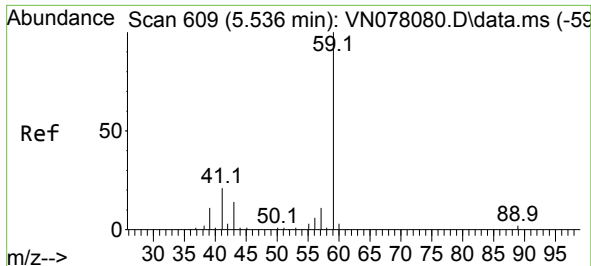
Tgt Ion: 94 Resp: 2576
Ion Ratio Lower Upper
94 100
96 56.1 73.1 109.7#



#10
Methyl Iodide
Concen: 0.330 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.012 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 142 Resp: 2133
Ion Ratio Lower Upper
142 100
127 48.1 37.6 56.4
141 0.0 11.4 17.0#

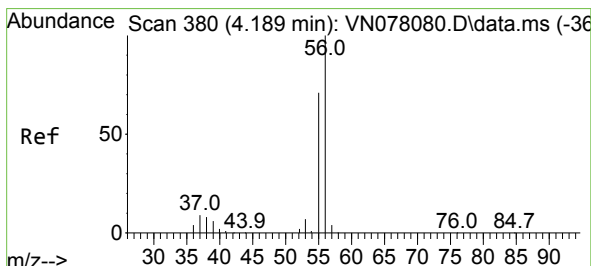
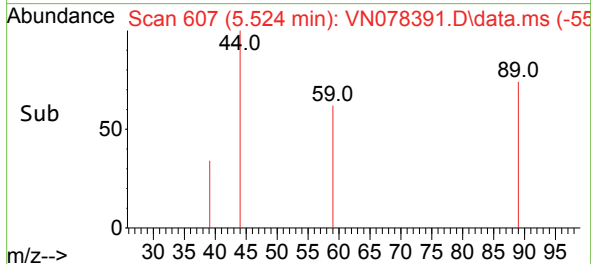
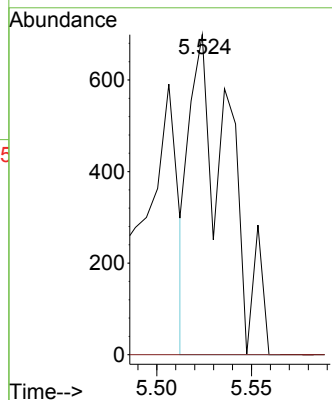
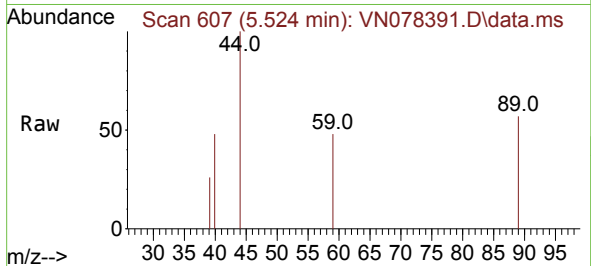




#11
Tert butyl alcohol
Concen: 1.277 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

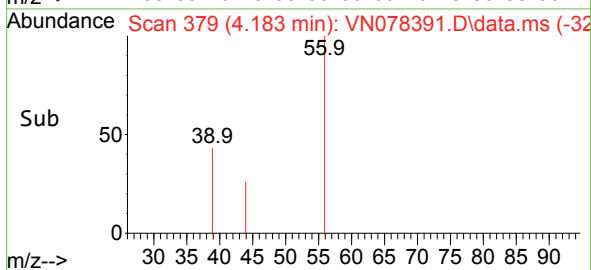
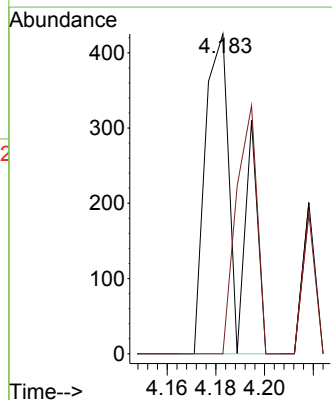
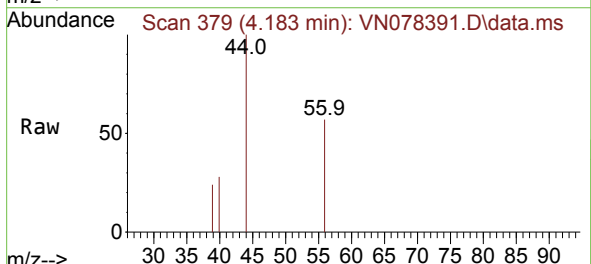
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ClientSampleId :
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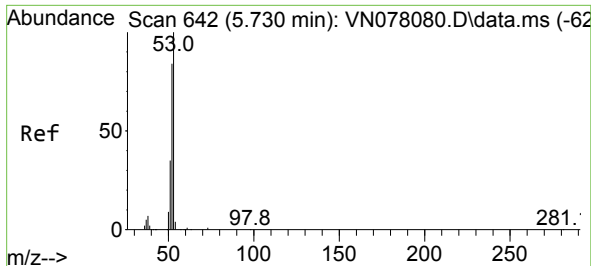
Tgt Ion: 59 Resp: 1013
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.443 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 56 Resp: 387
Ion Ratio Lower Upper
56 100
55 50.4 54.5 81.7#

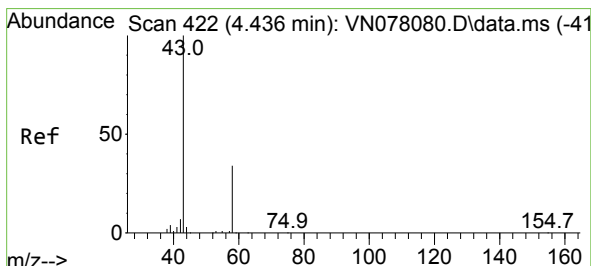
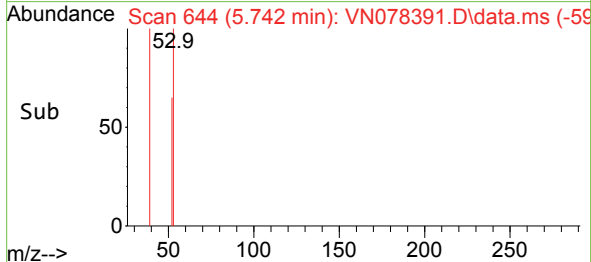
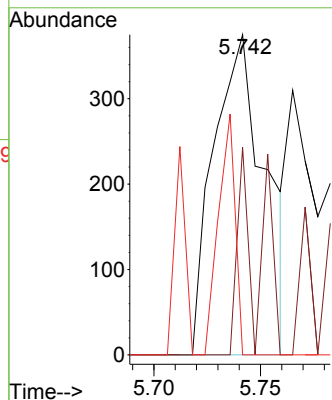
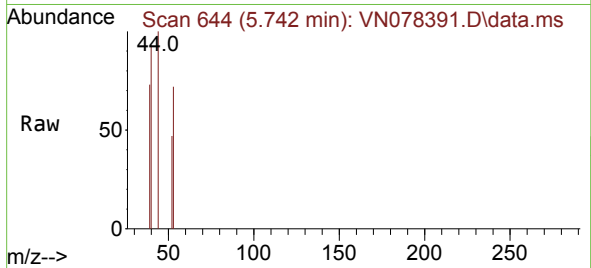




#15
Acrylonitrile
Concen: 0.309 ug/l
RT: 5.742 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

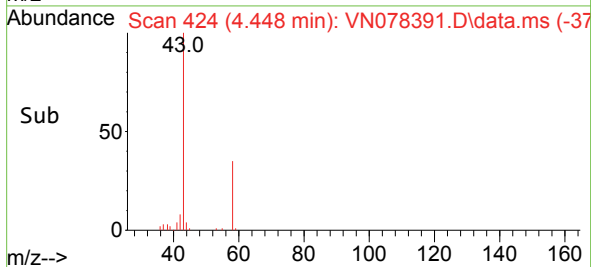
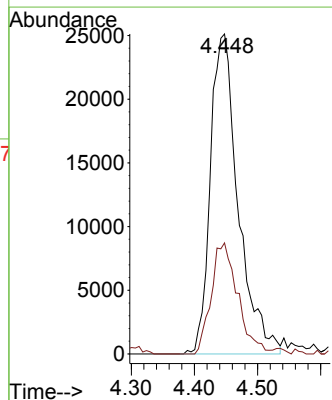
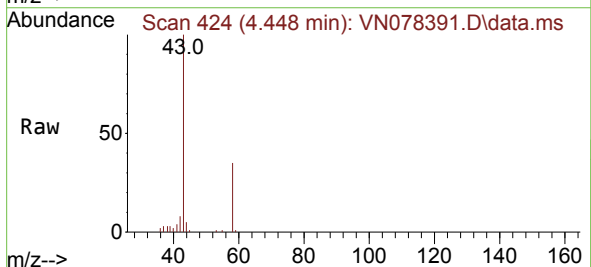
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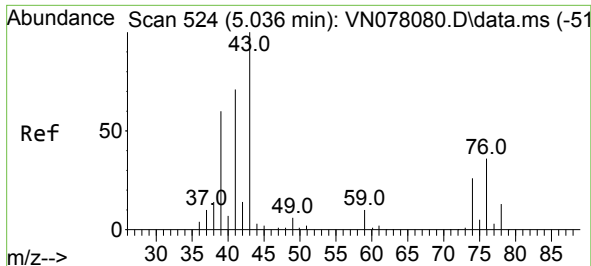
Tgt Ion: 53 Resp: 631
Ion Ratio Lower Upper
53 100
52 26.8 65.3 97.9#
51 24.4 28.9 43.3#



#16
Acetone
Concen: 46.448 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 43 Resp: 76802
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0

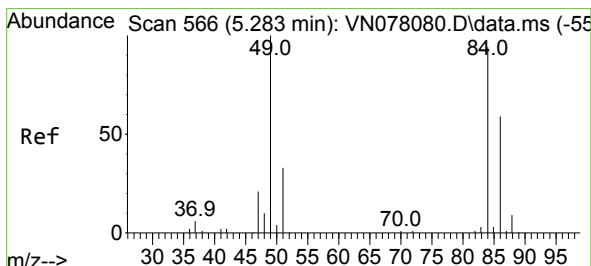
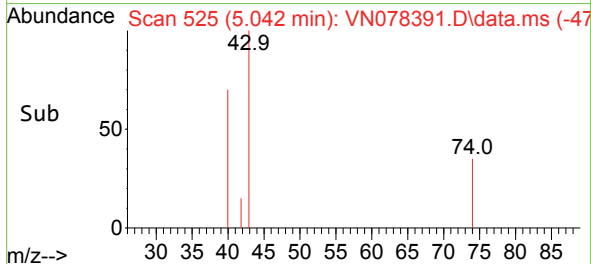
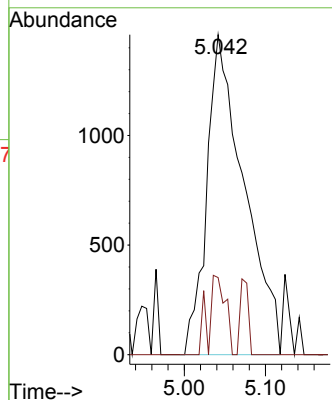
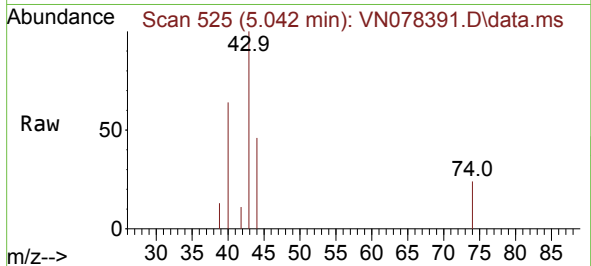




#18
Methyl Acetate
Concen: 0.612 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

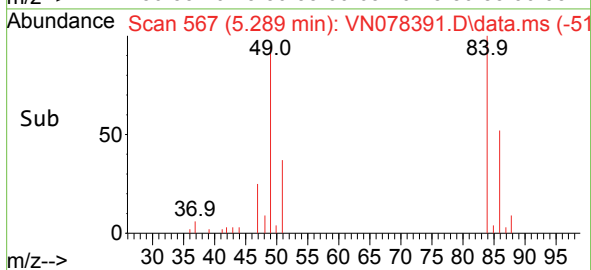
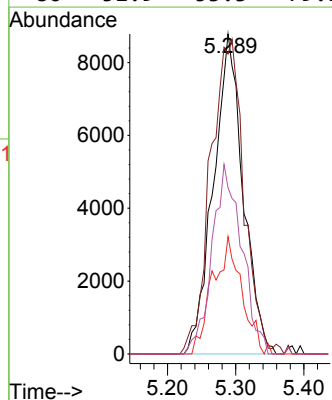
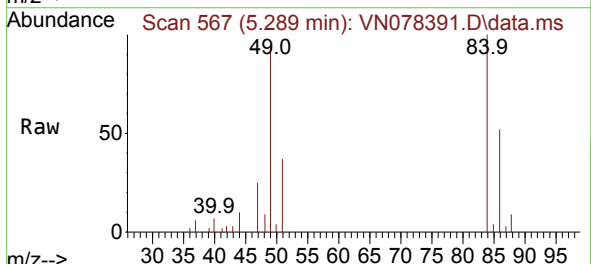
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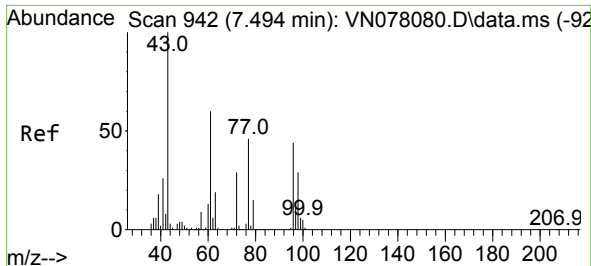
Tgt Ion: 43 Resp: 4661
Ion Ratio Lower Upper
43 100
74 11.3 26.2 39.4#



#20
Methylene Chloride
Concen: 4.872 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 84 Resp: 26620
Ion Ratio Lower Upper
84 100
49 93.7 79.7 119.5
51 36.7 25.2 37.8
86 51.9 53.3 79.9#

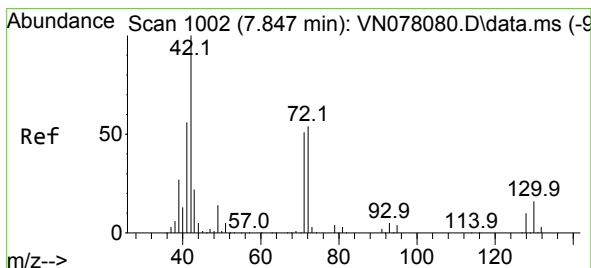
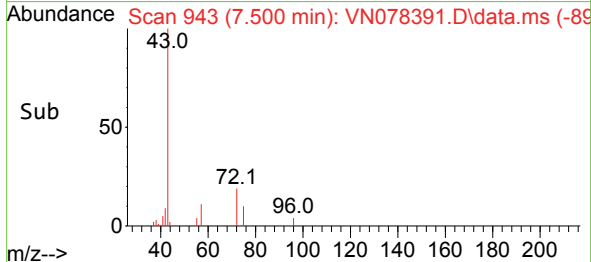
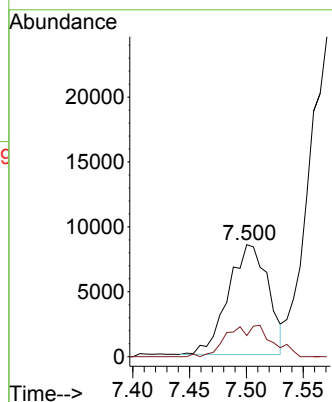
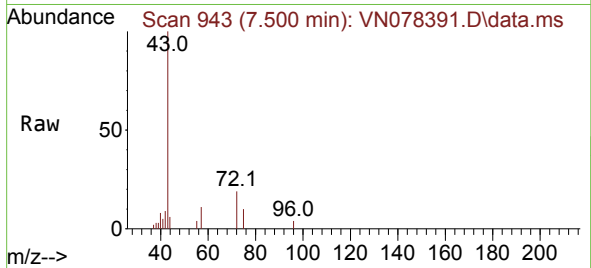




#25
2-Butanone
Concen: 8.161 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

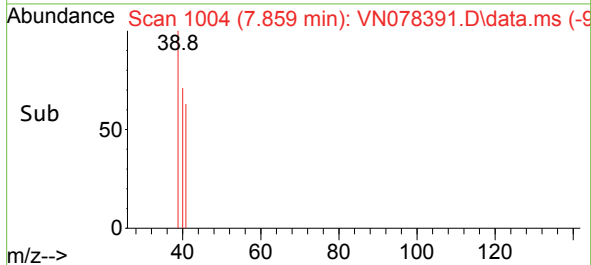
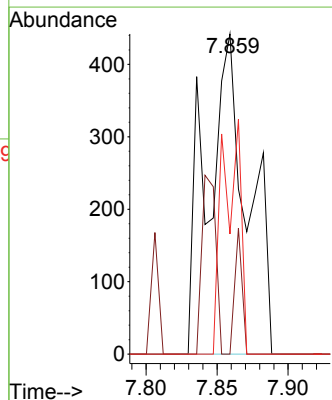
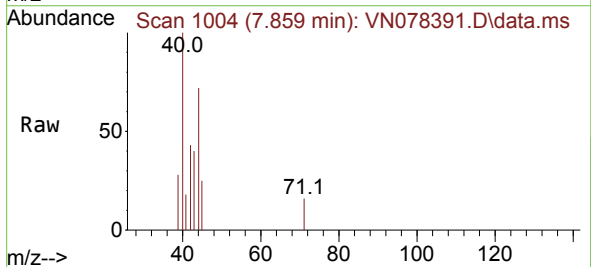
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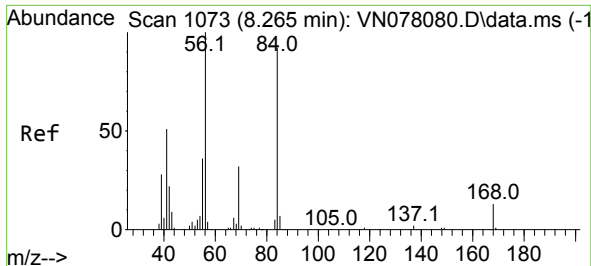
Tgt Ion: 43 Resp: 20752
Ion Ratio Lower Upper
43 100
72 19.2 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.512 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 42 Resp: 870
Ion Ratio Lower Upper
42 100
72 7.0 49.8 74.6#
71 32.2 47.4 71.2#

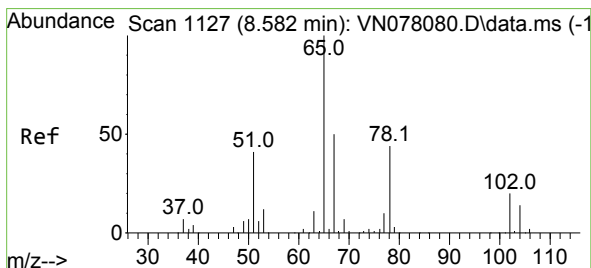
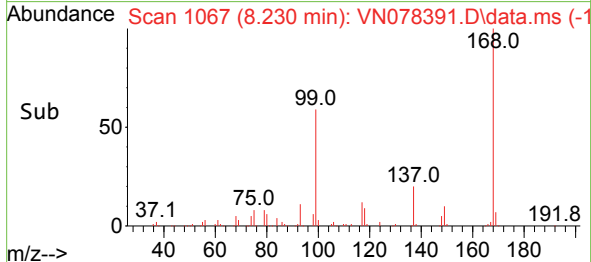
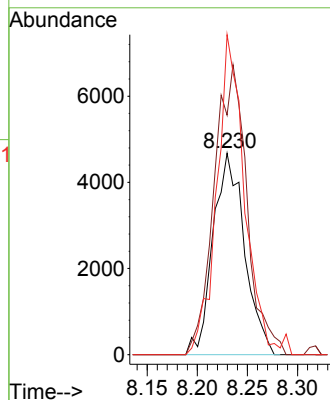
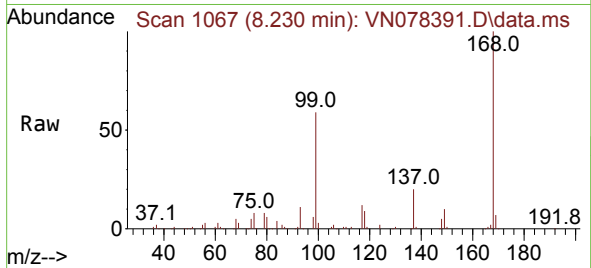




#31
Cyclohexane
Concen: 1.382 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.035 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

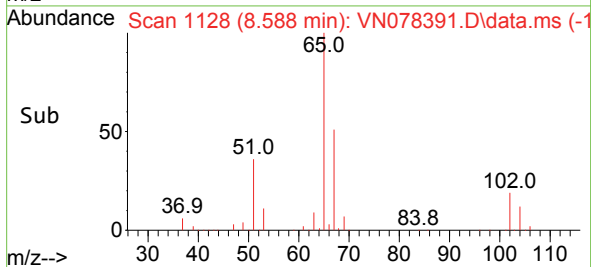
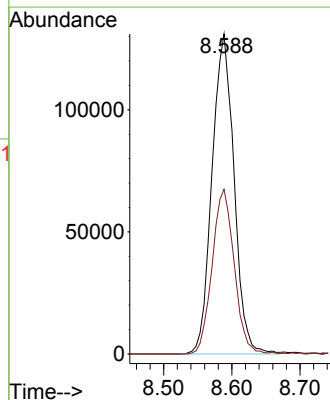
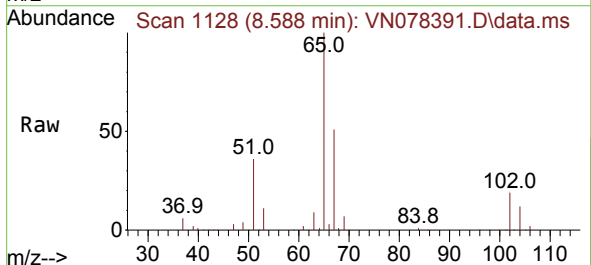
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

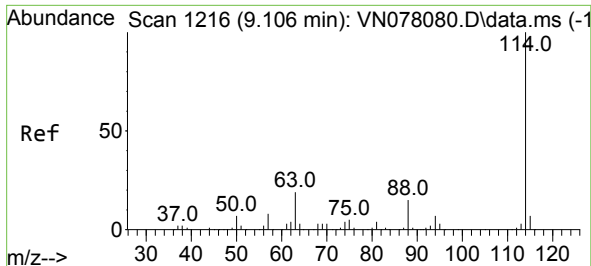
Tgt Ion: 56 Resp: 10186
Ion Ratio Lower Upper
56 100
69 118.9 26.8 40.2#
84 158.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 51.270 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 65 Resp: 294527
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078391.D

Acq: 24 Jun 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

PB153747TB

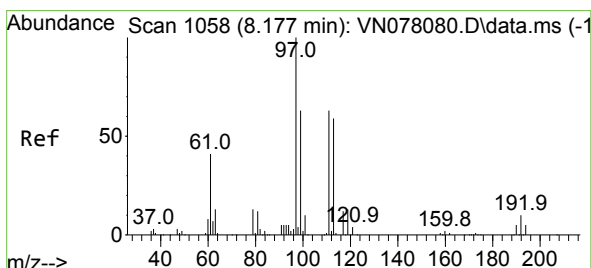
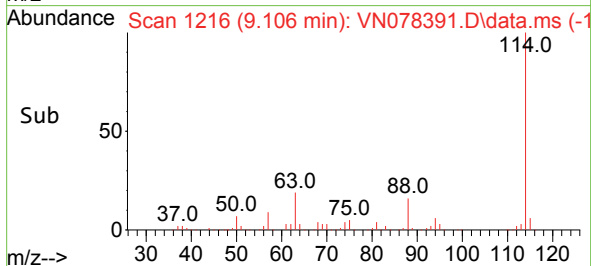
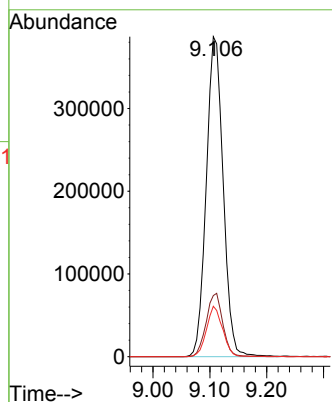
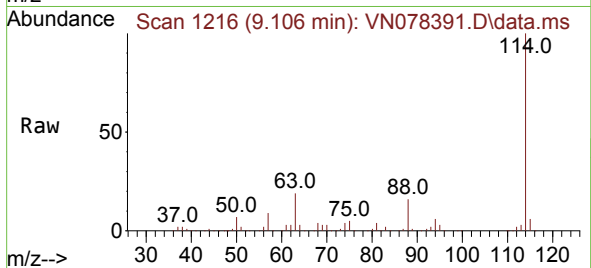
Tgt Ion:114 Resp: 796292

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.189 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078391.D

Acq: 24 Jun 2023 13:49

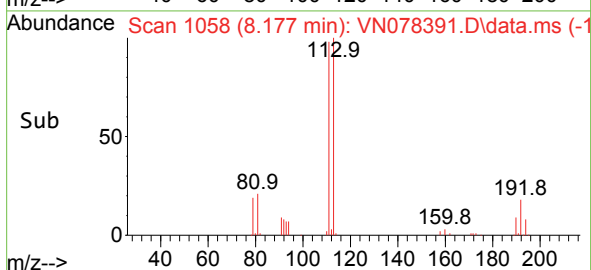
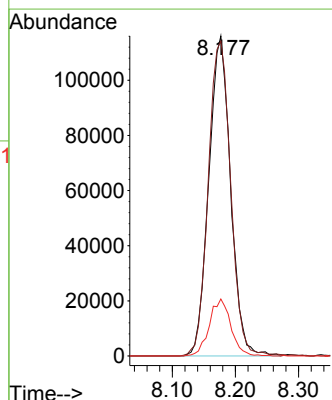
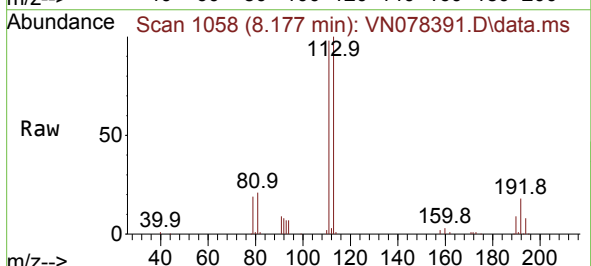
Tgt Ion:113 Resp: 277866

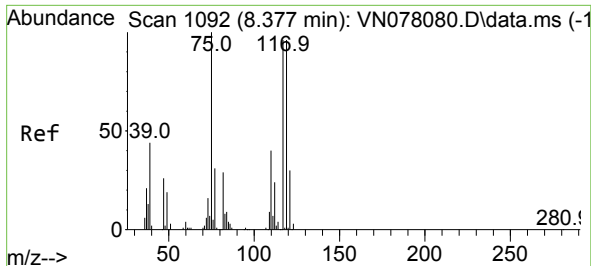
Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 17.6 12.7 19.1

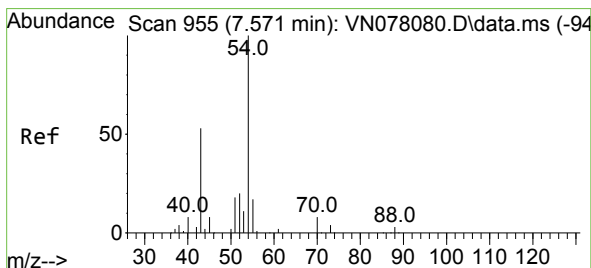
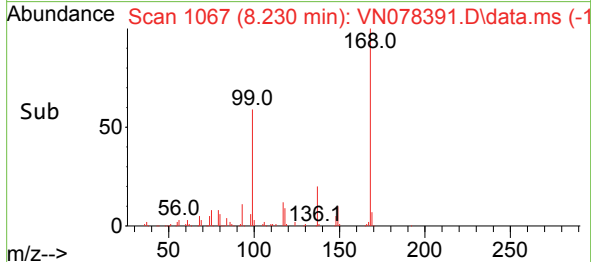
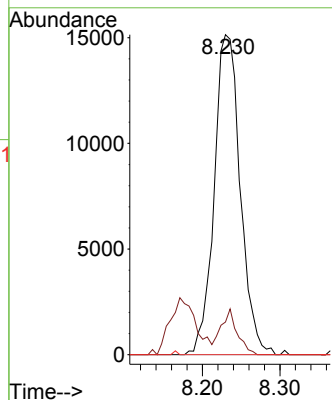
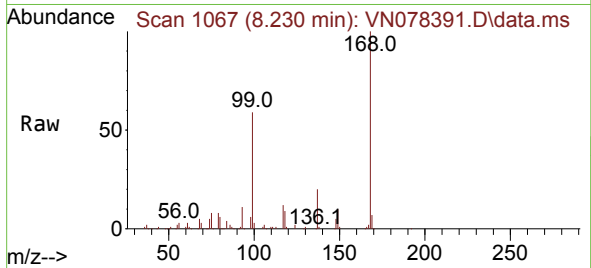




#36
1,1-Dichloropropene
Concen: 4.902 ug/l
RT: 8.230 min Scan# 1092
Delta R.T. -0.147 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

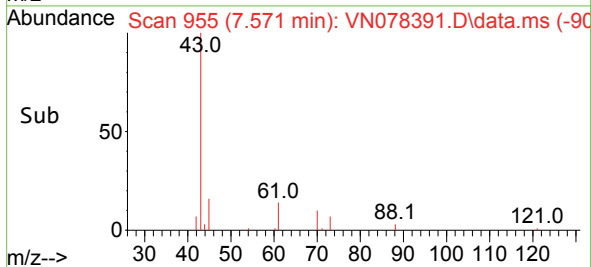
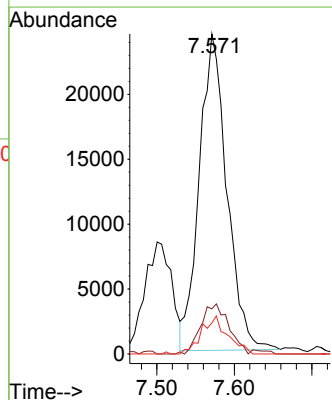
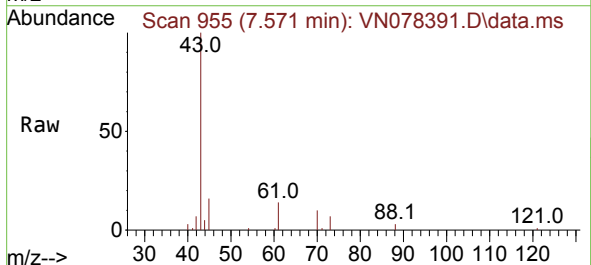
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

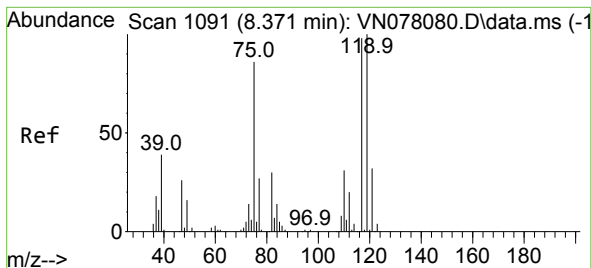
Tgt Ion: 75 Resp: 35403
Ion Ratio Lower Upper
75 100
110 9.0 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 10.694 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 43 Resp: 60333
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 11.2 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 6.284 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN078391.D

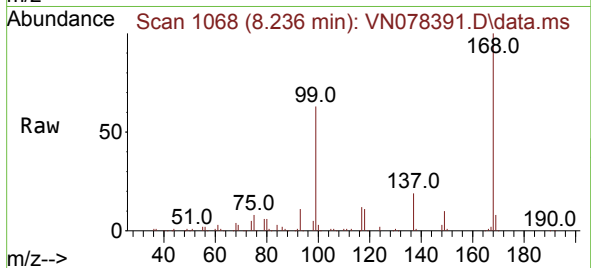
Acq: 24 Jun 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

PB153747TB



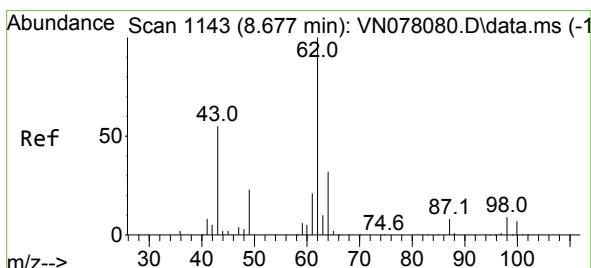
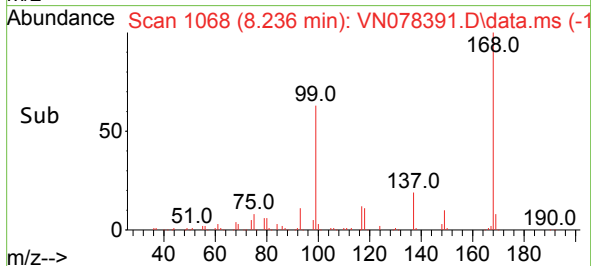
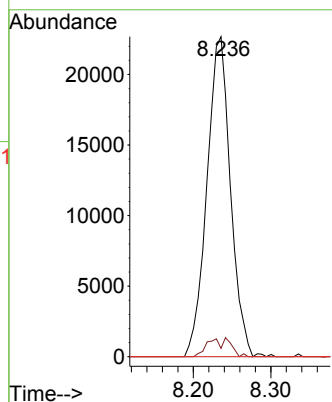
Tgt Ion:117 Resp: 47917

Ion Ratio Lower Upper

117 100

119 2.6 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.364 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.024 min

Lab File: VN078391.D

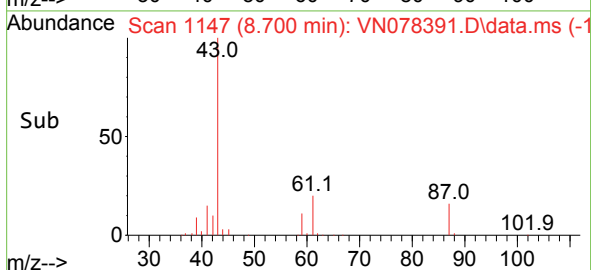
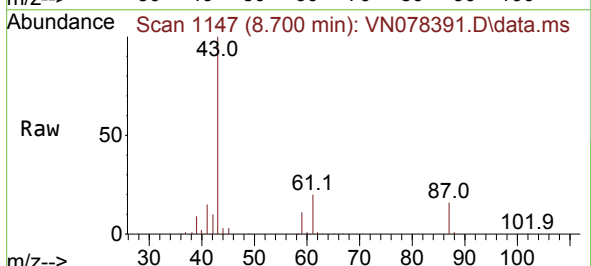
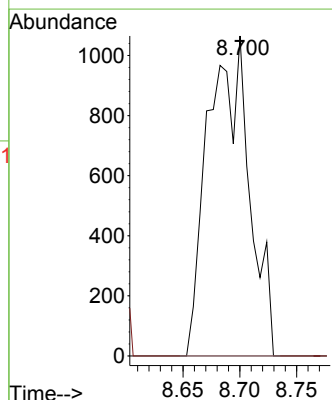
Acq: 24 Jun 2023 13:49

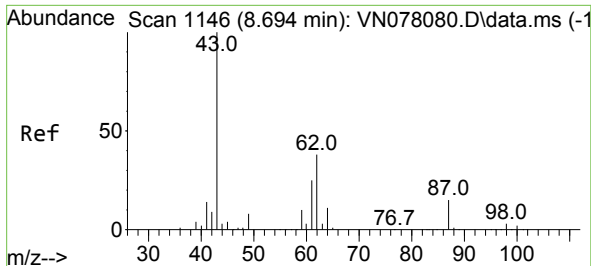
Tgt Ion: 62 Resp: 2688

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

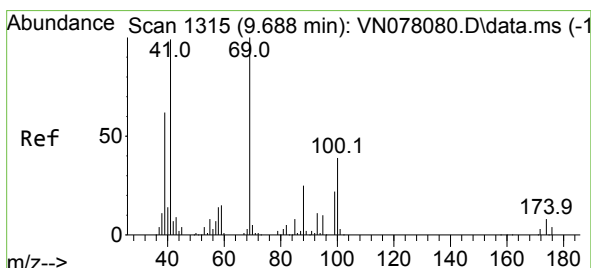
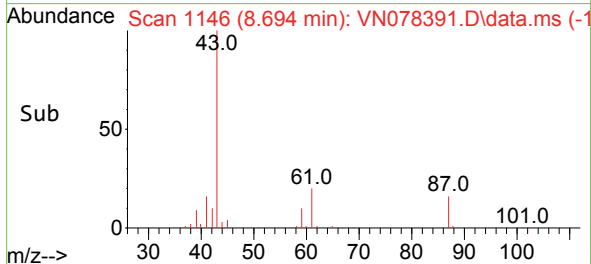
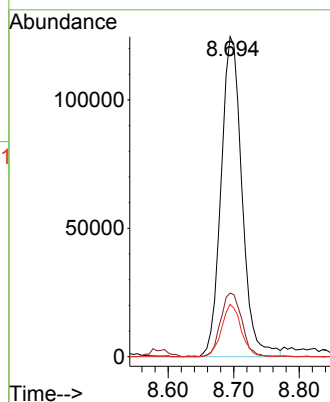
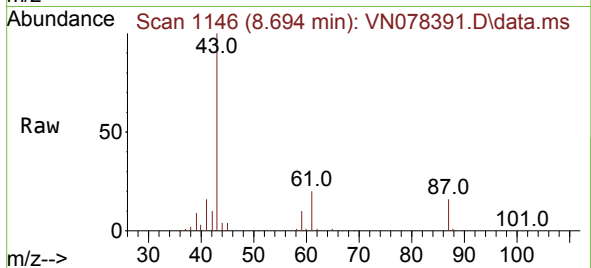




#43
Isopropyl Acetate
Concen: 25.595 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

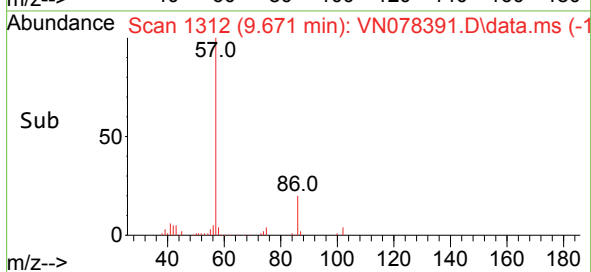
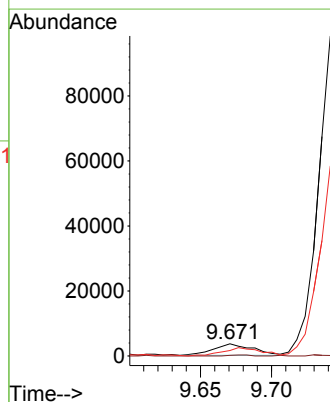
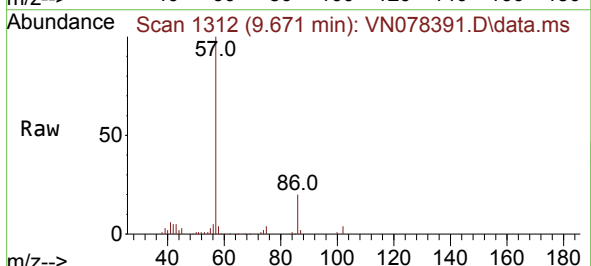
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

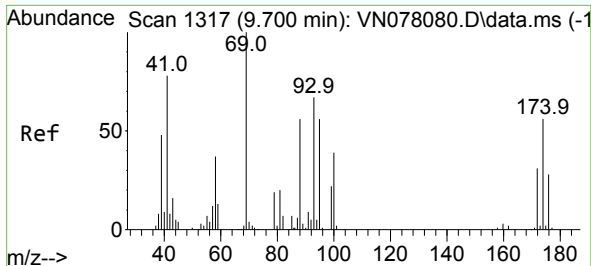
Tgt Ion: 43 Resp: 276164
Ion Ratio Lower Upper
43 100
61 20.1 24.7 37.1#
87 15.3 14.6 21.8



#48
Methyl methacrylate
Concen: 1.487 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.018 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 41 Resp: 6734
Ion Ratio Lower Upper
41 100
69 4.1 90.4 135.6#
39 70.6 54.6 81.8

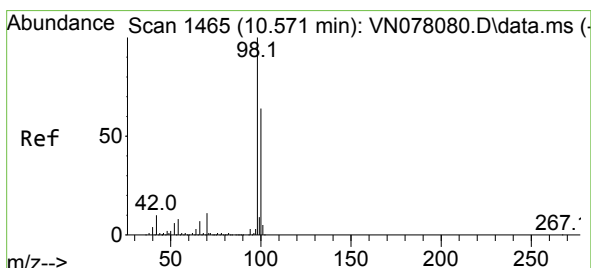
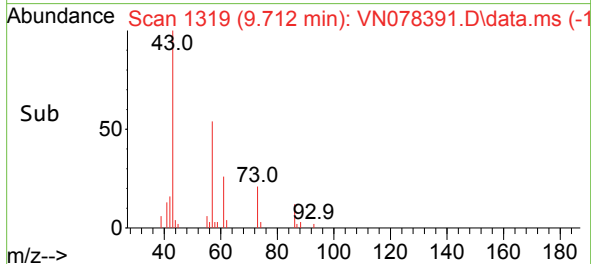
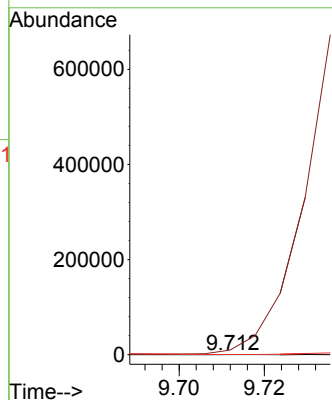
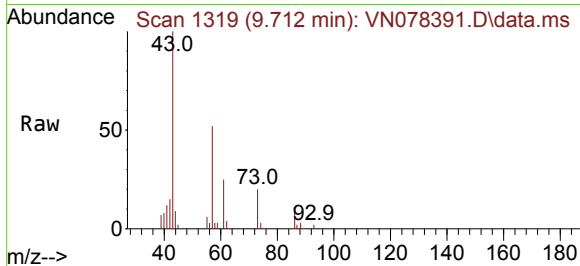




#49
1,4-Dioxane
Concen: 1.839 ug/l
RT: 9.712 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

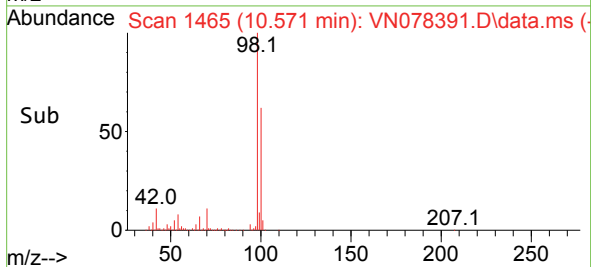
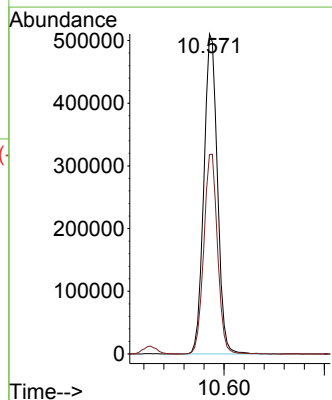
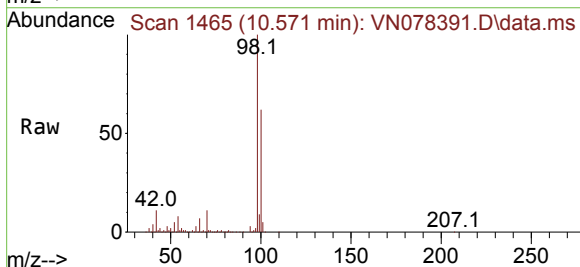
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

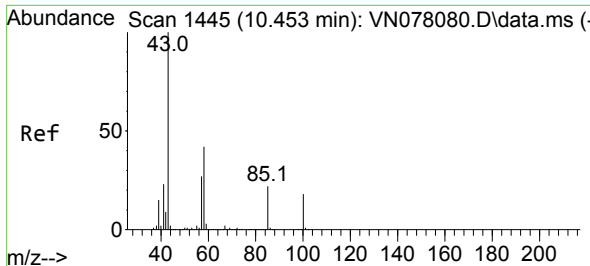
Tgt Ion: 88 Resp: 175
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 49.302 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 98 Resp: 956939
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

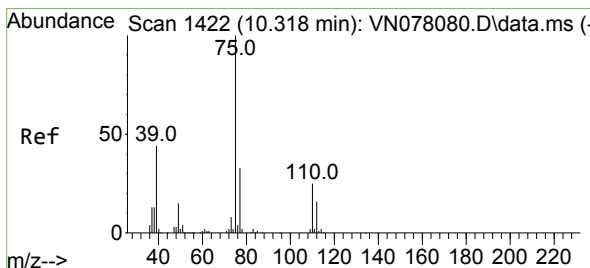
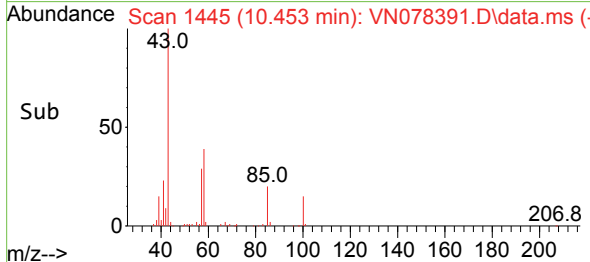
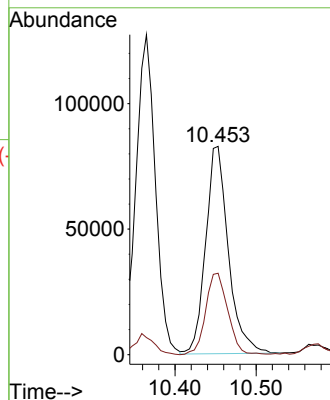
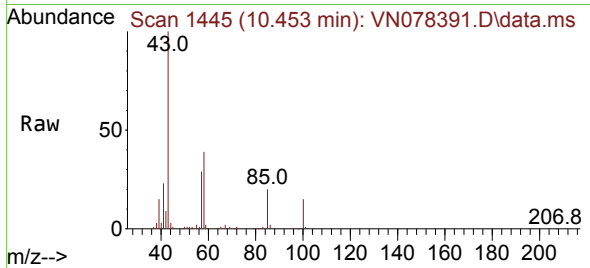




#51
4-Methyl-2-Pentanone
Concen: 28.236 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

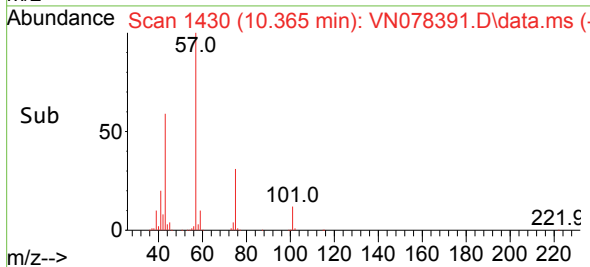
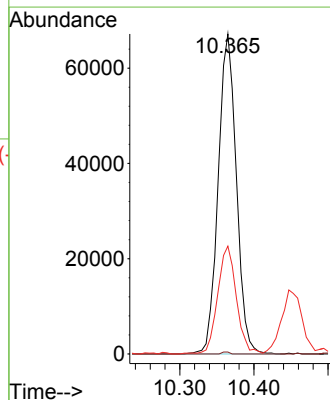
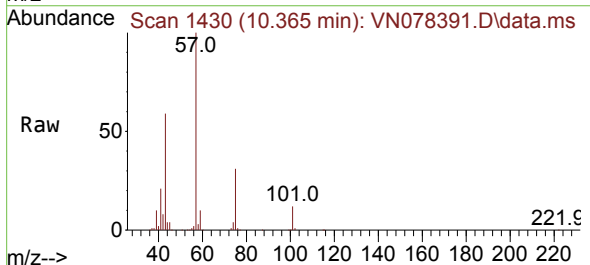
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

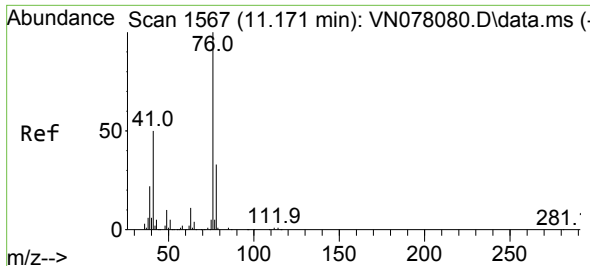
Tgt Ion: 43 Resp: 160430
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8



#54
cis-1,3-Dichloropropene
Concen: 13.540 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 75 Resp: 114406
Ion Ratio Lower Upper
75 100
77 0.6 26.1 39.1#
39 33.7 31.6 47.4





#57

1,3-Dichloropropane

Concen: 1.571 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.035 min

Lab File: VN078391.D

Acq: 24 Jun 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

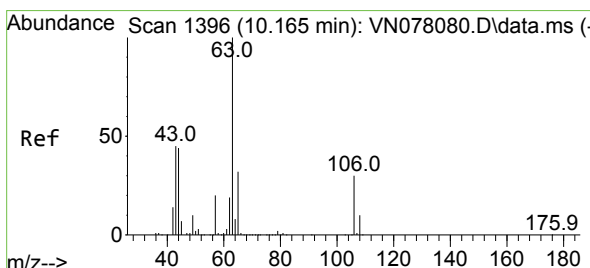
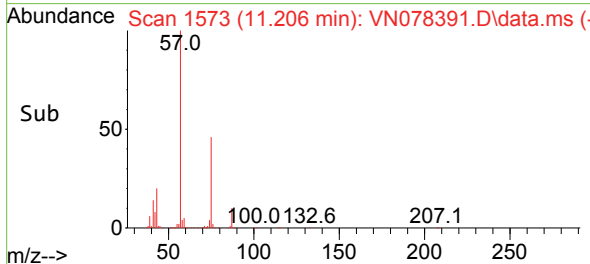
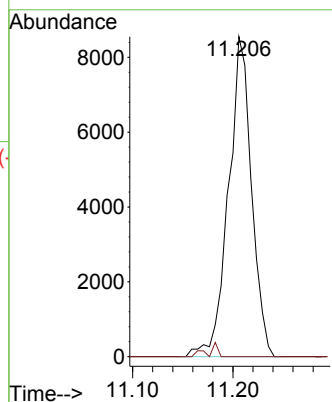
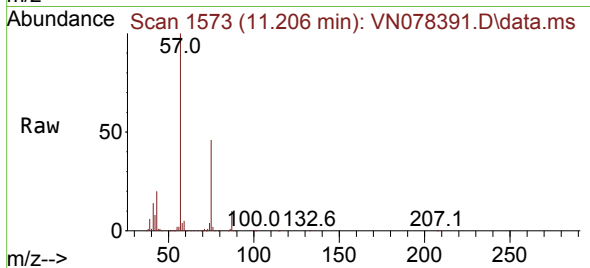
PB153747TB

Tgt Ion: 76 Resp: 13655

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.687 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078391.D

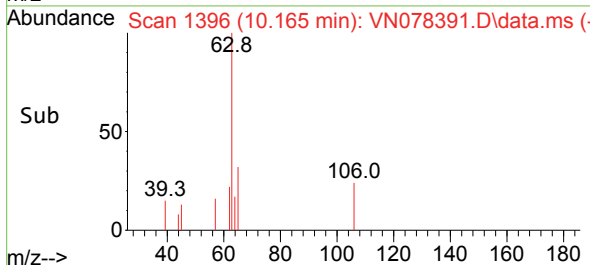
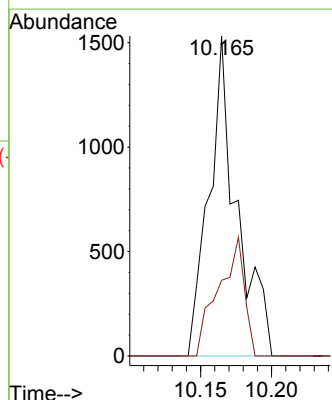
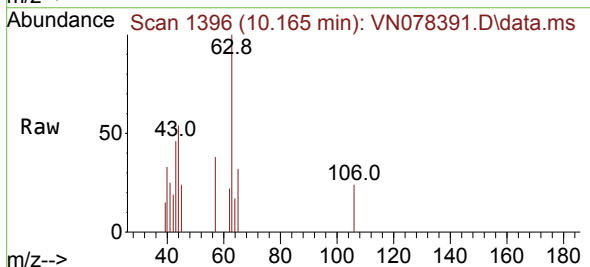
Acq: 24 Jun 2023 13:49

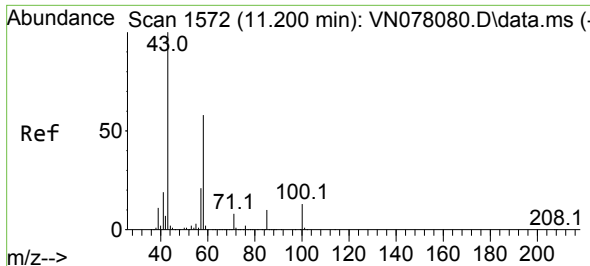
Tgt Ion: 63 Resp: 2081

Ion Ratio Lower Upper

63 100

106 34.5 26.2 39.4

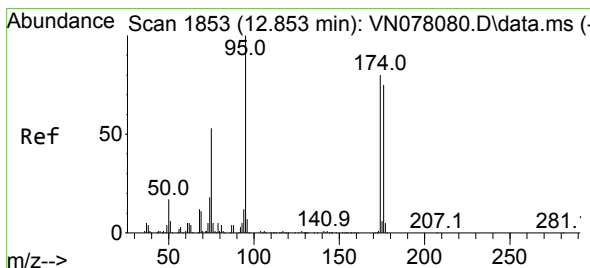
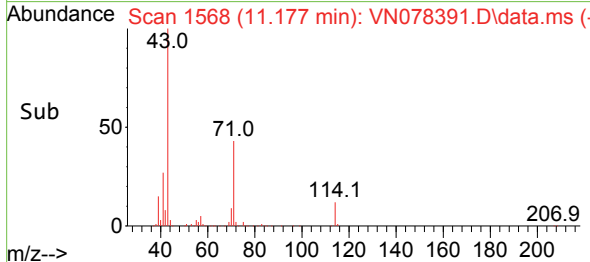
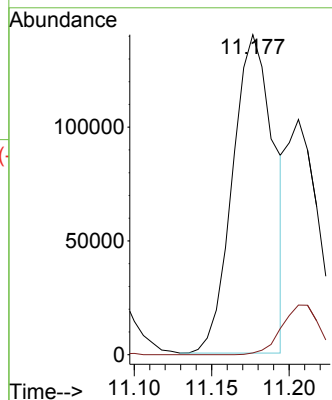
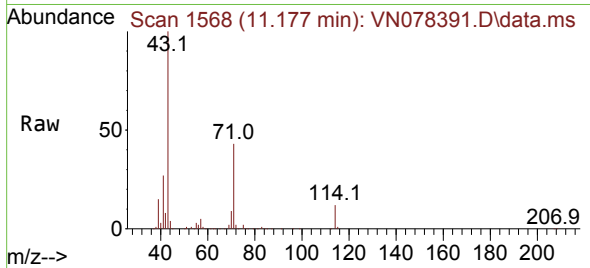




#59
2-Hexanone
Concen: 65.533 ug/l
RT: 11.177 min Scan# 1117
Delta R.T. -0.023 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

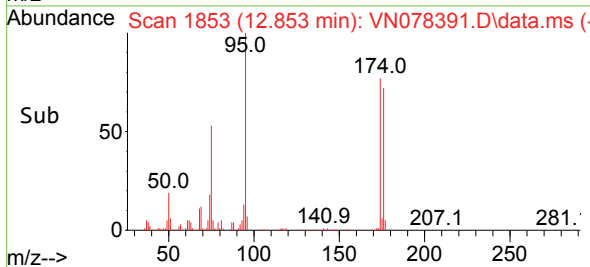
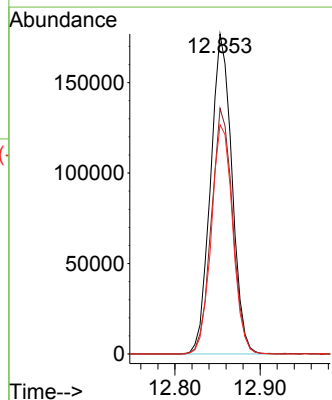
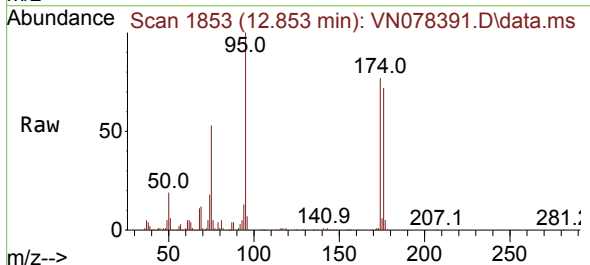
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

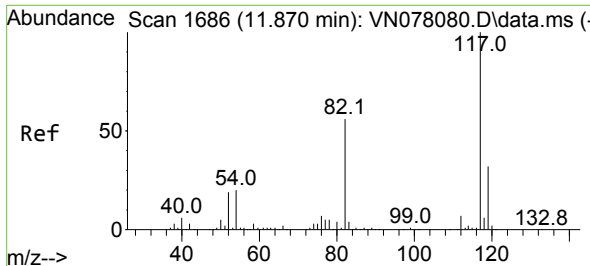
Tgt Ion: 43 Resp: 259254
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 51.138 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 95 Resp: 308567
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 71.5 0.0 135.8

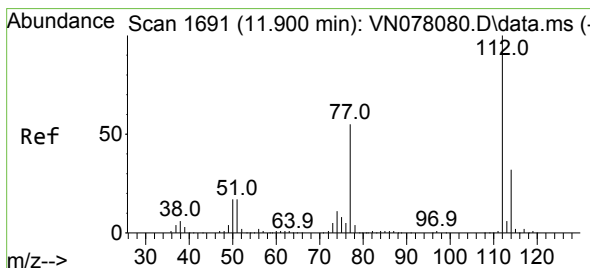
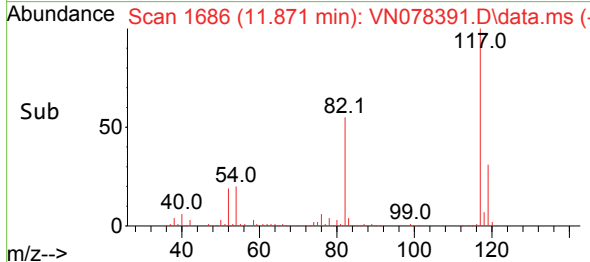
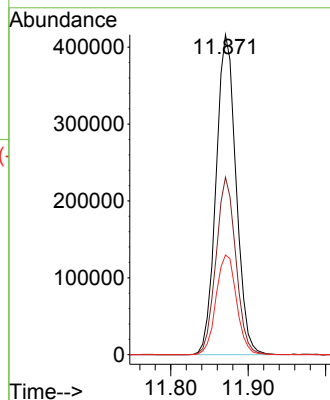
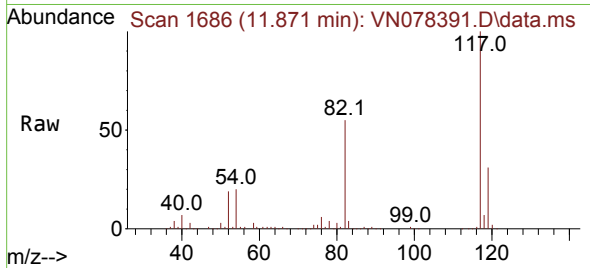




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

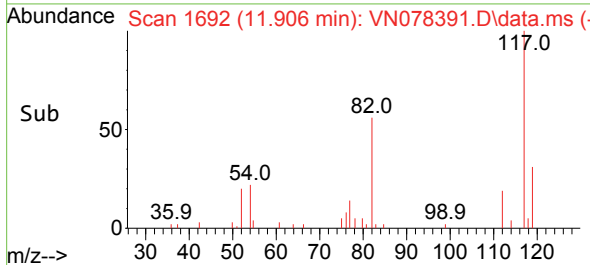
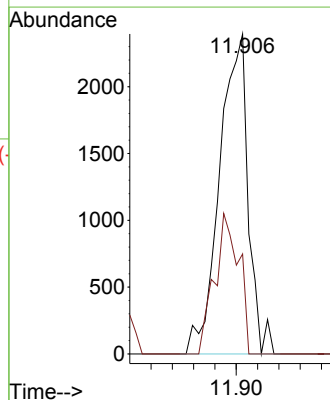
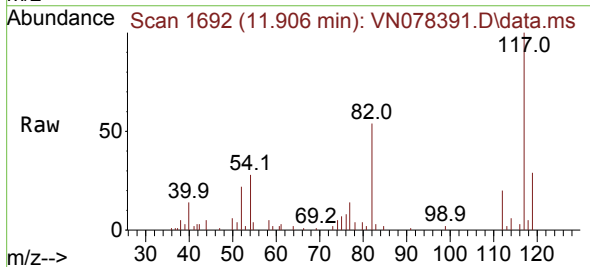
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

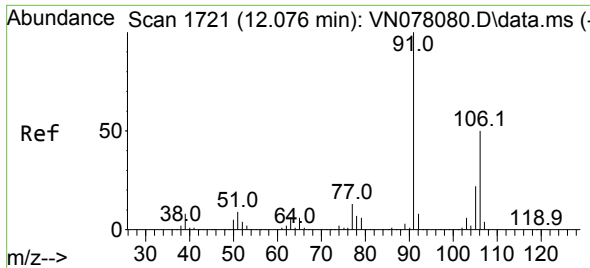
Tgt Ion:117 Resp: 748678
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.1 25.6 38.4



#65
Chlorobenzene
Concen: 0.277 ug/l
RT: 11.906 min Scan# 1692
Delta R.T. 0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion:112 Resp: 4442
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

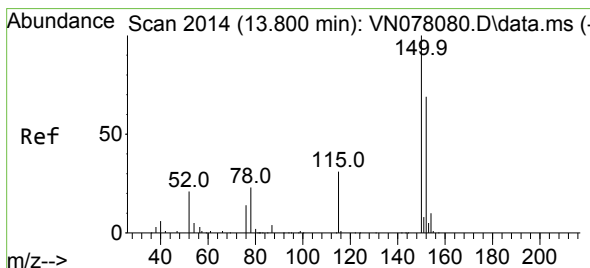
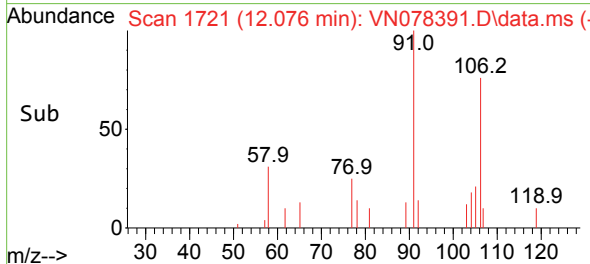
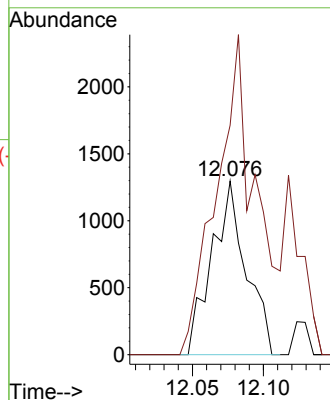
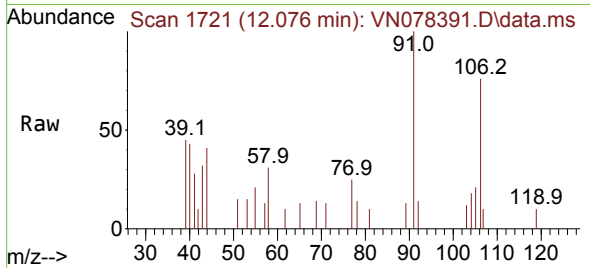




#68
m/p-Xylenes
Concen: 0.206 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

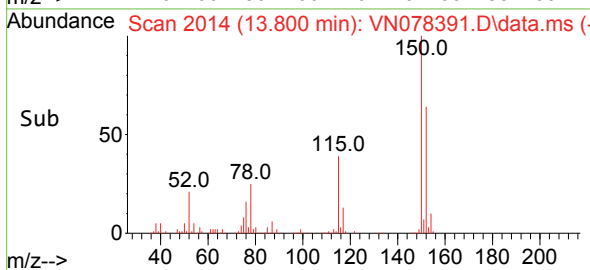
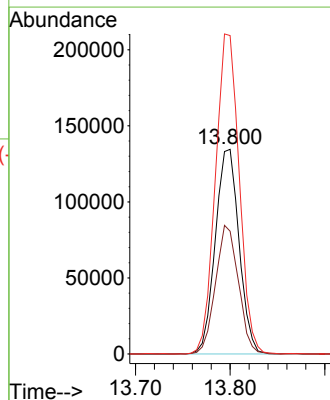
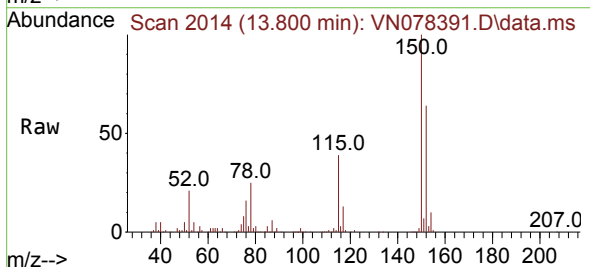
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

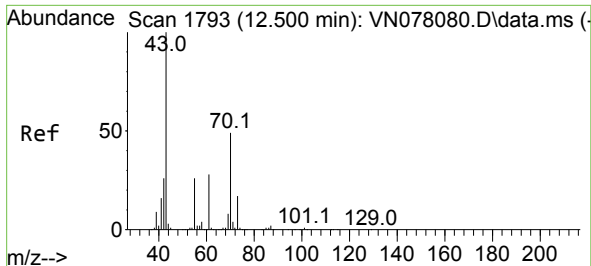
Tgt Ion:106 Resp: 2173
Ion Ratio Lower Upper
106 100
91 211.4 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion:152 Resp: 234778
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 156.4 0.0 355.8

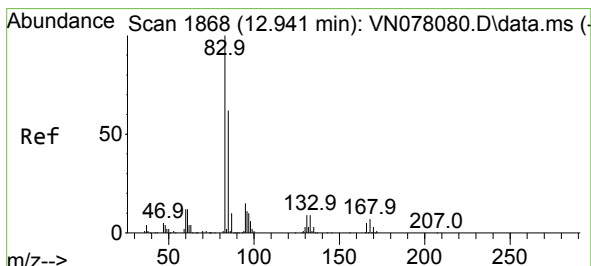
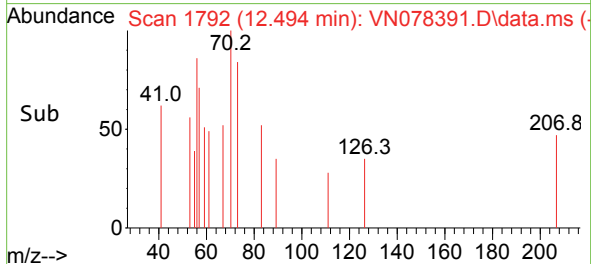
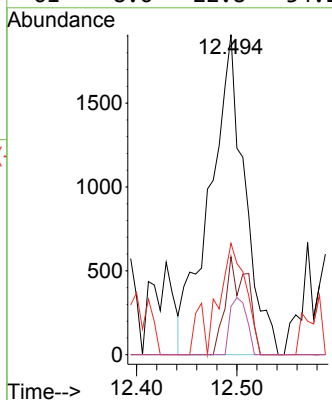
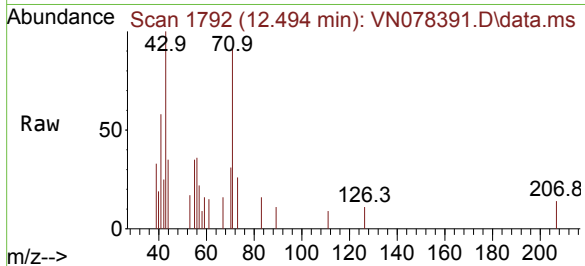




#74
N-amy1 acetate
Concen: 0.629 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

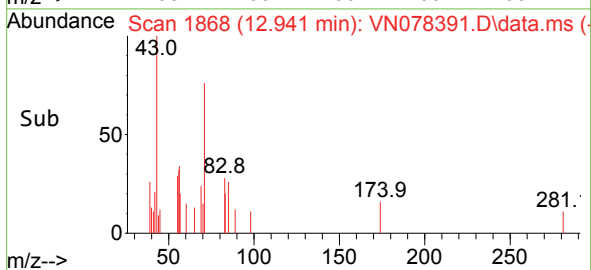
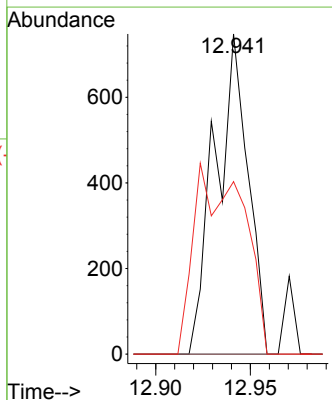
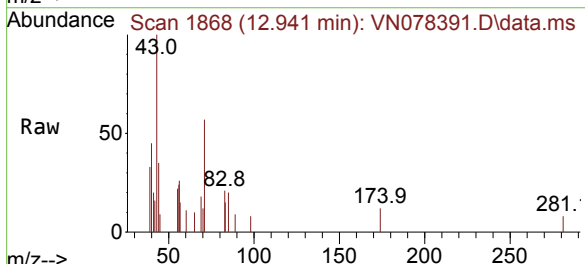
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

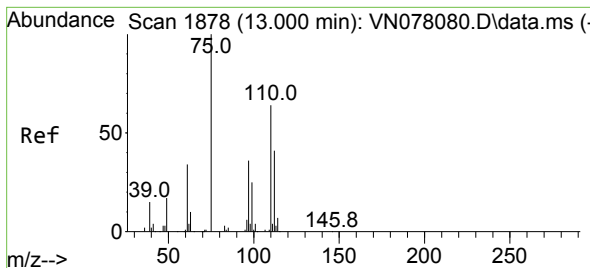
Tgt Ion: 43	Resp: 4596
Ion Ratio	Lower Upper
43	100
70	19.3 43.4 65.2#
55	25.3 21.4 32.0
61	8.6 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 83	Resp: 906
Ion Ratio	Lower Upper
83	100
131	0.0 5.0 15.0#
85	89.0 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 29.189 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078391.D

Acq: 24 Jun 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

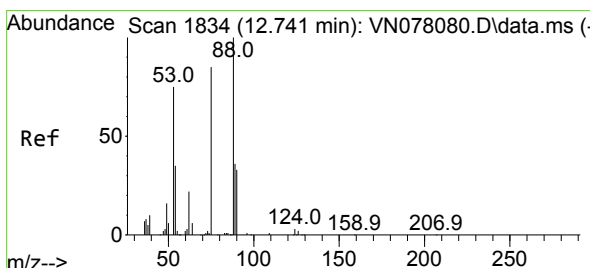
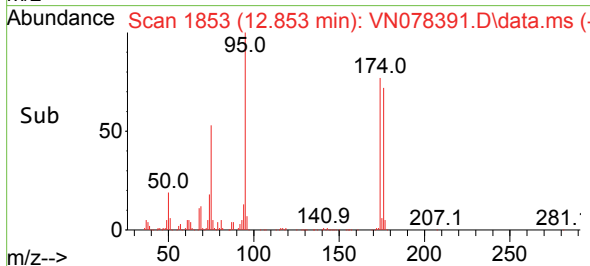
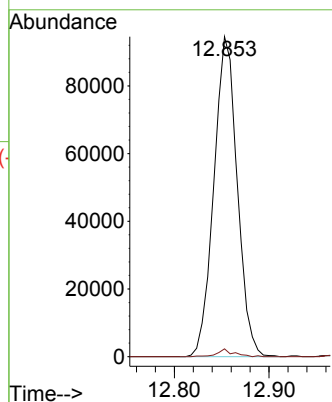
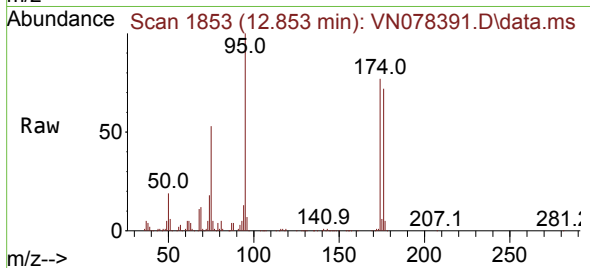
PB153747TB

Tgt Ion: 75 Resp: 162006

Ion Ratio Lower Upper

75 100

77 1.7 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.678 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078391.D

Acq: 24 Jun 2023 13:49

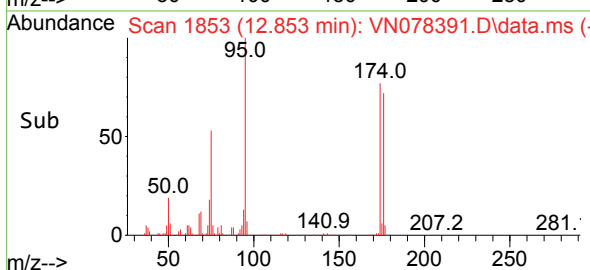
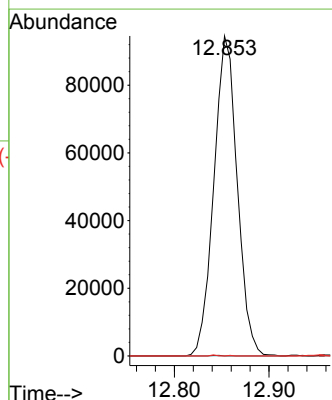
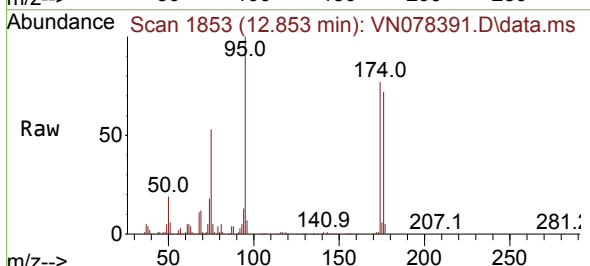
Tgt Ion: 75 Resp: 162006

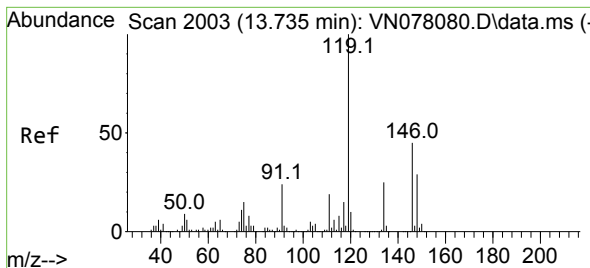
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

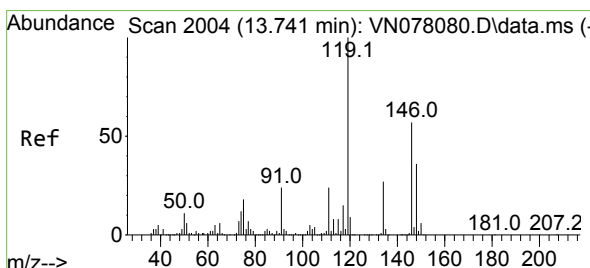
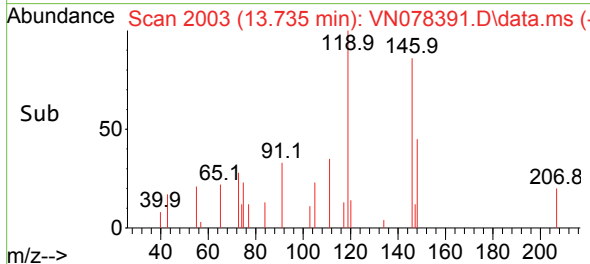
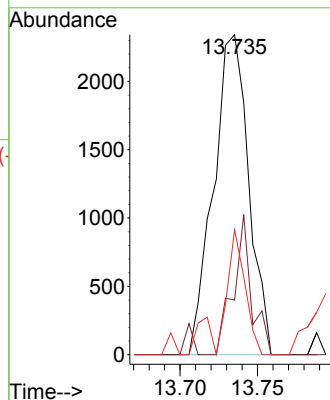
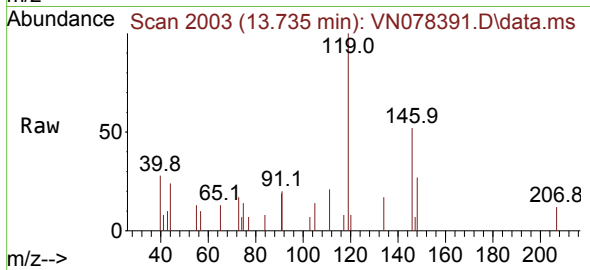




#86
p-Isopropyltoluene
Concen: 0.222 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

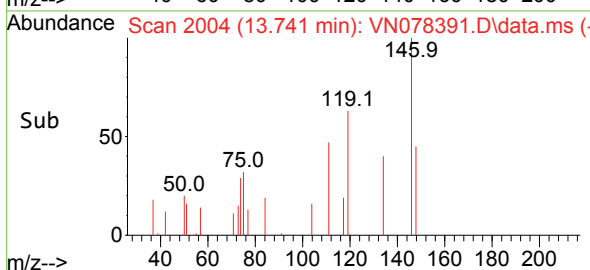
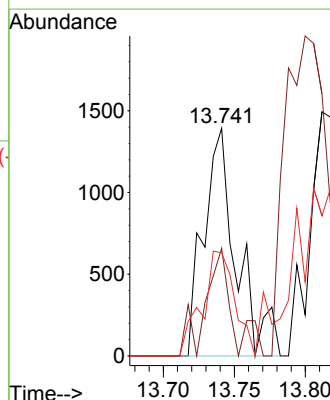
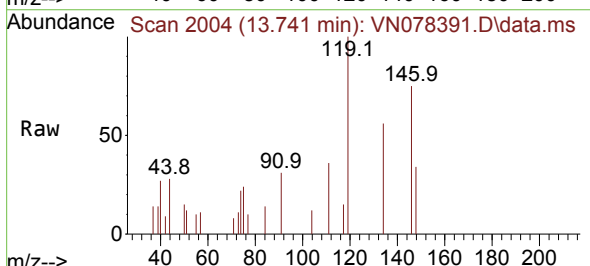
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

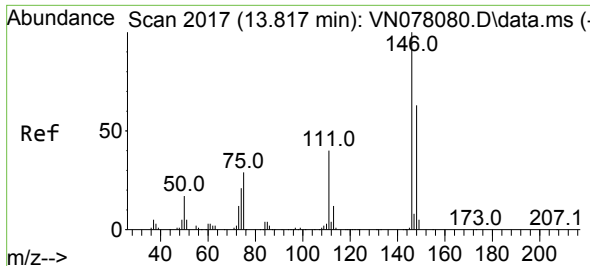
Tgt Ion:119 Resp: 3689
Ion Ratio Lower Upper
119 100
134 22.8 12.6 37.8
91 24.3 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.256 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion:146 Resp: 2234
Ion Ratio Lower Upper
146 100
111 32.8 22.1 66.3
148 45.9 32.0 96.0

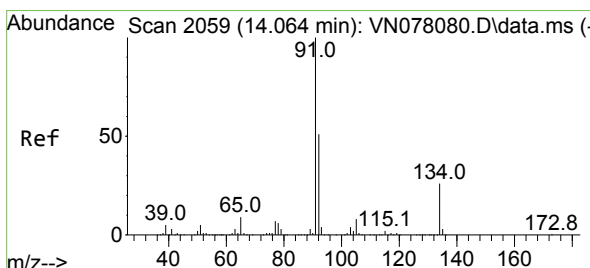
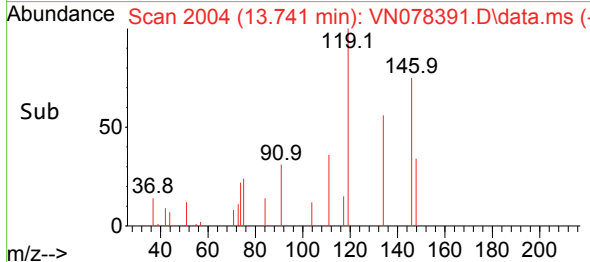
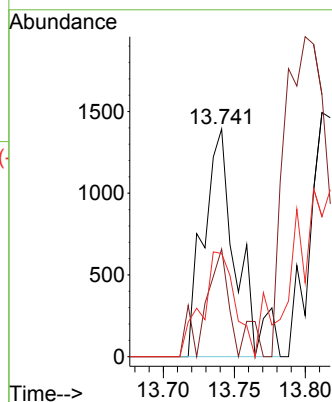
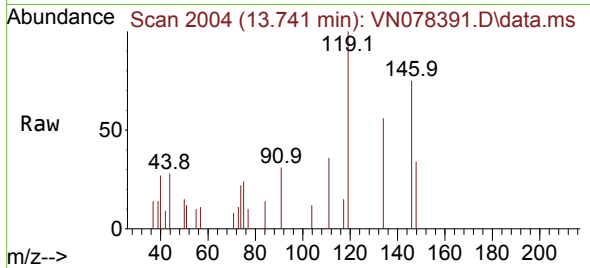




#88
1,4-Dichlorobenzene
Concen: 0.266 ug/l
RT: 13.741 min Scan# 2017
Delta R.T. -0.076 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

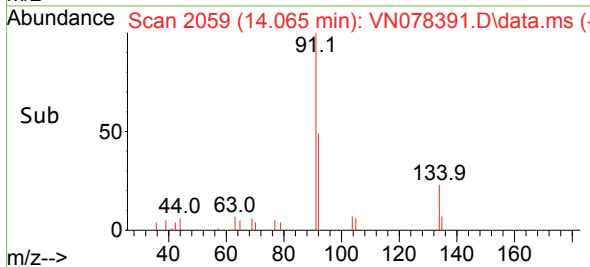
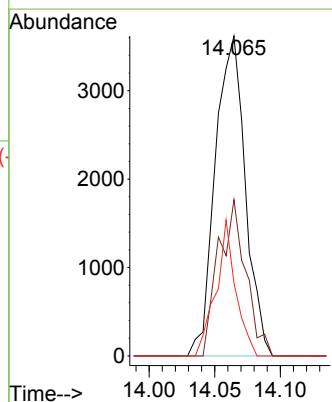
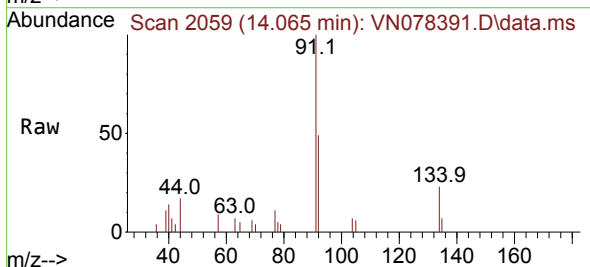
Instrument :
MSVOA_N
ClientSampleId :
PB153747TB

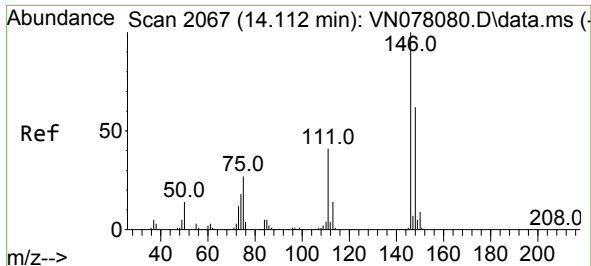
Tgt Ion:146 Resp: 2234
Ion Ratio Lower Upper
146 100
111 32.8 20.6 61.8
148 45.9 31.6 94.8



#89
n-Butylbenzene
Concen: 0.440 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion: 91 Resp: 5758
Ion Ratio Lower Upper
91 100
92 44.5 26.4 79.0
134 28.0 12.6 37.6

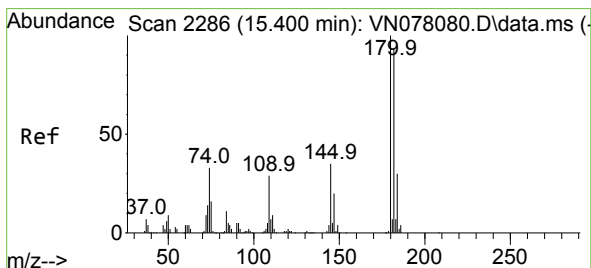
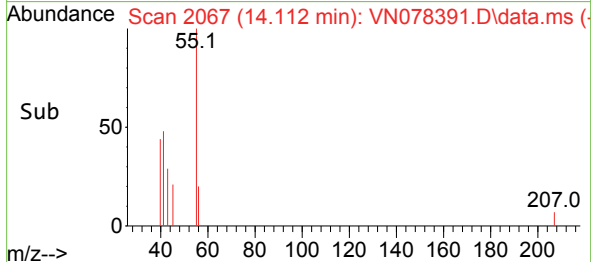
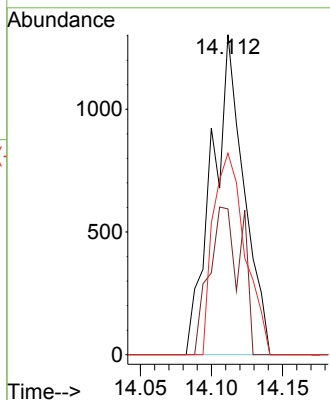
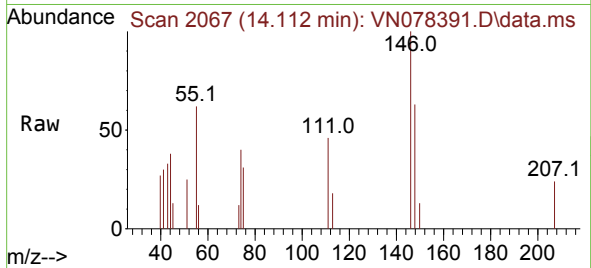




#91
1,2-Dichlorobenzene
Concen: 0.239 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

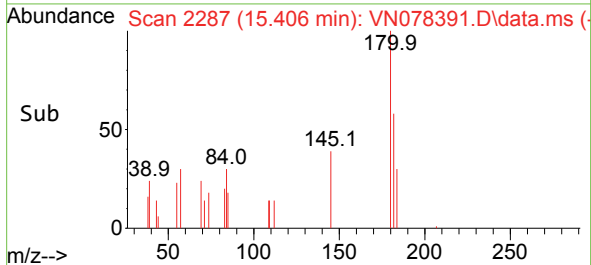
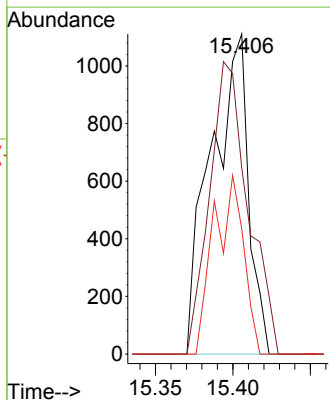
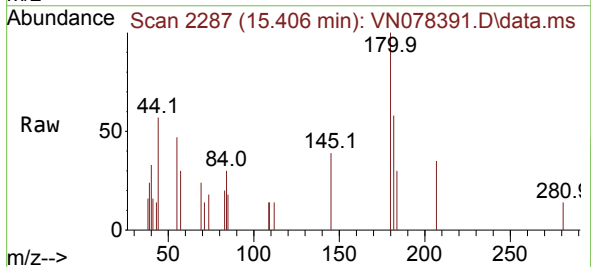
Instrument :
MSVOA_N
ClientSampleId :
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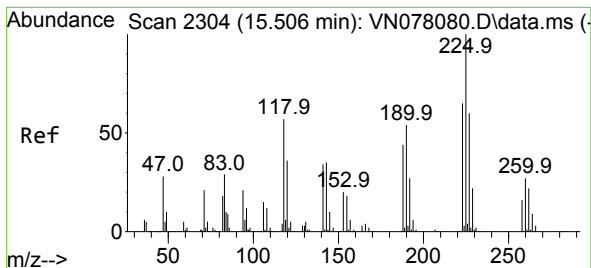
Tgt Ion:146 Resp: 2035
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 63.2 31.8 95.3



#93
1,2,4-Trichlorobenzene
Concen: 0.612 ug/l
RT: 15.406 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN078391.D
Acq: 24 Jun 2023 13:49

Tgt Ion:180 Resp: 1858
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 44.4 16.6 49.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078391.D

Acq: 24 Jun 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

PB153747TB

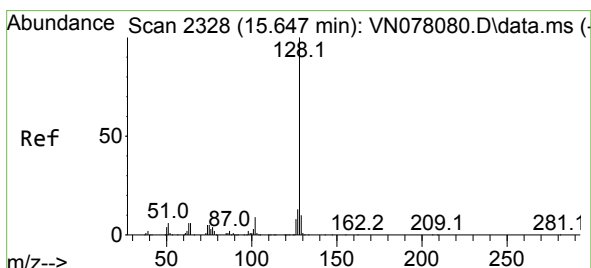
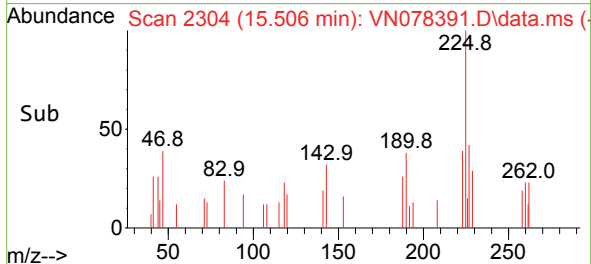
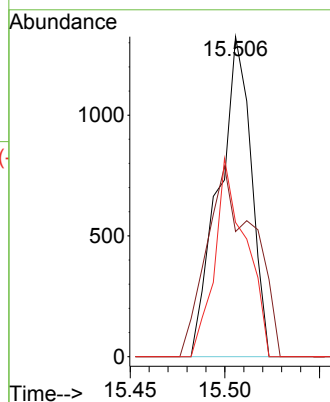
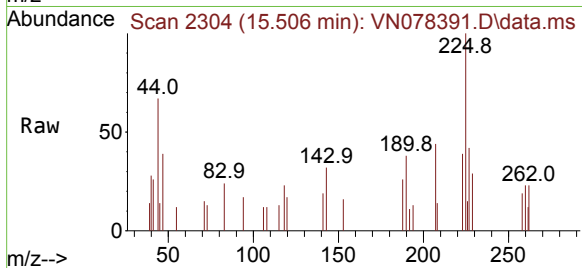
Tgt Ion:225 Resp: 1575

Ion Ratio Lower Upper

225 100

223 85.8 31.3 93.8

227 59.6 31.9 95.9



#95

Naphthalene

Concen: 0.568 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN078391.D

Acq: 24 Jun 2023 13:49

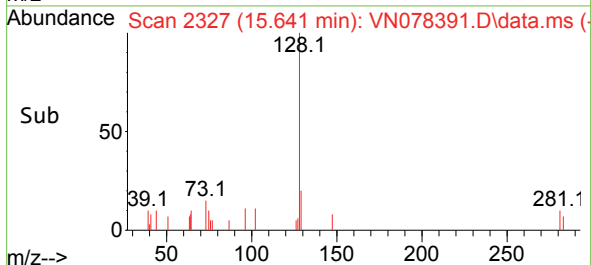
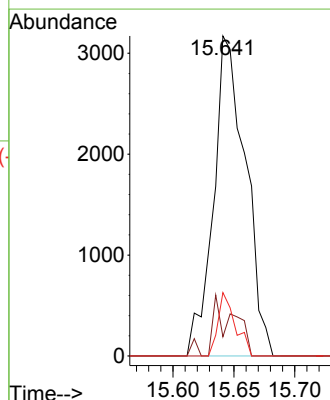
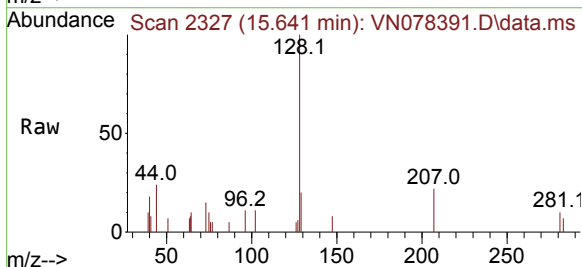
Tgt Ion:128 Resp: 5796

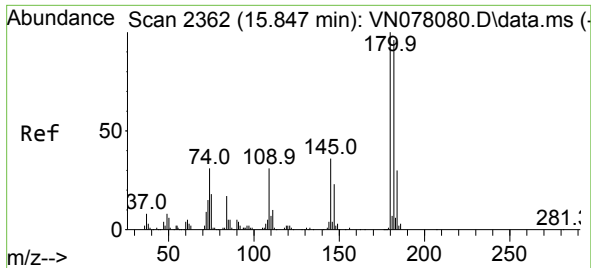
Ion Ratio Lower Upper

128 100

127 5.9 10.0 15.0#

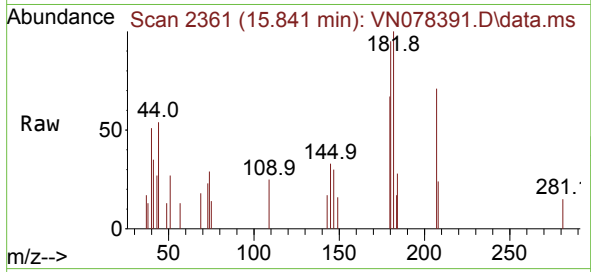
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.800 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078391.D
 Acq: 24 Jun 2023 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153747TB



Tgt Ion:	180	Resp:	2717
Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.2	138.6
145	33.5	17.5	52.6

