

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078286.D
 Acq On : 19 Jun 2023 18:13
 Operator : JC\MD
 Sample : PB153531TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153531TB

Quant Time: Jun 20 01:31:46 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	8.235	168	452155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	847325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	778835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	239586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	322180	53.442	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.880%	
35) Dibromofluoromethane	8.177	113	290151	54.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.320%	
50) Toluene-d8	10.571	98	994333	48.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.280%	
62) 4-Bromofluorobenzene	12.853	95	320613	49.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.860%	

Target Compounds			Qvalue			
3) Chloromethane	2.371	50	1087	Below Cal	#	79
5) Bromomethane	2.977	94	3167	0.626	ug/l	99
6) Chloroethane	3.118	64	3146	0.690	ug/l #	64
11) Tert butyl alcohol	5.512	59	1055	1.267	ug/l #	72
13) Acrolein	4.195	56	1183	1.289	ug/l #	79
15) Acrylonitrile	5.742	53	2136	0.995	ug/l #	84
16) Acetone	4.447	43	155871	89.826	ug/l	98
17) Carbon Disulfide	4.718	76	5392	0.424	ug/l	95
18) Methyl Acetate	5.047	43	4924	0.616	ug/l #	66
20) Methylene Chloride	5.289	84	16597	2.894	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	1316	0.247	ug/l #	70
25) 2-Butanone	7.494	43	53706	20.126	ug/l #	83
29) Tetrahydrofuran	7.865	42	2073	1.162	ug/l #	57
31) Cyclohexane	8.235	56	11848	1.532	ug/l #	40
36) 1,1-Dichloropropene	8.235	75	39626	5.156	ug/l #	47
37) Ethyl Acetate	7.577	43	79501	13.243	ug/l	97
38) Carbon Tetrachloride	8.230	117	48792	6.013	ug/l #	14
39) Methylcyclohexane	9.618	83	4211	0.529	ug/l #	81
42) 1,2-Dichloroethane	8.682	62	2722	0.346	ug/l #	73
43) Isopropyl Acetate	8.700	43	348191	30.327	ug/l #	82
48) Methyl methacrylate	9.747	41	279290	57.967	ug/l #	28
49) 1,4-Dioxane	9.712	88	379	3.743	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	351946	58.213	ug/l	91
54) cis-1,3-Dichloropropene	10.365	75	128904	14.337	ug/l #	69
57) 1,3-Dichloropropane	11.206	76	16981	1.836	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.177	63	1800	0.558	ug/l #	80
59) 2-Hexanone	11.176	43	286396	68.033	ug/l #	19
65) Chlorobenzene	11.900	112	3598	0.216	ug/l #	82
68) m/p-Xylenes	12.076	106	2915	0.266	ug/l #	30
74) N-amyl acetate	12.500	43	6304	0.845	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.947	83	1545	Below Cal		70
76) 1,2,3-Trichloropropane	12.853	75	172197	30.403	ug/l #	1
77) Bromobenzene	12.988	156	1896	0.361	ug/l	83
78) n-propylbenzene	13.041	91	8144	0.331	ug/l	89
79) 2-Chlorotoluene	13.135	91	3979	0.250	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	6086	0.332	ug/l	99

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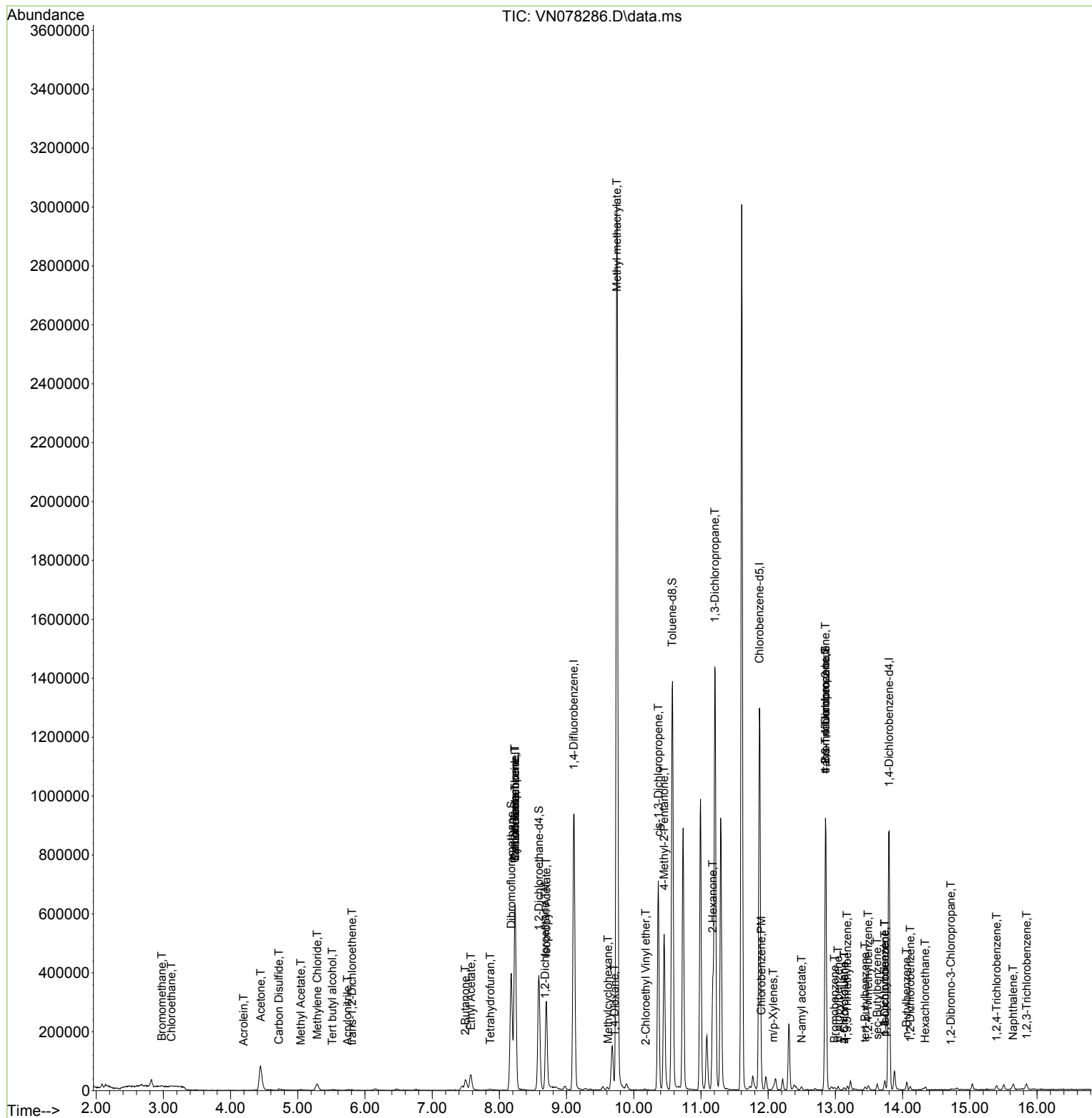
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.853	75	172197	93.406	ug/l #	15
82) 4-Chlorotoluene	13.135	91	3979	0.268	ug/l	91
83) tert-Butylbenzene	13.441	119	5604	0.351	ug/l	90
84) 1,2,4-Trimethylbenzene	13.488	105	6242	0.351	ug/l	99
85) sec-Butylbenzene	13.623	105	12634	0.605	ug/l	89
86) p-Isopropyltoluene	13.735	119	11569	0.683	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	4016	0.451	ug/l	91
88) 1,4-Dichlorobenzene	13.735	146	4016	0.468	ug/l	90
89) n-Butylbenzene	14.059	91	13401	1.003	ug/l	97
90) Hexachloroethane	14.335	117	1939	0.645	ug/l	100
91) 1,2-Dichlorobenzene	14.117	146	3760	0.432	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.717	75	348	0.310	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.400	180	4389	1.417	ug/l	96
94) Hexachlorobutadiene	15.506	225	2694	Below Cal	#	57
95) Naphthalene	15.647	128	15960	1.532	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.847	180	6104	1.762	ug/l #	80

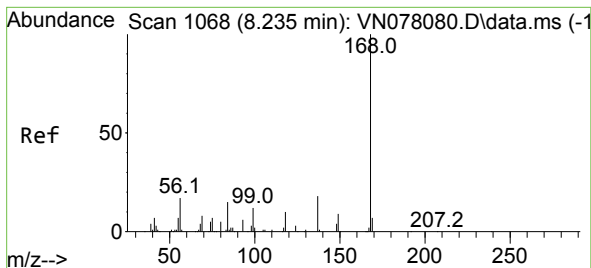
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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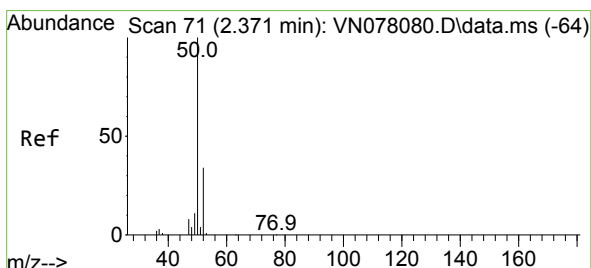
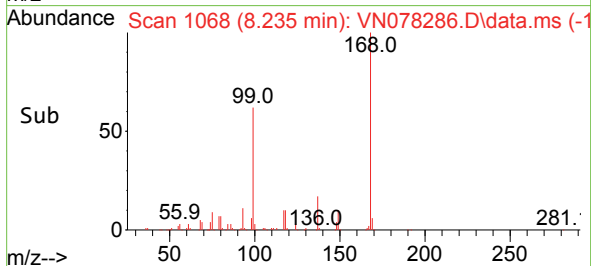
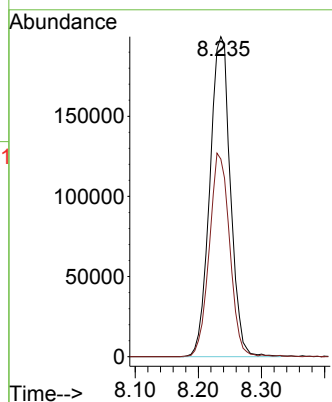
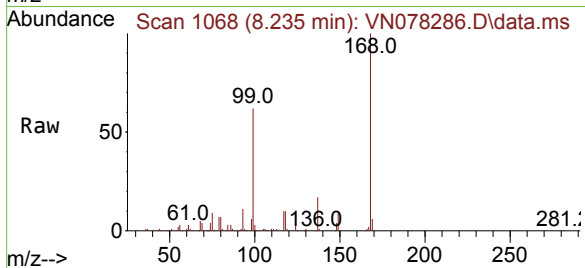




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN078286.D
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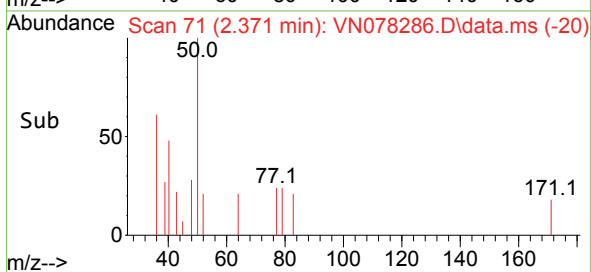
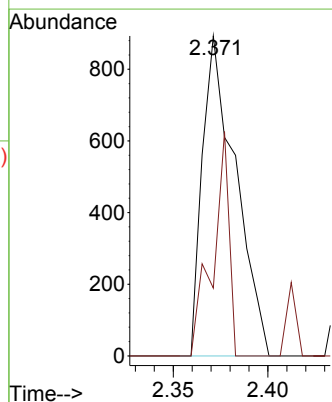
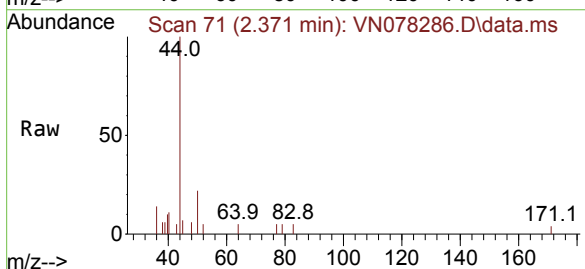
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

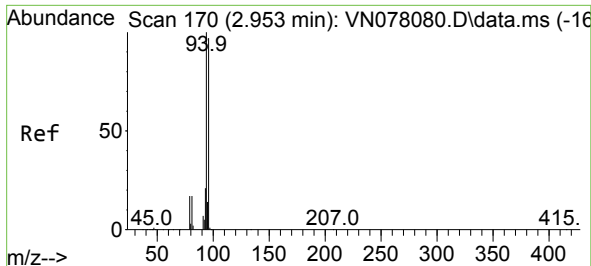
Tgt Ion:168 Resp: 452155
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 50 Resp: 1087
Ion Ratio Lower Upper
50 100
52 21.2 26.5 39.7#

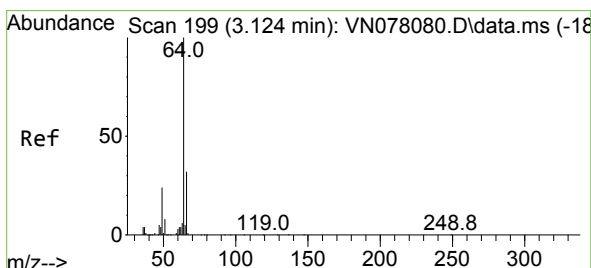
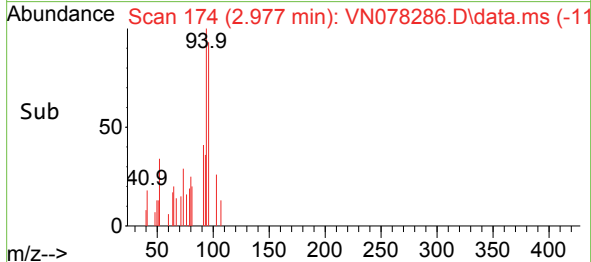
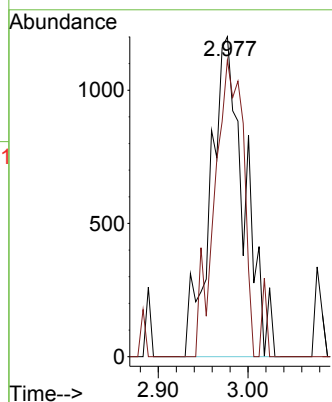
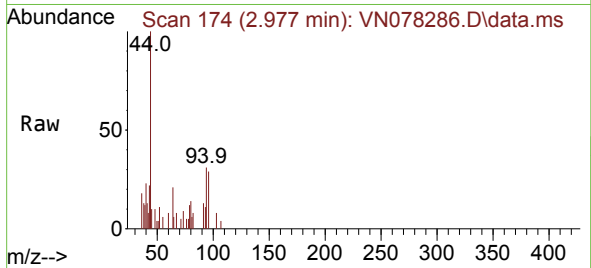




#5
Bromomethane
Concen: 0.626 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

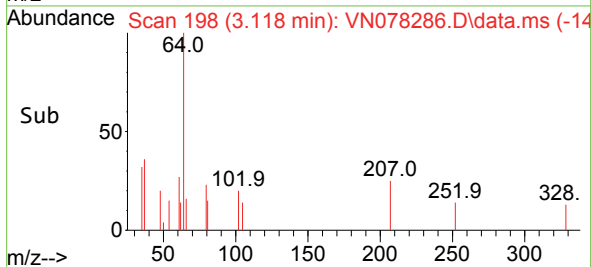
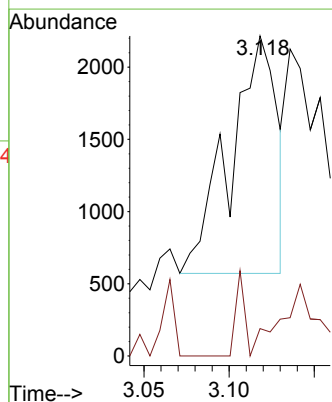
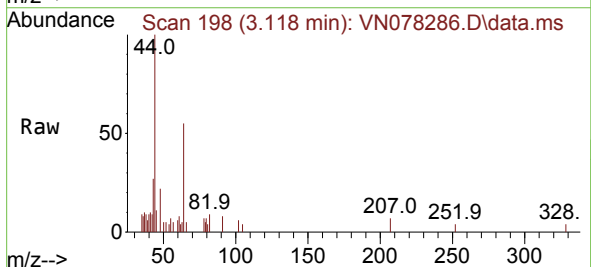
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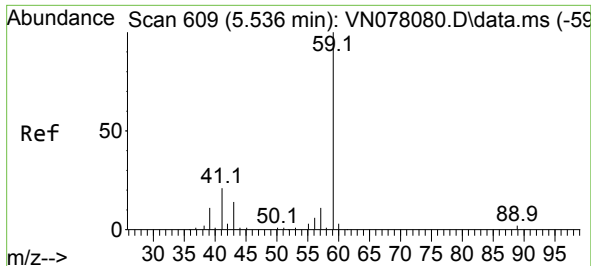
Tgt Ion: 94 Resp: 3167
Ion Ratio Lower Upper
94 100
96 92.8 73.1 109.7



#6
Chloroethane
Concen: 0.690 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 64 Resp: 3146
Ion Ratio Lower Upper
64 100
66 11.6 25.4 38.2#

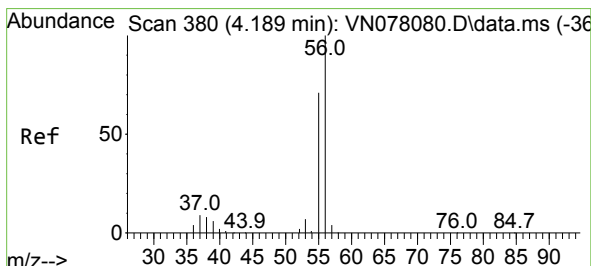
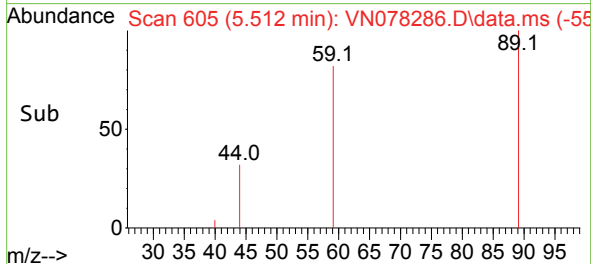
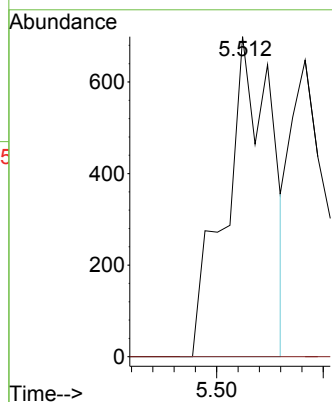
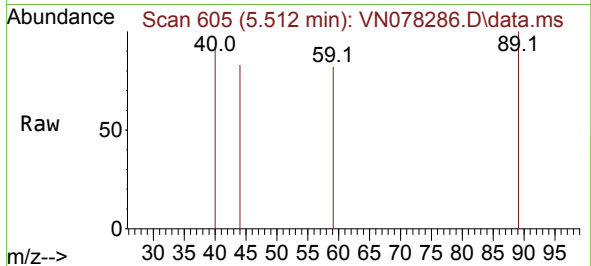




#11
Tert butyl alcohol
Concen: 1.267 ug/l
RT: 5.512 min Scan# 609
Delta R.T. -0.023 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

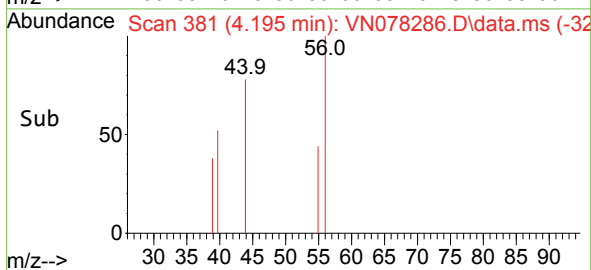
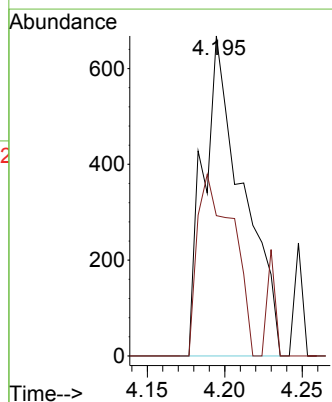
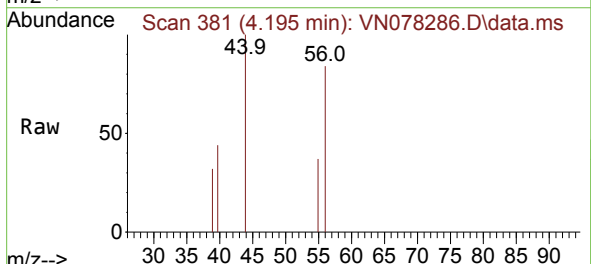
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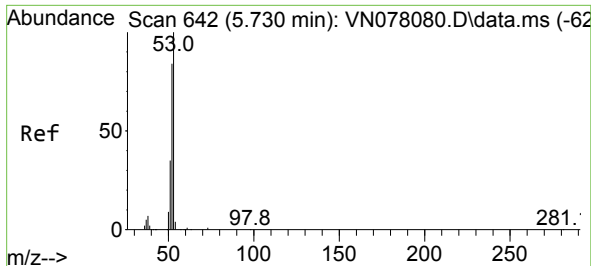
Tgt Ion: 59 Resp: 1055
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.289 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 56 Resp: 1183
Ion Ratio Lower Upper
56 100
55 51.1 54.5 81.7#

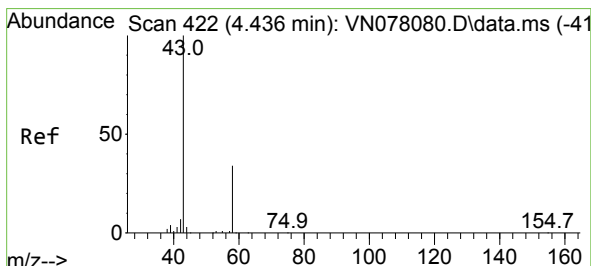
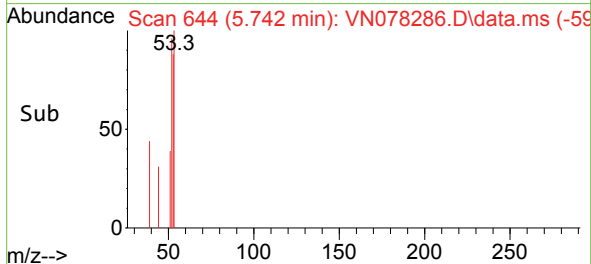
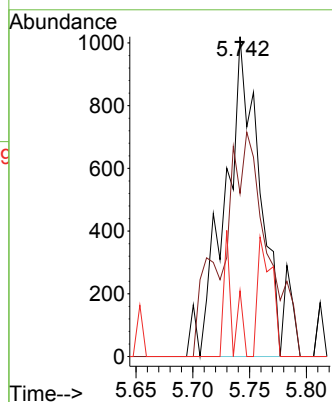
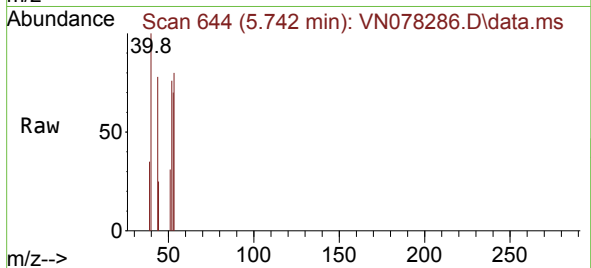




#15
Acrylonitrile
Concen: 0.995 ug/l
RT: 5.742 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

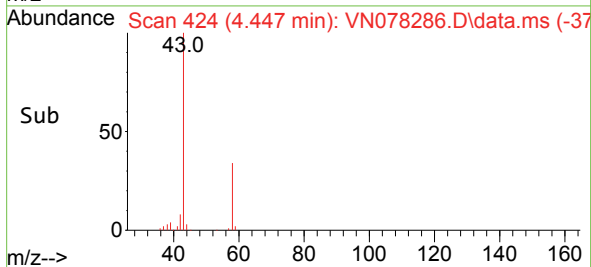
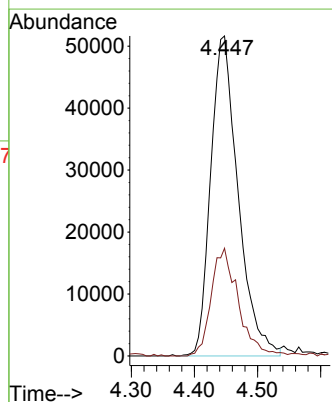
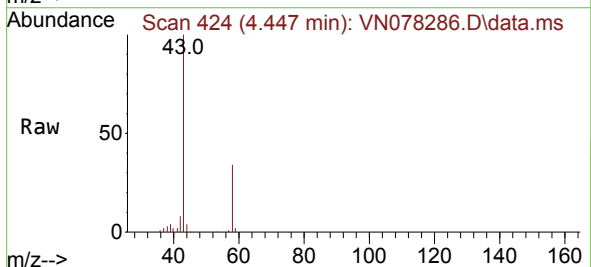
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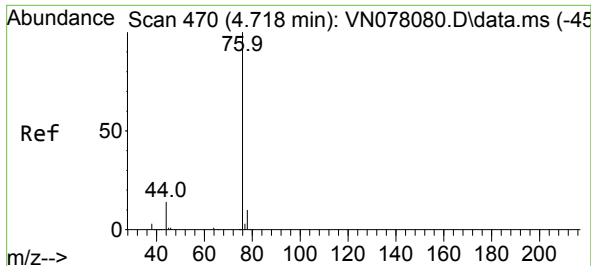
Tgt Ion: 53 Resp: 2136
Ion Ratio Lower Upper
53 100
52 74.4 65.3 97.9
51 15.5 28.9 43.3#



#16
Acetone
Concen: 89.826 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 43 Resp: 155871
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0

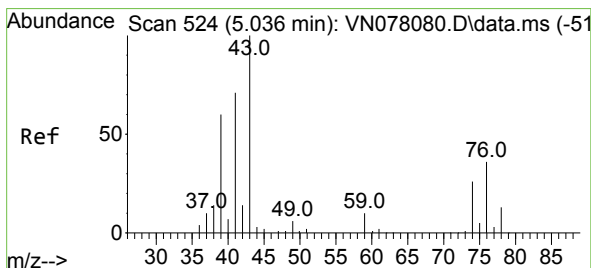
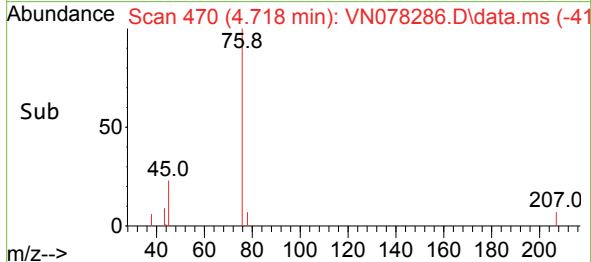
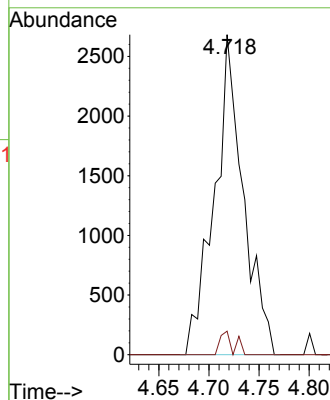
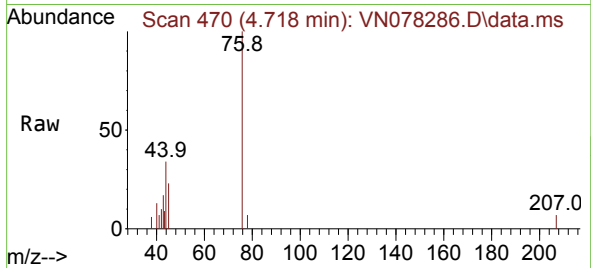




#17
Carbon Disulfide
Concen: 0.424 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078286.D
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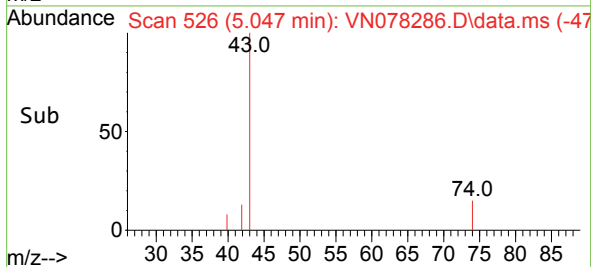
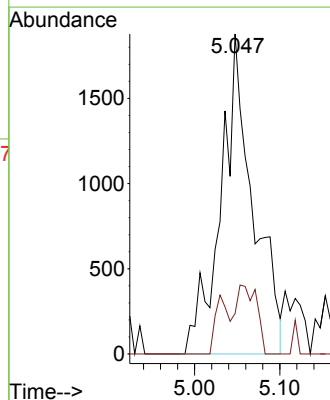
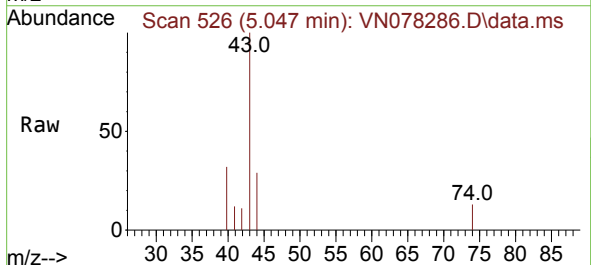
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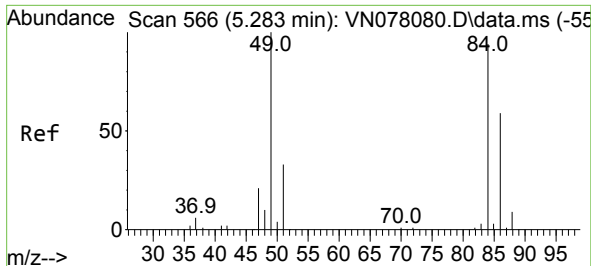
Tgt Ion: 76 Resp: 5392
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0



#18
Methyl Acetate
Concen: 0.616 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

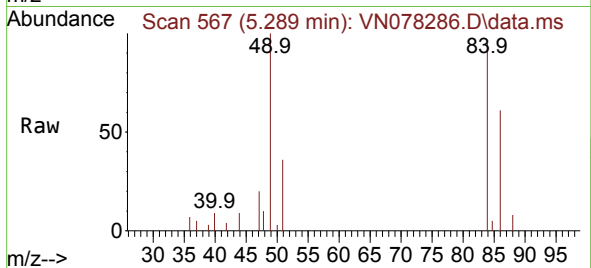
Tgt Ion: 43 Resp: 4924
Ion Ratio Lower Upper
43 100
74 13.9 26.2 39.4#



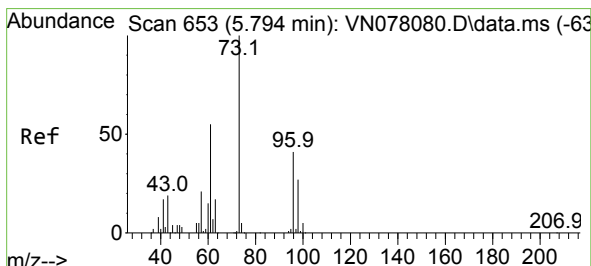
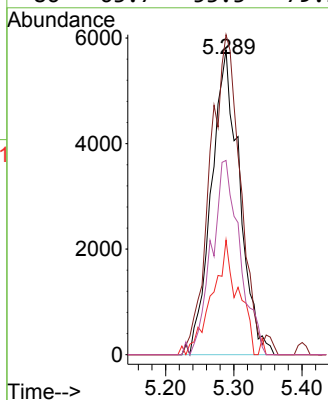
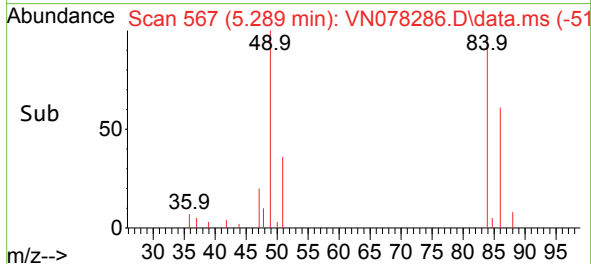


#20
Methylene Chloride
Concen: 2.894 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

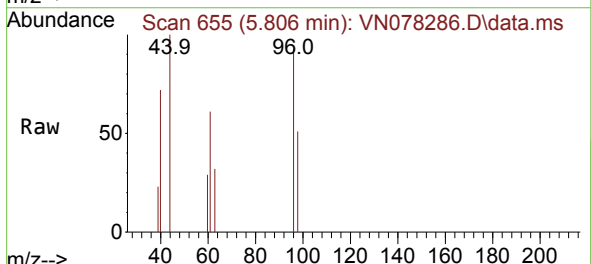
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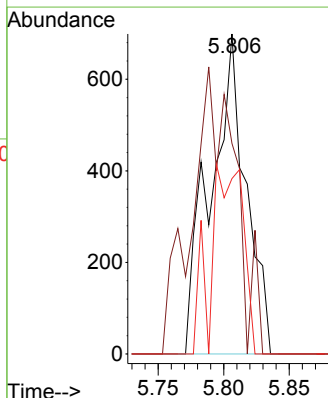
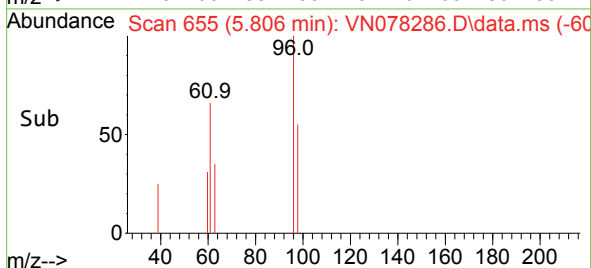
Tgt Ion:	84	Resp:	16597
Ion	Ratio	Lower	Upper
84	100		
49	104.9	79.7	119.5
51	37.6	25.2	37.8
86	63.7	53.3	79.9

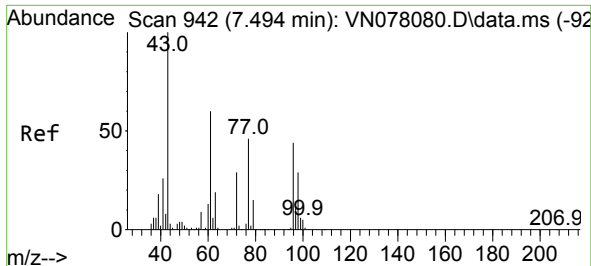


#21
trans-1,2-Dichloroethene
Concen: 0.247 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.012 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13



Tgt Ion:	96	Resp:	1316
Ion	Ratio	Lower	Upper
96	100		
61	65.8	90.1	135.1#
98	54.8	46.4	69.6

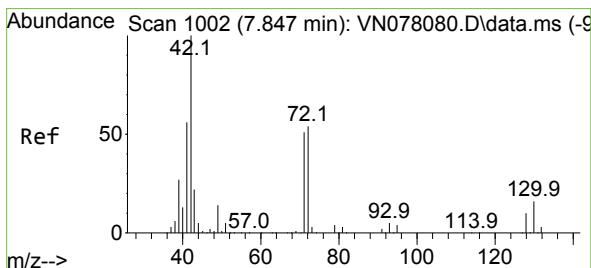
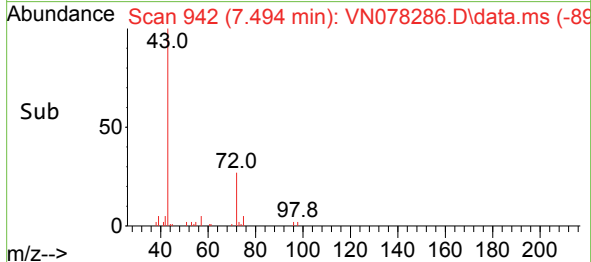
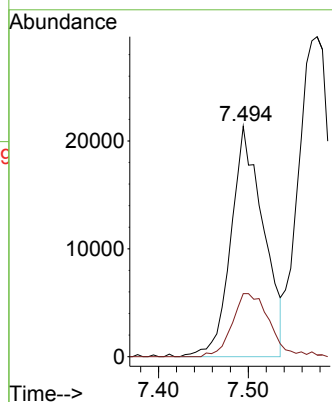
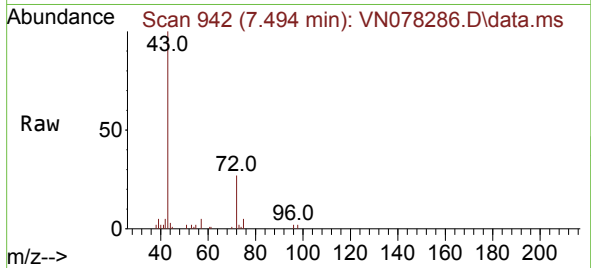




#25
2-Butanone
Concen: 20.126 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

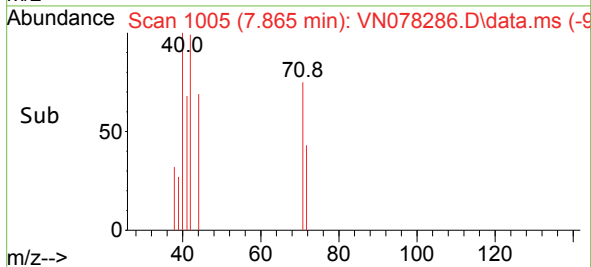
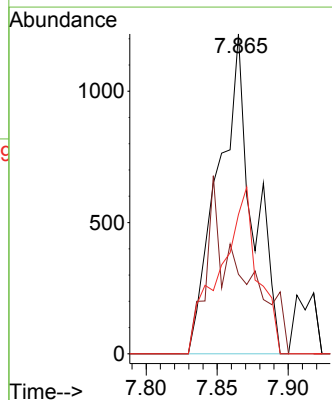
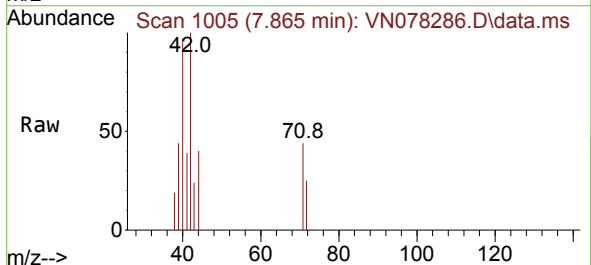
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

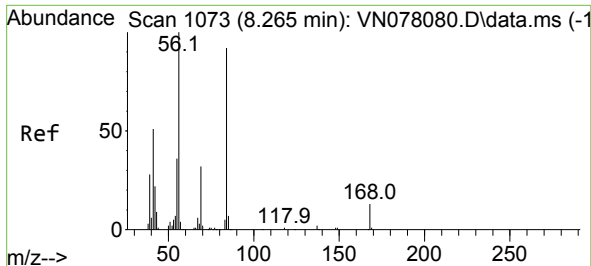
Tgt Ion: 43 Resp: 53706
Ion Ratio Lower Upper
43 100
72 27.4 30.2 45.2#



#29
Tetrahydrofuran
Concen: 1.162 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 42 Resp: 2073
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 56.7 47.4 71.2

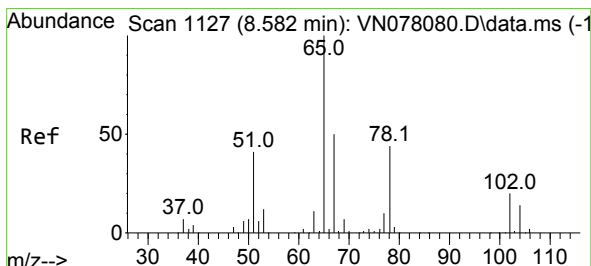
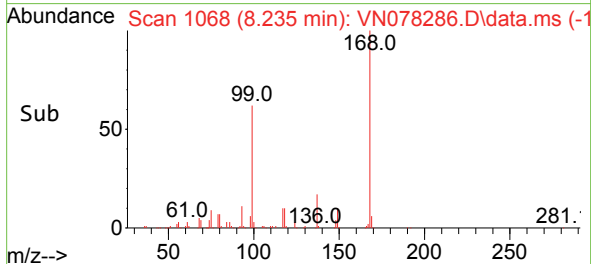
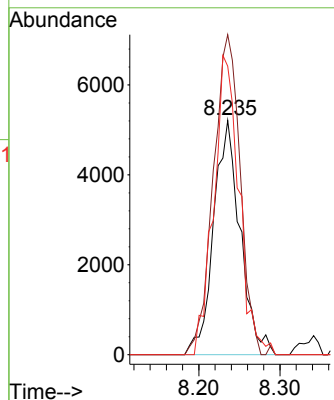
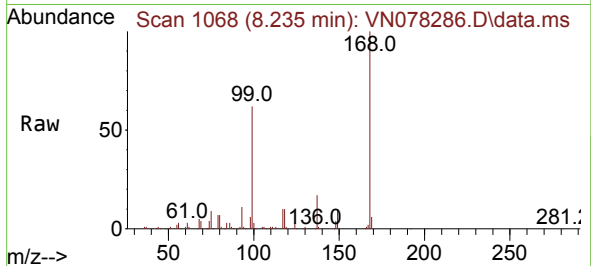




#31
Cyclohexane
Concen: 1.532 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

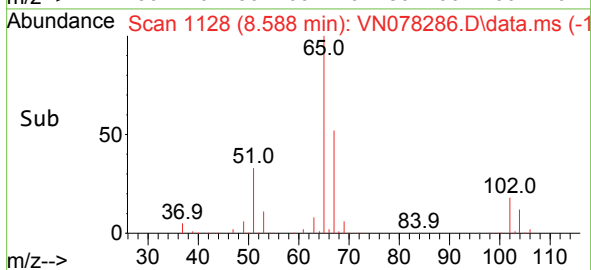
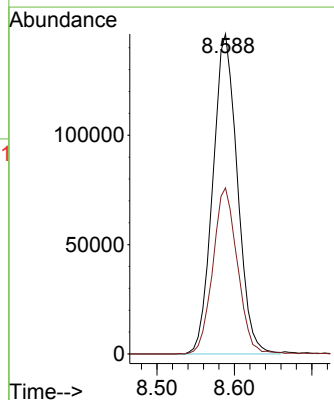
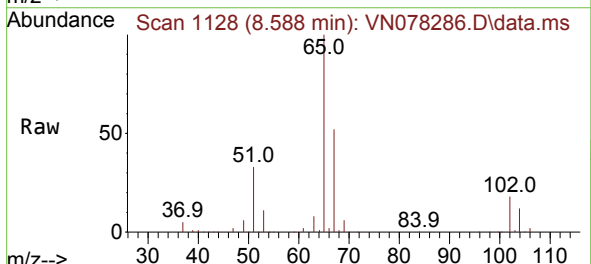
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

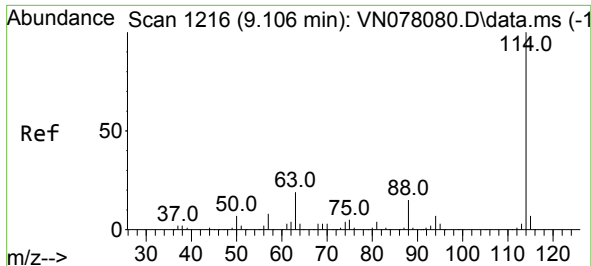
Tgt Ion: 56 Resp: 11848
Ion Ratio Lower Upper
56 100
69 136.6 26.8 40.2#
84 123.2 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 53.442 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 65 Resp: 322180
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

PB153531TB

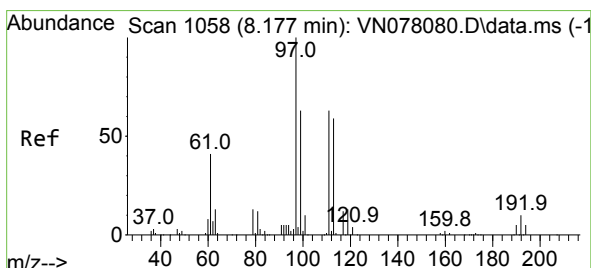
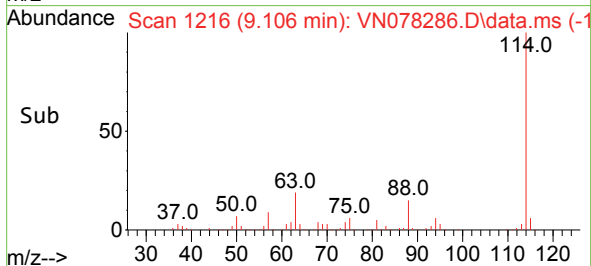
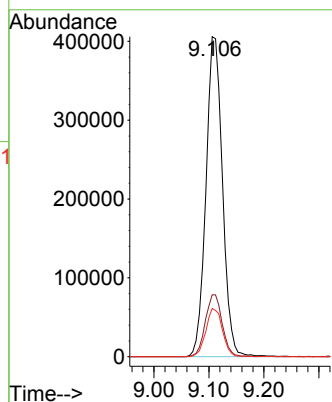
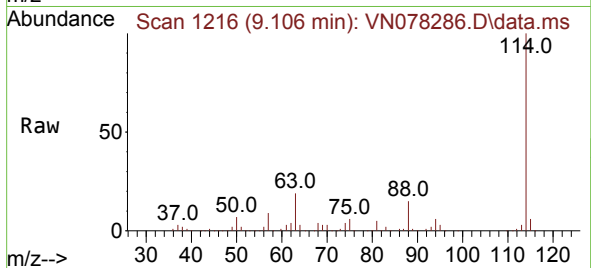
Tgt Ion:114 Resp: 847325

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.158 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

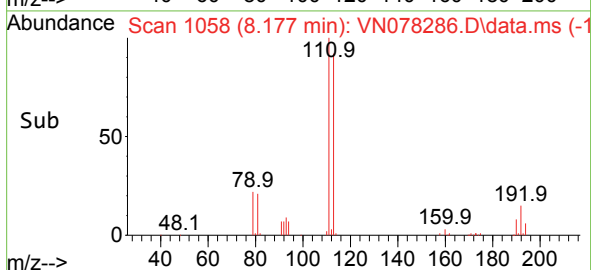
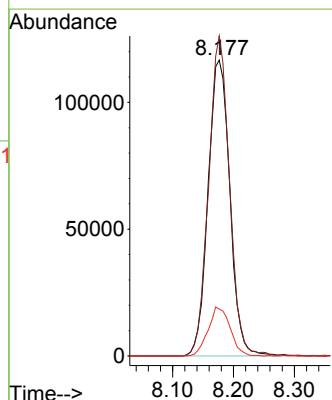
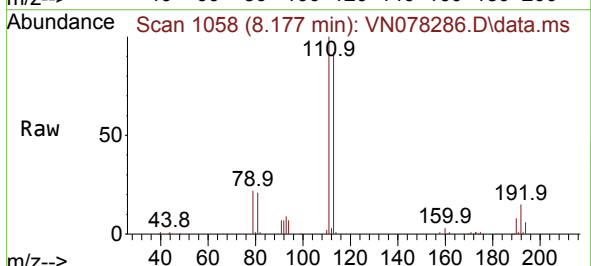
Tgt Ion:113 Resp: 290151

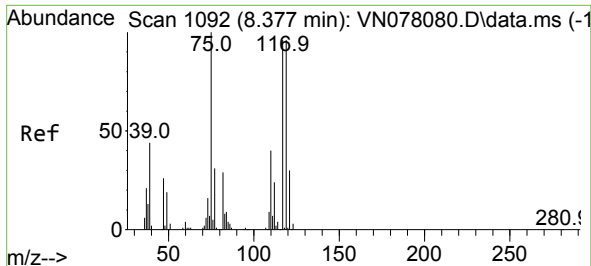
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.7 12.7 19.1

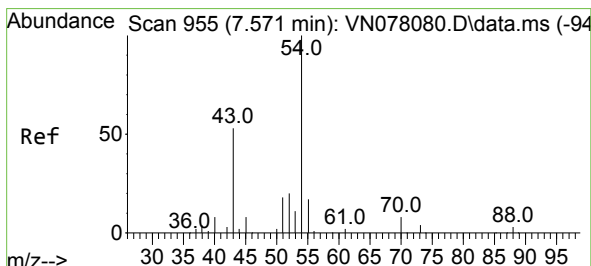
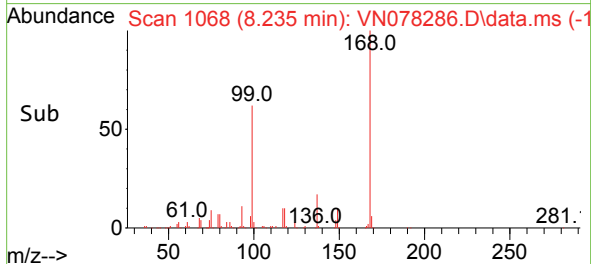
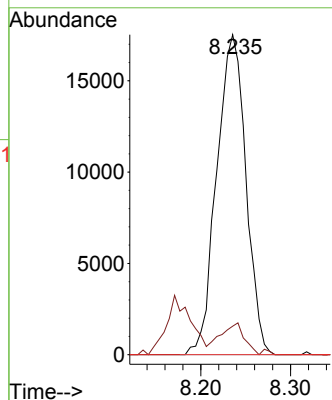
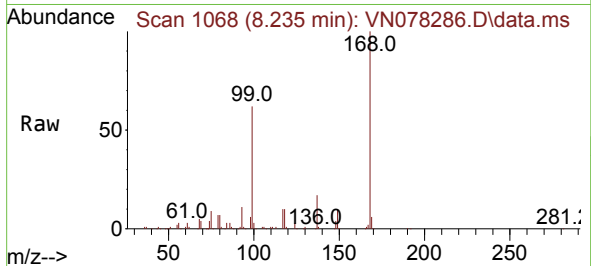




#36
1,1-Dichloropropene
Concen: 5.156 ug/l
RT: 8.235 min Scan# 1092
Delta R.T. -0.141 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

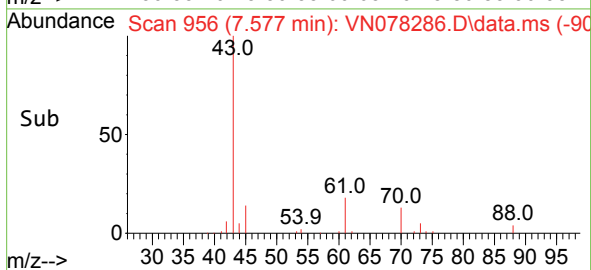
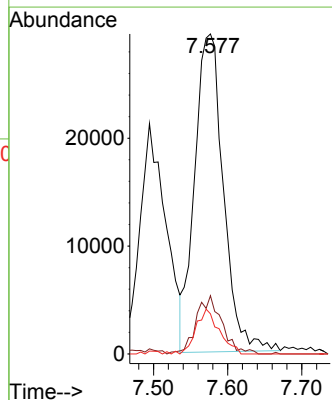
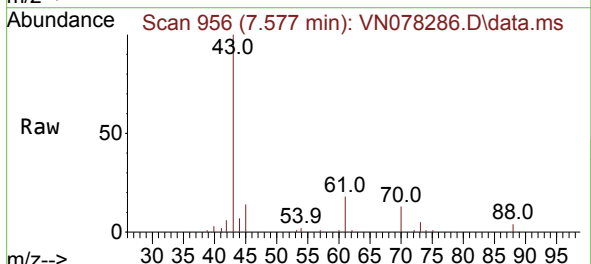
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

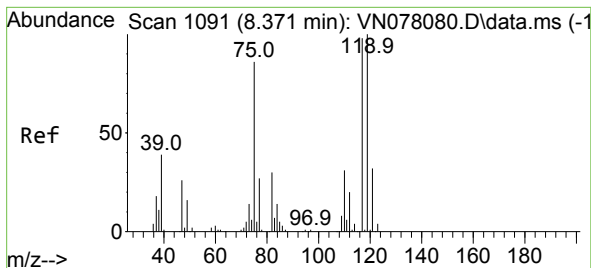
Tgt Ion: 75 Resp: 39626
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 13.243 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 43 Resp: 79501
Ion Ratio Lower Upper
43 100
61 16.4 13.2 19.8
70 11.4 11.3 16.9





#38

Carbon Tetrachloride

Concen: 6.013 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

PB153531TB

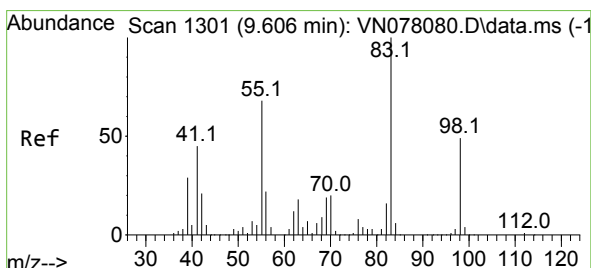
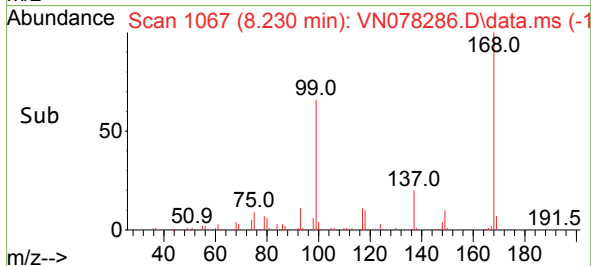
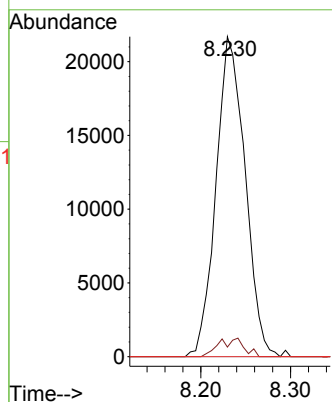
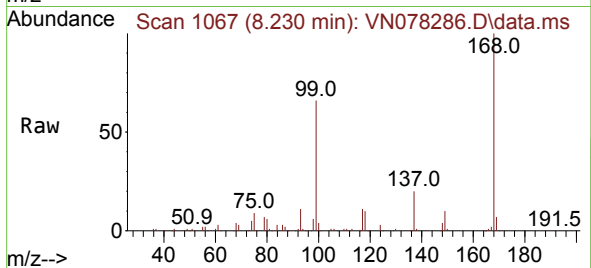
Tgt Ion:117 Resp: 48792

Ion Ratio Lower Upper

117 100

119 3.0 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 0.529 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.012 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

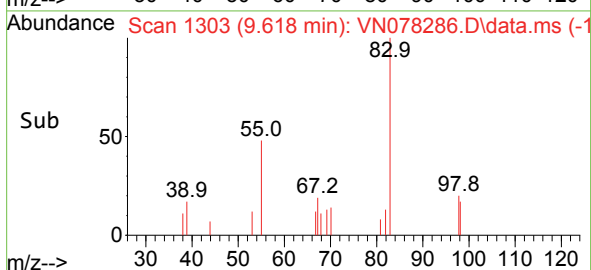
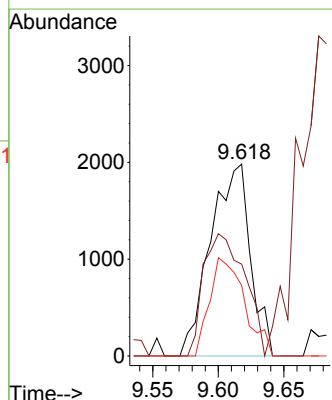
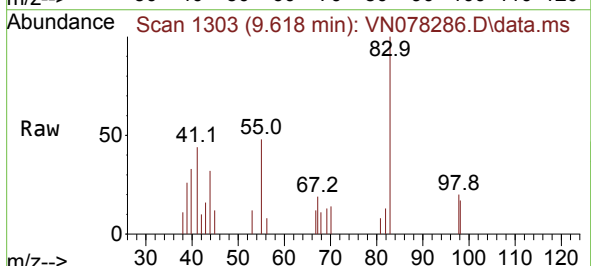
Tgt Ion: 83 Resp: 4211

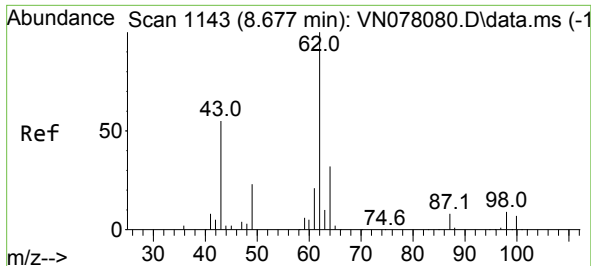
Ion Ratio Lower Upper

83 100

55 47.9 49.1 73.7#

98 36.8 40.6 61.0#





#42

1,2-Dichloroethane

Concen: 0.346 ug/l

RT: 8.682 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

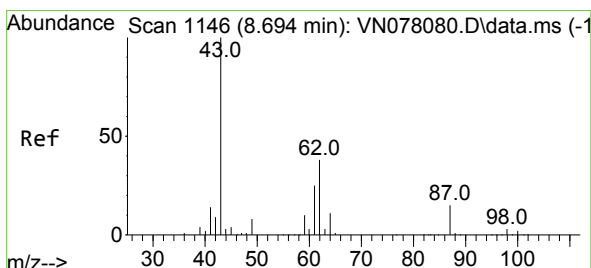
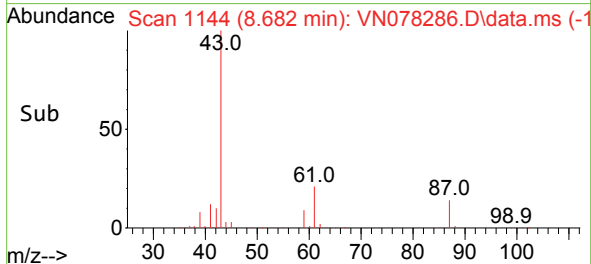
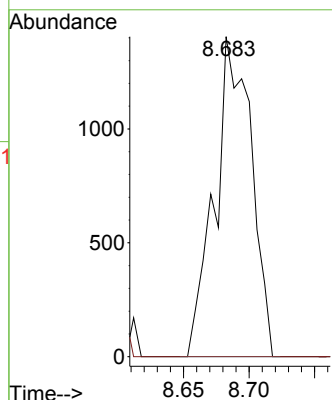
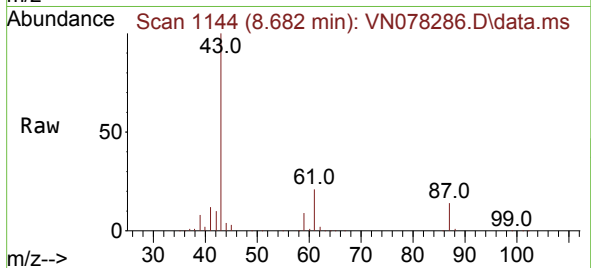
PB153531TB

Tgt Ion: 62 Resp: 2722

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 30.327 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

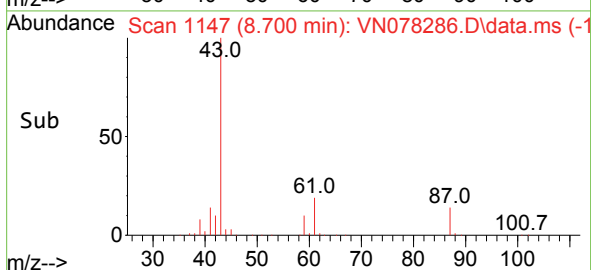
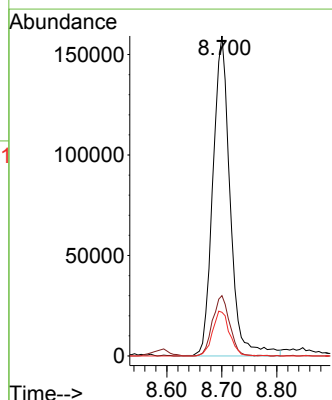
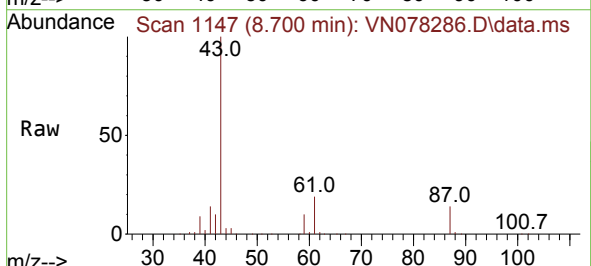
Tgt Ion: 43 Resp: 348191

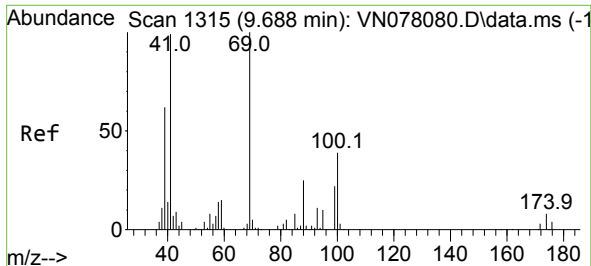
Ion Ratio Lower Upper

43 100

61 18.6 24.7 37.1#

87 13.7 14.6 21.8#

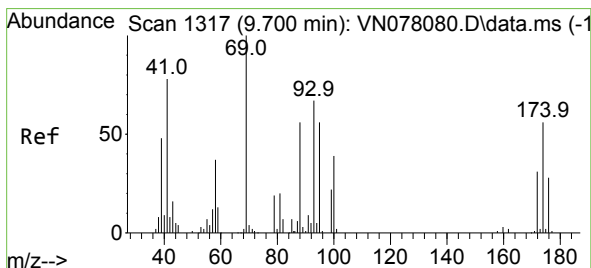
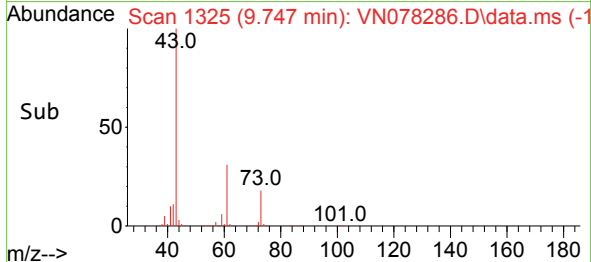
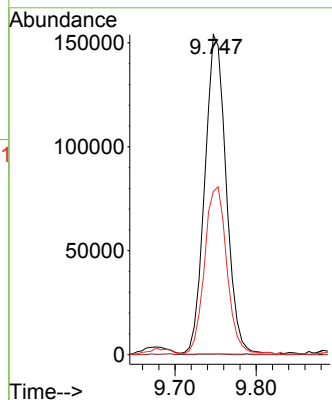
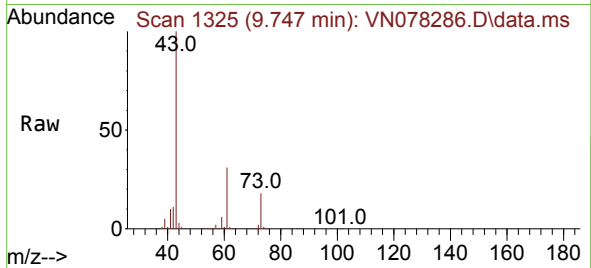




#48
Methyl methacrylate
Concen: 57.967 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

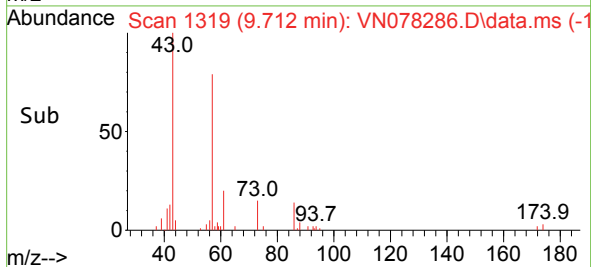
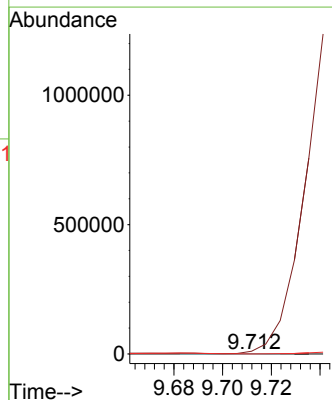
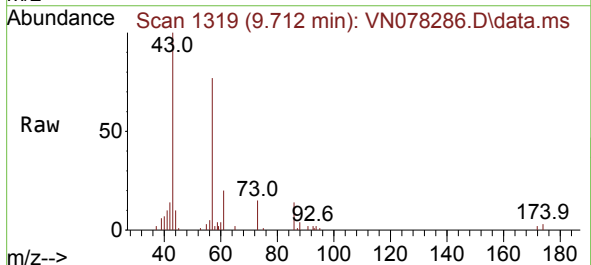
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

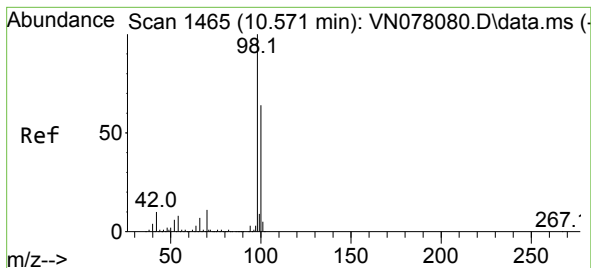
Tgt Ion: 41 Resp: 279290
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 55.1 54.6 81.8



#49
1,4-Dioxane
Concen: 3.743 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 88 Resp: 379
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#





#50

Toluene-d8

Concen: 48.143 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

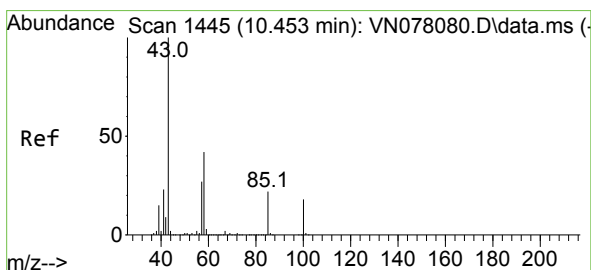
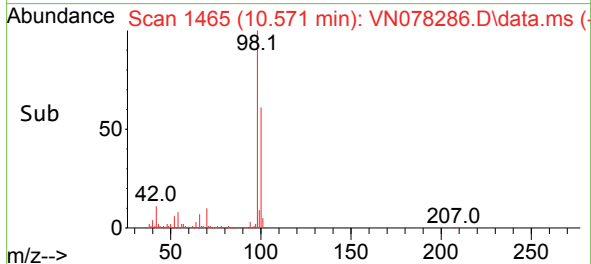
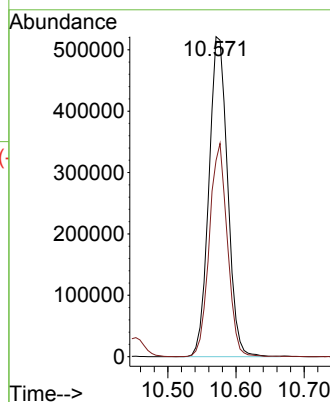
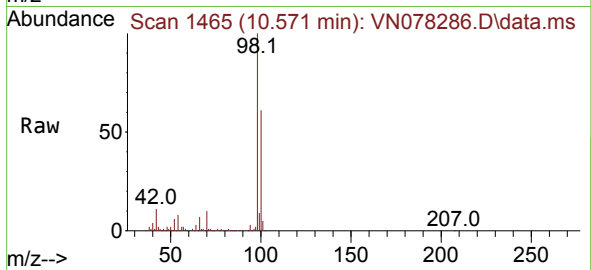
PB153531TB

Tgt Ion: 98 Resp: 994333

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 58.213 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VN078286.D

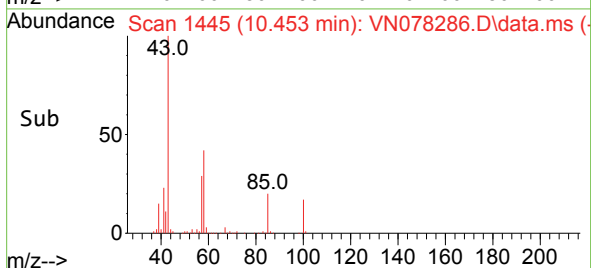
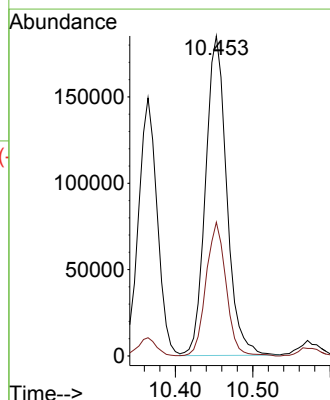
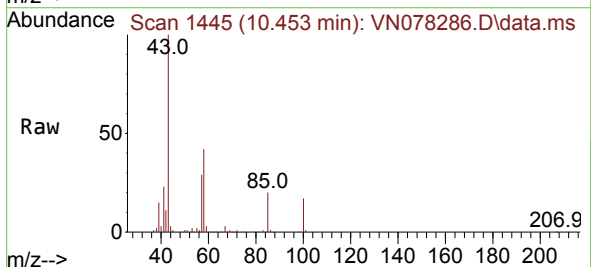
Acq: 19 Jun 2023 18:13

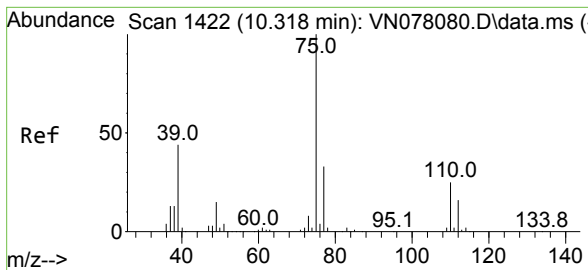
Tgt Ion: 43 Resp: 351946

Ion Ratio Lower Upper

43 100

58 39.6 36.6 54.8

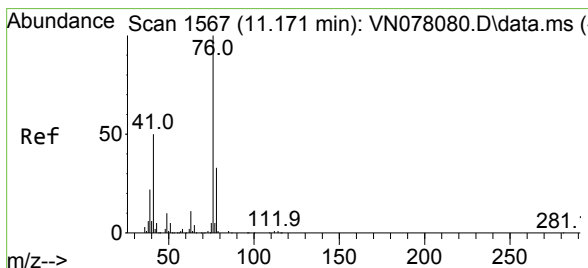
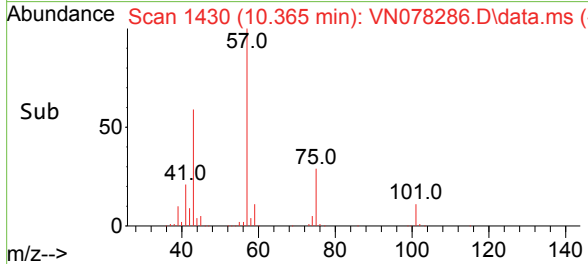
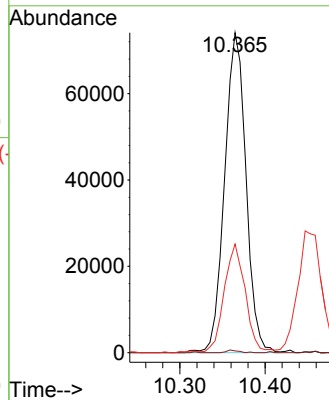
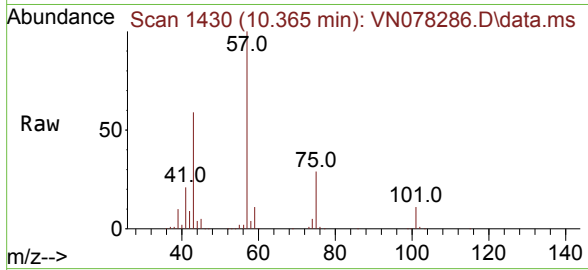




#54
 cis-1,3-Dichloropropene
 Concen: 14.337 ug/l
 RT: 10.365 min Scan# 1422
 Delta R.T. 0.047 min
 Lab File: VN078286.D
 Acq: 19 Jun 2023 18:13

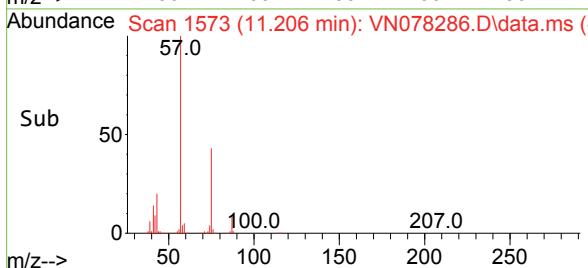
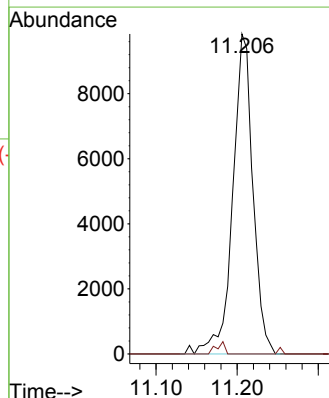
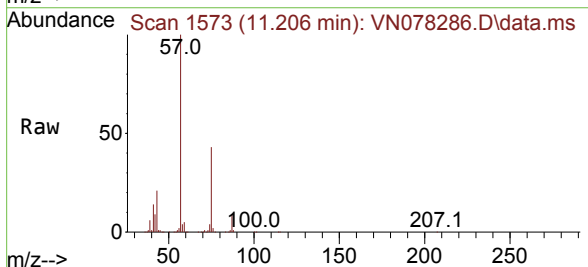
Instrument :
 MSVOA_N
 ClientSampleId :
 PB153531TB

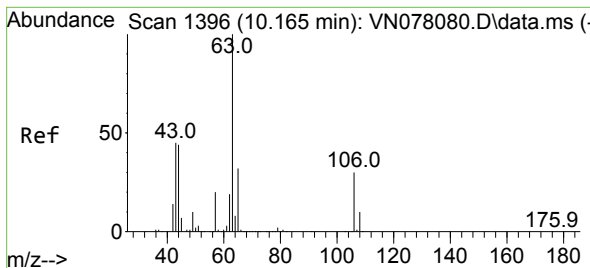
Tgt Ion: 75 Resp: 128904
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.1 39.1#
 39 33.6 31.6 47.4



#57
 1,3-Dichloropropane
 Concen: 1.836 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.035 min
 Lab File: VN078286.D
 Acq: 19 Jun 2023 18:13

Tgt Ion: 76 Resp: 16981
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

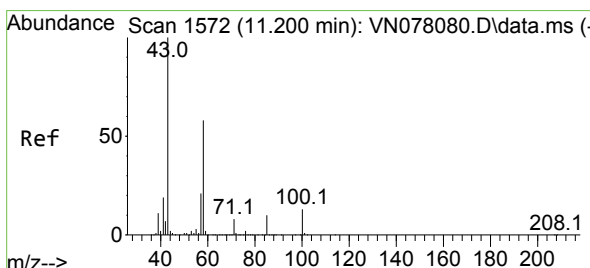
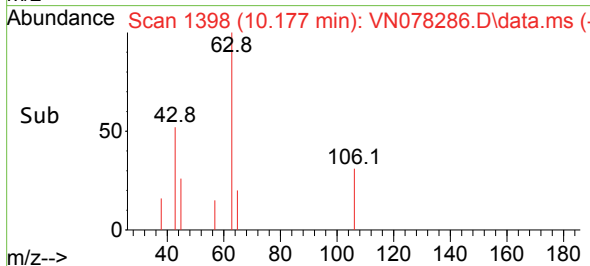
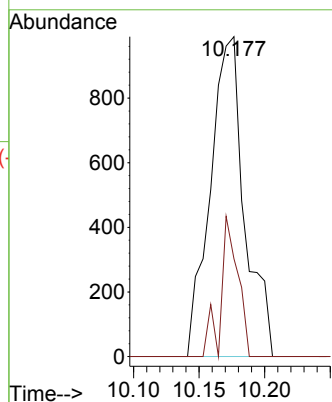
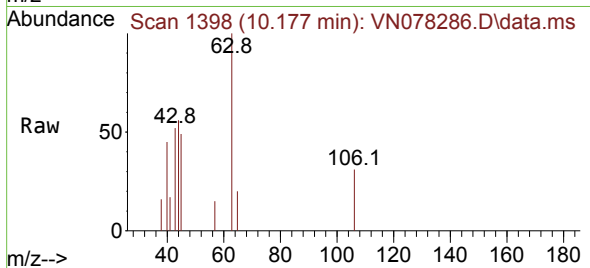




#58
2-Chloroethyl Vinyl ether
Concen: 0.558 ug/l
RT: 10.177 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

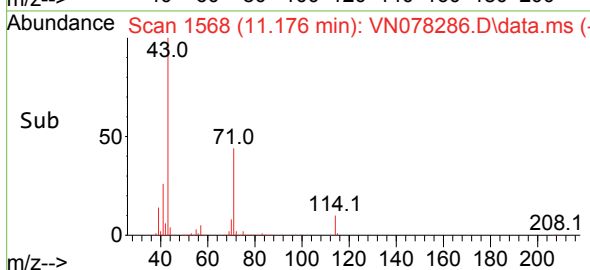
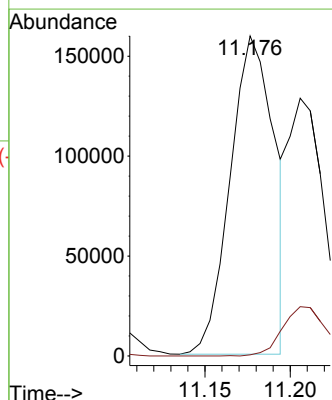
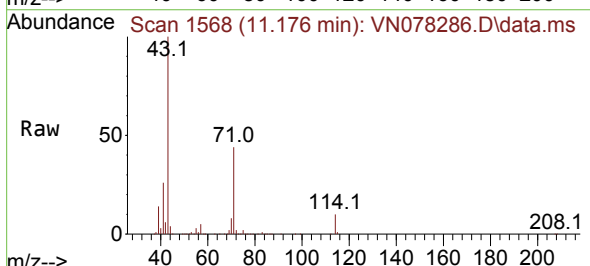
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

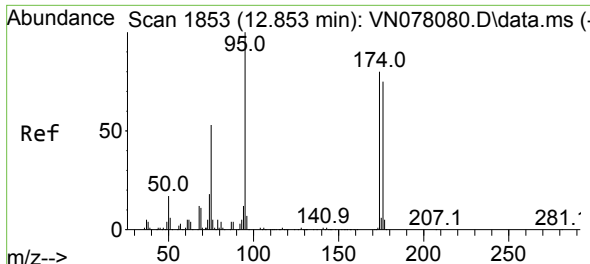
Tgt Ion: 63 Resp: 1800
Ion Ratio Lower Upper
63 100
106 21.8 26.2 39.4#



#59
2-Hexanone
Concen: 68.033 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.023 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 43 Resp: 286396
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

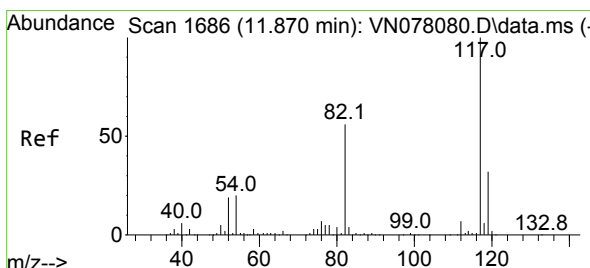
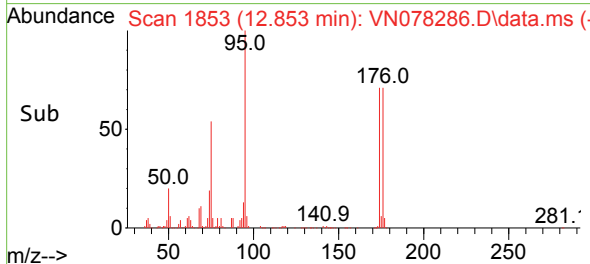
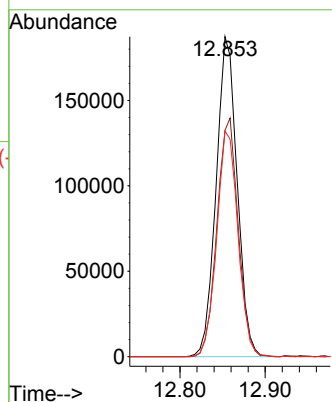
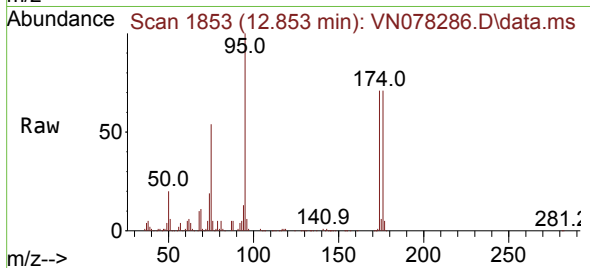




#62
4-Bromofluorobenzene
Concen: 49.934 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

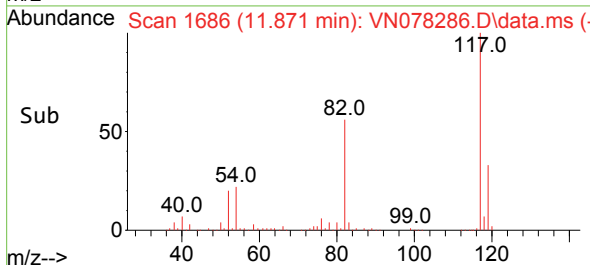
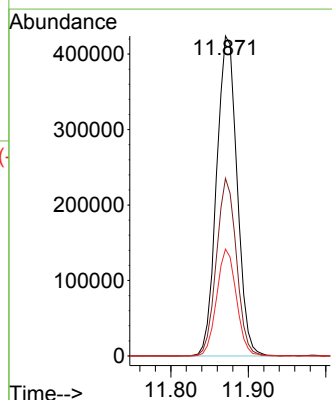
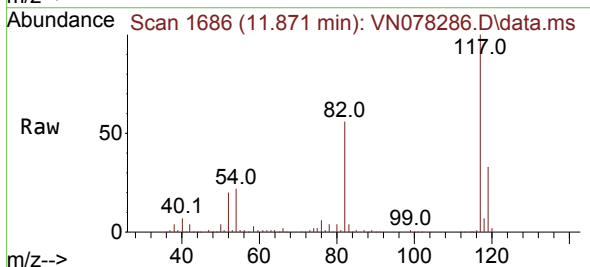
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

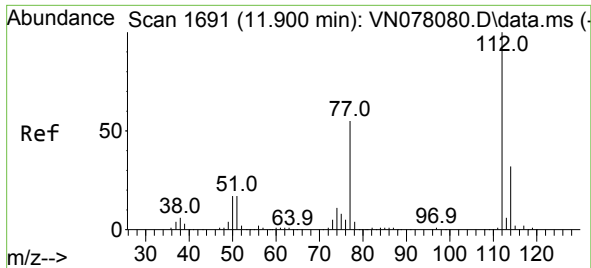
Tgt Ion: 95 Resp: 320613
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 117 Resp: 778835
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 33.4 25.6 38.4

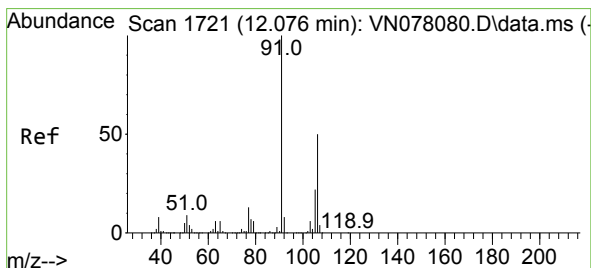
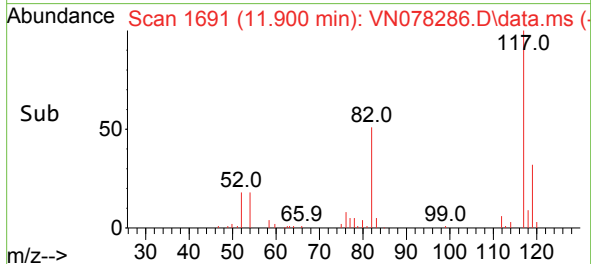
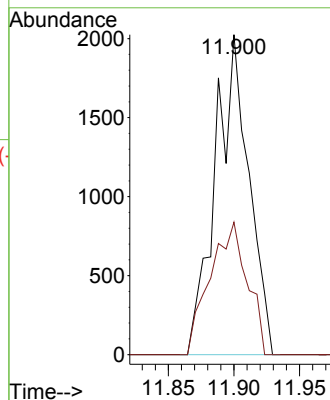
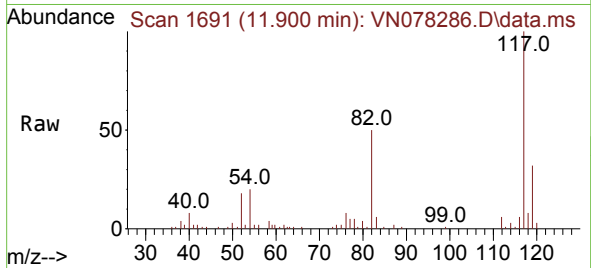




#65
Chlorobenzene
Concen: 0.216 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

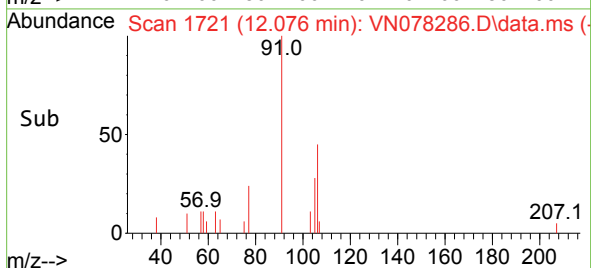
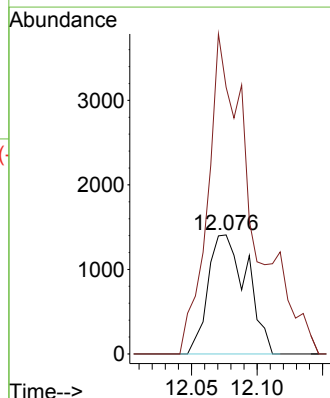
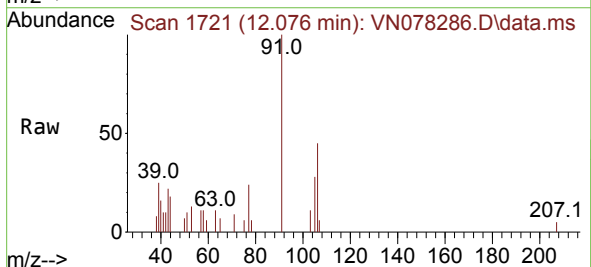
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

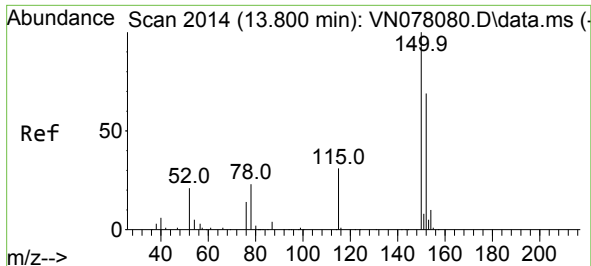
Tgt Ion:112 Resp: 3598
Ion Ratio Lower Upper
112 100
114 41.4 25.0 37.4#



#68
m/p-Xylenes
Concen: 0.266 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion:106 Resp: 2915
Ion Ratio Lower Upper
106 100
91 305.9 159.6 239.4#

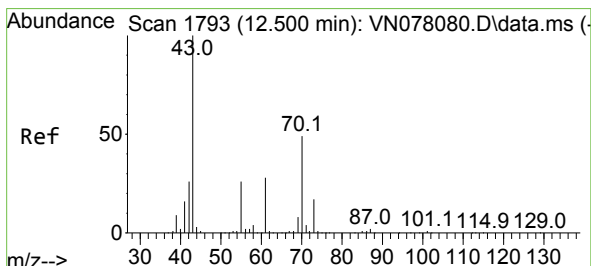
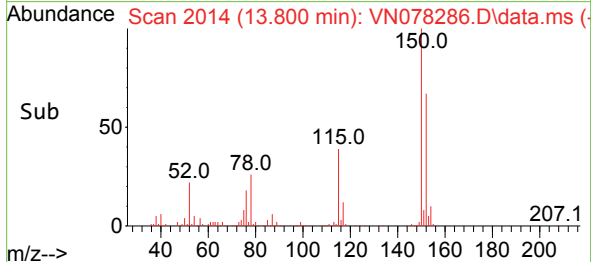
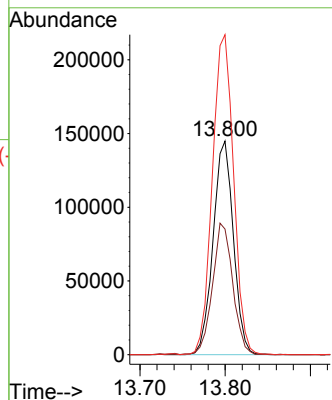
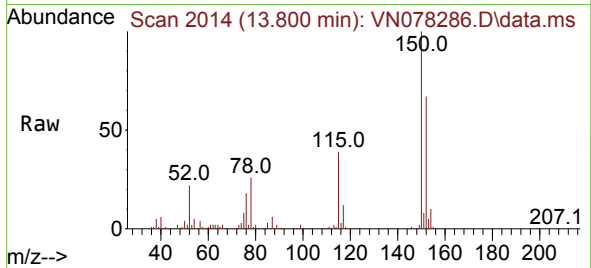




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078286.D
 Acq: 19 Jun 2023 18:13

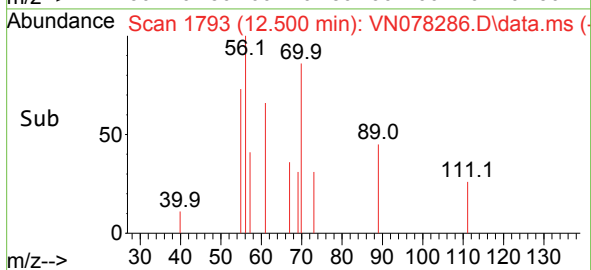
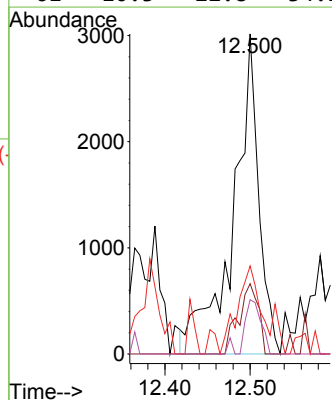
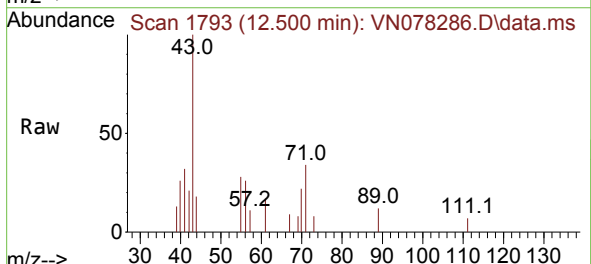
Instrument :
 MSVOA_N
 ClientSampleId :
 PB153531TB

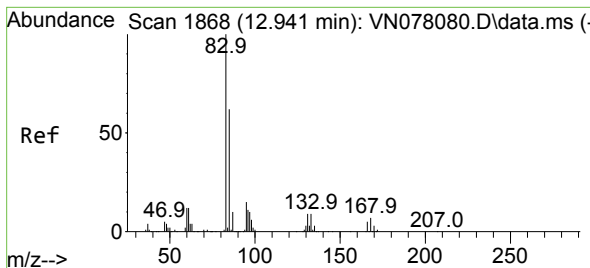
Tgt Ion:152 Resp: 239586
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.3 96.8
 150 156.6 0.0 355.8



#74
 N-ethyl acetate
 Concen: 0.845 ug/l
 RT: 12.500 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VN078286.D
 Acq: 19 Jun 2023 18:13

Tgt Ion: 43 Resp: 6304
 Ion Ratio Lower Upper
 43 100
 70 17.1 43.4 65.2#
 55 24.5 21.4 32.0
 61 10.3 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: VN078286.D

Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

PB153531TB

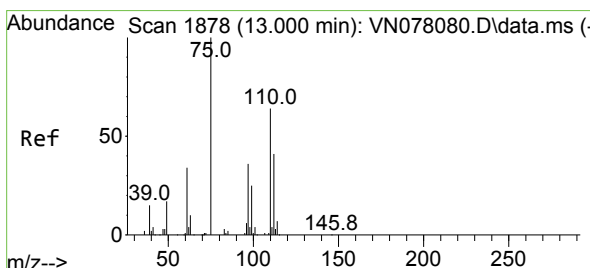
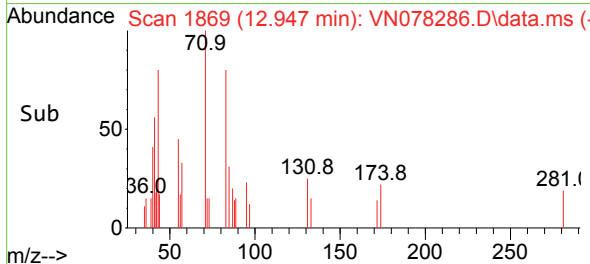
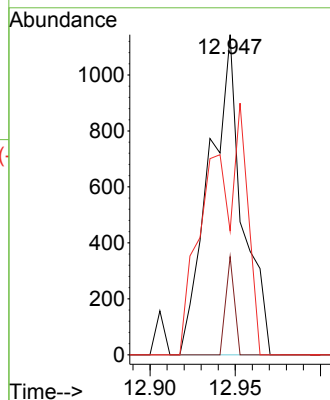
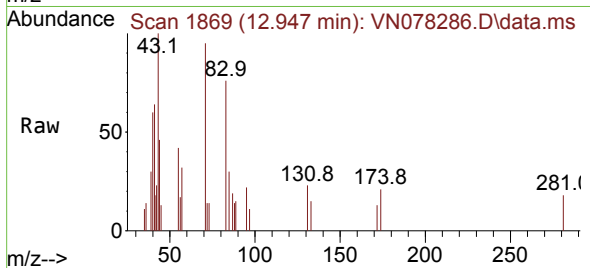
Tgt Ion: 83 Resp: 1545

Ion Ratio Lower Upper

83 100

131 8.0 5.0 15.0

85 90.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 30.403 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078286.D

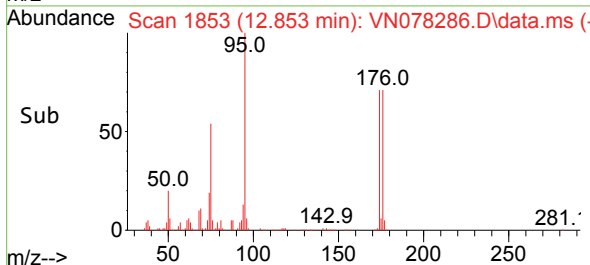
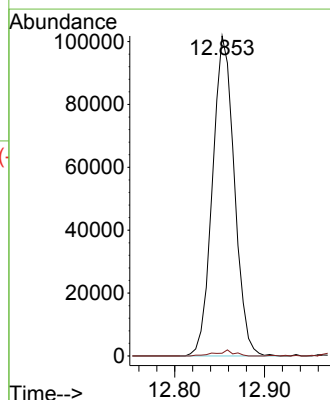
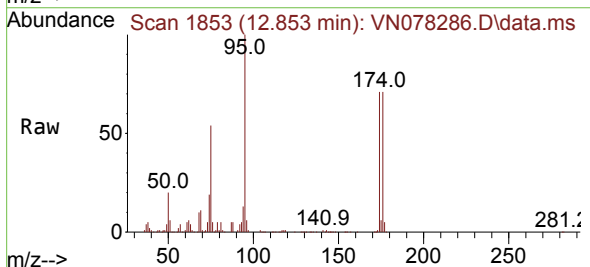
Acq: 19 Jun 2023 18:13

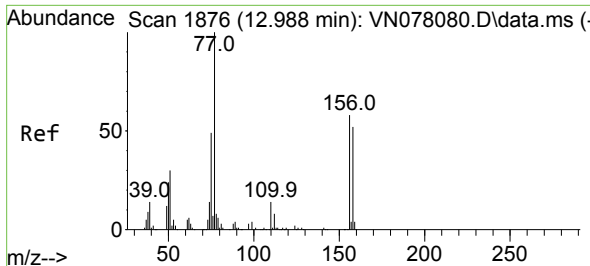
Tgt Ion: 75 Resp: 172197

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#

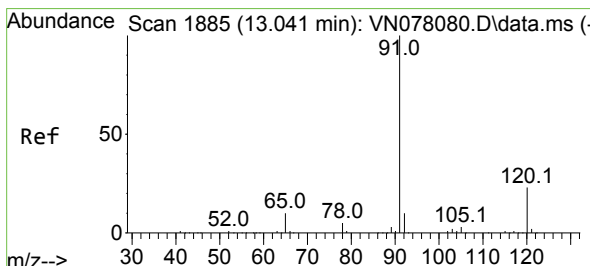
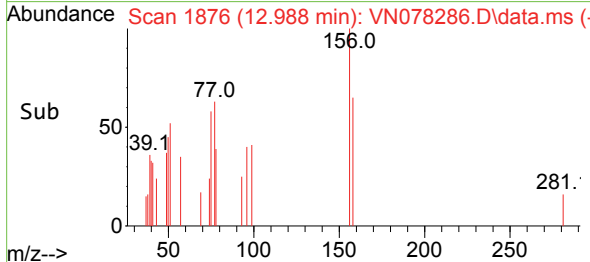
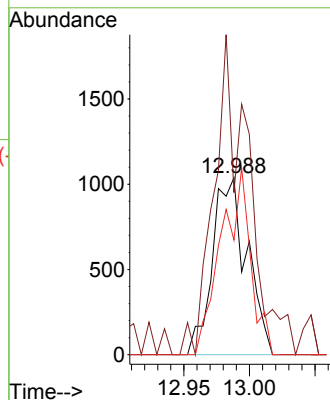
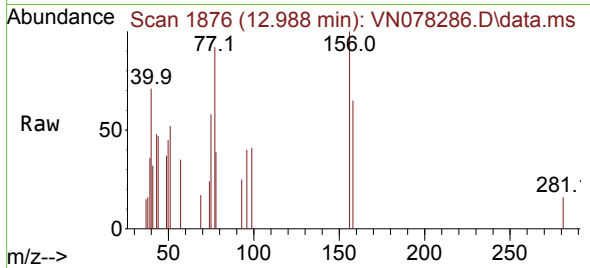




#77
Bromobenzene
Concen: 0.361 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

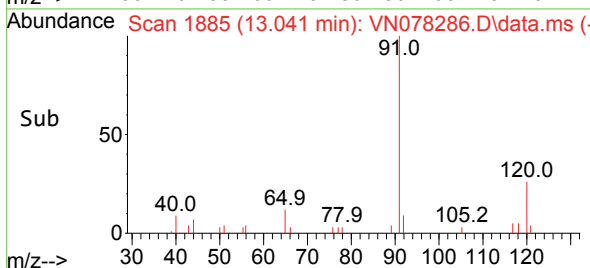
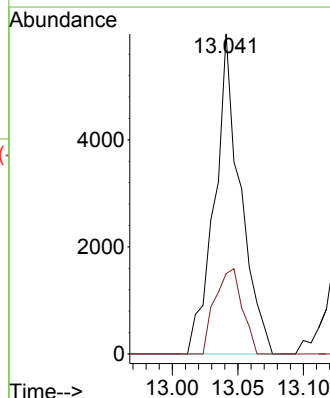
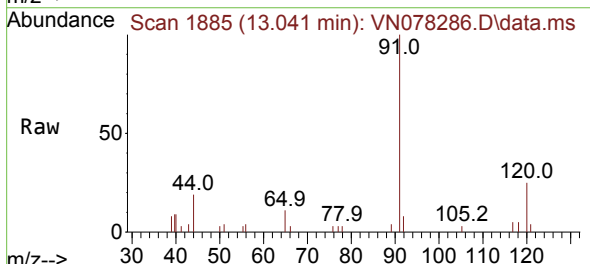
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

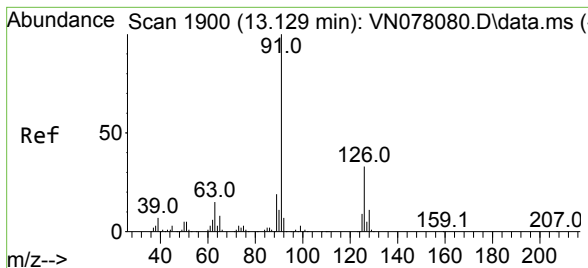
Tgt Ion:156 Resp: 1896
Ion Ratio Lower Upper
156 100
77 181.3 107.7 323.3
158 90.3 48.4 145.3



#78
n-propylbenzene
Concen: 0.331 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 91 Resp: 8144
Ion Ratio Lower Upper
91 100
120 28.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.250 ug/l

RT: 13.135 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

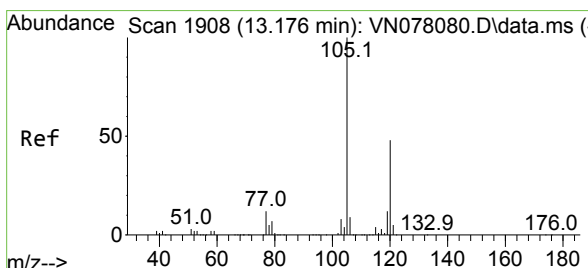
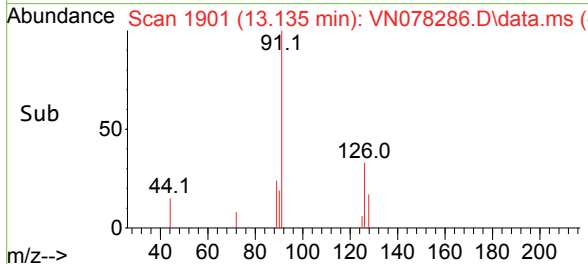
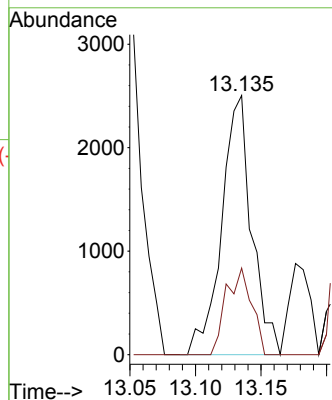
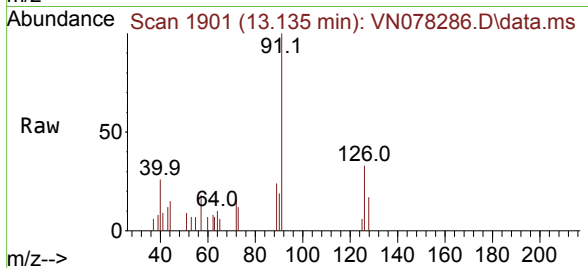
PB153531TB

Tgt Ion: 91 Resp: 3979

Ion Ratio Lower Upper

91 100

126 28.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.332 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078286.D

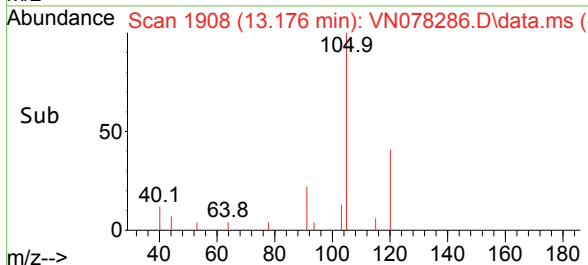
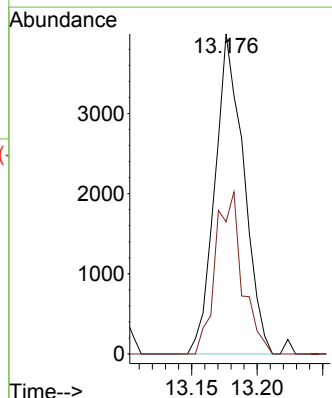
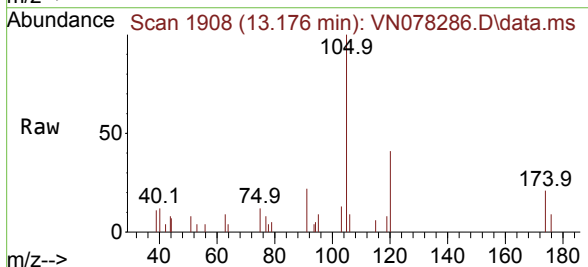
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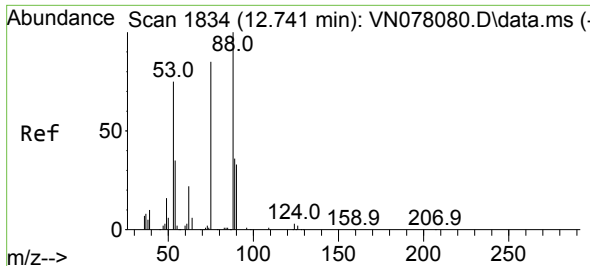
Tgt Ion:105 Resp: 6086

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.3

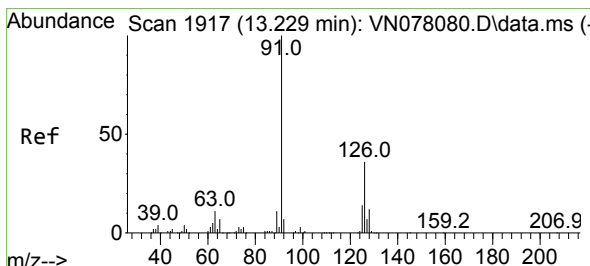
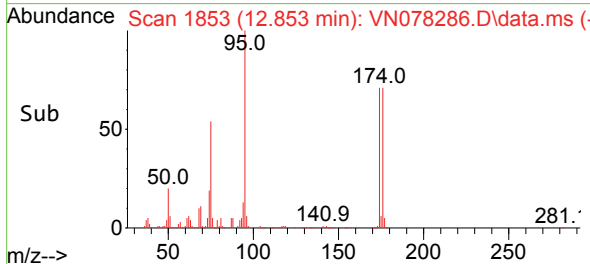
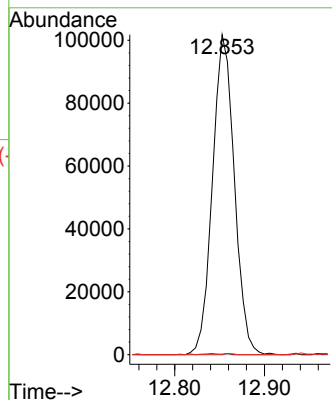
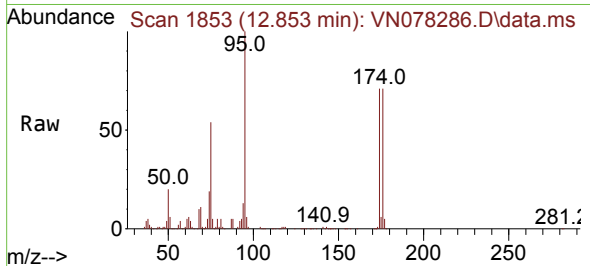




#81
trans-1,4-Dichloro-2-butene
Concen: 93.406 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

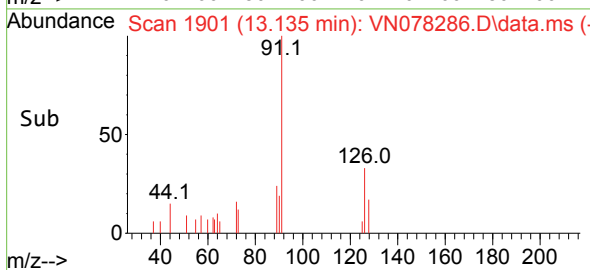
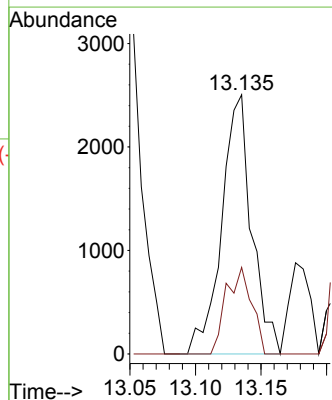
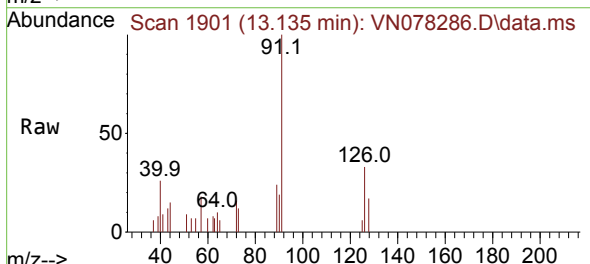
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

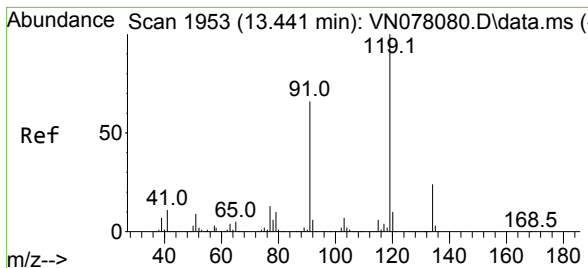
Tgt Ion: 75 Resp: 172197
Ion Ratio Lower Upper
75 100
53 0.3 67.4 101.2#
89 0.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.268 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. -0.094 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 91 Resp: 3979
Ion Ratio Lower Upper
91 100
126 28.4 16.7 50.0

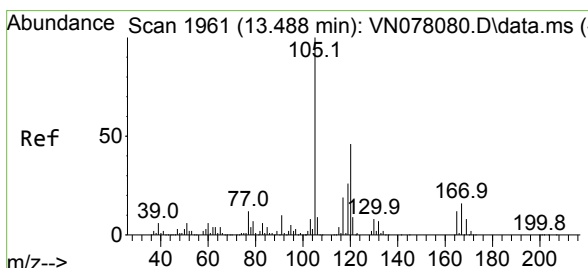
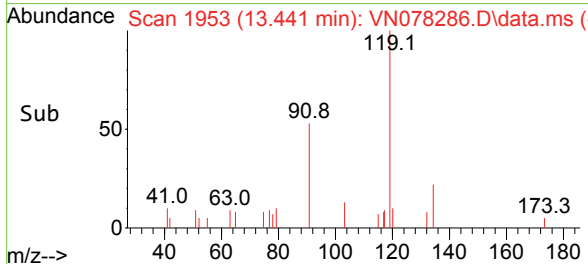
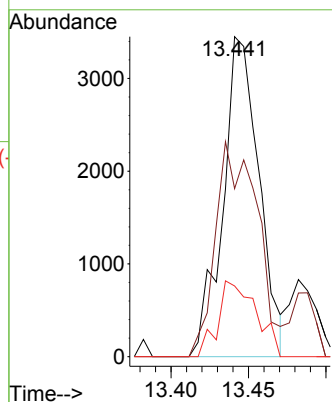
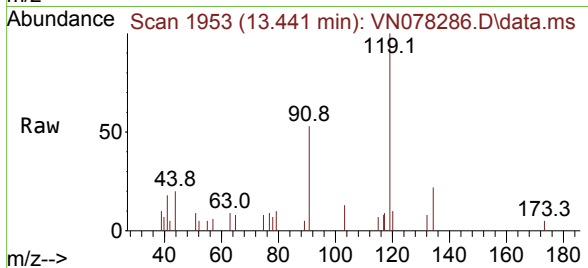




#83
tert-Butylbenzene
Concen: 0.351 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

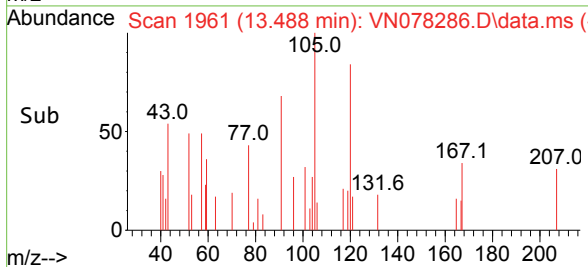
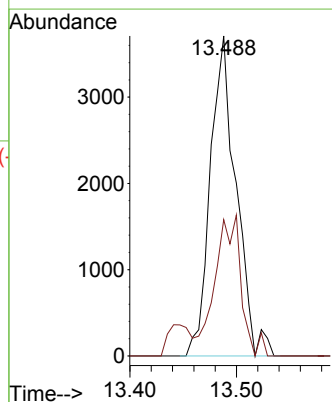
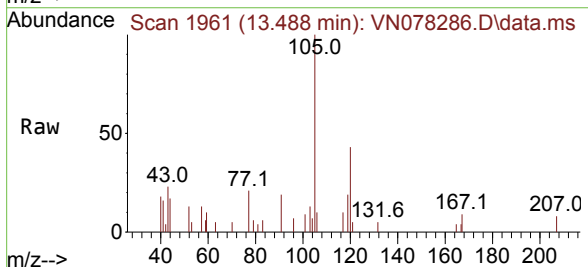
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

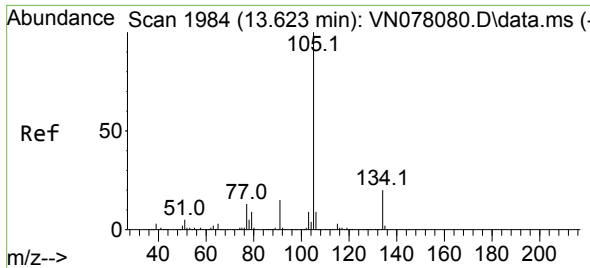
Tgt Ion:119 Resp: 5604
Ion Ratio Lower Upper
119 100
91 77.7 33.9 101.7
134 24.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 0.351 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion:105 Resp: 6242
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0

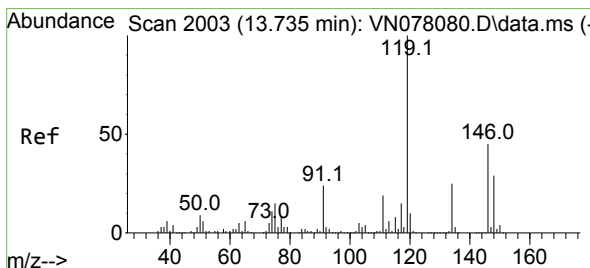
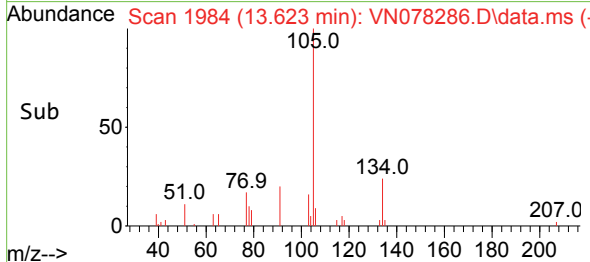
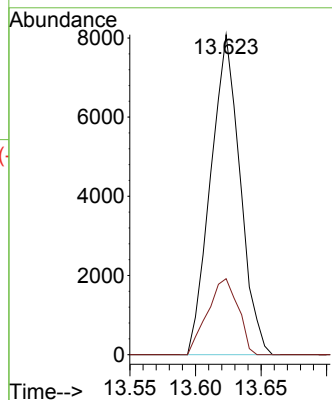
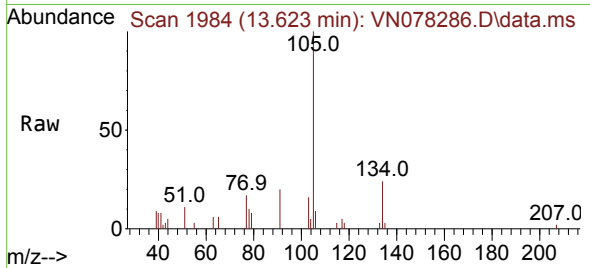




#85
 sec-Butylbenzene
 Concen: 0.605 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078286.D
 Acq: 19 Jun 2023 18:13

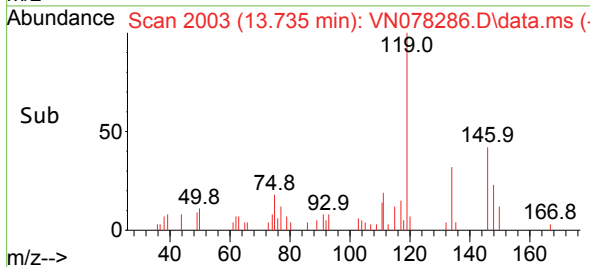
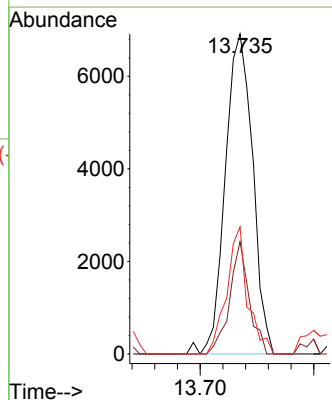
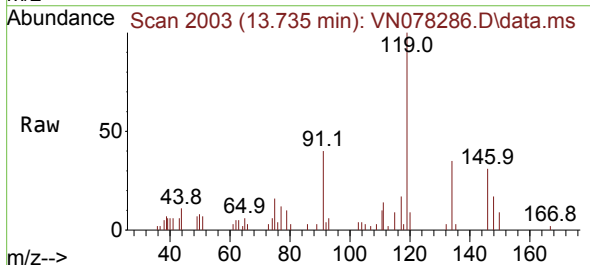
Instrument :
 MSVOA_N
 ClientSampleId :
 PB153531TB

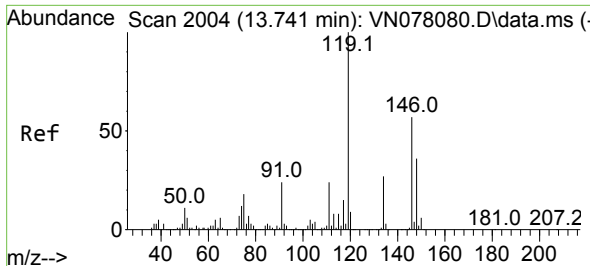
Tgt Ion:105 Resp: 12634
 Ion Ratio Lower Upper
 105 100
 134 24.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.683 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078286.D
 Acq: 19 Jun 2023 18:13

Tgt Ion:119 Resp: 11569
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 30.5 12.4 37.2

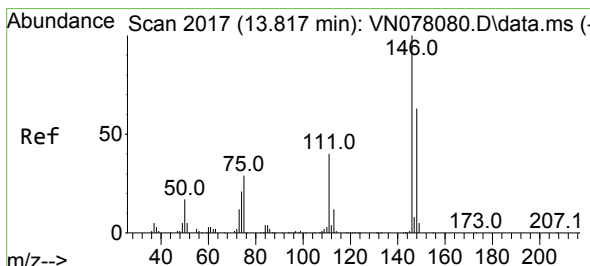
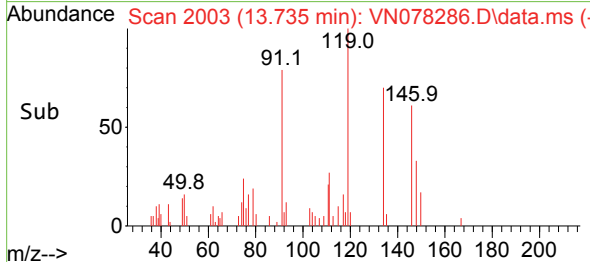
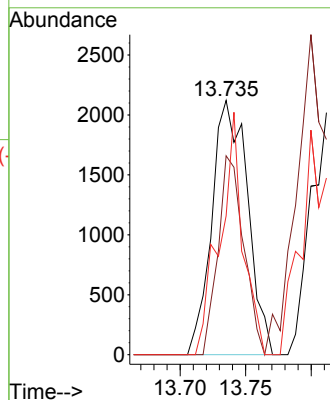
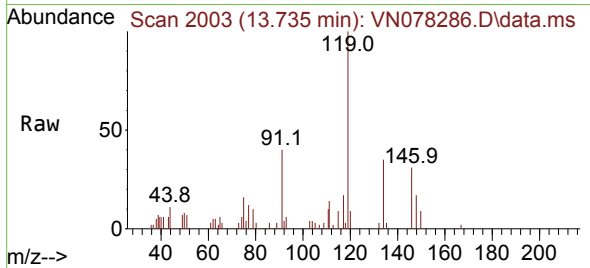




#87
 1,3-Dichlorobenzene
 Concen: 0.451 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN078286.D
 Acq: 19 Jun 2023 18:13

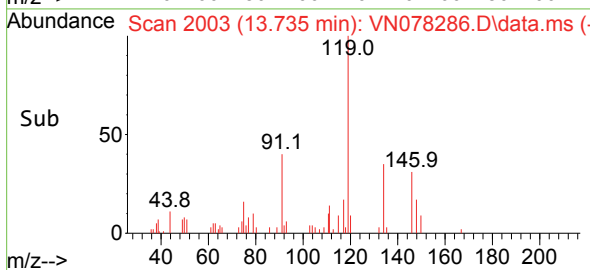
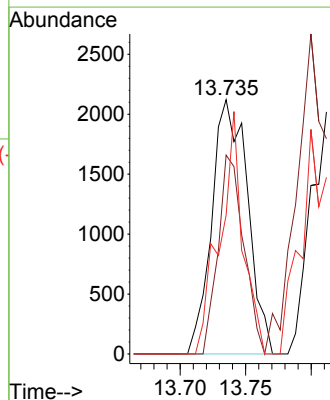
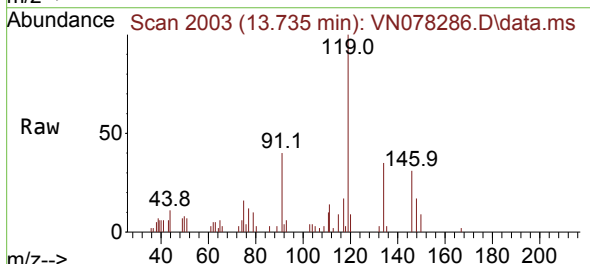
Instrument :
 MSVOA_N
 ClientSampleId :
 PB153531TB

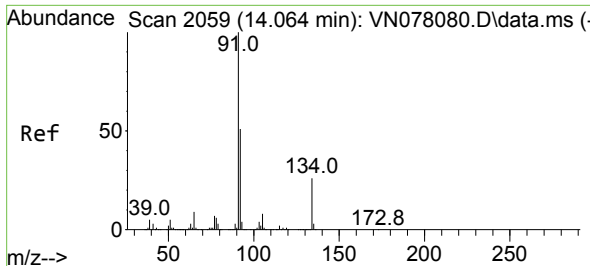
Tgt Ion:146 Resp: 4016
 Ion Ratio Lower Upper
 146 100
 111 56.2 22.1 66.3
 148 61.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.468 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.082 min
 Lab File: VN078286.D
 Acq: 19 Jun 2023 18:13

Tgt Ion:146 Resp: 4016
 Ion Ratio Lower Upper
 146 100
 111 56.2 20.6 61.8
 148 61.9 31.6 94.8

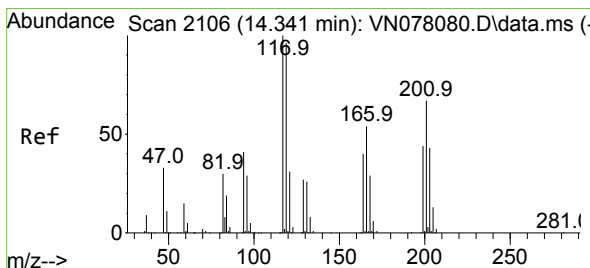
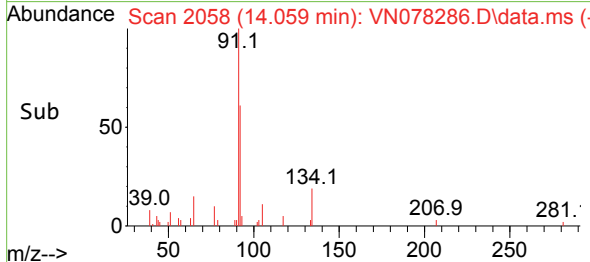
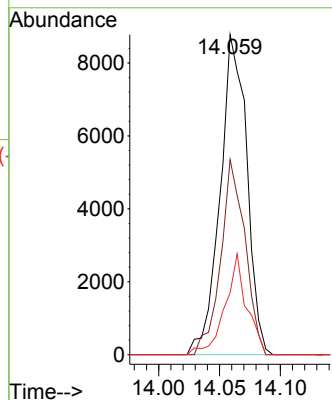
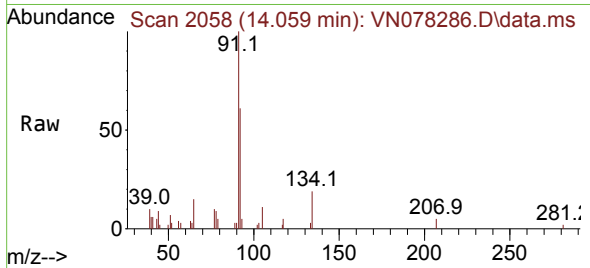




#89
n-Butylbenzene
Concen: 1.003 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

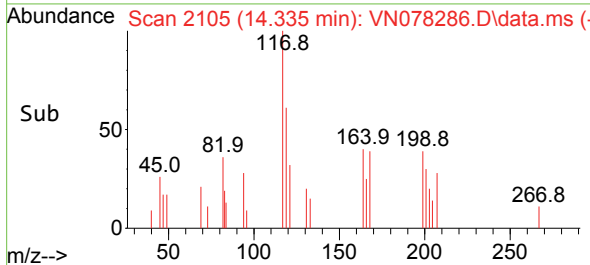
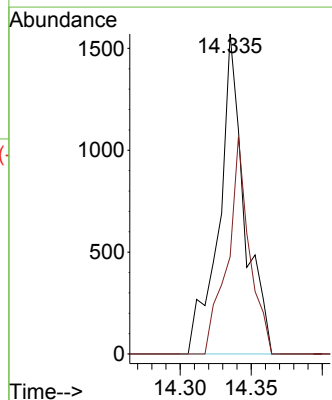
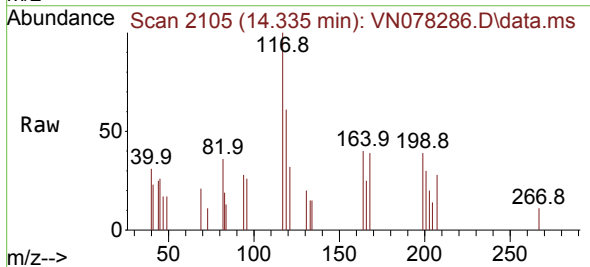
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

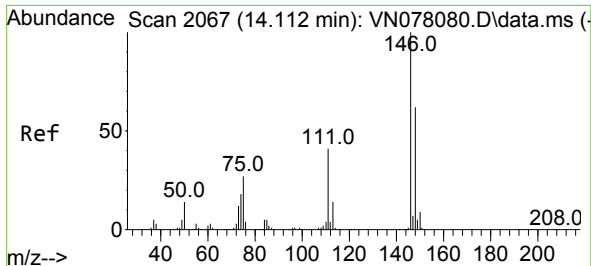
Tgt Ion: 91 Resp: 13401
Ion Ratio Lower Upper
91 100
92 55.6 26.4 79.0
134 25.6 12.6 37.6



#90
Hexachloroethane
Concen: 0.645 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 117 Resp: 1939
Ion Ratio Lower Upper
117 100
201 58.8 29.3 88.0

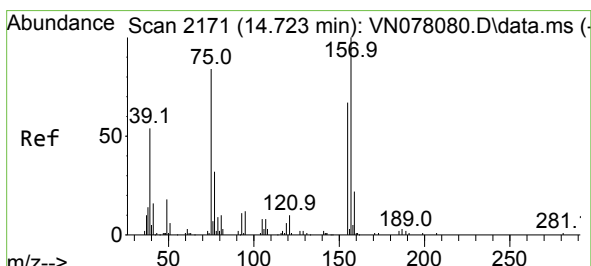
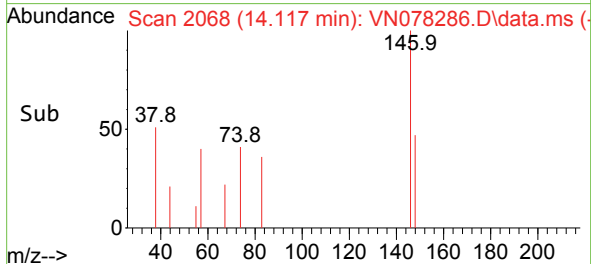
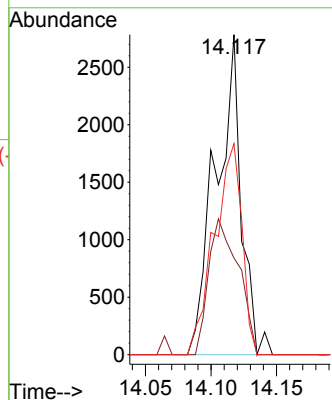
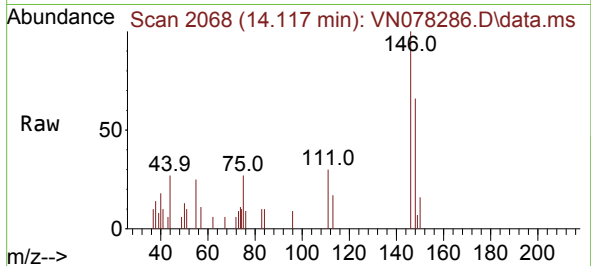




#91
1,2-Dichlorobenzene
Concen: 0.432 ug/l
RT: 14.117 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

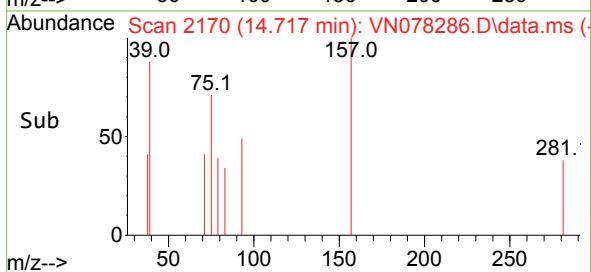
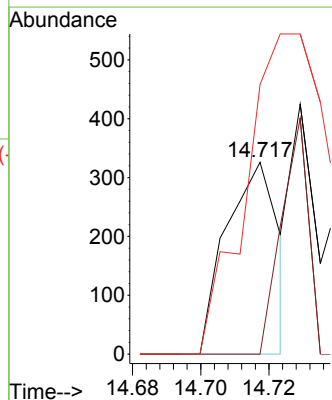
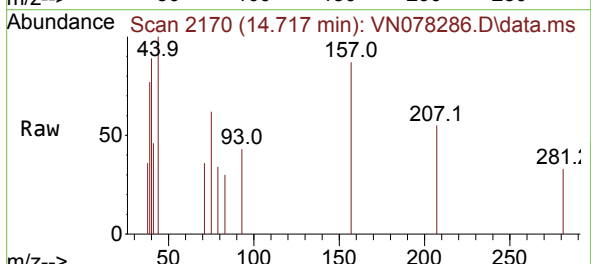
Instrument :
MSVOA_N
ClientSampleId :
PB153531TB

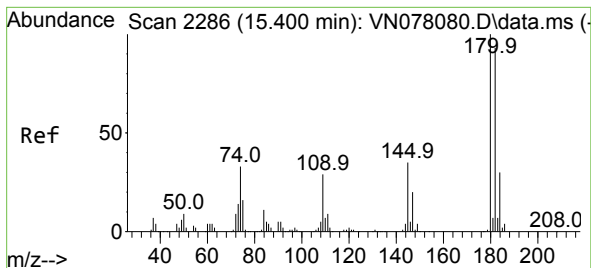
Tgt Ion:146 Resp: 3760
Ion Ratio Lower Upper
146 100
111 49.8 22.0 66.0
148 71.5 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.310 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078286.D
Acq: 19 Jun 2023 18:13

Tgt Ion: 75 Resp: 348
Ion Ratio Lower Upper
75 100
155 62.6 39.1 117.2
157 284.8 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 1.417 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078286.D

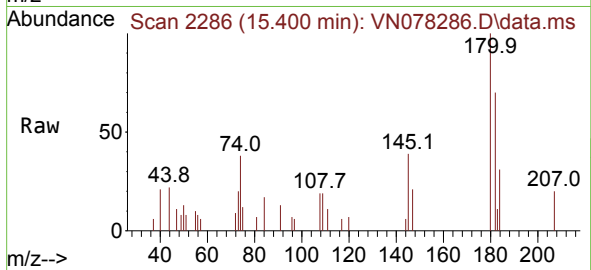
Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

PB153531TB



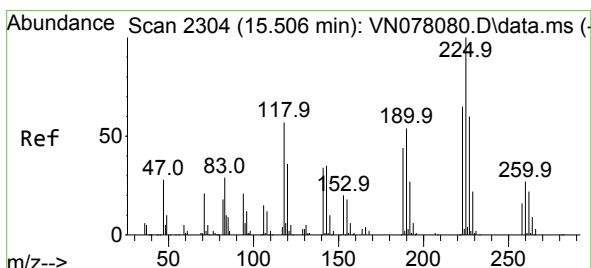
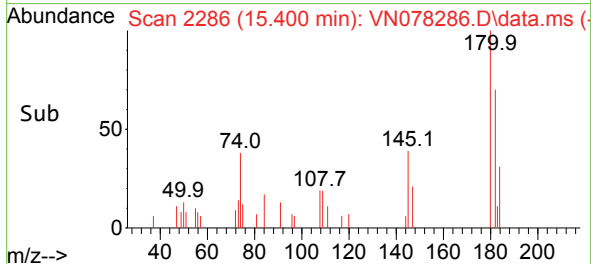
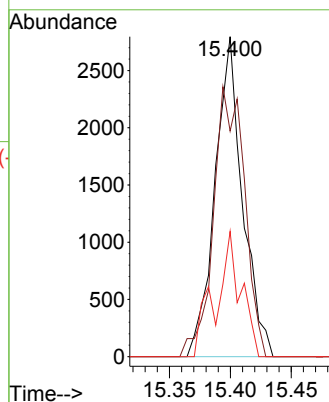
Tgt Ion:180 Resp: 4389

Ion Ratio Lower Upper

180 100

182 95.4 46.1 138.2

145 36.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

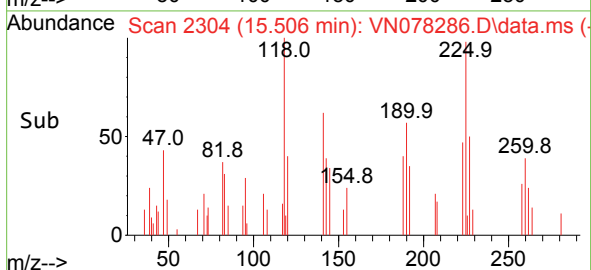
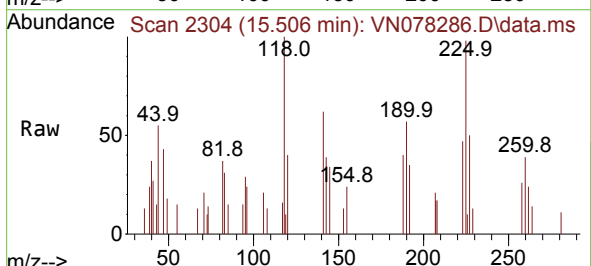
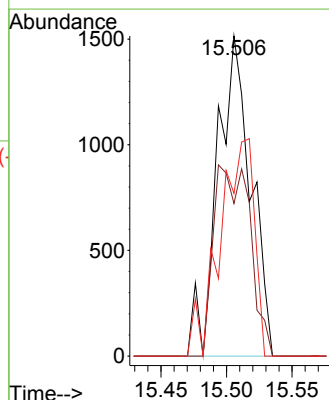
Tgt Ion:225 Resp: 2694

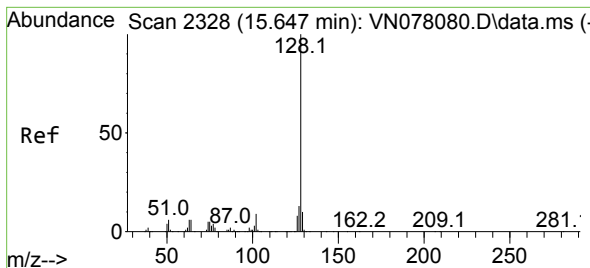
Ion Ratio Lower Upper

225 100

223 64.4 31.3 93.8

227 0.0 31.9 95.9#





#95

Naphthalene

Concen: 1.532 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

Instrument :

MSVOA_N

ClientSampleId :

PB153531TB

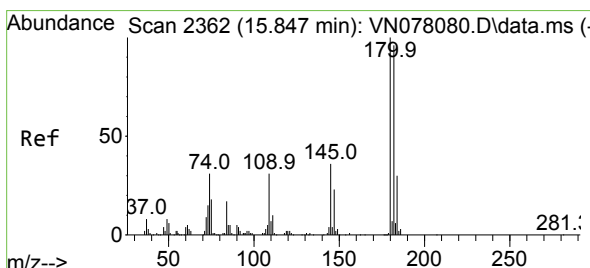
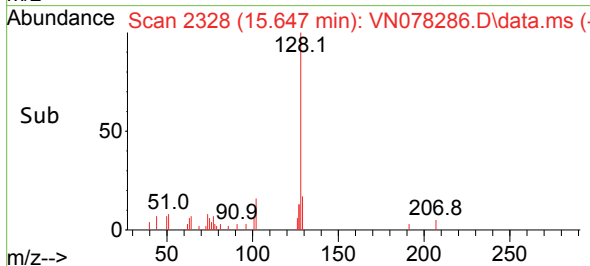
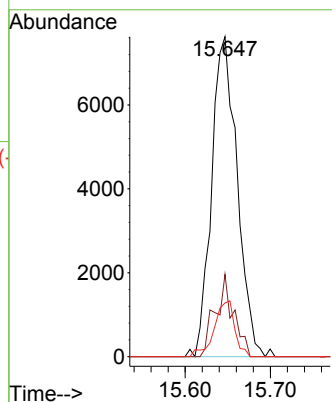
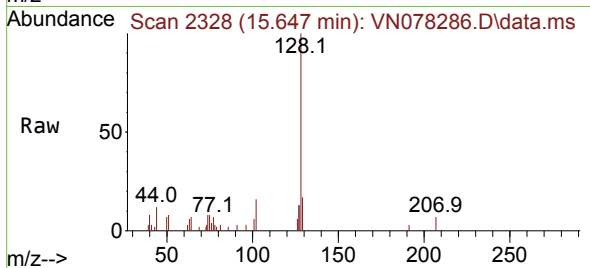
Tgt Ion:128 Resp: 15960

Ion Ratio Lower Upper

128 100

127 18.4 10.0 15.0#

129 14.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.762 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078286.D

Acq: 19 Jun 2023 18:13

Tgt Ion:180 Resp: 6104

Ion Ratio Lower Upper

180 100

182 97.4 46.2 138.6

145 0.0 17.5 52.6#

