

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072723\  
 Data File : VN078673.D  
 Acq On : 27 Jul 2023 20:35  
 Operator : JC\MD  
 Sample : 03770-11  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 28 01:13:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 10 16:13:53 2023  
 Response via : Initial Calibration

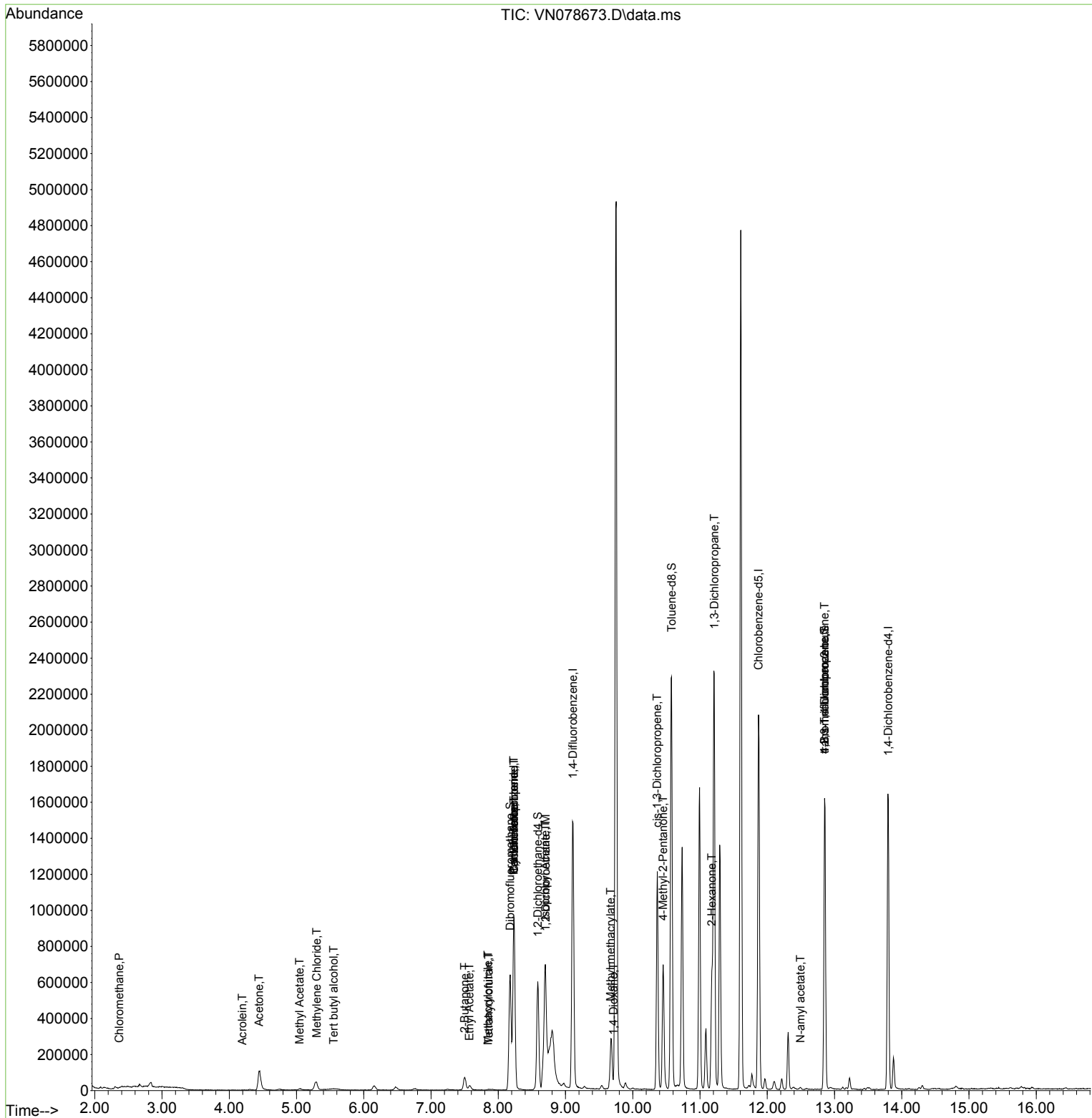
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	8.230	168	738938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1364049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1271598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	466357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	494069	49.874	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.740%
35) Dibromofluoromethane	8.177	113	476382	51.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	10.577	98	1690811	48.337	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.680%
62) 4-Bromofluorobenzene	12.853	95	594855	55.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.420%
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	2504	0.254	ug/l #	82
5) Bromomethane	2.971	94	1117	Below Cal	#	75
6) Chloroethane	3.142	64	1400	Below Cal	#	79
11) Tert butyl alcohol	5.553	59	2682	1.756	ug/l #	88
13) Acrolein	4.195	56	346	0.230	ug/l #	43
16) Acetone	4.442	43	201196	65.201	ug/l	94
18) Methyl Acetate	5.048	43	15176	1.162	ug/l #	62
20) Methylene Chloride	5.300	84	37561	3.097	ug/l #	93
25) 2-Butanone	7.500	43	113993	23.468	ug/l #	81
29) Tetrahydrofuran	7.859	42	2172	0.681	ug/l #	47
31) Cyclohexane	8.236	56	15208	1.136	ug/l #	9
36) 1,1-Dichloropropene	8.236	75	58822	4.400	ug/l #	48
37) Ethyl Acetate	7.571	43	39221	3.519	ug/l	97
38) Carbon Tetrachloride	8.230	117	76372	5.256	ug/l #	15
41) Methacrylonitrile	7.847	41	2396	0.422	ug/l #	23
42) 1,2-Dichloroethane	8.706	62	5436	0.403	ug/l #	73
43) Isopropyl Acetate	8.700	43	879038	47.905	ug/l #	75
48) Methyl methacrylate	9.671	41	16920	1.990	ug/l #	21
49) 1,4-Dioxane	9.712	88	160	0.863	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	482998	44.253	ug/l	93
54) cis-1,3-Dichloropropene	10.365	75	228164	14.762	ug/l #	63
57) 1,3-Dichloropropane	11.212	76	26553	1.615	ug/l #	42
59) 2-Hexanone	11.177	43	516721	66.613	ug/l #	19
74) N-amyl acetate	12.494	43	4982	0.330	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.947	83	603	Below Cal	#	32
76) 1,2,3-Trichloropropane	12.853	75	296901	26.339	ug/l #	1
77) Bromobenzene	12.994	156	61	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	296901	69.213	ug/l #	15
90) Hexachloroethane	14.341	117	216	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.600	75	56	Below Cal	#	4

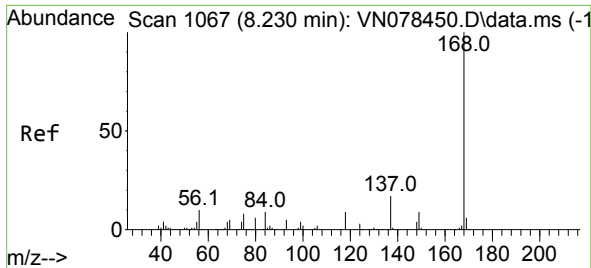
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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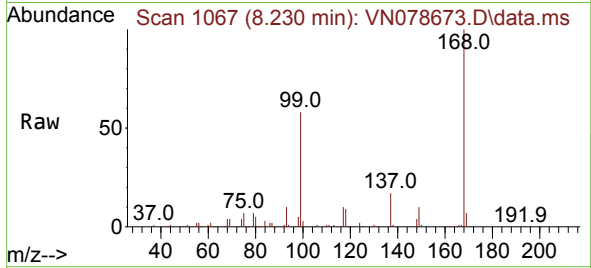
Quant Time: Jul 28 01:13:02 2023  
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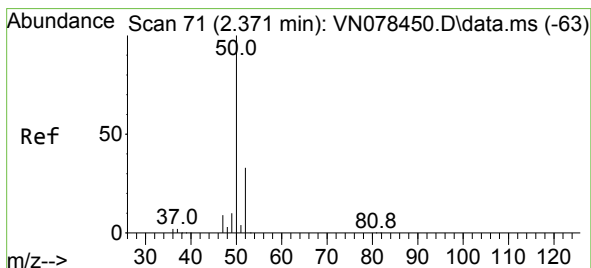
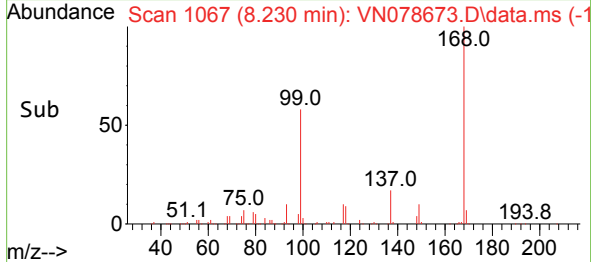
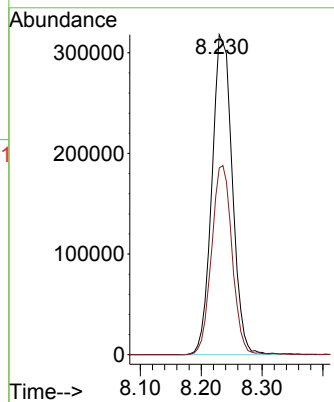


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.230 min Scan# 10  
 Delta R.T. -0.000 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :

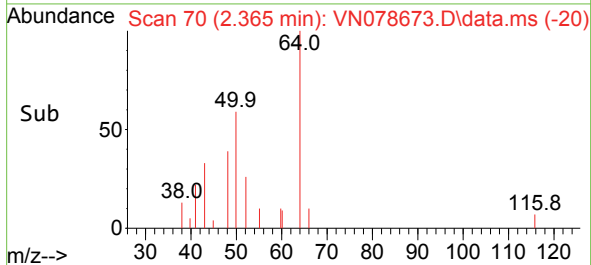
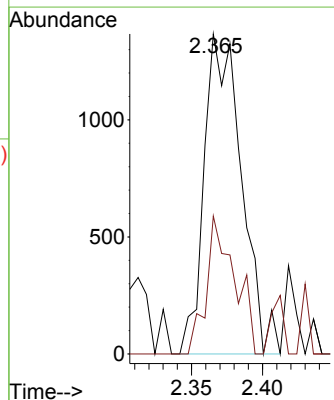
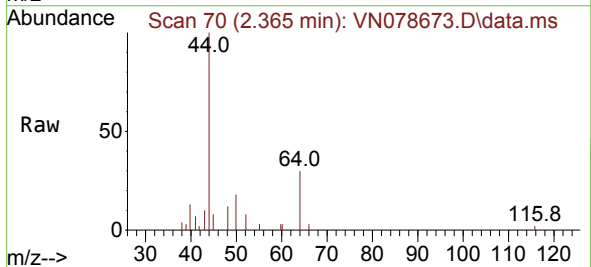


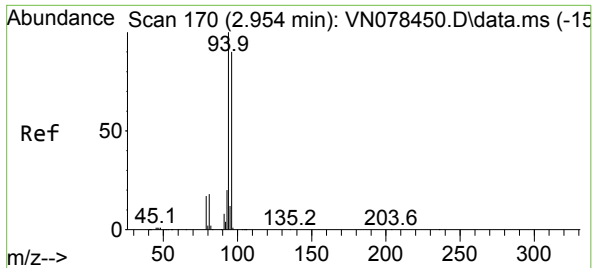
Tgt Ion:168 Resp: 738938  
 Ion Ratio Lower Upper  
 168 100  
 99 58.4 53.0 79.6



#3  
 Chloromethane  
 Concen: 0.254 ug/l  
 RT: 2.365 min Scan# 70  
 Delta R.T. -0.006 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Tgt Ion: 50 Resp: 2504  
 Ion Ratio Lower Upper  
 50 100  
 52 43.1 26.5 39.7#

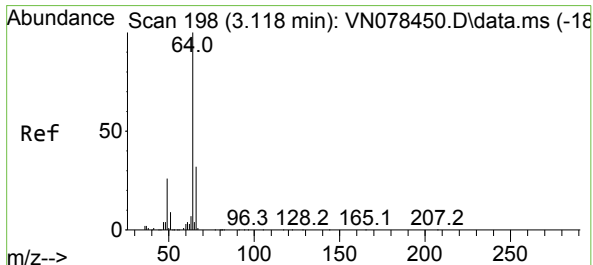
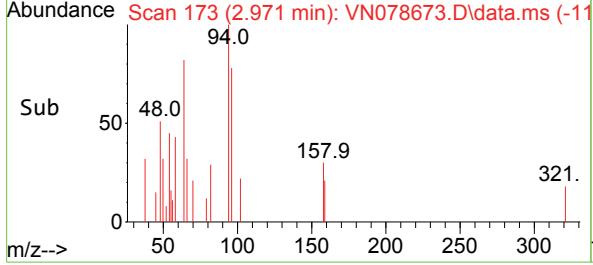
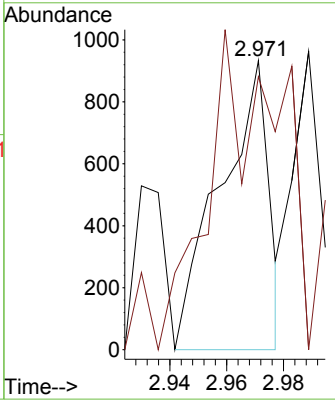
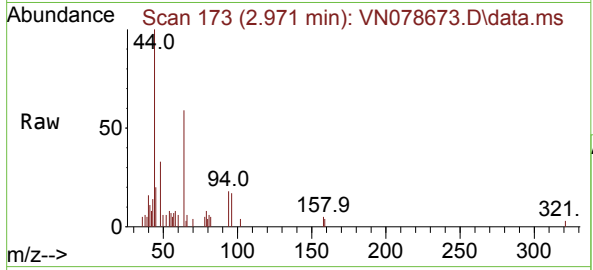




#5  
 Bromomethane  
 Concen: Below Cal  
 RT: 2.971 min Scan# 11  
 Delta R.T. 0.017 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

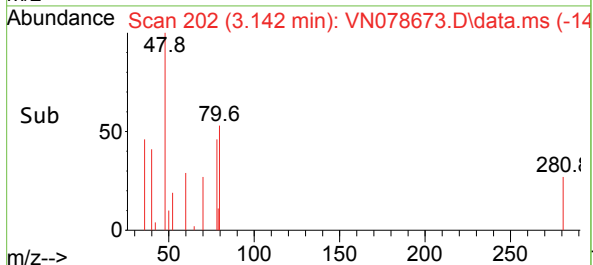
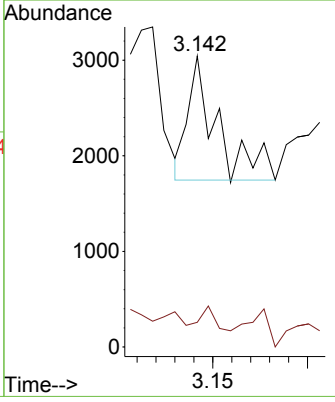
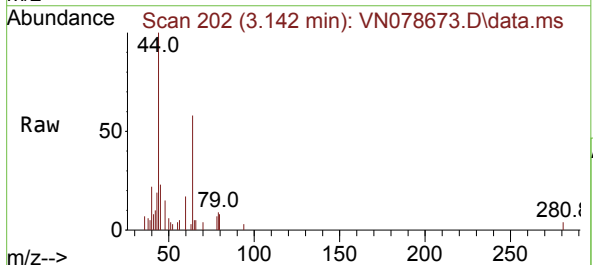
Instrument :  
 MSVOA\_N  
 ClientSampleId :

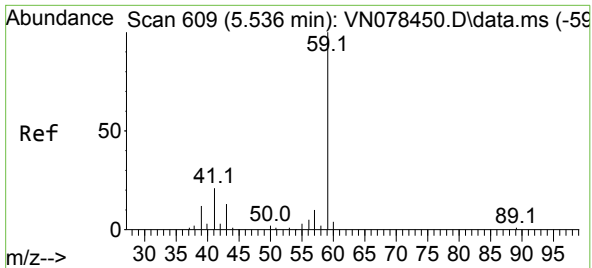
Tgt Ion: 94 Resp: 1117  
 Ion Ratio Lower Upper  
 94 100  
 96 67.8 73.1 109.7#



#6  
 Chloroethane  
 Concen: Below Cal  
 RT: 3.142 min Scan# 202  
 Delta R.T. 0.024 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

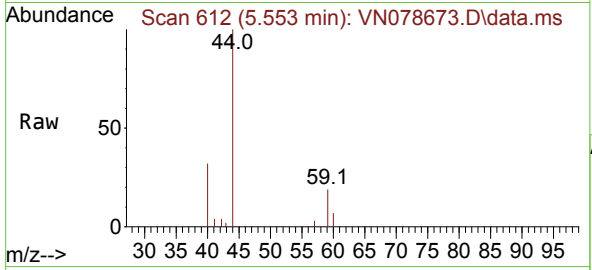
Tgt Ion: 64 Resp: 1400  
 Ion Ratio Lower Upper  
 64 100  
 66 20.0 25.4 38.2#



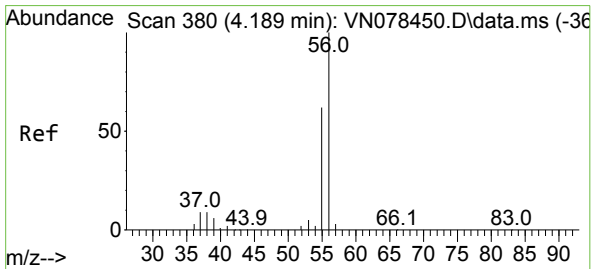
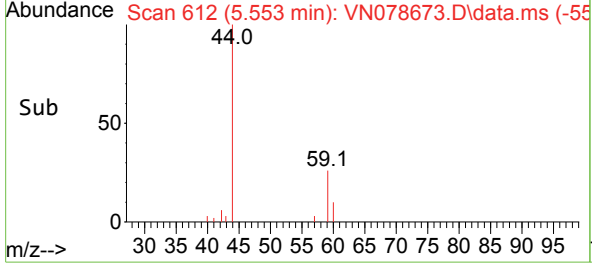
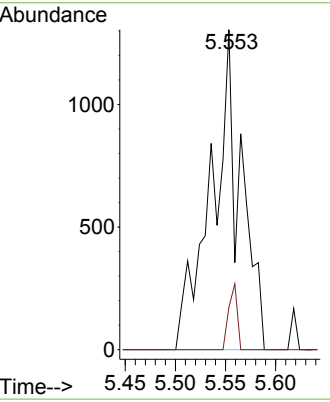


#11  
 Tert butyl alcohol  
 Concen: 1.756 ug/l  
 RT: 5.553 min Scan# 611  
 Delta R.T. 0.017 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument : MSVOA\_N  
 ClientSampleId :

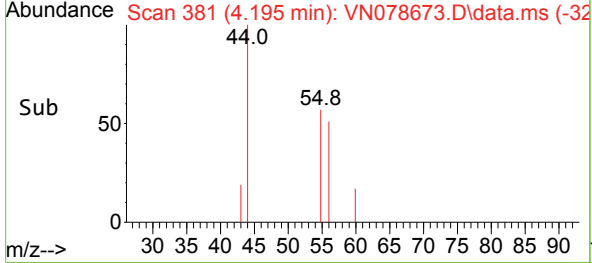
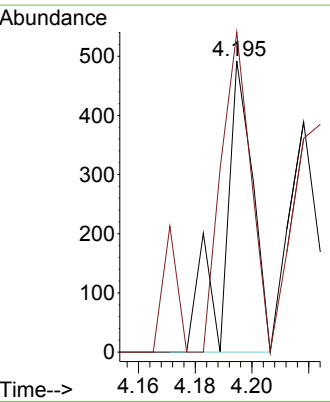
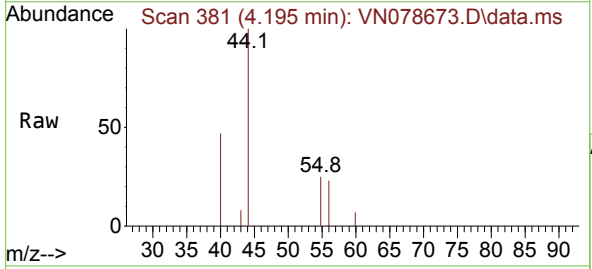


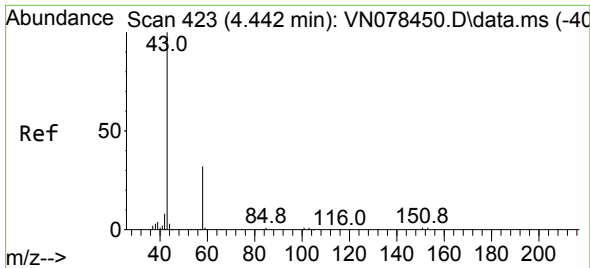
Tgt Ion: 59 Resp: 2682  
 Ion Ratio Lower Upper  
 59 100  
 57 5.8 8.2 12.4#



#13  
 Acrolein  
 Concen: 0.230 ug/l  
 RT: 4.195 min Scan# 381  
 Delta R.T. 0.006 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

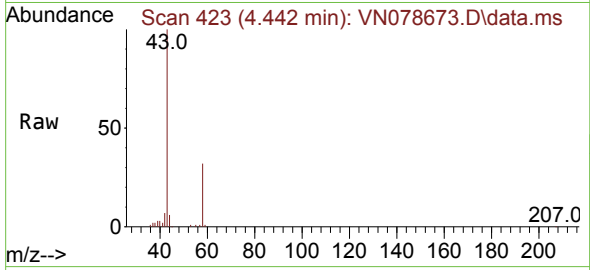
Tgt Ion: 56 Resp: 346  
 Ion Ratio Lower Upper  
 56 100  
 55 113.9 54.5 81.7#



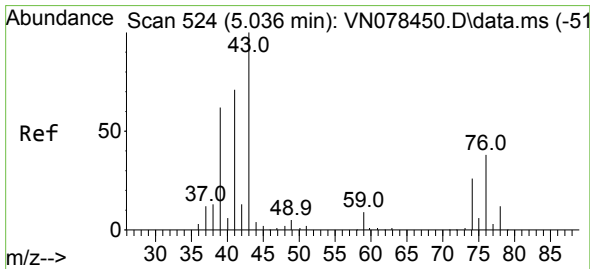
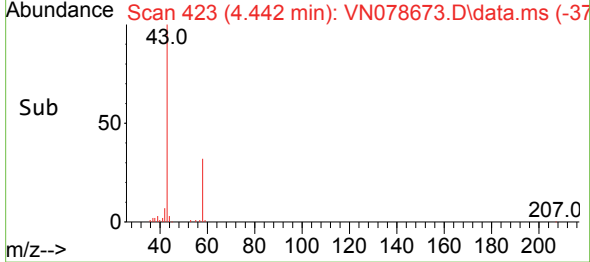
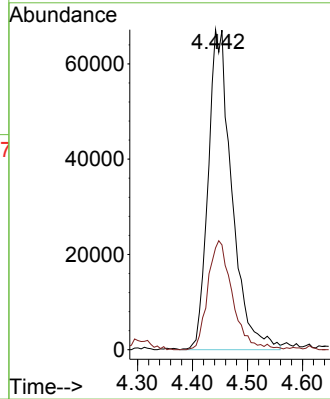


#16  
 Acetone  
 Concen: 65.201 ug/l  
 RT: 4.442 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :

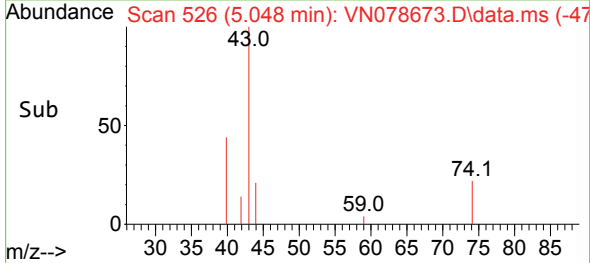
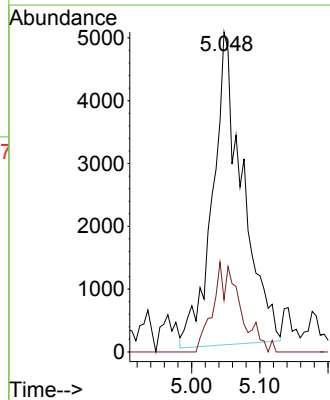
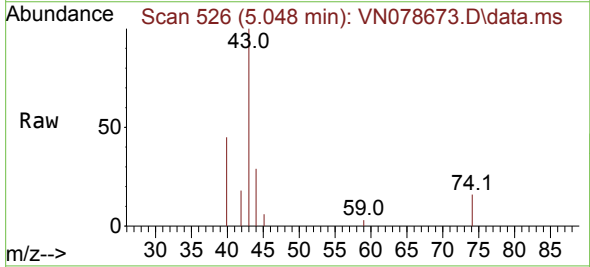


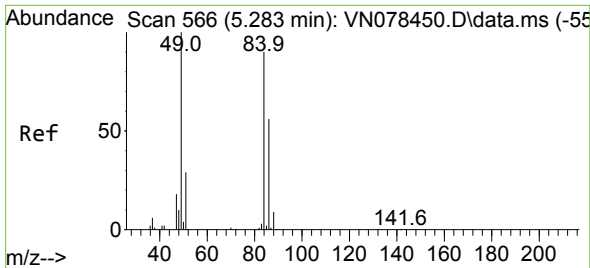
Tgt Ion: 43 Resp: 201196  
 Ion Ratio Lower Upper  
 43 100  
 58 31.8 28.0 42.0



#18  
 Methyl Acetate  
 Concen: 1.162 ug/l  
 RT: 5.048 min Scan# 526  
 Delta R.T. 0.012 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

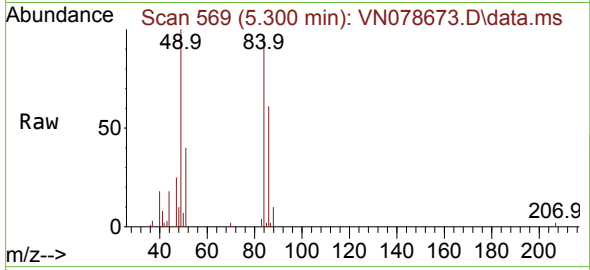
Tgt Ion: 43 Resp: 15176  
 Ion Ratio Lower Upper  
 43 100  
 74 11.3 26.2 39.4#





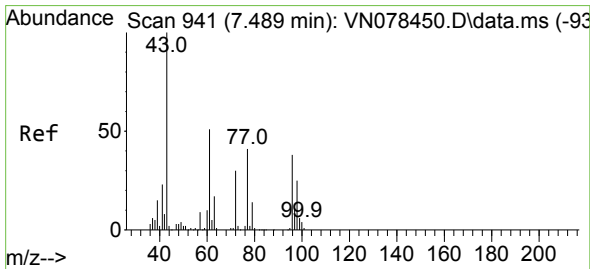
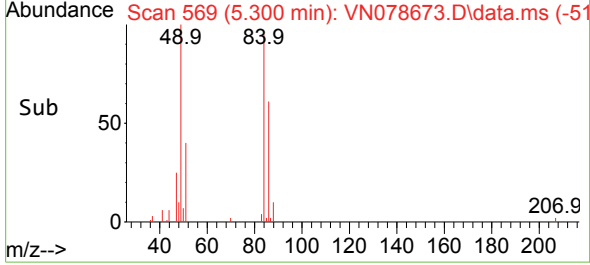
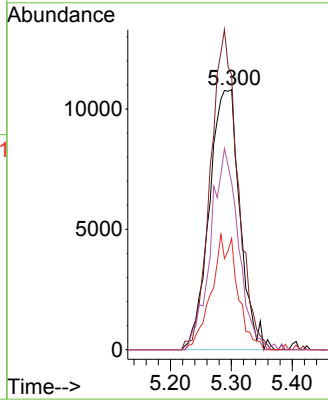
#20  
 Methylene Chloride  
 Concen: 3.097 ug/l  
 RT: 5.300 min Scan# 501  
 Delta R.T. 0.017 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion: 84 Resp: 37561

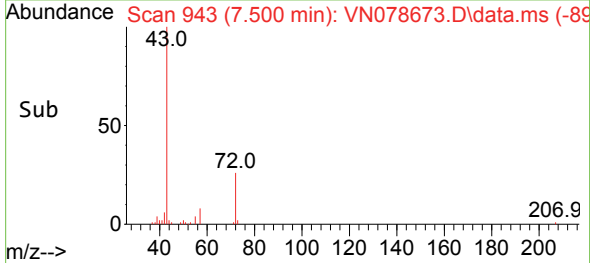
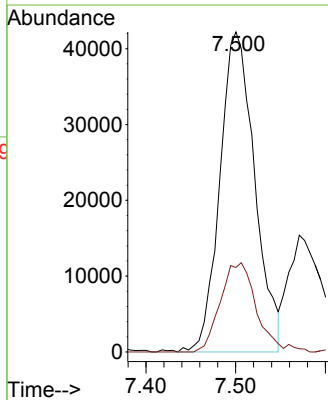
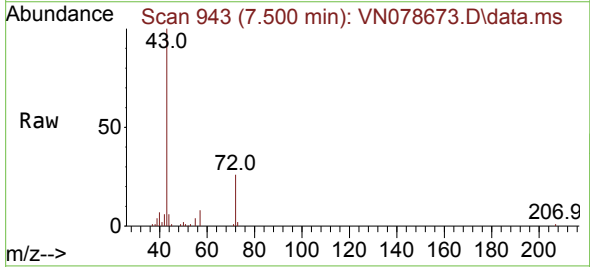
Ion	Ratio	Lower	Upper
84	100		
49	105.7	79.7	119.5
51	42.8	25.2	37.8#
86	64.2	53.3	79.9

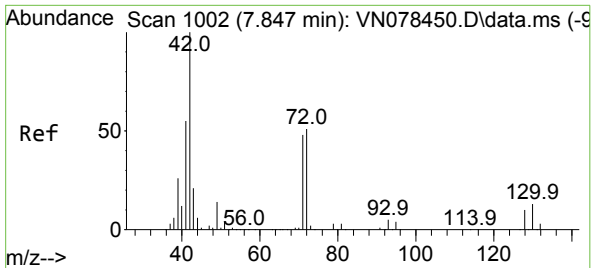


#25  
 2-Butanone  
 Concen: 23.468 ug/l  
 RT: 7.500 min Scan# 943  
 Delta R.T. 0.011 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Tgt Ion: 43 Resp: 113993

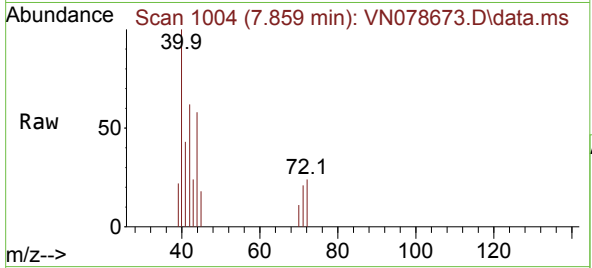
Ion	Ratio	Lower	Upper
43	100		
72	26.4	30.2	45.2#





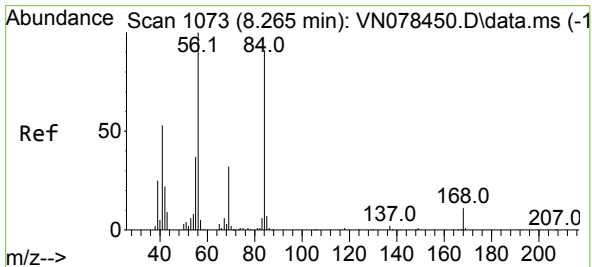
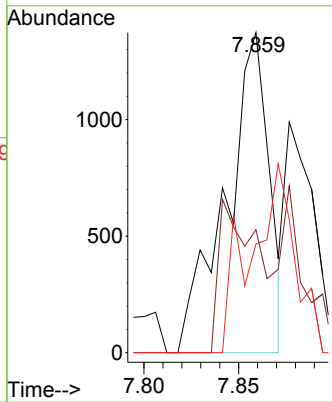
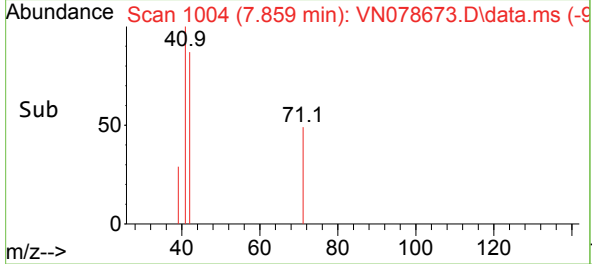
#29  
 Tetrahydrofuran  
 Concen: 0.681 ug/l  
 RT: 7.859 min Scan# 1068  
 Delta R.T. 0.012 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

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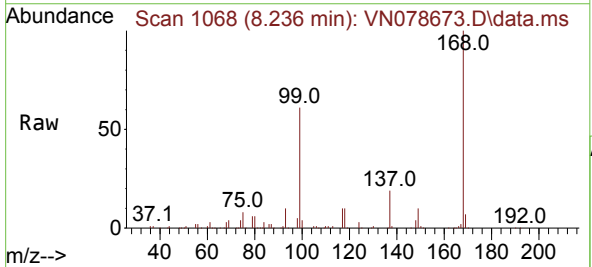


Tgt Ion: 42 Resp: 2172

Ion	Ratio	Lower	Upper
42	100		
72	40.7	49.8	74.6#
71	0.0	47.4	71.2#

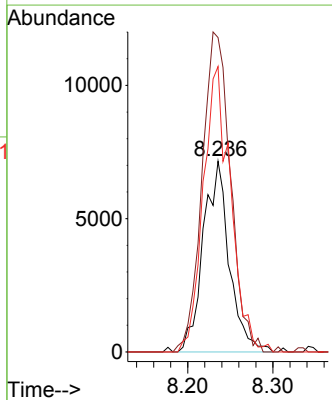
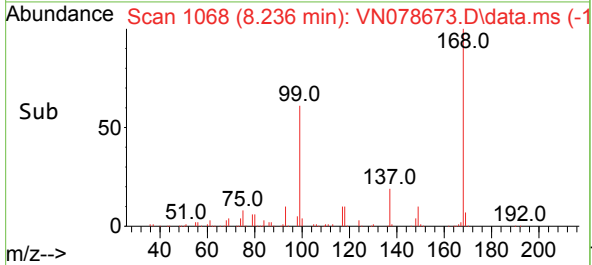


#31  
 Cyclohexane  
 Concen: 1.136 ug/l  
 RT: 8.236 min Scan# 1068  
 Delta R.T. -0.029 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

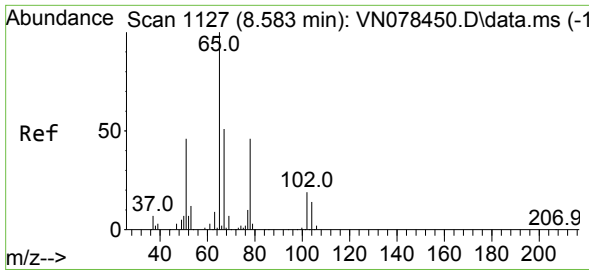


Tgt Ion: 56 Resp: 15208

Ion	Ratio	Lower	Upper
56	100		
69	162.2	26.8	40.2#
84	149.7	81.8	122.6#

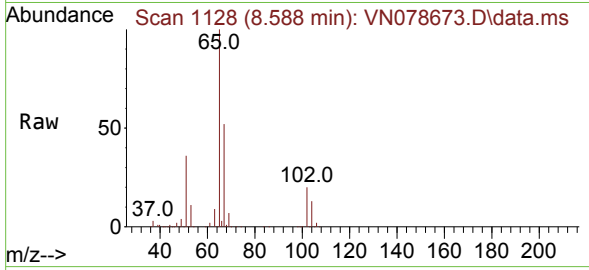




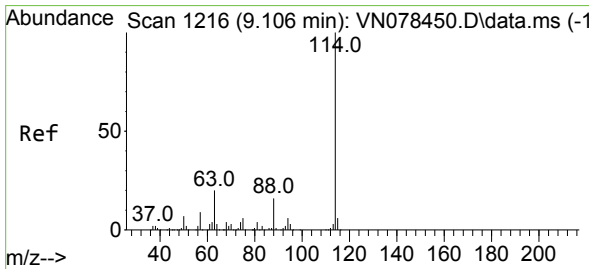
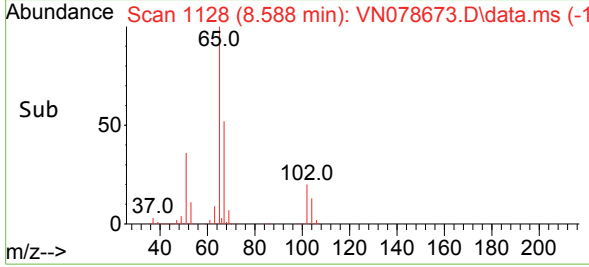
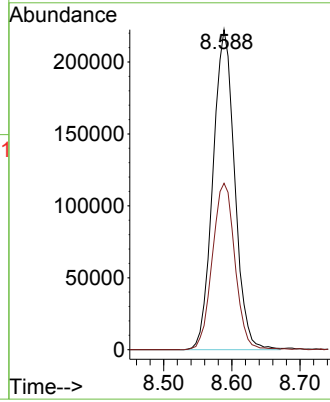


#33  
 1,2-Dichloroethane-d4  
 Concen: 49.874 ug/l  
 RT: 8.588 min Scan# 1128  
 Delta R.T. 0.005 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

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 ClientSampleId :

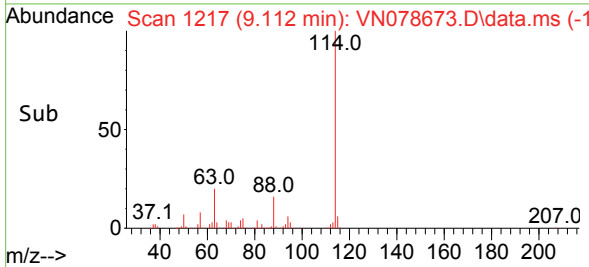
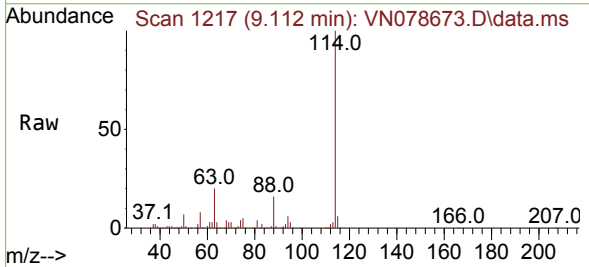
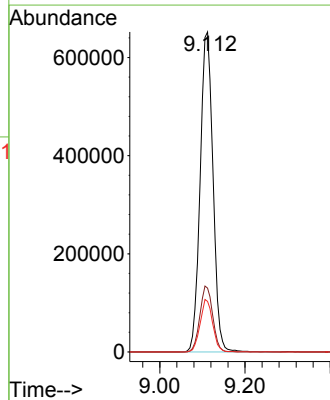


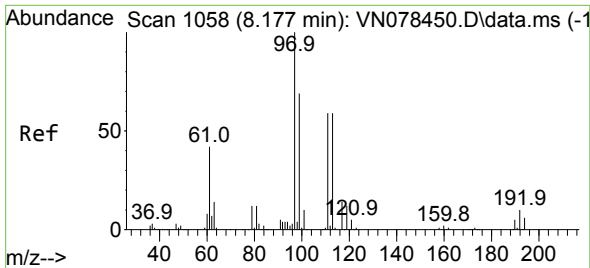
Tgt Ion: 65 Resp: 494069  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 106.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.112 min Scan# 1217  
 Delta R.T. 0.006 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

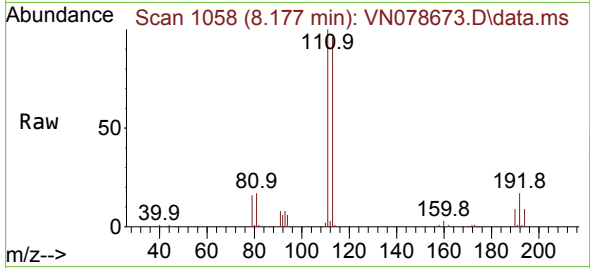
Tgt Ion: 114 Resp: 1364049  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 36.4  
 88 15.8 0.0 30.6



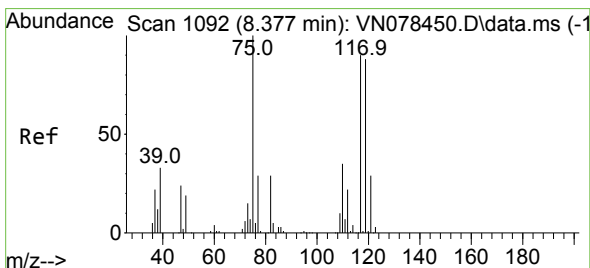
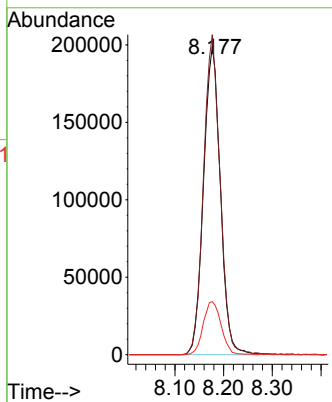
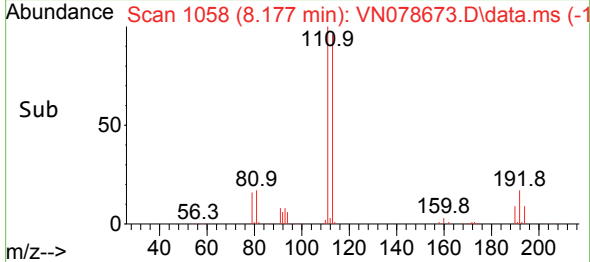


#35  
 Dibromofluoromethane  
 Concen: 51.447 ug/l  
 RT: 8.177 min Scan# 1068  
 Delta R.T. -0.000 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

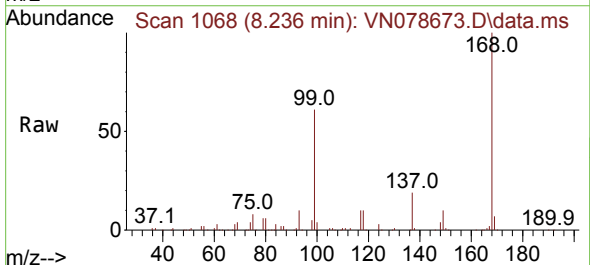
Instrument : MSVOA\_N  
 ClientSampleId :



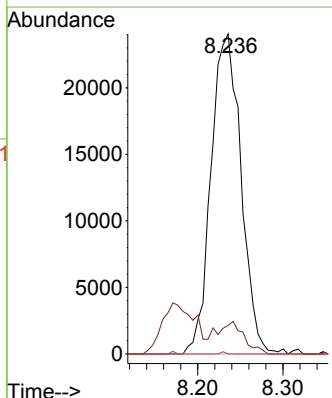
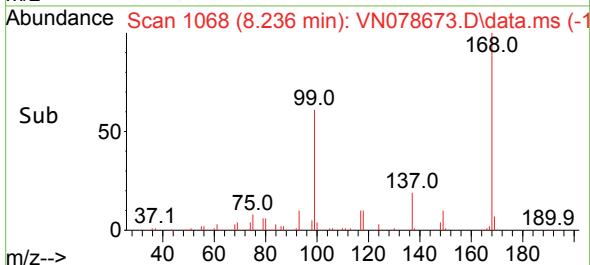
Tgt Ion:113 Resp: 476382  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 82.6 123.8  
 192 18.4 12.7 19.1

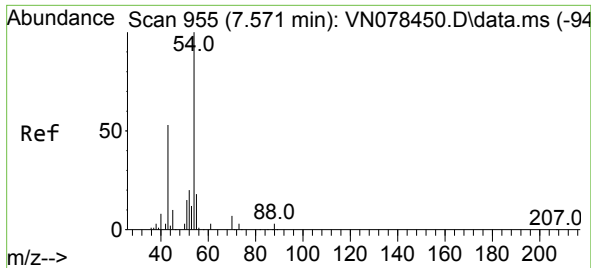


#36  
 1,1-Dichloropropene  
 Concen: 4.400 ug/l  
 RT: 8.236 min Scan# 1068  
 Delta R.T. -0.141 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35



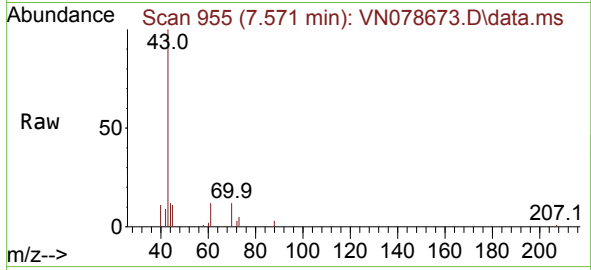
Tgt Ion: 75 Resp: 58822  
 Ion Ratio Lower Upper  
 75 100  
 110 9.1 19.1 57.3#  
 77 0.1 25.0 37.4#



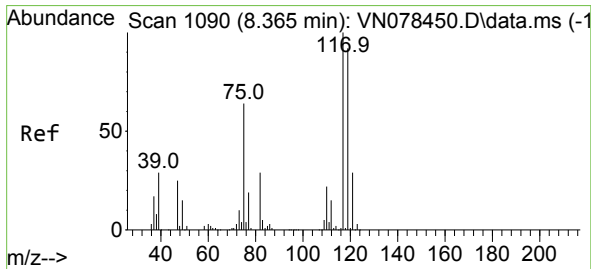
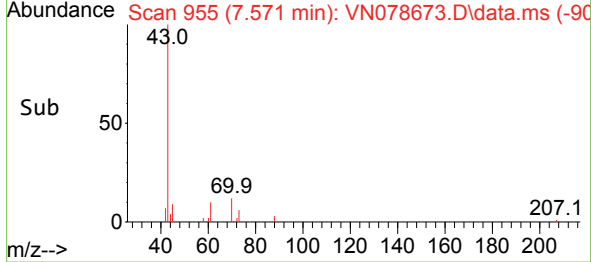
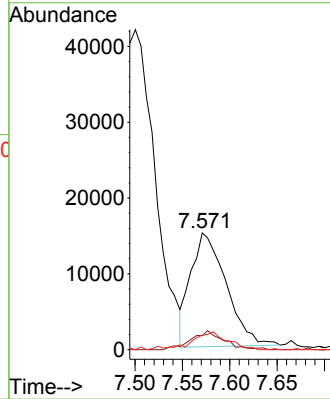


#37  
 Ethyl Acetate  
 Concen: 3.519 ug/l  
 RT: 7.571 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :

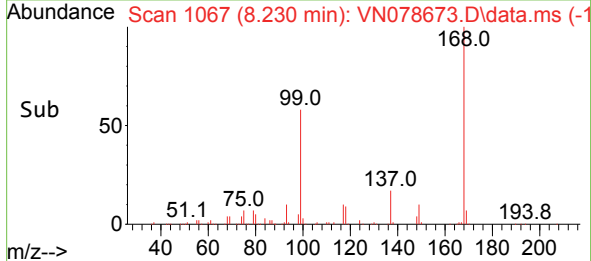
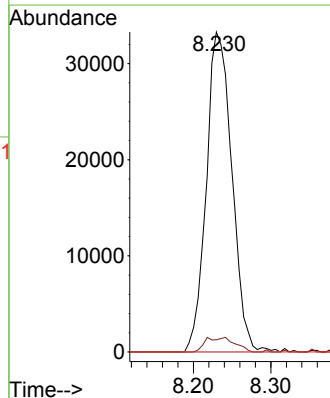
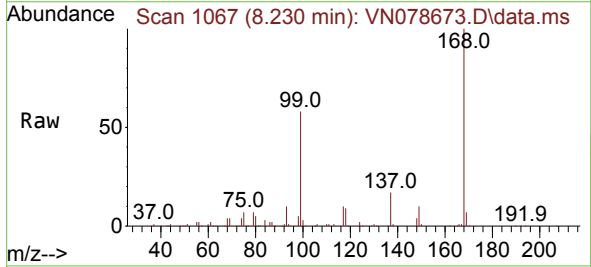


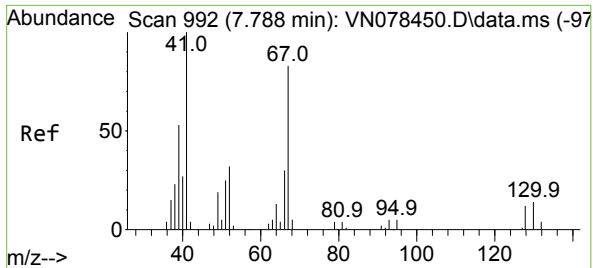
Tgt Ion	Resp	Lower	Upper
43	100		
61	15.2	13.2	19.8
70	14.9	11.3	16.9



#38  
 Carbon Tetrachloride  
 Concen: 5.256 ug/l  
 RT: 8.230 min Scan# 1067  
 Delta R.T. -0.135 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

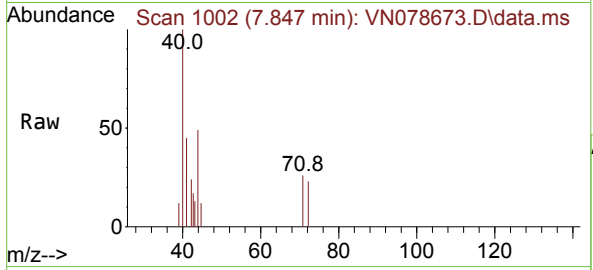
Tgt Ion	Resp	Lower	Upper
117	100		
119	3.8	77.3	115.9#
121	0.0	23.3	34.9#





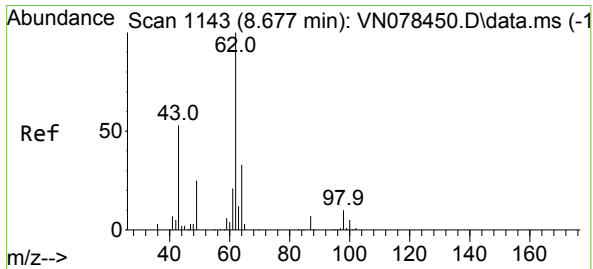
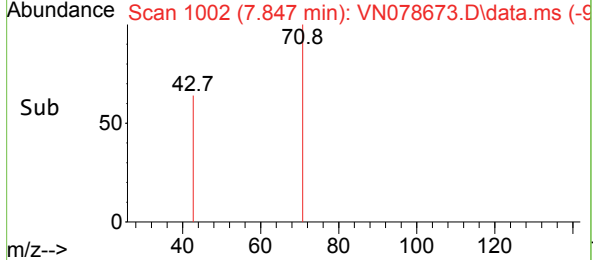
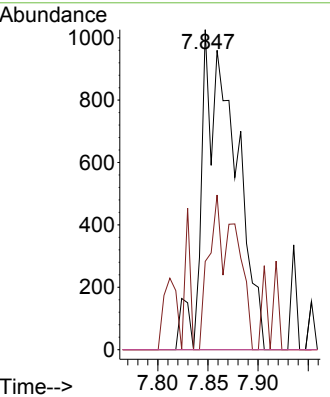
#41  
 Methacrylonitrile  
 Concen: 0.422 ug/l  
 RT: 7.847 min Scan# 1100  
 Delta R.T. 0.059 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion: 41 Resp: 2396

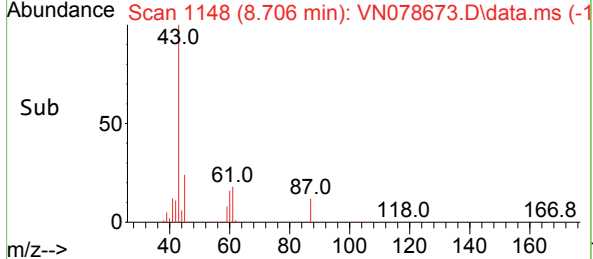
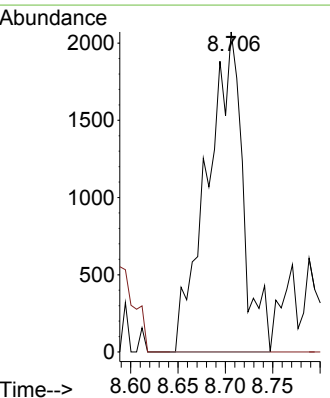
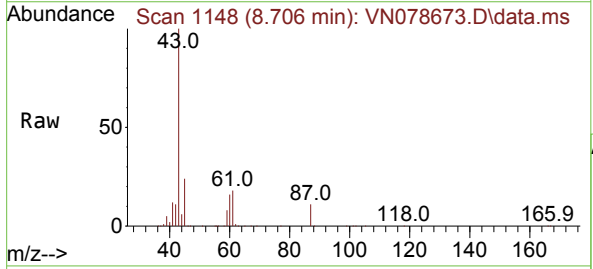
Ion	Ratio	Lower	Upper
41	100		
39	19.6	42.6	64.0#
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#

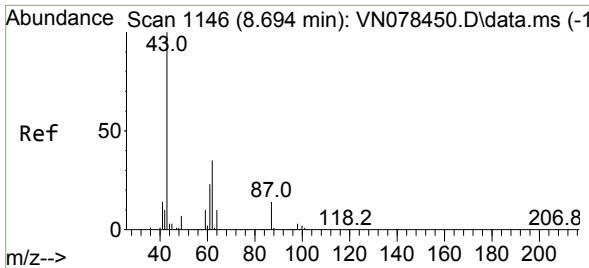


#42  
 1,2-Dichloroethane  
 Concen: 0.403 ug/l  
 RT: 8.706 min Scan# 1148  
 Delta R.T. 0.029 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Tgt Ion: 62 Resp: 5436

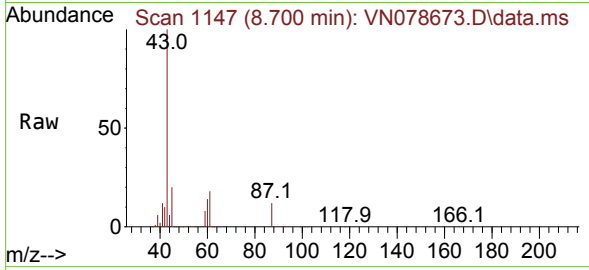
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.8





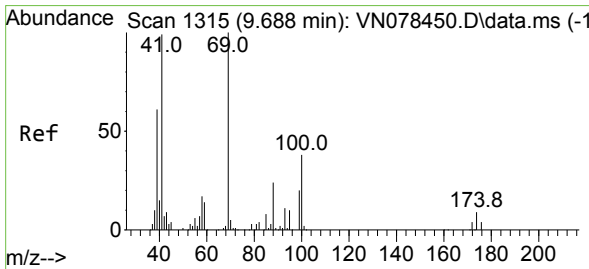
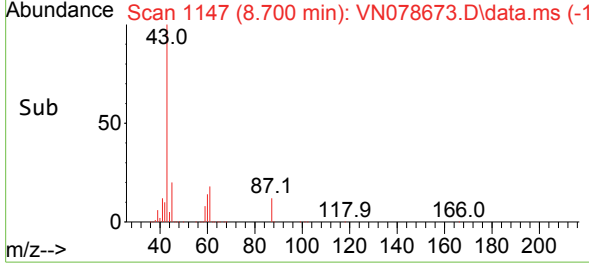
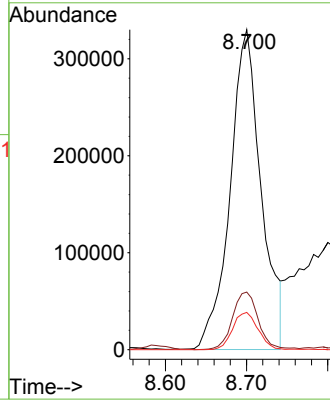
#43  
 Isopropyl Acetate  
 Concen: 47.905 ug/l  
 RT: 8.700 min Scan# 1147  
 Delta R.T. 0.006 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument : MSVOA\_N  
 ClientSampleId :



Tgt Ion: 43 Resp: 879038

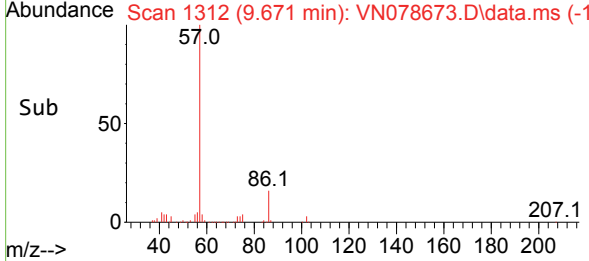
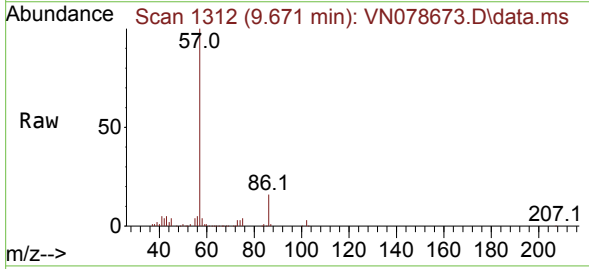
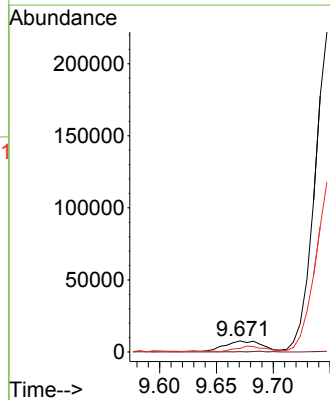
Ion	Ratio	Lower	Upper
43	100		
61	15.0	24.7	37.1#
87	9.5	14.6	21.8#

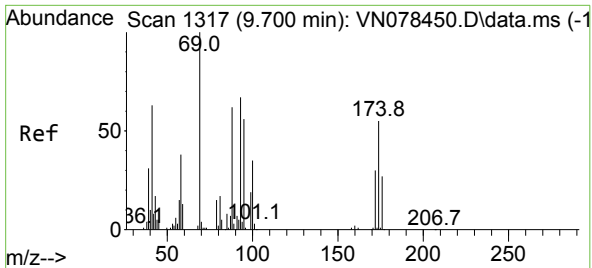


#48  
 Methyl methacrylate  
 Concen: 1.990 ug/l  
 RT: 9.671 min Scan# 1312  
 Delta R.T. -0.017 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Tgt Ion: 41 Resp: 16920

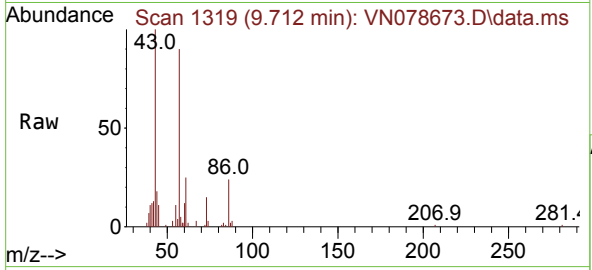
Ion	Ratio	Lower	Upper
41	100		
69	2.7	90.4	135.6#
39	37.3	54.6	81.8#



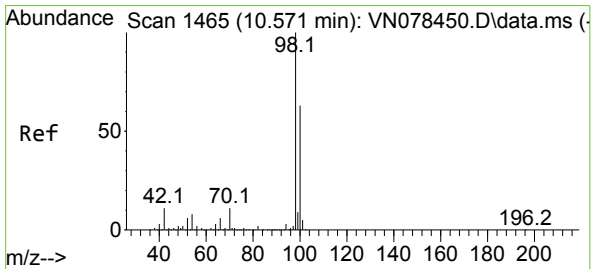
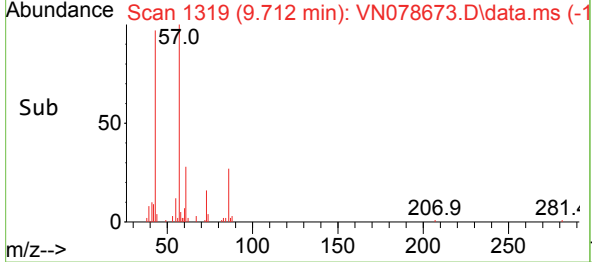
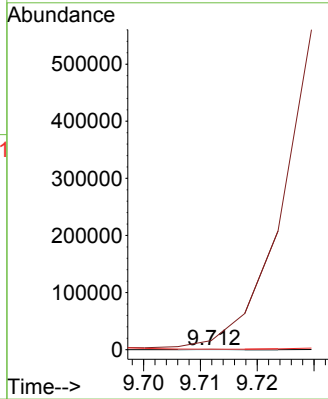


#49  
 1,4-Dioxane  
 Concen: 0.863 ug/l  
 RT: 9.712 min Scan# 1317  
 Delta R.T. 0.012 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :

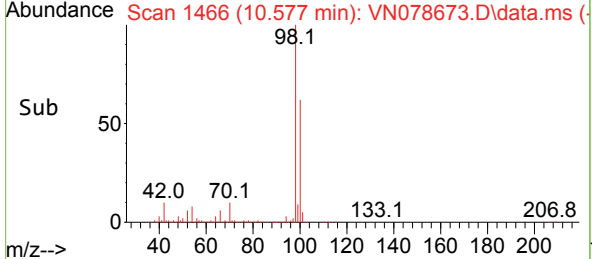
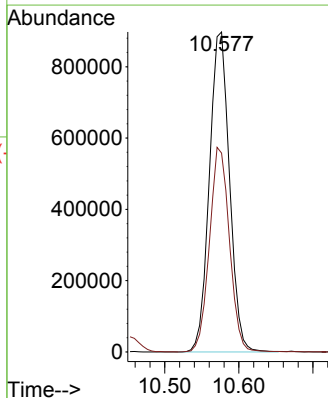
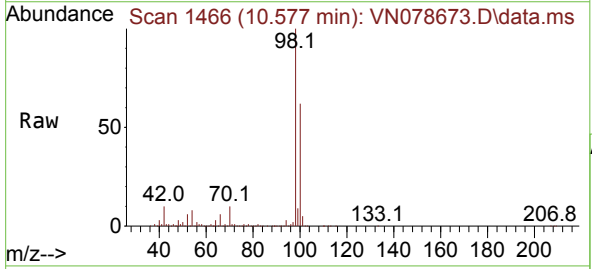


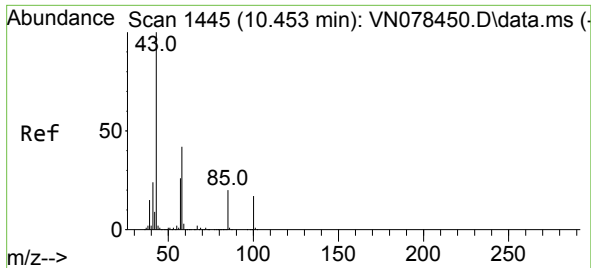
Tgt Ion: 88 Resp: 160  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 17.0 25.6#  
 58 0.0 47.0 70.4#



#50  
 Toluene-d8  
 Concen: 48.337 ug/l  
 RT: 10.577 min Scan# 1466  
 Delta R.T. 0.006 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

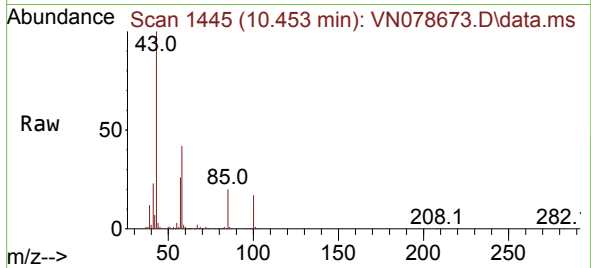
Tgt Ion: 98 Resp: 1690811  
 Ion Ratio Lower Upper  
 98 100  
 100 63.6 52.0 78.0



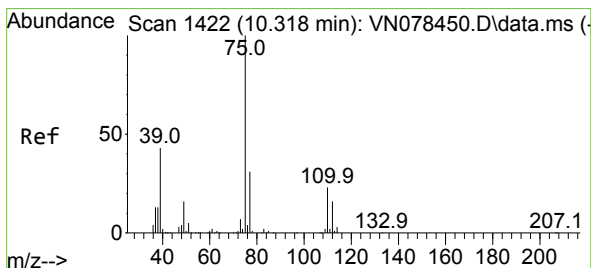
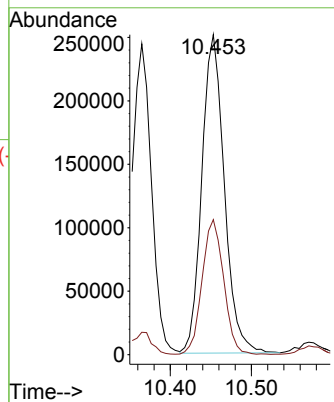
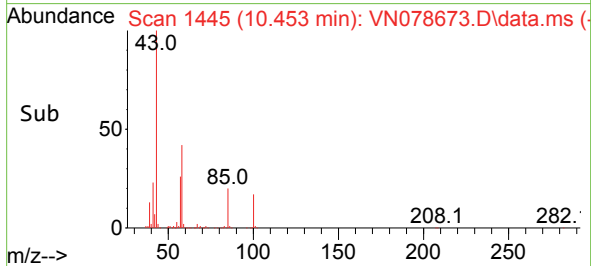


#51  
 4-Methyl-2-Pentanone  
 Concen: 44.253 ug/l  
 RT: 10.453 min Scan# 1445  
 Delta R.T. 0.000 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

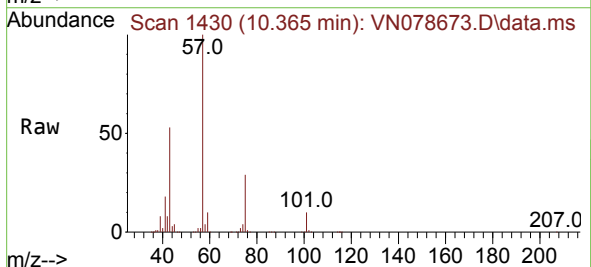
Instrument : MSVOA\_N  
 ClientSampleId :



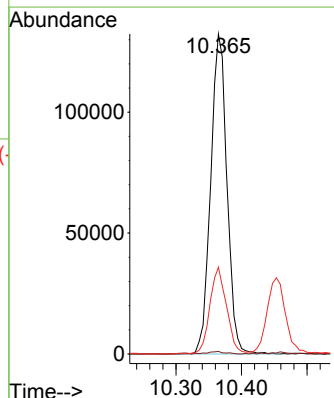
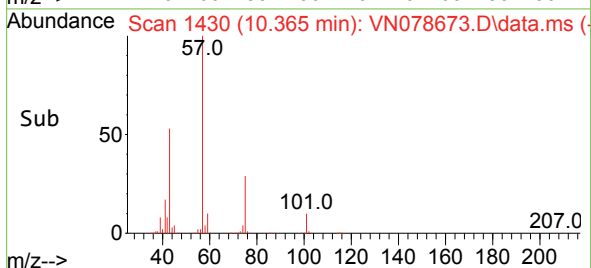
Tgt Ion: 43 Resp: 482998  
 Ion Ratio Lower Upper  
 43 100  
 58 40.9 36.6 54.8

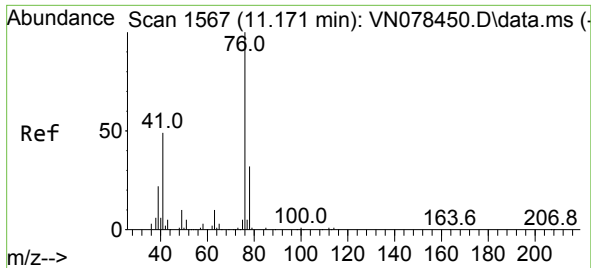


#54  
 cis-1,3-Dichloropropene  
 Concen: 14.762 ug/l  
 RT: 10.365 min Scan# 1430  
 Delta R.T. 0.047 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35



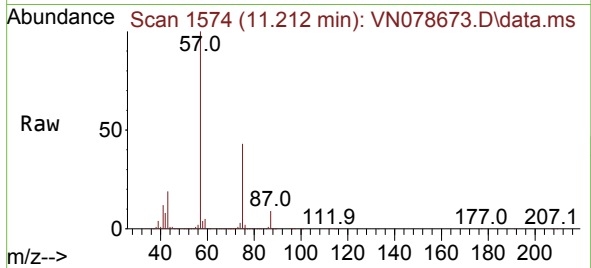
Tgt Ion: 75 Resp: 228164  
 Ion Ratio Lower Upper  
 75 100  
 77 0.7 26.1 39.1#  
 39 26.9 31.6 47.4#



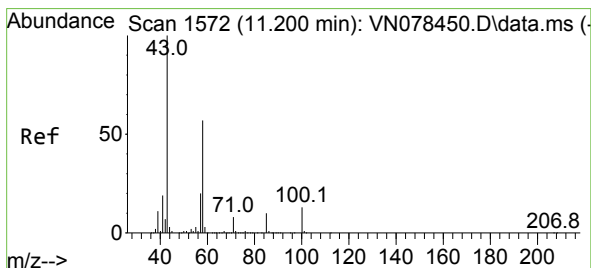
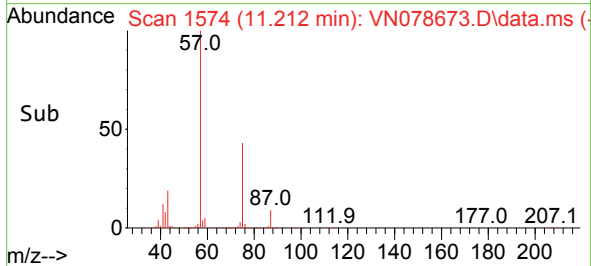
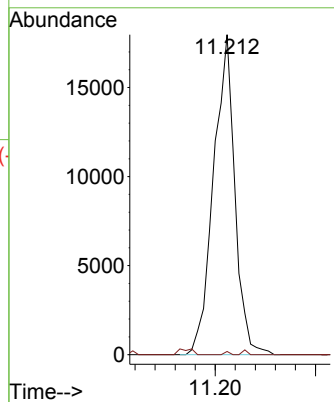


#57  
 1,3-Dichloropropane  
 Concen: 1.615 ug/l  
 RT: 11.212 min Scan# 1574  
 Delta R.T. 0.041 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :

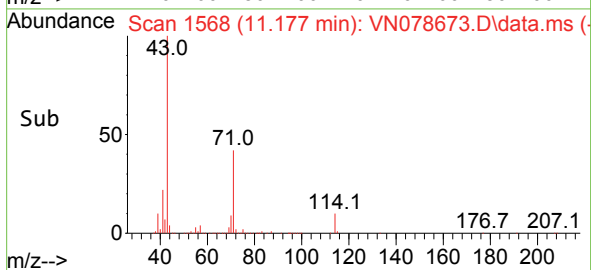
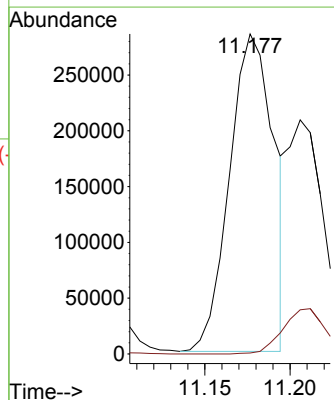
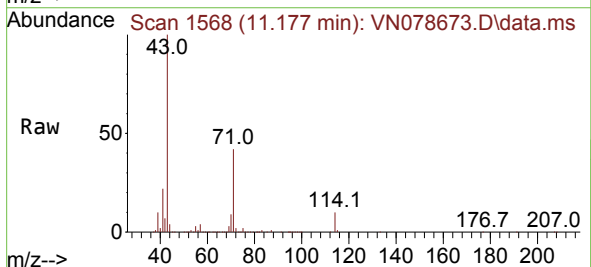


Tgt Ion: 76 Resp: 26553  
 Ion Ratio Lower Upper  
 76 100  
 78 0.2 26.1 39.1#

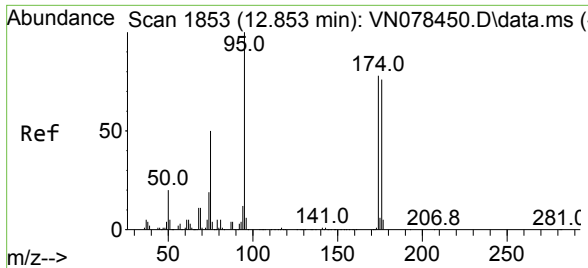


#59  
 2-Hexanone  
 Concen: 66.613 ug/l  
 RT: 11.177 min Scan# 1568  
 Delta R.T. -0.023 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Tgt Ion: 43 Resp: 516721  
 Ion Ratio Lower Upper  
 43 100  
 58 0.0 31.7 95.1#

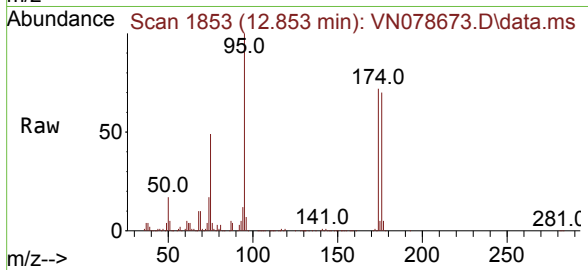




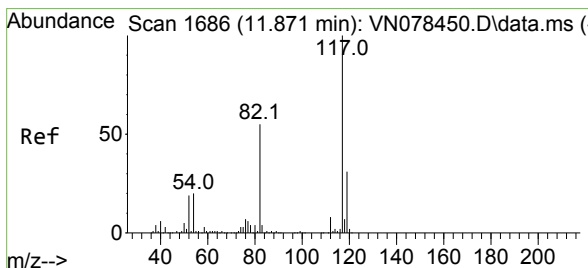
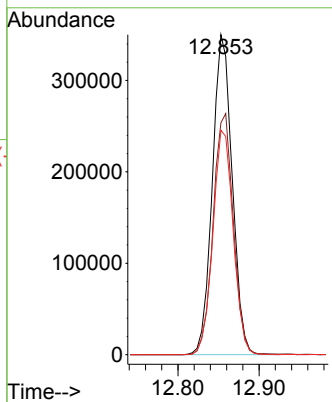
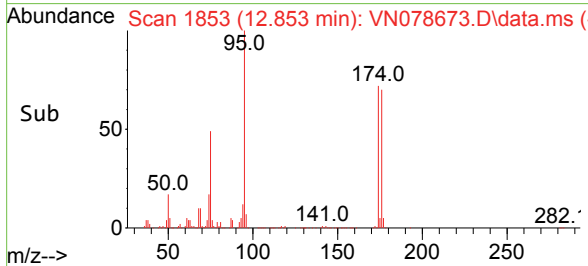


#62  
 4-Bromofluorobenzene  
 Concen: 55.209 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. -0.000 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

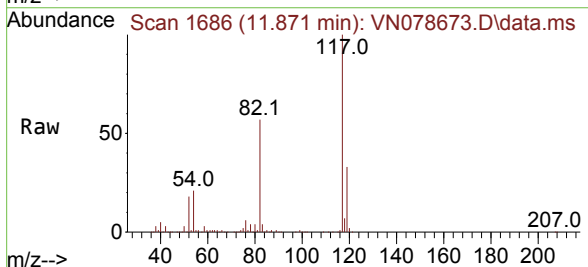
Instrument : MSVOA\_N  
 ClientSampleId :



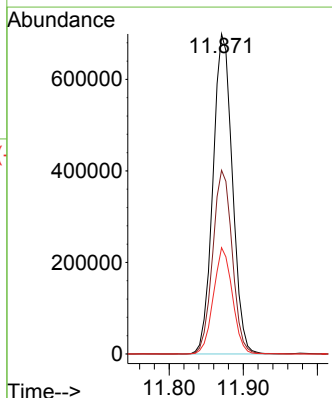
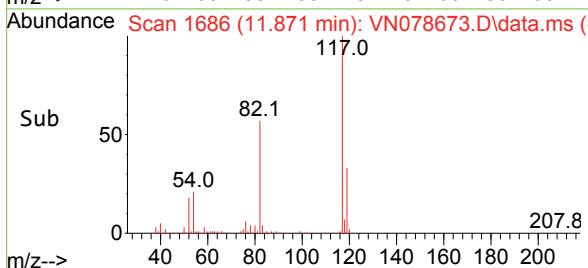
Tgt Ion: 95 Resp: 594855  
 Ion Ratio Lower Upper  
 95 100  
 174 76.9 0.0 143.8  
 176 71.8 0.0 135.8

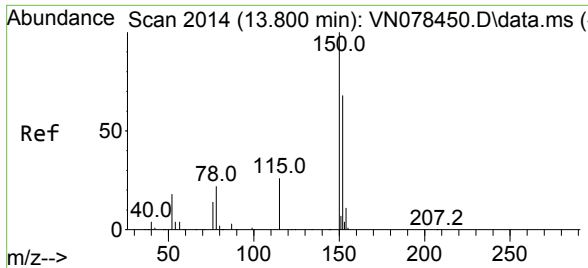


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.871 min Scan# 1686  
 Delta R.T. -0.000 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35



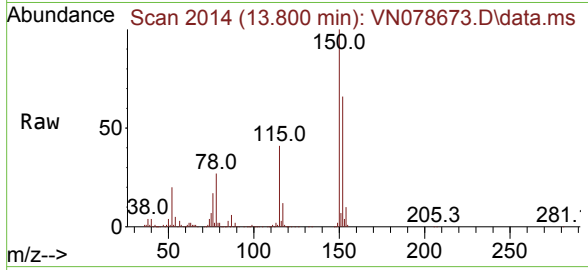
Tgt Ion: 117 Resp: 1271598  
 Ion Ratio Lower Upper  
 117 100  
 82 57.4 44.0 66.0  
 119 33.2 25.6 38.4





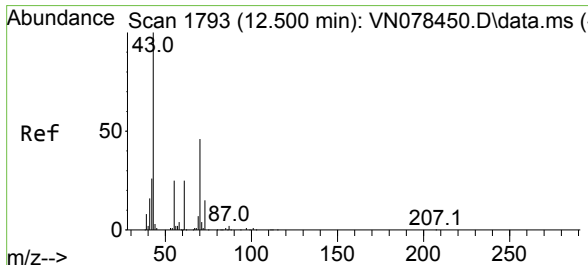
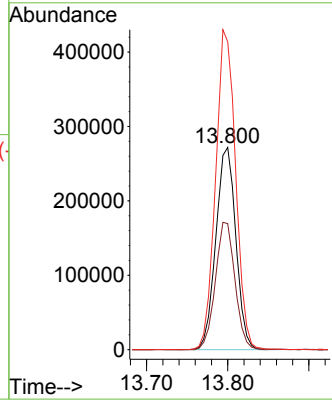
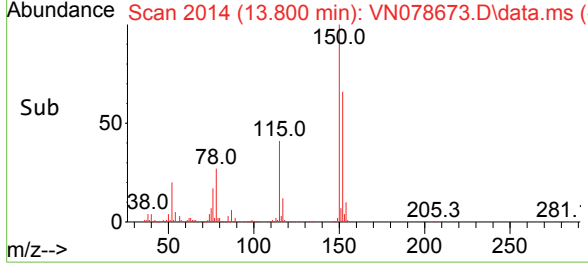
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.800 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument : MSVOA\_N  
 ClientSampleId :

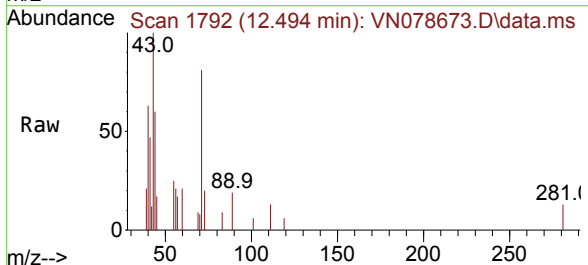


Tgt Ion:152 Resp: 466357

Ion	Ratio	Lower	Upper
152	100		
115	61.6	32.3	96.8
150	157.8	0.0	355.8

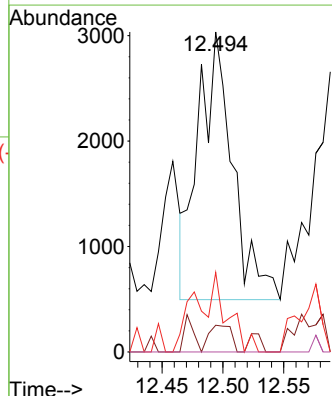
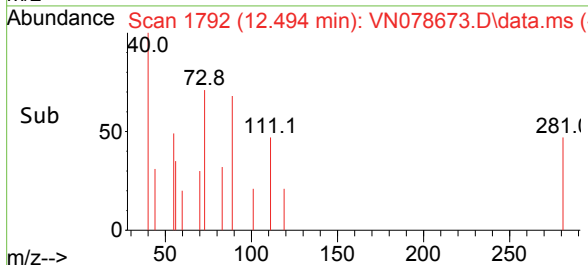


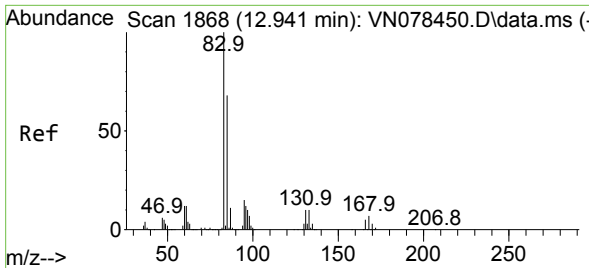
#74  
 N-amyI acetate  
 Concen: 0.330 ug/l  
 RT: 12.494 min Scan# 1792  
 Delta R.T. -0.006 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35



Tgt Ion: 43 Resp: 4982

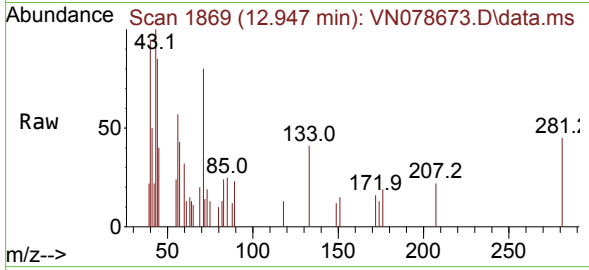
Ion	Ratio	Lower	Upper
43	100		
70	6.5	43.4	65.2#
55	0.0	21.4	32.0#
61	0.0	22.8	34.2#



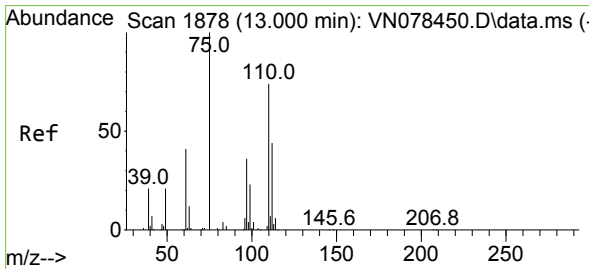
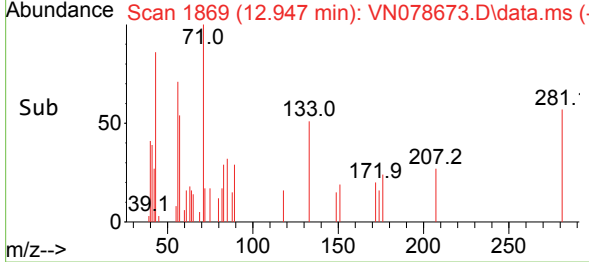
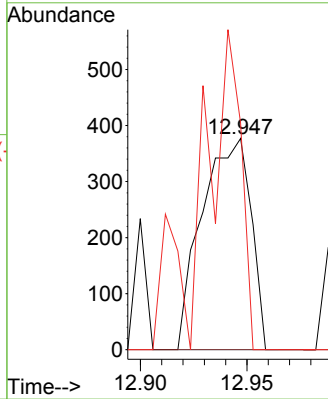


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: Below Cal  
 RT: 12.947 min Scan# 1869  
 Delta R.T. 0.006 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument : MSVOA\_N  
 ClientSampleId :

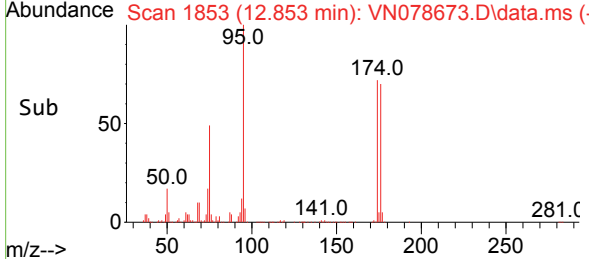
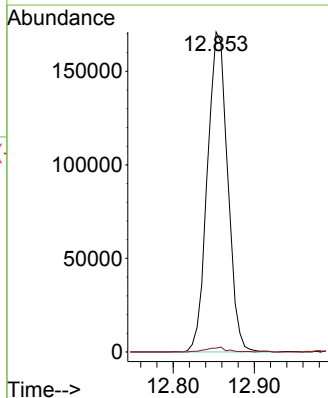
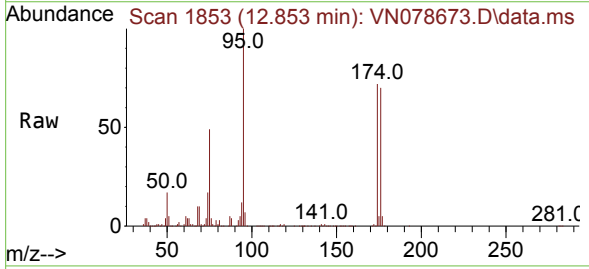


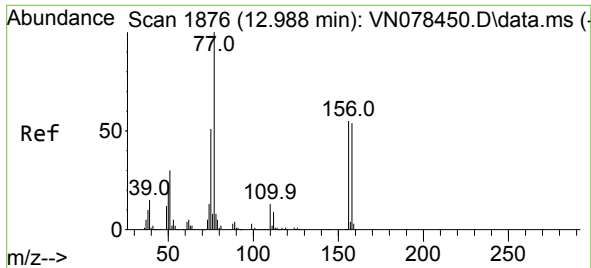
Tgt Ion: 83 Resp: 603  
 Ion Ratio Lower Upper  
 83 100  
 131 0.0 5.0 15.0#  
 85 122.2 31.9 95.7#



#76  
 1,2,3-Trichloropropane  
 Concen: 26.339 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. -0.147 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

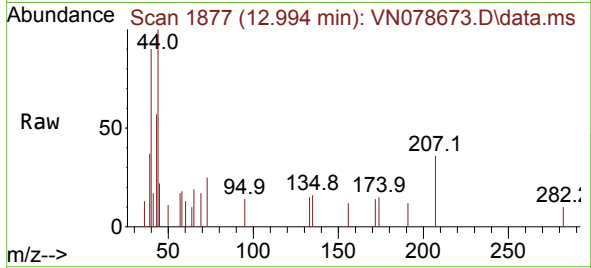
Tgt Ion: 75 Resp: 296901  
 Ion Ratio Lower Upper  
 75 100  
 77 1.5 84.5 253.5#



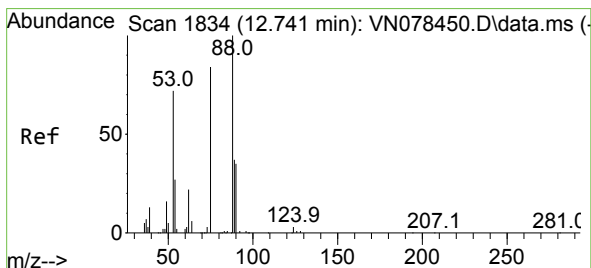
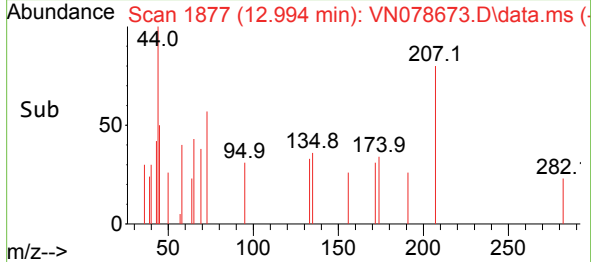
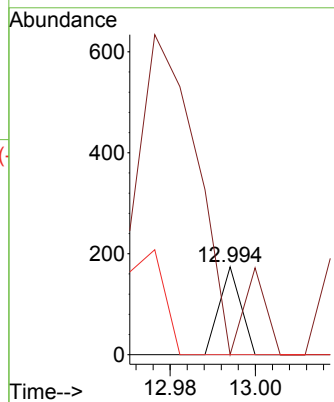


#77  
 Bromobenzene  
 Concen: Below Cal  
 RT: 12.994 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :

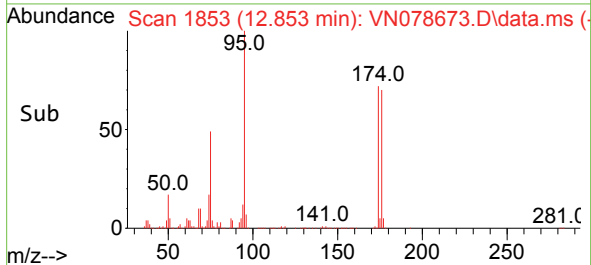
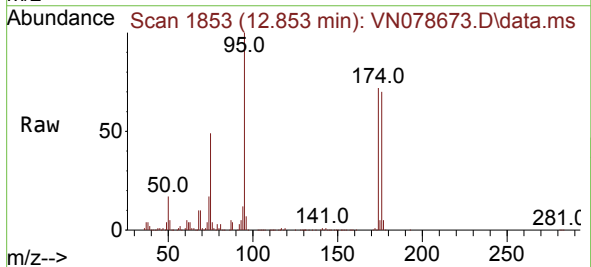
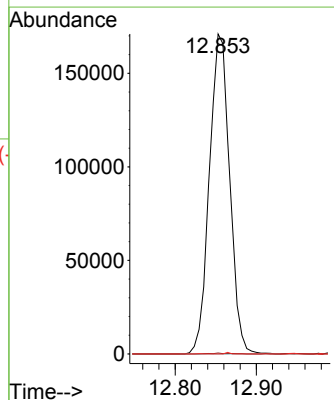


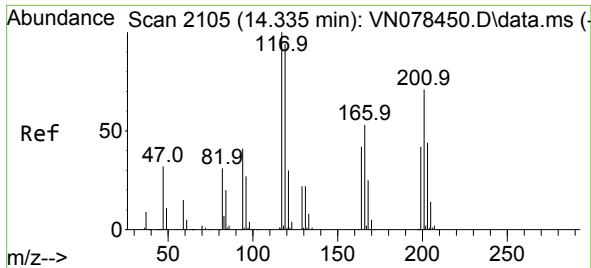
Tgt Ion:156 Resp: 61  
 Ion Ratio Lower Upper  
 156 100  
 77 1311.5 107.7 323.3#  
 158 216.4 48.4 145.3#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 69.213 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.112 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Tgt Ion: 75 Resp: 296901  
 Ion Ratio Lower Upper  
 75 100  
 53 0.2 67.4 101.2#  
 89 0.1 38.8 58.2#

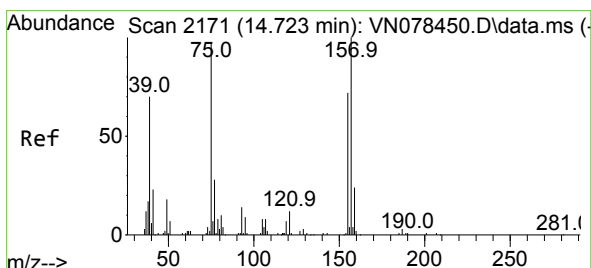
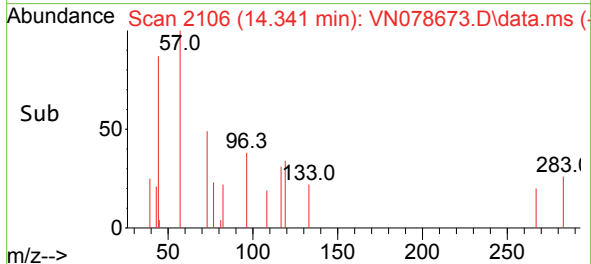
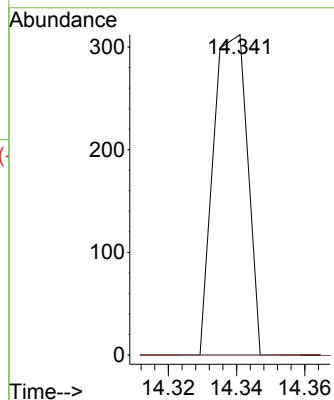
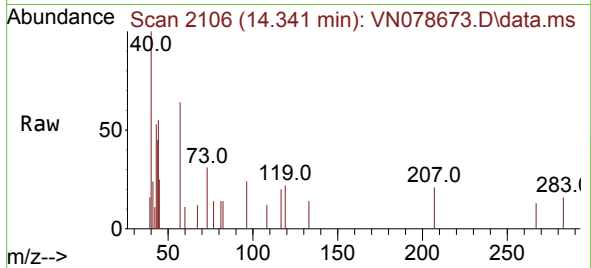




#90  
 Hexachloroethane  
 Concen: Below Cal  
 RT: 14.341 min Scan# 2105  
 Delta R.T. 0.006 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tgt Ion:117 Resp: 216  
 Ion Ratio Lower Upper  
 117 100  
 201 0.0 29.3 88.0#



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: Below Cal  
 RT: 14.600 min Scan# 2150  
 Delta R.T. -0.123 min  
 Lab File: VN078673.D  
 Acq: 27 Jul 2023 20:35

Tgt Ion: 75 Resp: 56  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 39.1 117.2#  
 157 0.0 50.3 150.9#

