

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020923\
 Data File : VN076597.D
 Acq On : 09 Feb 2023 19:02
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 10 05:14:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.816	128	28790	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.104	114	206824	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.868	117	234624	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.580	65	99212	29.238	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.467%		
60) 4-Bromofluorobenzene	12.851	95	153011	28.887	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.300%		
63) Toluene-d8	10.568	98	246171	28.575	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.267%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.140	85	586565	147.200	ug/l	99
3) Chloromethane	2.375	50	607621	126.816	ug/l	99
4) Vinyl Chloride	2.528	62	501060	119.770	ug/l	98
5) Bromomethane	2.922	94	198904	94.702	ug/l	91
6) Chloroethane	3.104	64	274536	147.430	ug/l	92
7) Trichlorofluoromethane	3.498	101	962213	135.450	ug/l	95
8) Diethyl Ether	3.969	74	334134	148.296	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.375	101	483706	141.455	ug/l	98
10) 1,1-Dichloroethene	4.345	96	455887	141.867	ug/l #	75
11) Methyl Iodide	4.592	142	701499	150.129	ug/l	85
12) Methyl Acetate	5.034	43	972561	144.221	ug/l	93
13) Acrolein	4.186	56	681046	788.485	ug/l	99
14) Acrylonitrile	5.728	53	1448643	733.237	ug/l	99
15) Acetone	4.363	58	770	1.351	ug/l	86
16) Carbon Disulfide	4.716	76	1340553	151.791	ug/l	99
17) Allyl chloride	5.034	41	923213	149.024	ug/l	93
18) Methylene Chloride	5.281	84	529372	139.214	ug/l	91
19) trans-1,2-Dichloroethene	5.792	96	485751	147.084	ug/l	88
20) Diisopropyl ether	6.680	45	1900313	134.382	ug/l	93
21) 1,1-Dichloroethane	6.575	63	1017496	131.948	ug/l	99
22) cis-1,2-Dichloroethene	7.492	96	560279	141.644	ug/l	90
23) tert-Butyl Alcohol	5.533	59	538994	813.004	ug/l #	100
24) Methyl tert-Butyl Ether	5.804	73	1759931	152.016	ug/l	94
25) Chloroform	7.969	83	1022343	133.983	ug/l	97
26) Cyclohexane	8.263	56	936671	136.882	ug/l #	96
29) 1,1-Dichloropropene	8.380	75	769691	143.774	ug/l	95
30) 2-Butanone	7.492	43	2050483	709.585	ug/l	96
31) 2,2-Dichloropropane	7.498	77	851103	153.121	ug/l	94
32) 1,1,1-Trichloroethane	8.174	97	951198	143.206	ug/l	98
33) Carbon Tetrachloride	8.369	117	822268	143.487	ug/l	97
34) Benzene	8.610	78	2118315	128.779	ug/l #	92
35) Methacrylonitrile	7.786	41	486169	146.321	ug/l	90
36) 1,2-Dichloroethane	8.674	62	899797	142.647	ug/l #	95
37) Trichloroethene	9.357	130	502052	149.070	ug/l	90
38) Methylcyclohexane	9.604	83	914756	154.376	ug/l	92
39) 1,2-Dichloropropane	9.627	63	565242	143.993	ug/l	97
40) Dibromomethane	9.710	93	377749	146.274	ug/l	96
41) Bromodichloromethane	9.892	83	827469	152.391	ug/l #	97
42) Vinyl Acetate	6.610	43	6108060	650.215	ug/l	100

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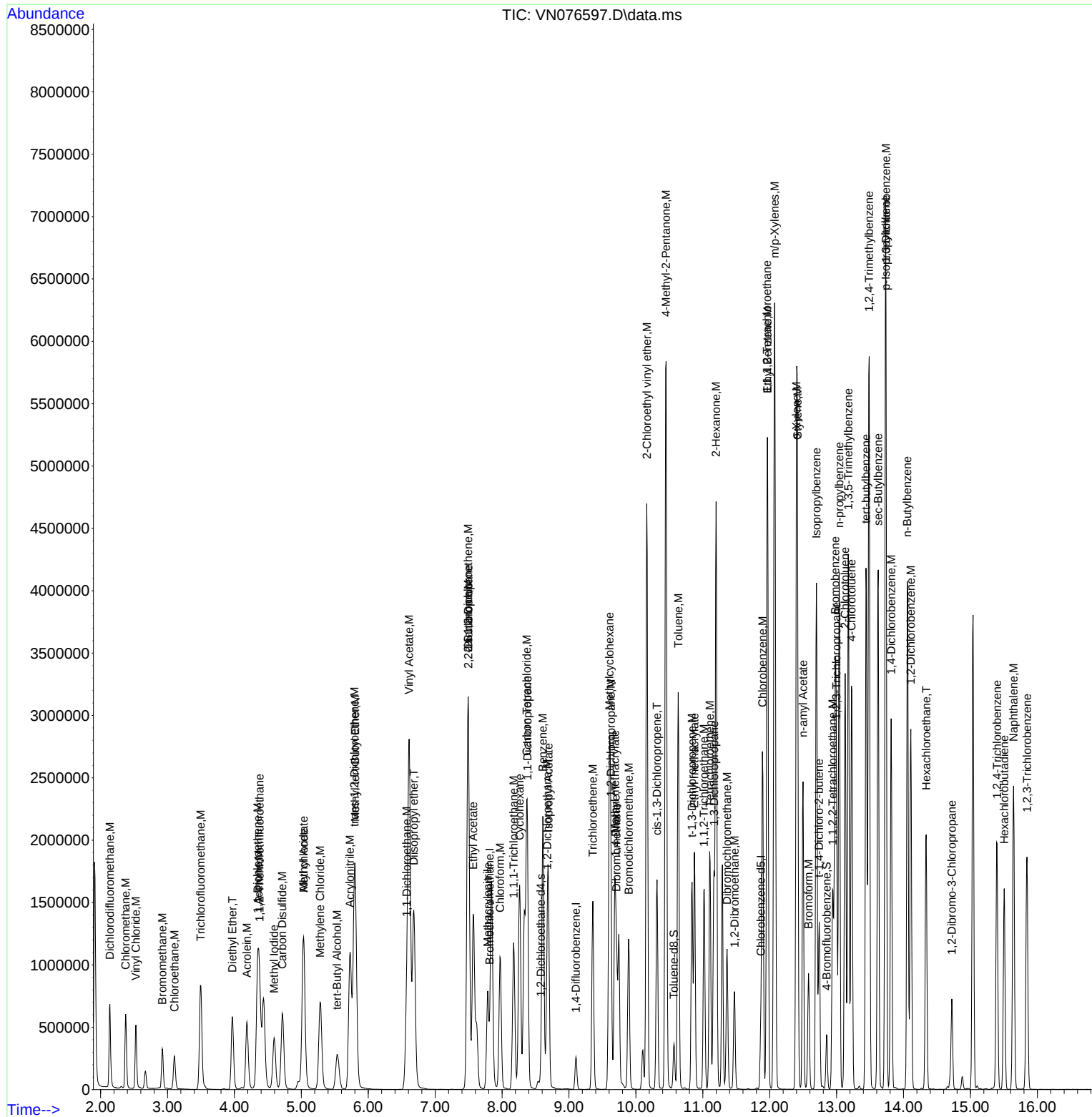
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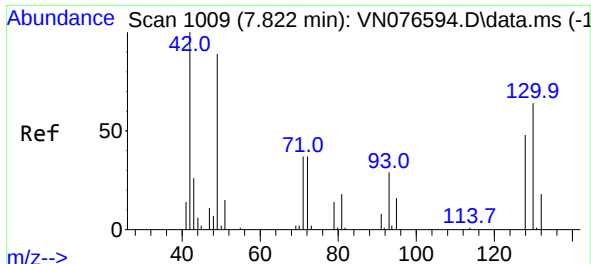
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.569	43	852685	144.726	ug/l	96
44) Isopropyl Acetate	8.692	43	1434516	148.002	ug/l	99
45) 1,4-Dioxane	9.698	88	237766	3009.245	ug/l	91
46) Methyl methacrylate	9.686	41	714104	152.806	ug/l	87
47) n-amyl Acetate	12.498	43	1385209	168.137	ug/l	98
48) t-1,3-Dichloropropene	10.839	75	916288	167.637	ug/l	98
49) cis-1,3-Dichloropropene	10.316	75	951556	157.484	ug/l #	86
50) 1,1,2-Trichloroethane	11.015	97	507058	144.576	ug/l	96
51) Ethyl methacrylate	10.874	69	907521	162.961	ug/l	92
52) 1,3-Dichloropropane	11.168	76	943870	144.374	ug/l	99
53) Dibromochloromethane	11.363	129	589768	161.831	ug/l	95
54) 1,2-Dibromoethane	11.474	107	535530	150.898	ug/l	99
55) 2-Chloroethyl vinyl ether	10.163	63	2047243	804.819	ug/l	98
56) Bromoform	12.580	173	400350	170.570	ug/l	99
58) 4-Methyl-2-Pentanone	10.451	43	4221139	643.578	ug/l	96
59) 2-Hexanone	11.198	43	3178115	666.436	ug/l	95
61) Tetrachloroethene	11.104	164	398204	132.772	ug/l	96
62) Toluene	10.633	91	2252094	129.466	ug/l	98
64) Chlorobenzene	11.892	112	1381220	137.067	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.962	131	511458	133.879	ug/l	98
66) Ethyl Benzene	11.968	91	2635467	138.199	ug/l	100
67) m/p-Xylenes	12.074	106	1970896	275.454	ug/l	94
68) o-Xylene	12.398	106	967883	137.306	ug/l	95
69) Styrene	12.415	104	1633463	145.990	ug/l	95
70) Isopropylbenzene	12.698	105	2619916	138.691	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.939	83	799687	121.423	ug/l	98
72) 1,2,3-Trichloropropane	12.998	75	1109660	185.015	ug/l	59
73) Bromobenzene	12.980	156	562183	125.420	ug/l	97
74) n-propylbenzene	13.039	91	3222852	133.023	ug/l	98
75) 2-Chlorotoluene	13.127	91	1931664	126.747	ug/l	94
76) 1,3,5-Trimethylbenzene	13.174	105	2300466	130.412	ug/l	97
77) t-1,4-Dichloro-2-butene	12.739	75	282836	155.890	ug/l	79
78) 4-Chlorotoluene	13.221	91	1976772	128.998	ug/l	94
79) tert-butylbenzene	13.439	119	1974165	131.850	ug/l	91
80) 1,2,4-Trimethylbenzene	13.486	105	2276591	130.863	ug/l	97
81) sec-Butylbenzene	13.621	105	2857120	136.277	ug/l	100
82) p-Isopropyltoluene	13.733	119	2393694	142.093	ug/l	96
83) 1,3-Dichlorobenzene	13.739	146	1097511	132.377	ug/l	95
84) 1,4-Dichlorobenzene	13.815	146	1120186	135.425	ug/l	96
85) n-Butylbenzene	14.056	91	2277305	145.575	ug/l	98
86) Hexachloroethane	14.339	117	444878	136.010	ug/l	94
87) 1,2-Dichlorobenzene	14.109	146	1096475	120.478	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.721	75	199915	148.910	ug/l	82
89) 1,2,4-Trichlorobenzene	15.398	180	612258	161.305	ug/l	98
90) Hexachlorobutadiene	15.503	225	283570	154.647	ug/l	98
91) Naphthalene	15.645	128	2146528	165.748	ug/l	99
92) 1,2,3-Trichlorobenzene	15.845	180	600218	158.438	ug/l	97

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

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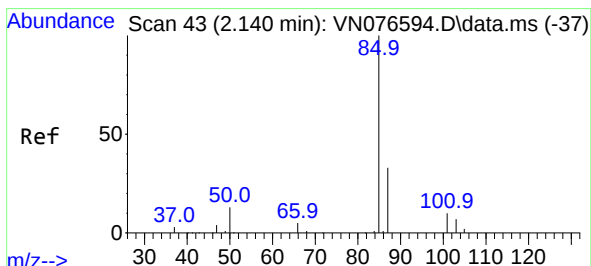
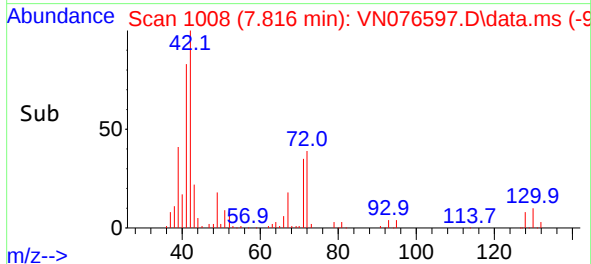
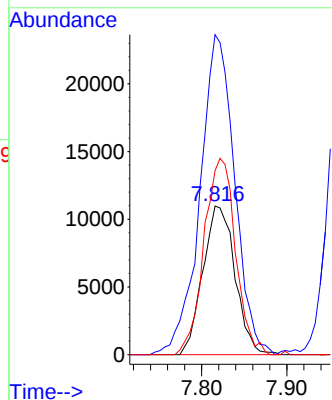
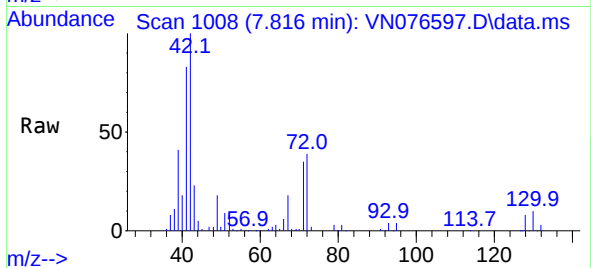




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.816 min Scan# 10
Delta R.T. -0.014 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

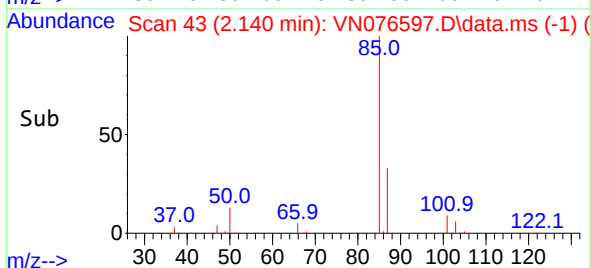
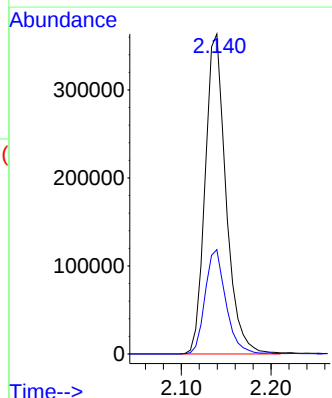
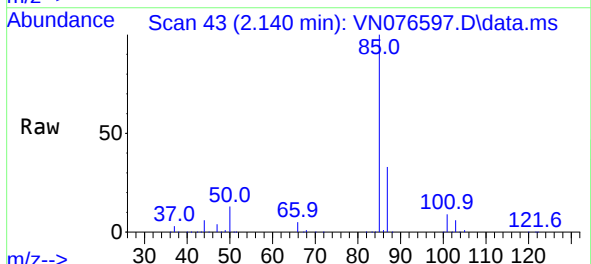
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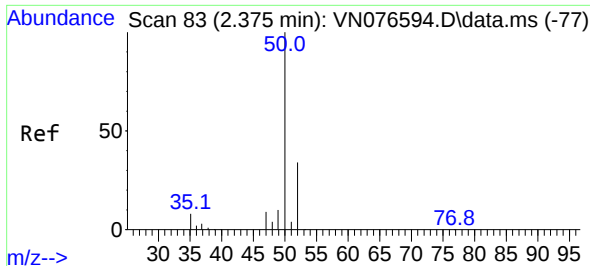
Tgt Ion:128 Resp: 28790
Ion Ratio Lower Upper
128 100
49 231.9 0.0 492.0
130 129.2 0.0 313.3



#2
Dichlorodifluoromethane
Concen: 147.200 ug/l
RT: 2.140 min Scan# 43
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 85 Resp: 586565
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1

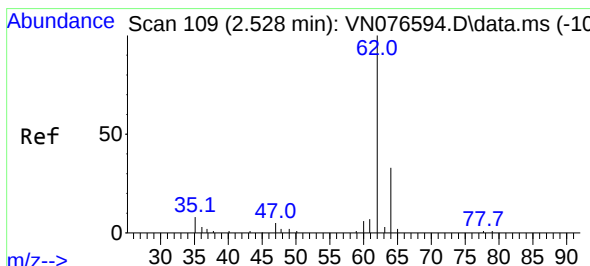
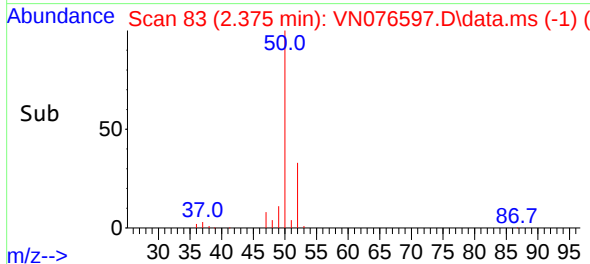
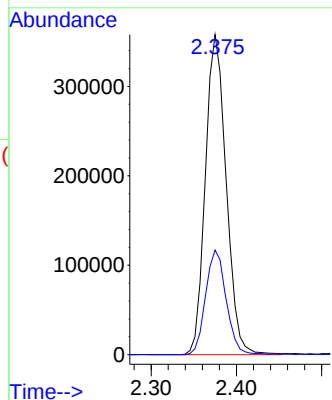
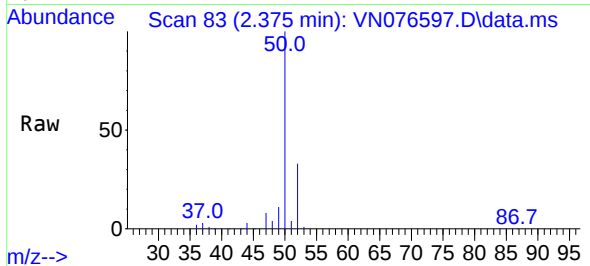




#3
Chloromethane
Concen: 126.816 ug/l
RT: 2.375 min Scan# 83
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

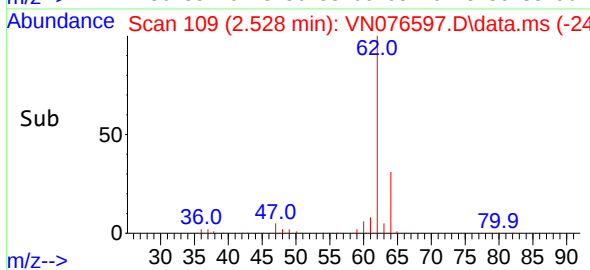
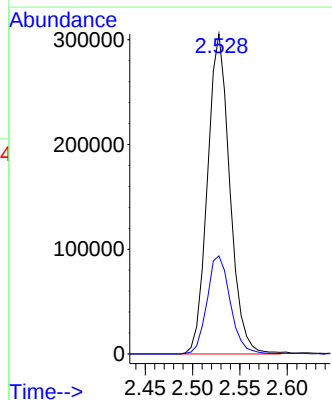
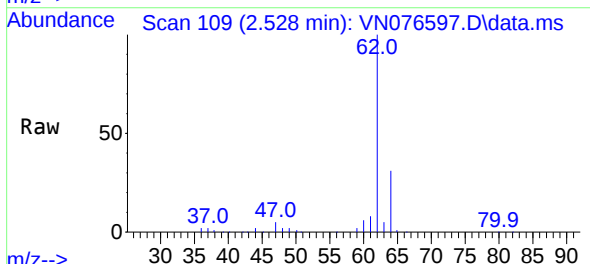
Instrument :
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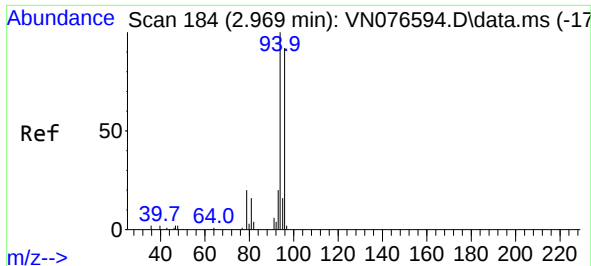
Tgt Ion: 50 Resp: 607621
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 119.770 ug/l
RT: 2.528 min Scan# 109
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 62 Resp: 501060
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4

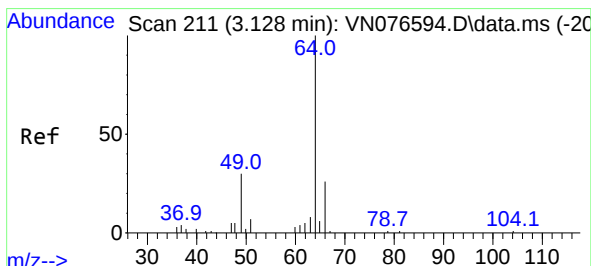
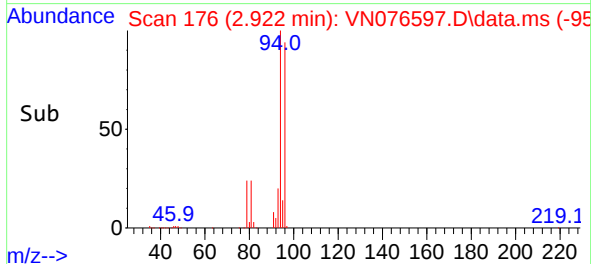
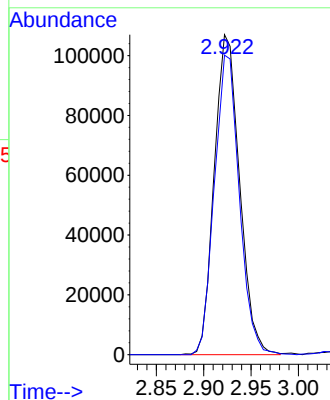
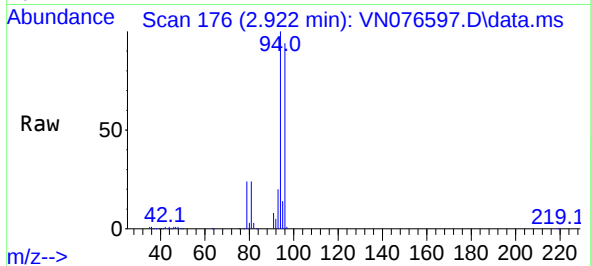




#5
Bromomethane
Concen: 94.702 ug/l
RT: 2.922 min Scan# 11
Delta R.T. -0.026 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

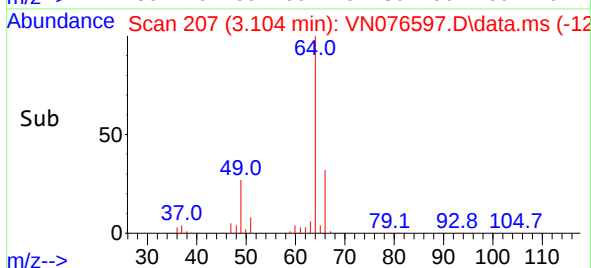
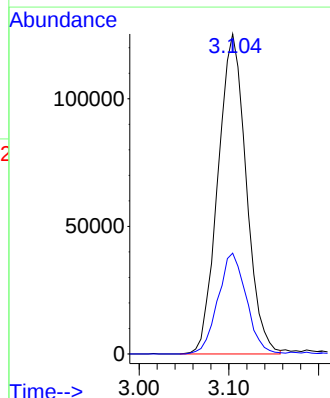
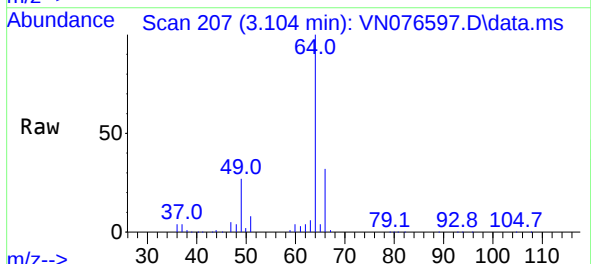
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ClientSampleId :
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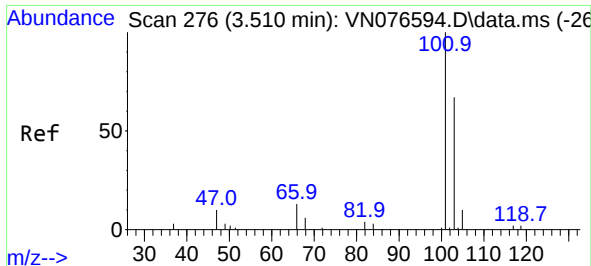
Tgt Ion: 94 Resp: 198904
Ion Ratio Lower Upper
94 100
96 93.6 68.3 102.5



#6
Chloroethane
Concen: 147.430 ug/l
RT: 3.104 min Scan# 207
Delta R.T. -0.020 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 64 Resp: 274536
Ion Ratio Lower Upper
64 100
66 31.5 21.8 32.8

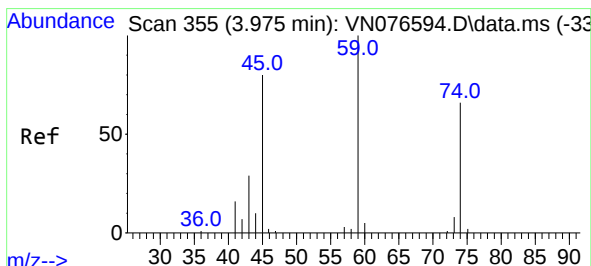
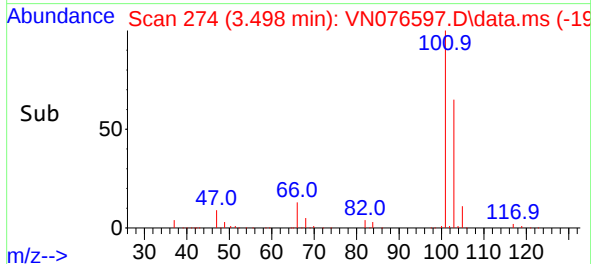
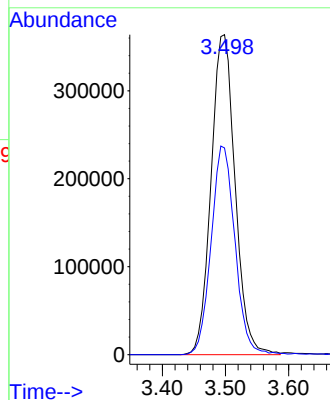
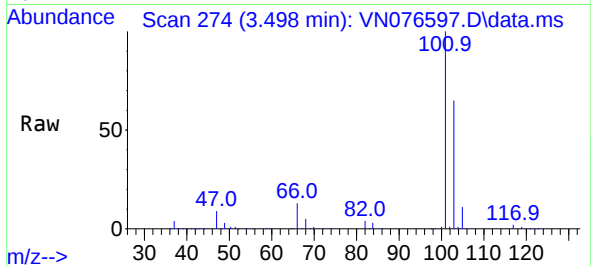




#7
Trichlorofluoromethane
Concen: 135.450 ug/l
RT: 3.498 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

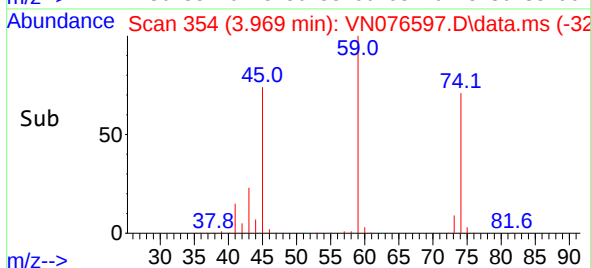
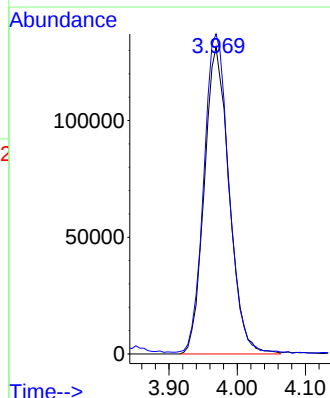
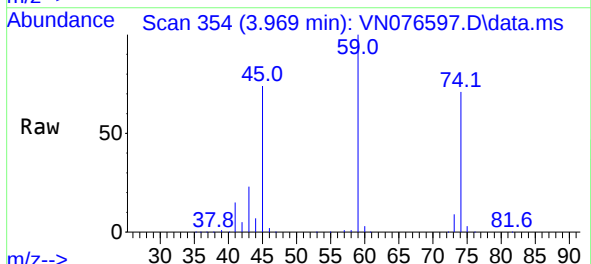
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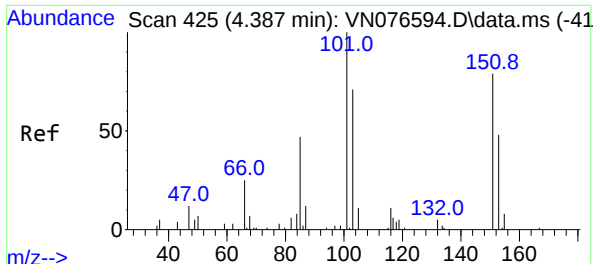
Tgt Ion:101 Resp: 962213
Ion Ratio Lower Upper
101 100
103 64.6 54.8 82.2



#8
Diethyl Ether
Concen: 148.296 ug/l
RT: 3.969 min Scan# 354
Delta R.T. -0.020 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 74 Resp: 334134
Ion Ratio Lower Upper
74 100
45 105.0 19.0 171.0

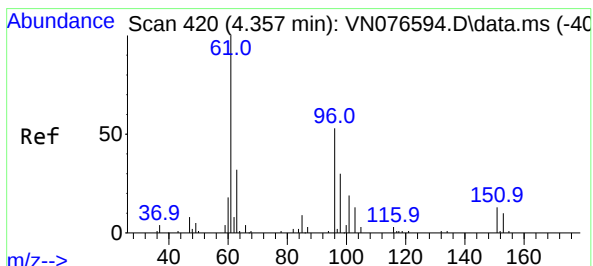
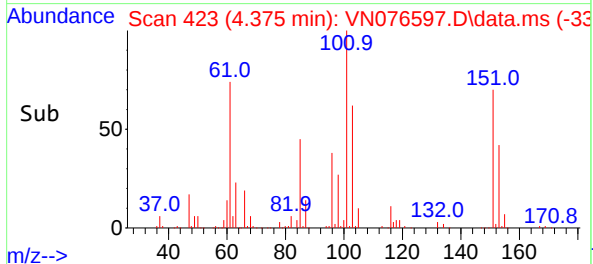
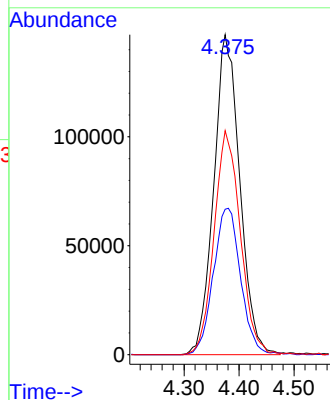
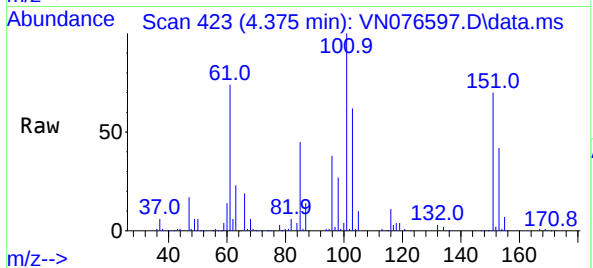




#9
1,1,2-Trichlorotrifluoroethane
Concen: 141.455 ug/l
RT: 4.375 min Scan# 418
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

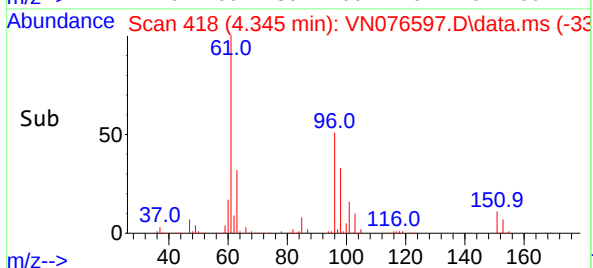
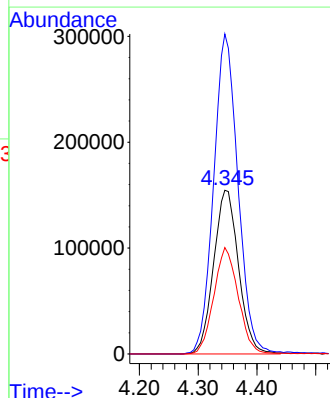
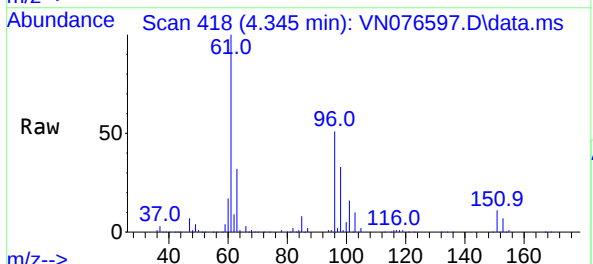
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ClientSampleId :
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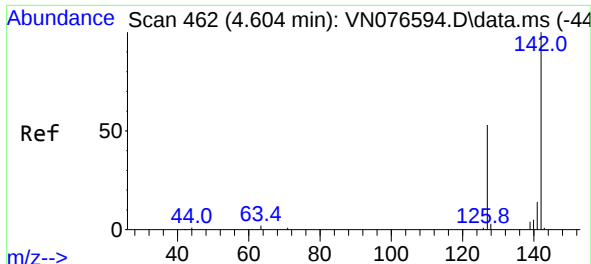
Tgt Ion:101 Resp: 483706
Ion Ratio Lower Upper
101 100
85 47.7 0.0 94.6
151 70.3 0.0 144.8



#10
1,1-Dichloroethene
Concen: 141.867 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.014 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 96 Resp: 455887
Ion Ratio Lower Upper
96 100
61 195.5 125.5 188.3#
98 65.0 45.0 67.4

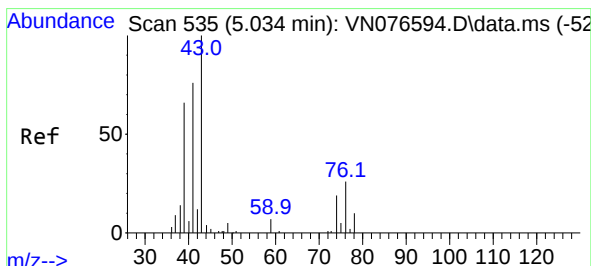
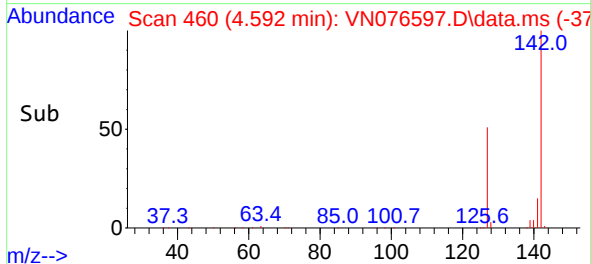
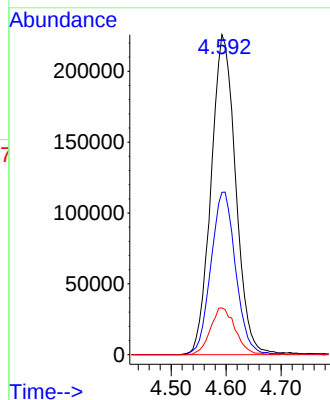
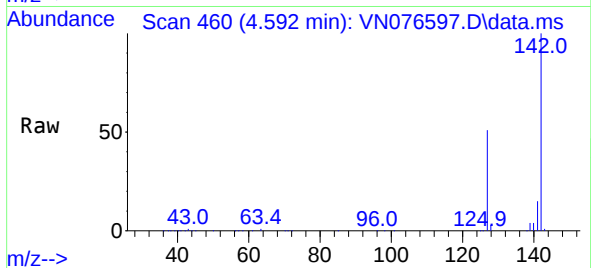




#11
Methyl Iodide
Concen: 150.129 ug/l
RT: 4.592 min Scan# 41
Delta R.T. -0.020 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

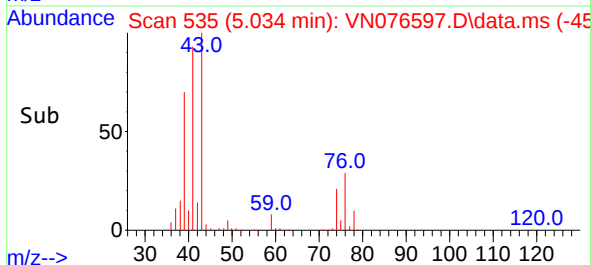
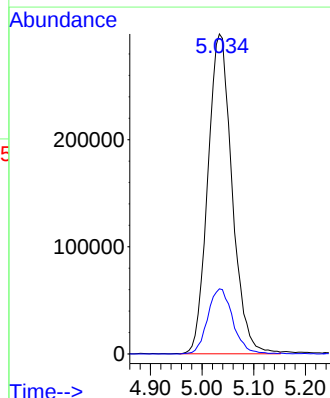
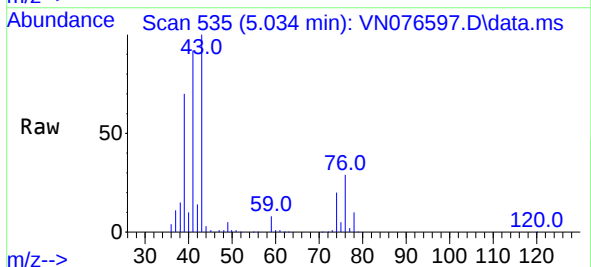
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

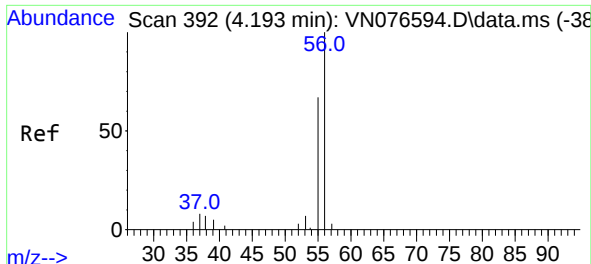
Tgt Ion:142 Resp: 701499
Ion Ratio Lower Upper
142 100
127 50.7 19.3 57.8
141 14.6 7.7 23.1



#12
Methyl Acetate
Concen: 144.221 ug/l
RT: 5.034 min Scan# 535
Delta R.T. -0.014 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 43 Resp: 972561
Ion Ratio Lower Upper
43 100
74 20.3 19.0 28.6

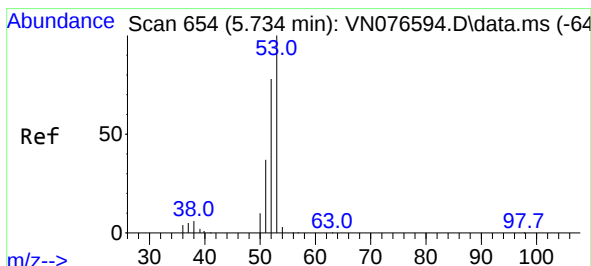
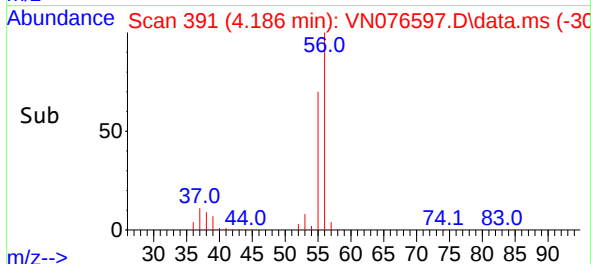
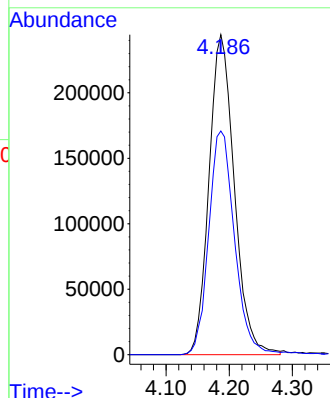
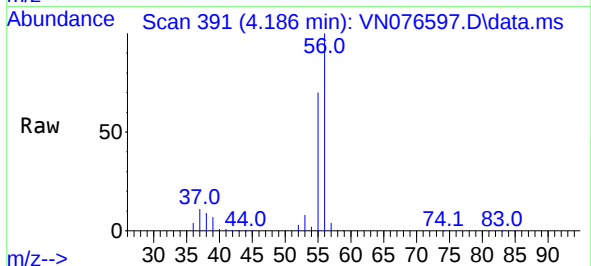




#13
Acrolein
Concen: 788.485 ug/l
RT: 4.186 min Scan# 391
Delta R.T. -0.020 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

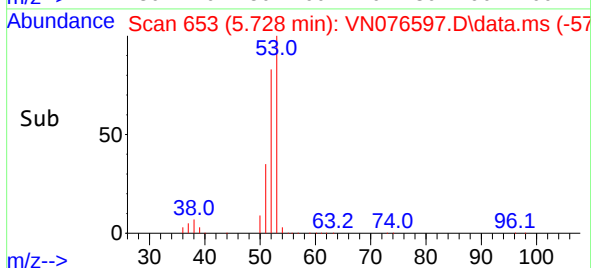
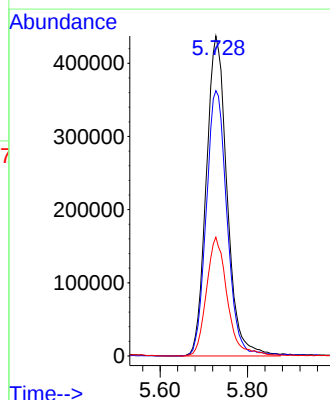
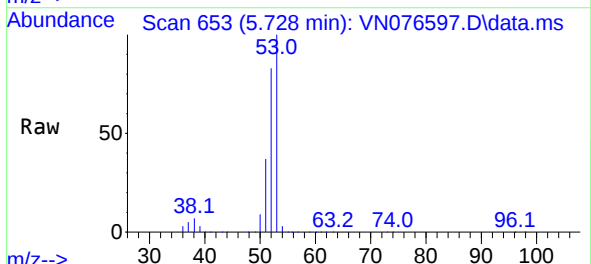
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

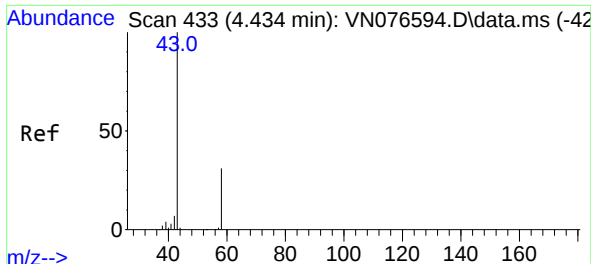
Tgt Ion: 56 Resp: 681046
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.2



#14
Acrylonitrile
Concen: 733.237 ug/l
RT: 5.728 min Scan# 653
Delta R.T. -0.014 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 53 Resp: 1448643
Ion Ratio Lower Upper
53 100
52 81.7 40.8 122.4
51 36.3 17.0 51.0

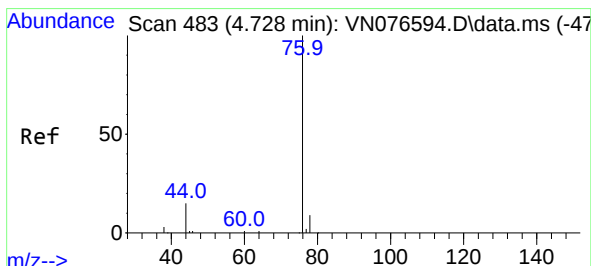
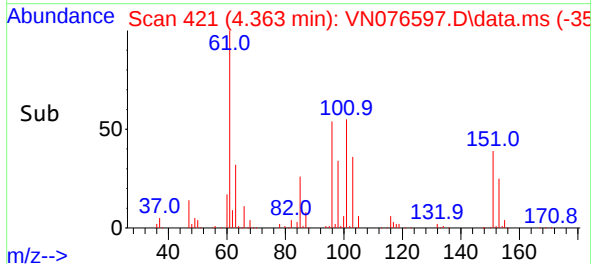
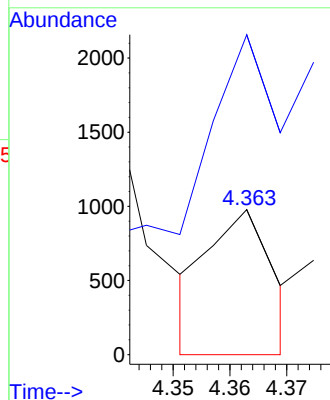
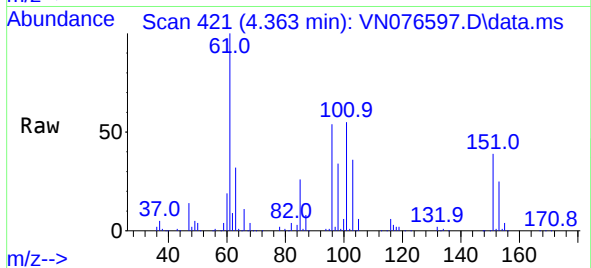




#15
Acetone
Concen: 1.351 ug/l
RT: 4.363 min Scan# 431
Delta R.T. -0.090 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

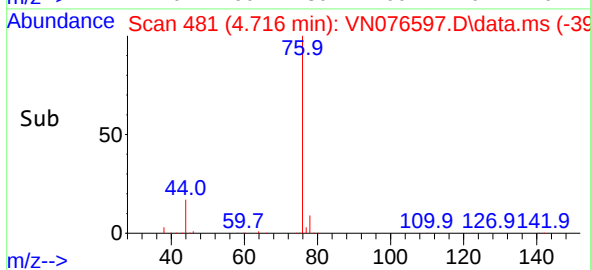
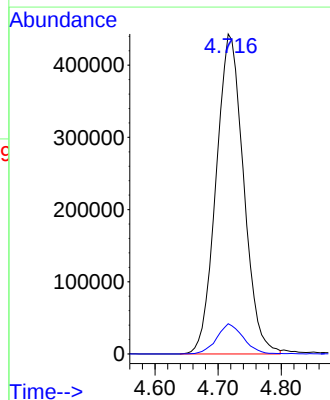
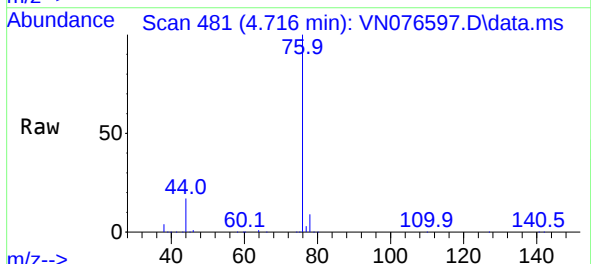
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

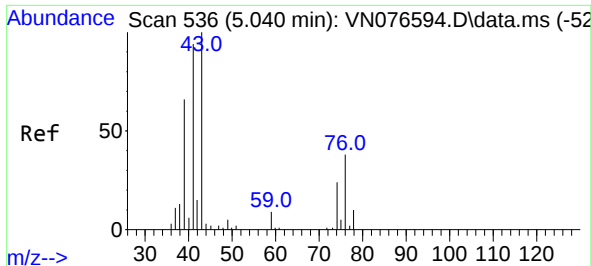
Tgt Ion: 58 Resp: 770
Ion Ratio Lower Upper
58 100
43 262.8 232.2 348.4



#16
Carbon Disulfide
Concen: 151.791 ug/l
RT: 4.716 min Scan# 481
Delta R.T. -0.020 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 76 Resp: 1340553
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

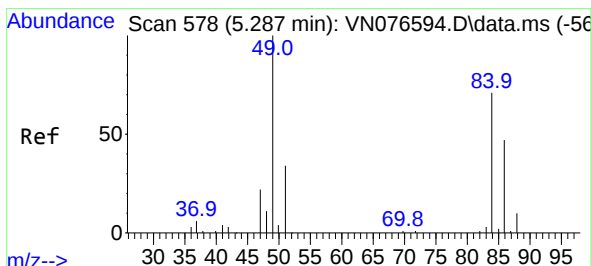
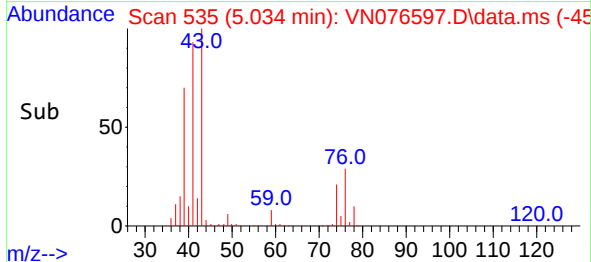
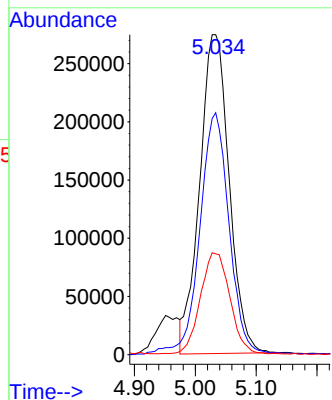
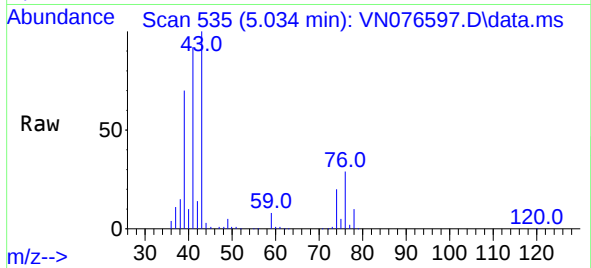




#17
 Allyl chloride
 Concen: 149.024 ug/l
 RT: 5.034 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN076597.D
 Acq: 09 Feb 2023 19:02

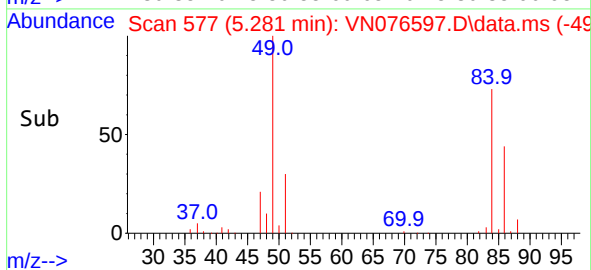
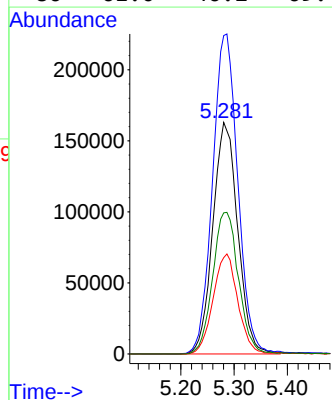
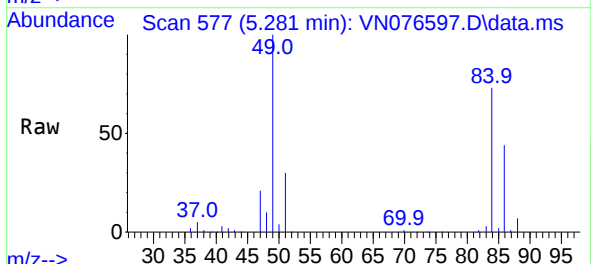
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

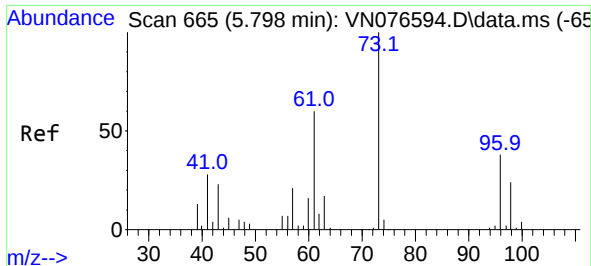
Tgt Ion: 41 Resp: 923213
 Ion Ratio Lower Upper
 41 100
 39 75.6 39.1 117.5
 76 31.4 19.8 59.4



#18
 Methylene Chloride
 Concen: 139.214 ug/l
 RT: 5.281 min Scan# 577
 Delta R.T. -0.019 min
 Lab File: VN076597.D
 Acq: 09 Feb 2023 19:02

Tgt Ion: 84 Resp: 529372
 Ion Ratio Lower Upper
 84 100
 49 137.4 99.6 149.4
 51 41.6 28.2 42.2
 86 61.0 46.2 69.4

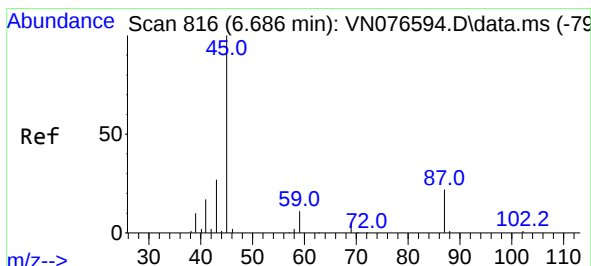
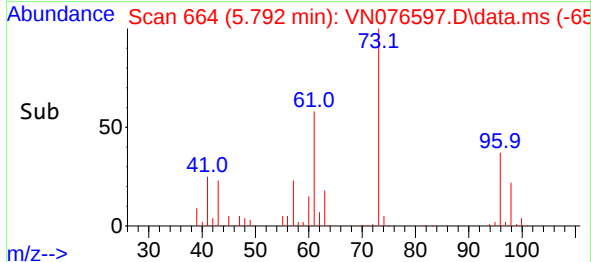
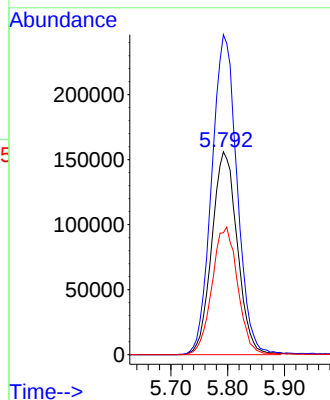
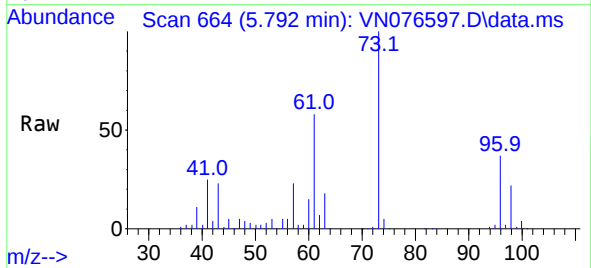




#19
trans-1,2-Dichloroethene
Concen: 147.084 ug/l
RT: 5.792 min Scan# 61
Delta R.T. -0.020 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

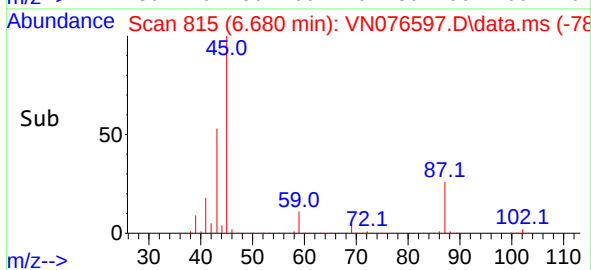
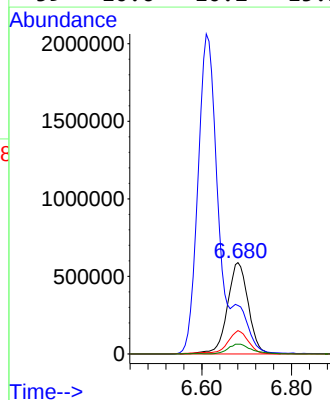
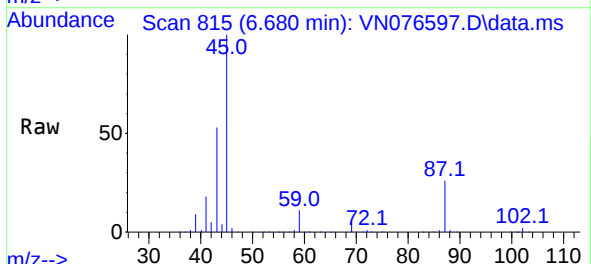
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

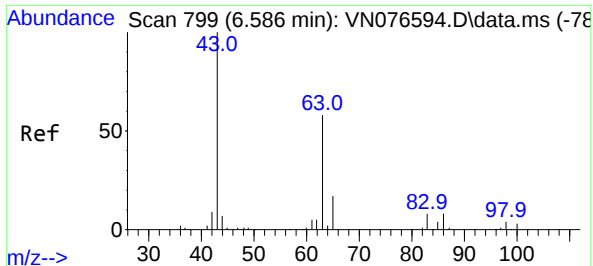
Tgt Ion: 96 Resp: 485751
Ion Ratio Lower Upper
96 100
61 157.5 110.2 165.4
98 60.1 50.0 75.0



#20
Diisopropyl ether
Concen: 134.382 ug/l
RT: 6.680 min Scan# 815
Delta R.T. -0.014 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 45 Resp: 1900313
Ion Ratio Lower Upper
45 100
43 52.2 47.3 70.9
87 25.5 21.8 32.8
59 10.6 10.2 15.2

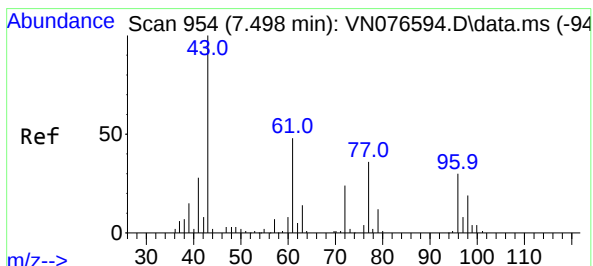
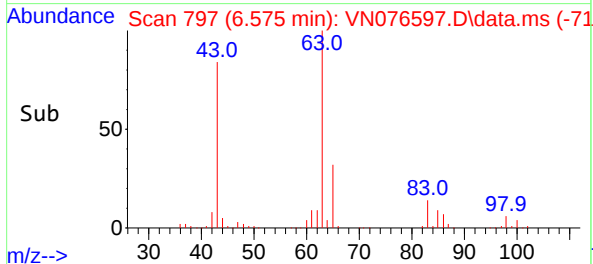
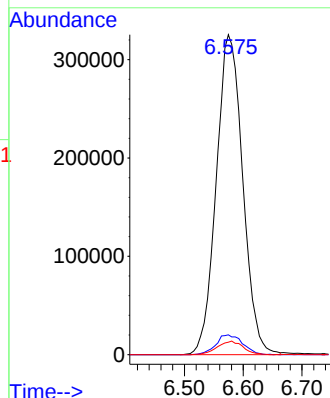
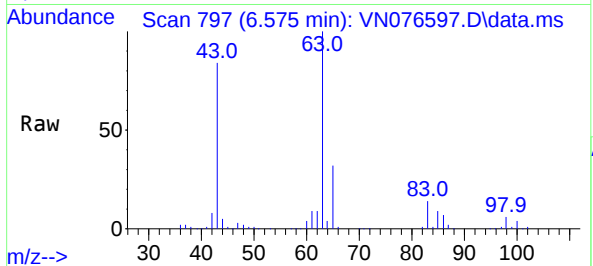




#21
1,1-Dichloroethane
Concen: 131.948 ug/l
RT: 6.575 min Scan# 799
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

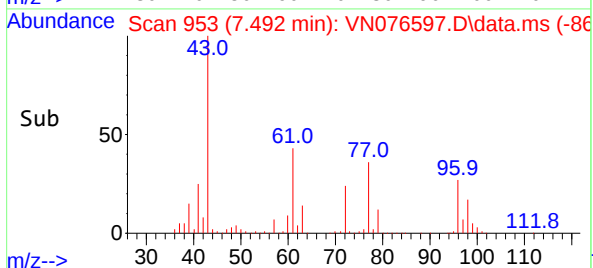
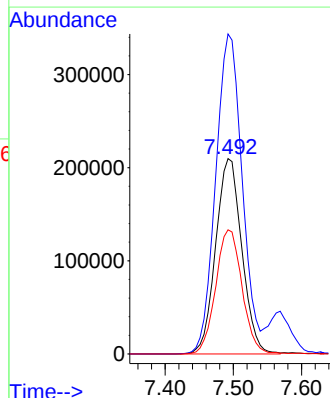
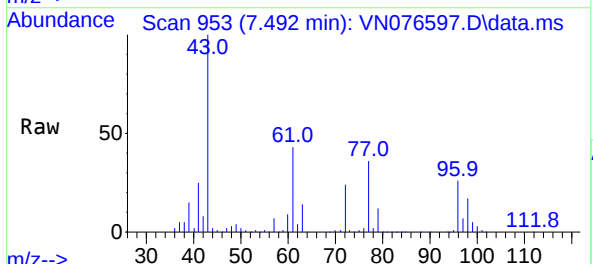
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

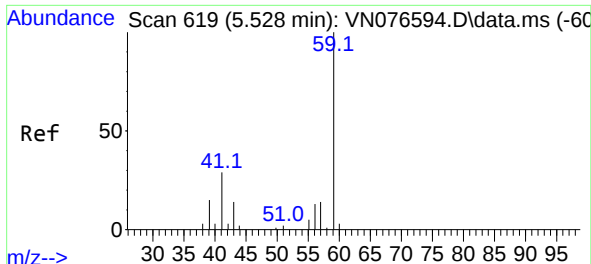
Tgt Ion: 63 Resp: 1017496
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.9
100 3.9 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 141.644 ug/l
RT: 7.492 min Scan# 953
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 96 Resp: 560279
Ion Ratio Lower Upper
96 100
61 165.3 118.8 178.2
98 63.8 52.1 78.1

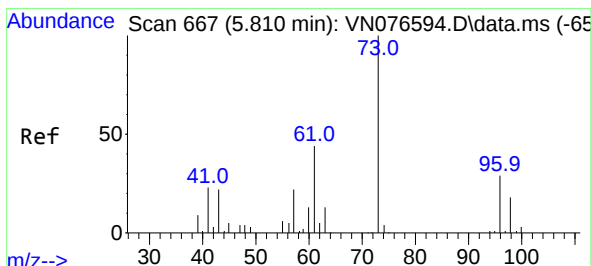
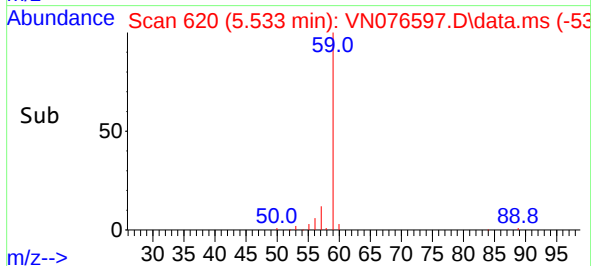
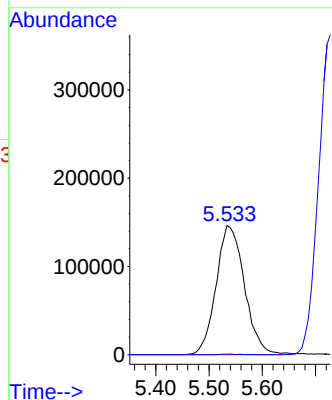
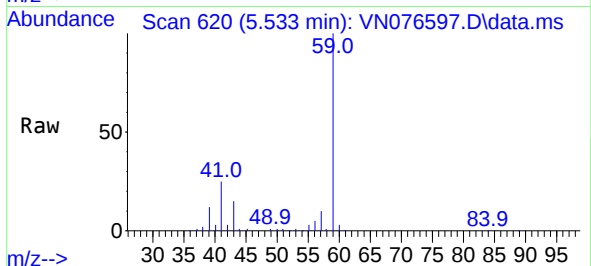




#23
tert-Butyl Alcohol
Concen: 813.004 ug/l
RT: 5.533 min Scan# 619
Delta R.T. -0.026 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

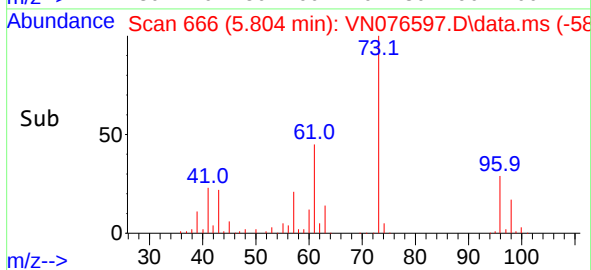
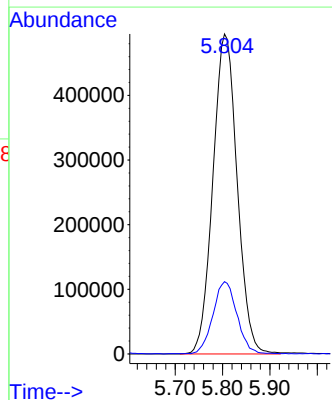
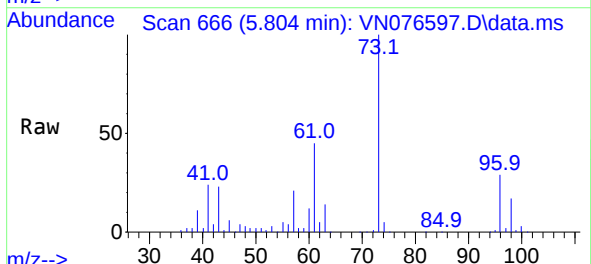
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

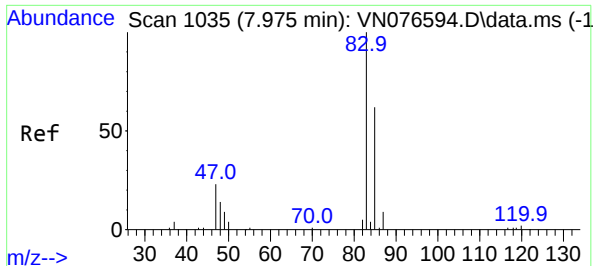
Tgt Ion: 59 Resp: 538994
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#



#24
Methyl tert-Butyl Ether
Concen: 152.016 ug/l
RT: 5.804 min Scan# 666
Delta R.T. -0.014 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 73 Resp: 1759931
Ion Ratio Lower Upper
73 100
43 22.0 15.6 23.4

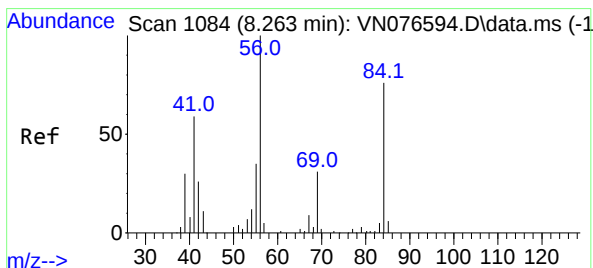
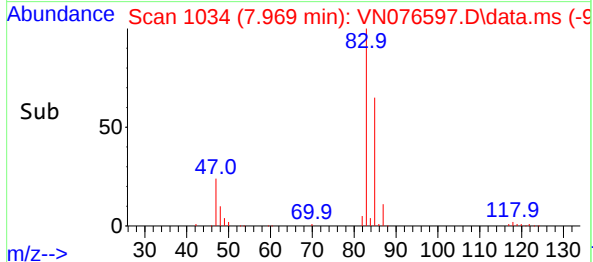
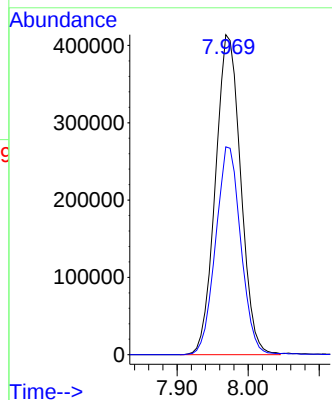
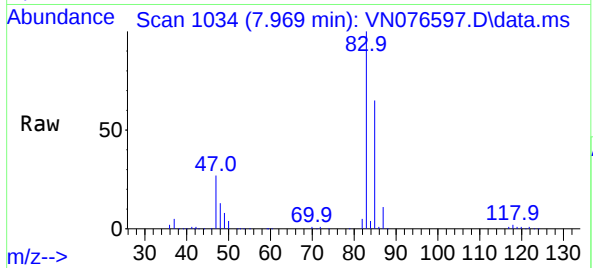




#25
Chloroform
Concen: 133.983 ug/l
RT: 7.969 min Scan# 1034
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

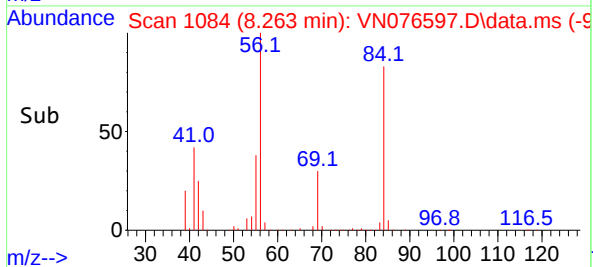
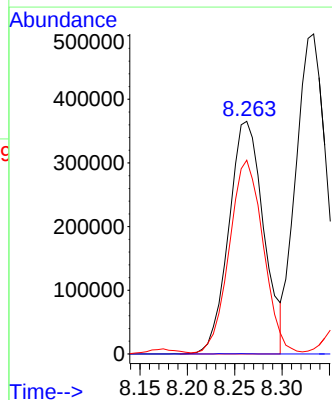
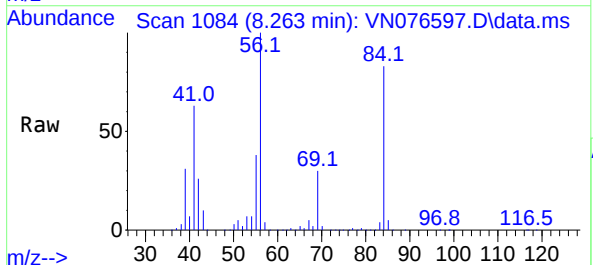
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

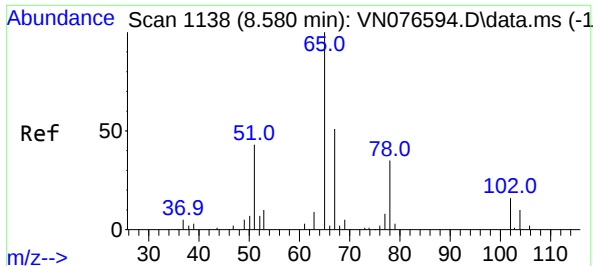
Tgt Ion: 83 Resp: 1022343
Ion Ratio Lower Upper
83 100
85 65.0 53.6 80.4



#26
Cyclohexane
Concen: 136.882 ug/l
RT: 8.263 min Scan# 1084
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 56 Resp: 936671
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 81.6 68.4 102.6

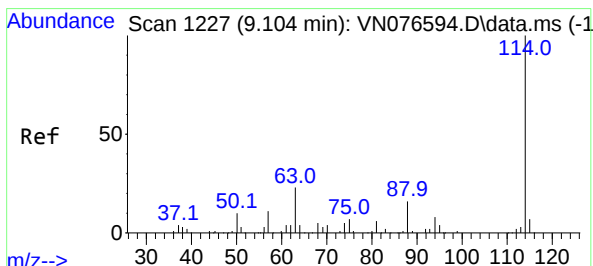
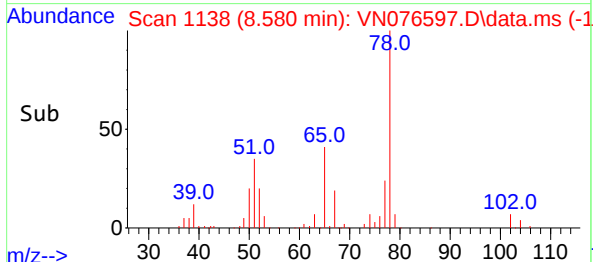
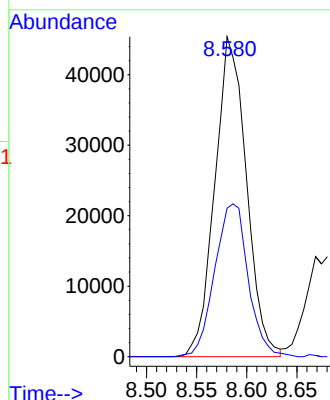
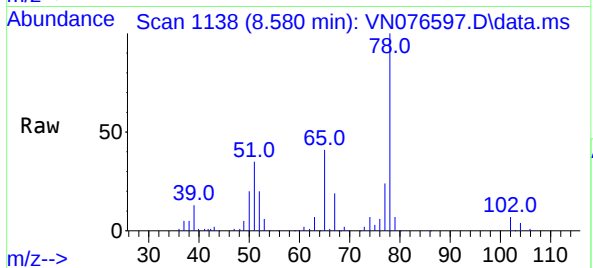




#27
1,2-Dichloroethane-d4
Concen: 29.238 ug/l
RT: 8.580 min Scan# 1138
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

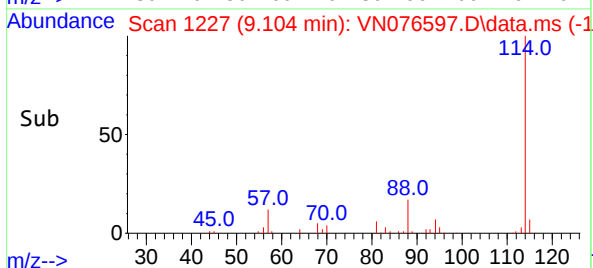
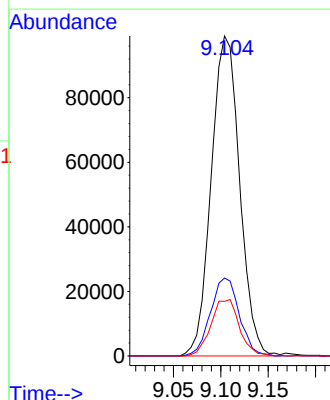
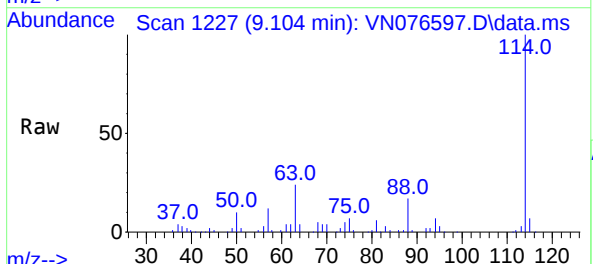
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

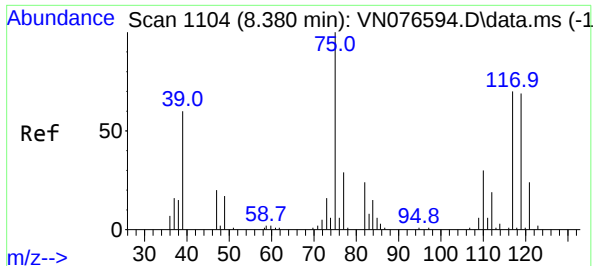
Tgt Ion: 65 Resp: 99212
Ion Ratio Lower Upper
65 100
67 50.7 45.2 67.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.104 min Scan# 1227
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 114 Resp: 206824
Ion Ratio Lower Upper
114 100
63 24.6 16.6 25.0
88 17.6 12.2 18.4

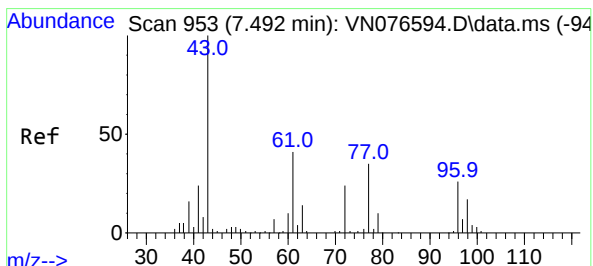
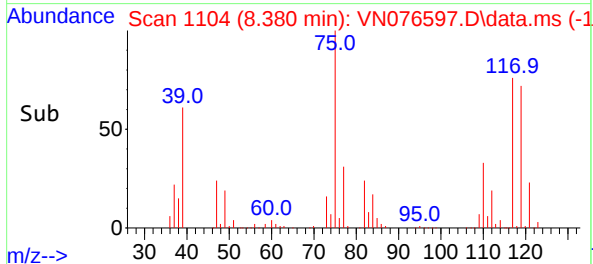
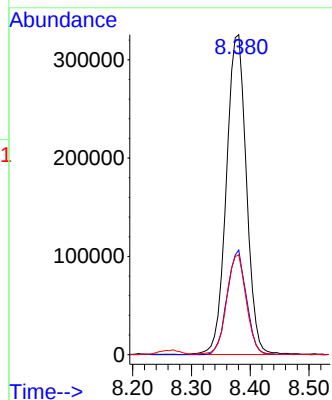
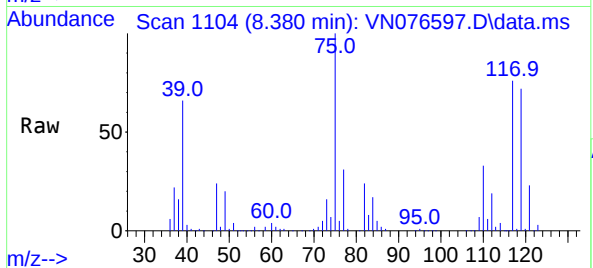




#29
1,1-Dichloropropene
Concen: 143.774 ug/l
RT: 8.380 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

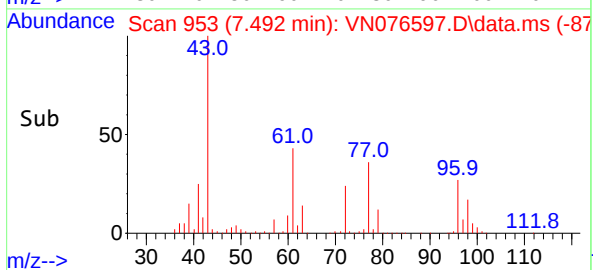
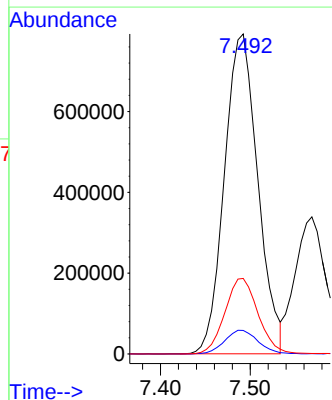
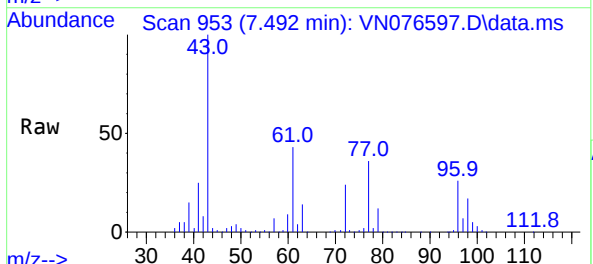
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

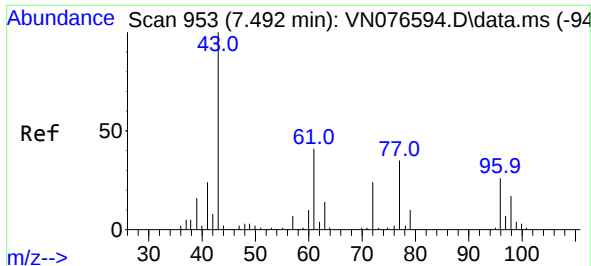
Tgt Ion: 75 Resp: 769691
Ion Ratio Lower Upper
75 100
110 31.5 0.0 72.2
77 30.8 0.0 64.0



#30
2-Butanone
Concen: 709.585 ug/l
RT: 7.492 min Scan# 953
Delta R.T. -0.014 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 43 Resp: 2050483
Ion Ratio Lower Upper
43 100
57 7.4 6.3 9.5
72 23.5 21.0 31.4

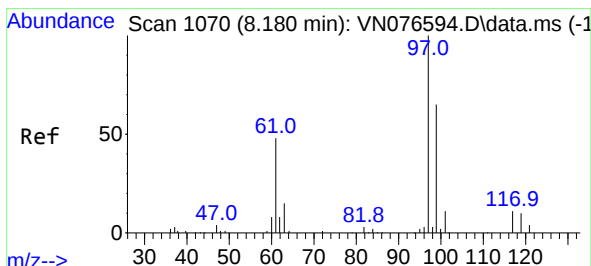
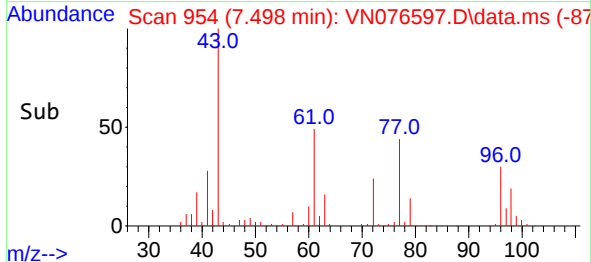
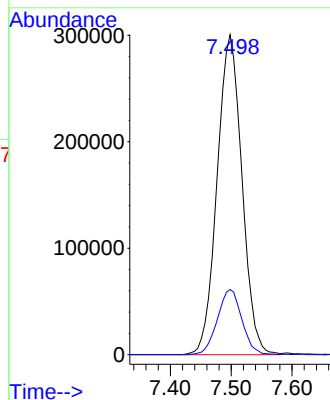
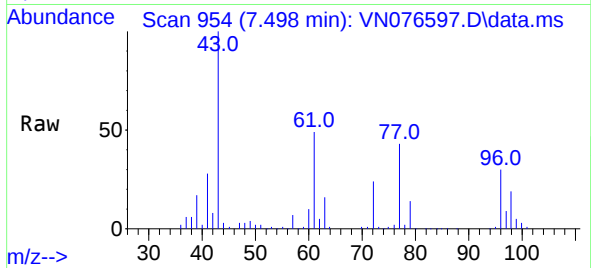




#31
2,2-Dichloropropane
Concen: 153.121 ug/l
RT: 7.498 min Scan# 91
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

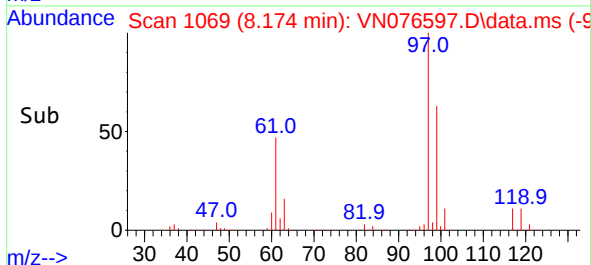
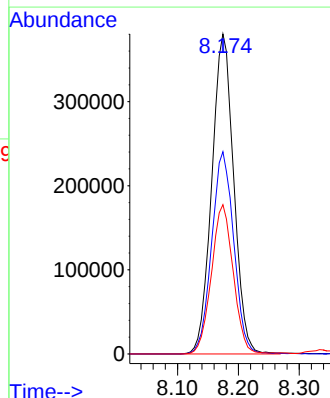
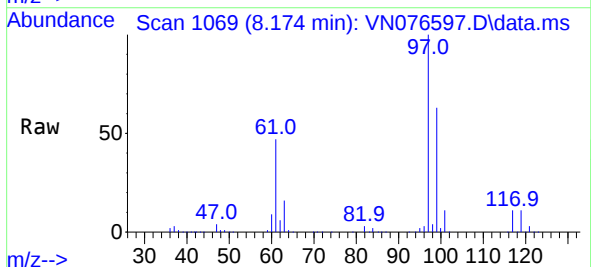
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

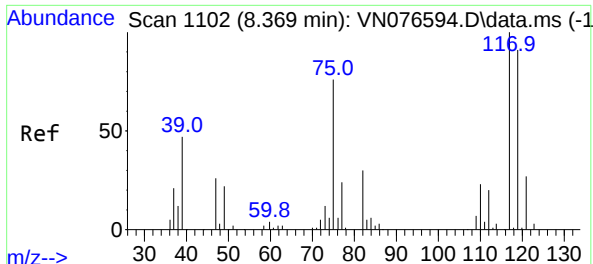
Tgt Ion: 77 Resp: 851103
Ion Ratio Lower Upper
77 100
97 20.1 18.4 27.6



#32
1,1,1-Trichloroethane
Concen: 143.206 ug/l
RT: 8.174 min Scan# 1069
Delta R.T. -0.009 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 97 Resp: 951198
Ion Ratio Lower Upper
97 100
99 63.6 50.0 75.0
61 46.3 36.1 54.1

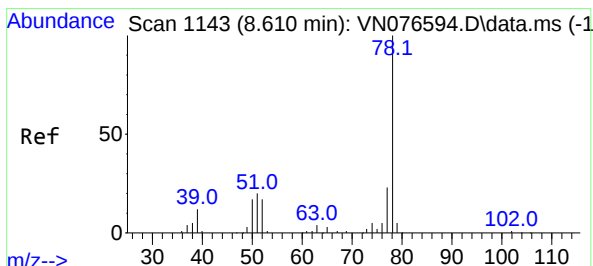
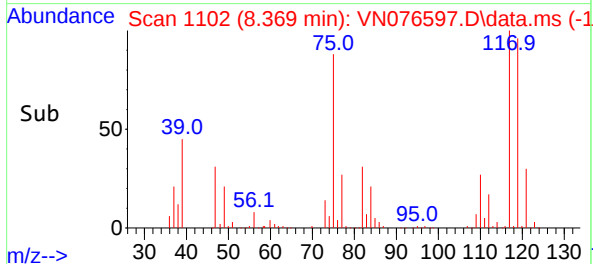
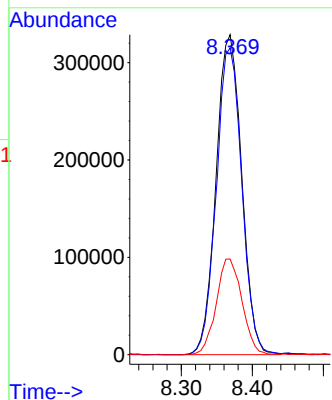
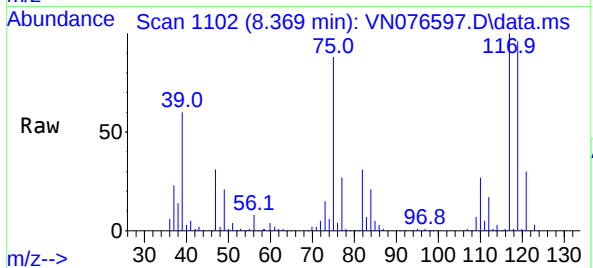




#33
Carbon Tetrachloride
Concen: 143.487 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

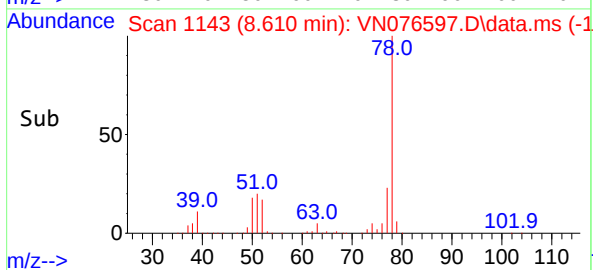
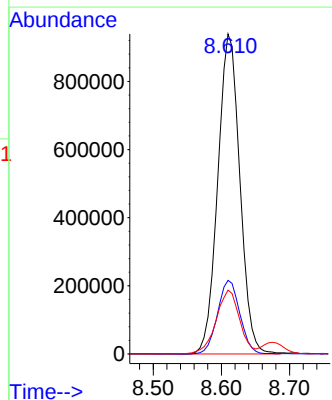
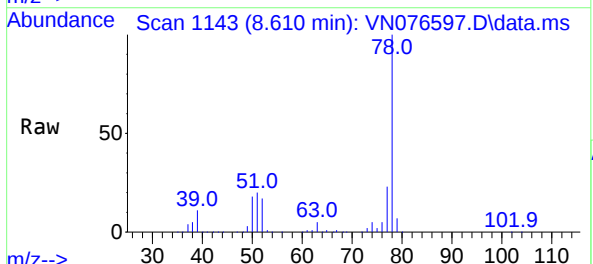
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

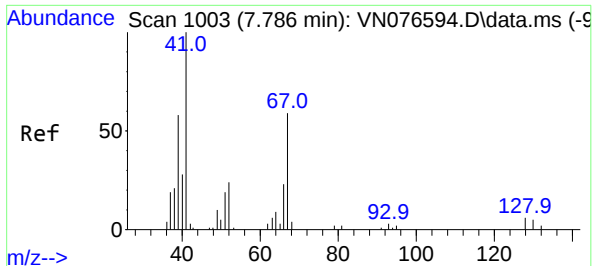
Tgt Ion:117 Resp: 822268
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.6
121 29.9 27.6 41.4



#34
Benzene
Concen: 128.779 ug/l
RT: 8.610 min Scan# 1143
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 78 Resp: 2118315
Ion Ratio Lower Upper
78 100
77 23.0 19.9 29.9
51 19.9 21.1 31.7#



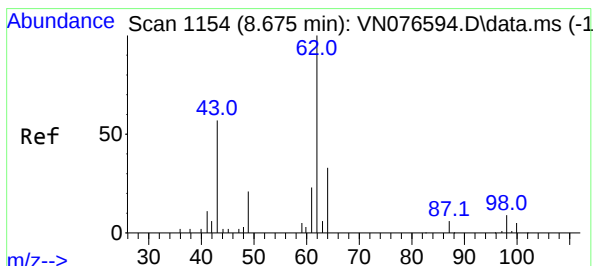
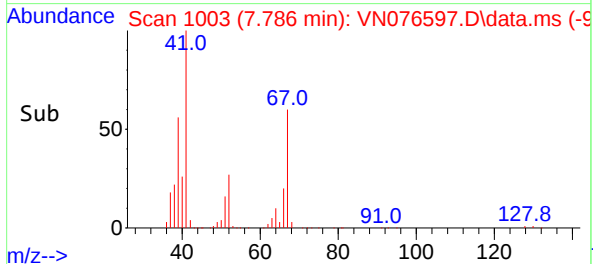
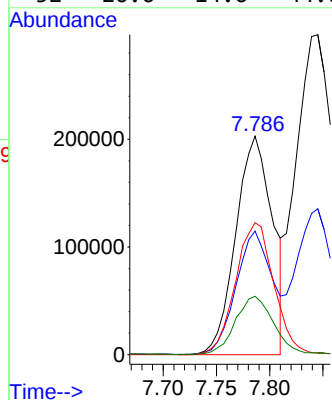
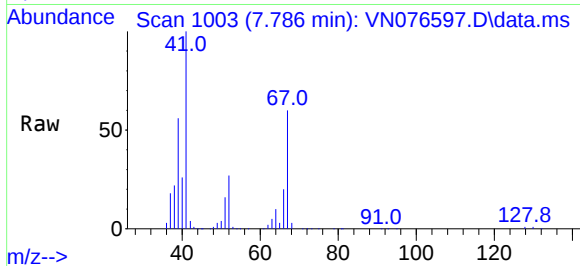


#35
Methacrylonitrile
Concen: 146.321 ug/l
RT: 7.786 min Scan# 1003
Delta R.T. -0.008 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 486169

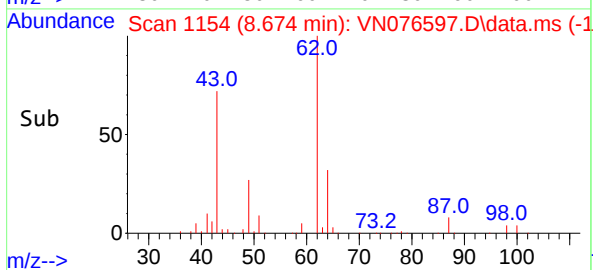
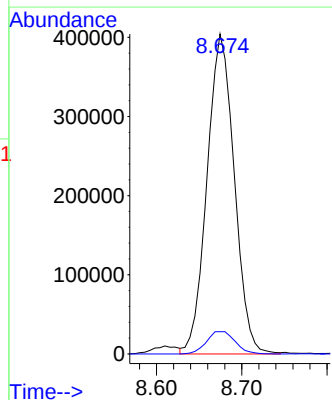
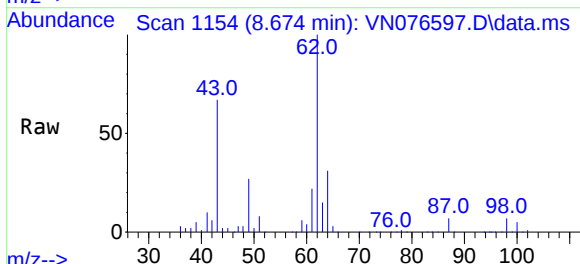
Ion	Ratio	Lower	Upper
41	100		
39	56.3	27.7	83.1
67	60.4	38.0	113.9
52	26.6	14.6	44.0

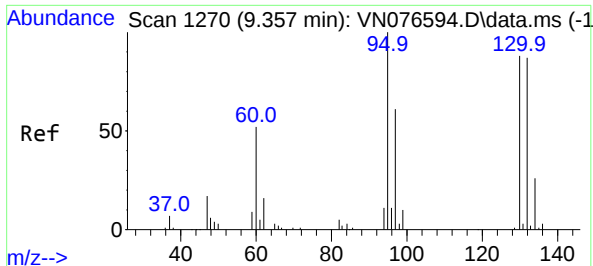


#36
1,2-Dichloroethane
Concen: 142.647 ug/l
RT: 8.674 min Scan# 1154
Delta R.T. -0.009 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 62 Resp: 899797

Ion	Ratio	Lower	Upper
62	100		
98	7.4	7.4	11.2

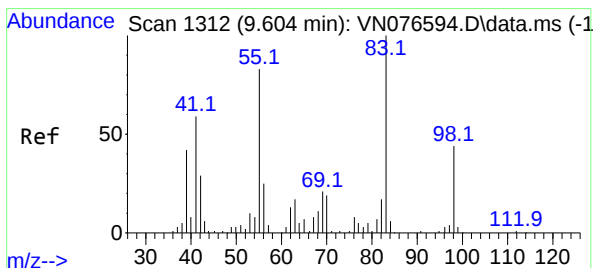
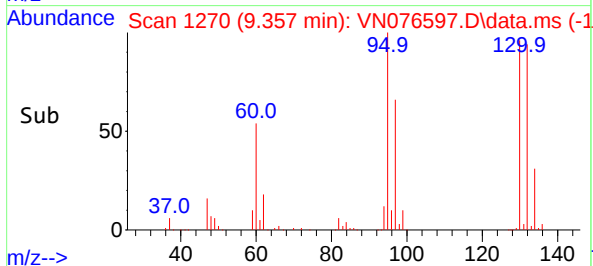
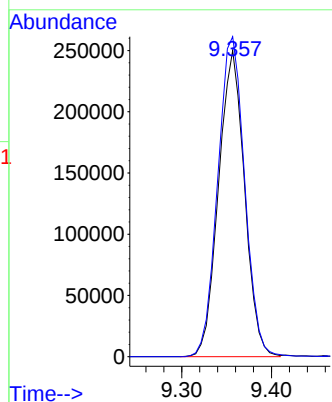
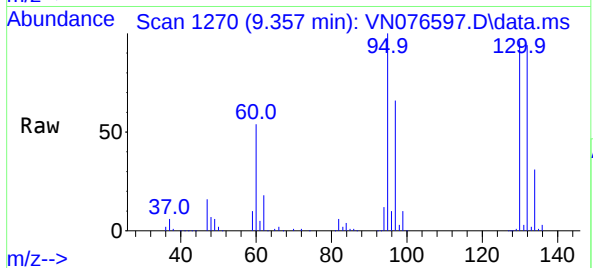




#37
Trichloroethene
Concen: 149.070 ug/l
RT: 9.357 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

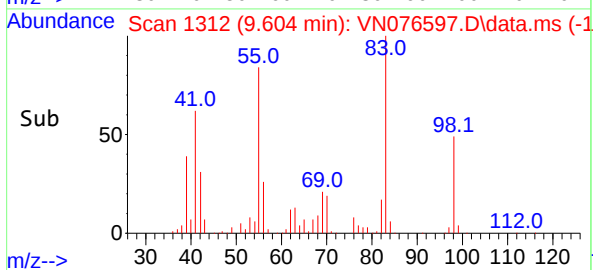
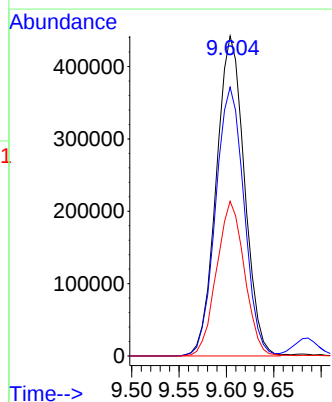
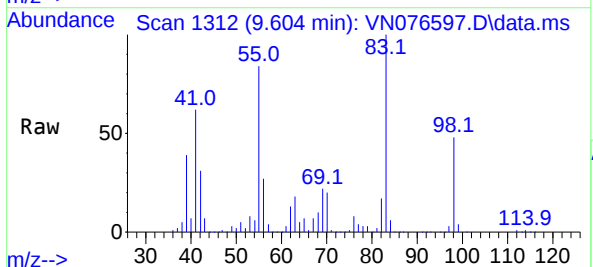
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

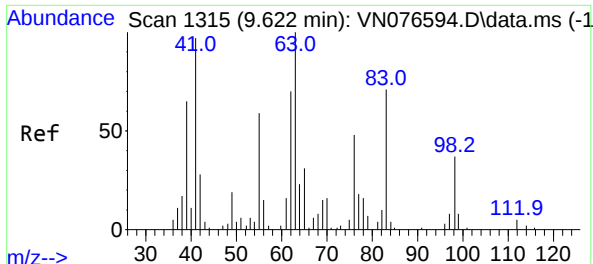
Tgt Ion:130 Resp: 502052
Ion Ratio Lower Upper
130 100
95 104.5 75.9 113.9



#38
Methylcyclohexane
Concen: 154.376 ug/l
RT: 9.604 min Scan# 1312
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 83 Resp: 914756
Ion Ratio Lower Upper
83 100
55 84.9 37.4 112.2
98 47.8 24.5 73.5

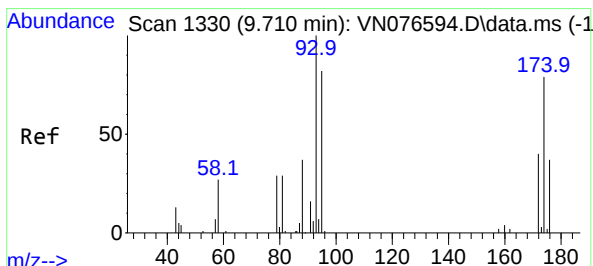
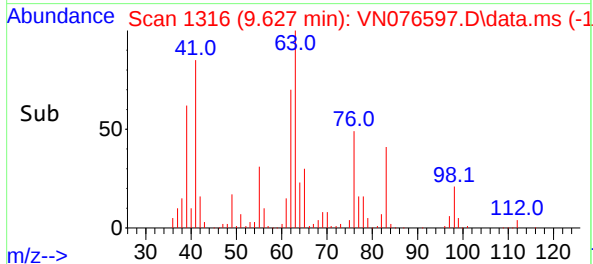
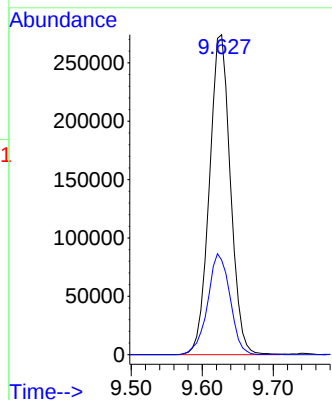
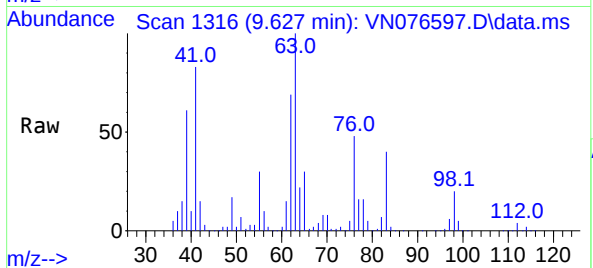




#39
1,2-Dichloropropane
Concen: 143.993 ug/l
RT: 9.627 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

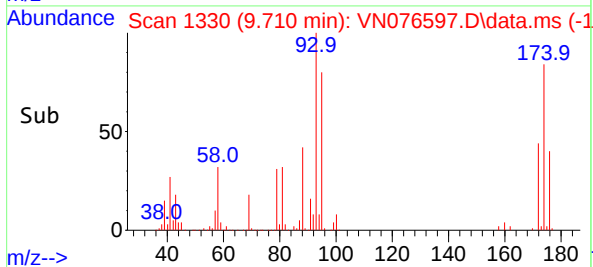
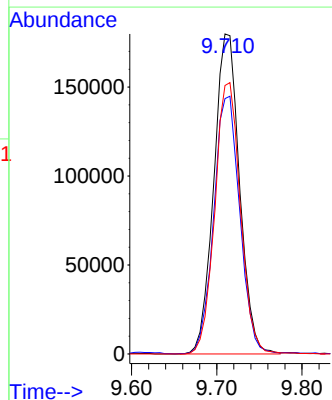
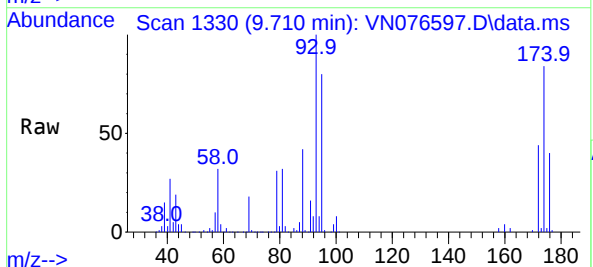
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

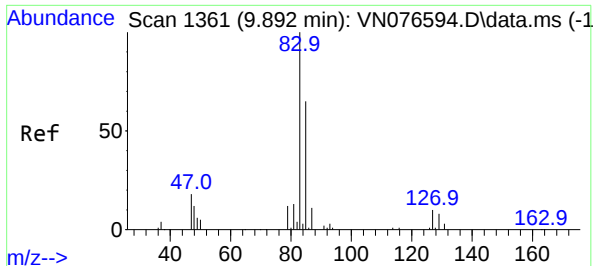
Tgt Ion: 63 Resp: 565242
Ion Ratio Lower Upper
63 100
65 29.5 25.0 37.6



#40
Dibromomethane
Concen: 146.274 ug/l
RT: 9.710 min Scan# 1330
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 93 Resp: 377749
Ion Ratio Lower Upper
93 100
95 81.6 0.0 168.0
174 84.3 0.0 158.4

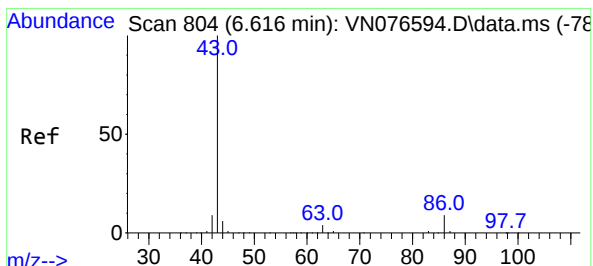
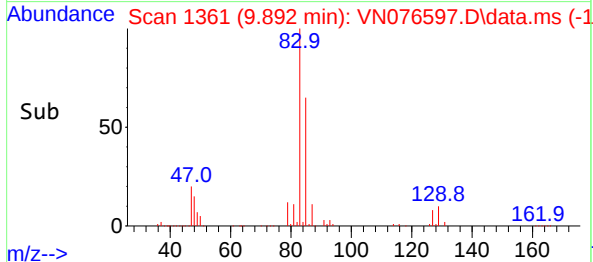
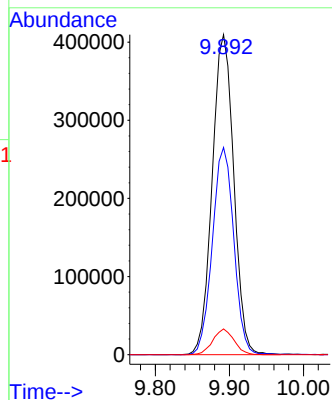
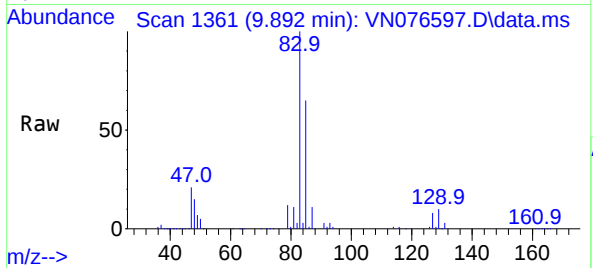




#41
Bromodichloromethane
Concen: 152.391 ug/l
RT: 9.892 min Scan# 11
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

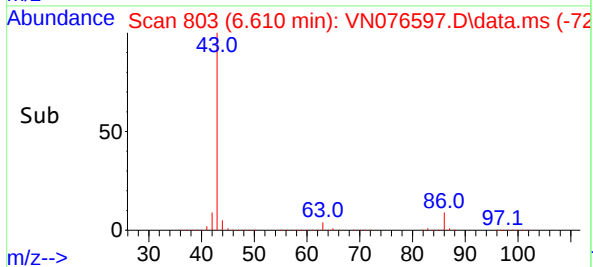
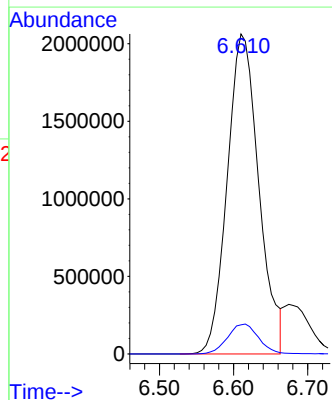
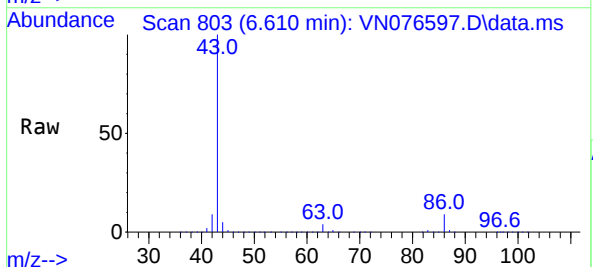
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

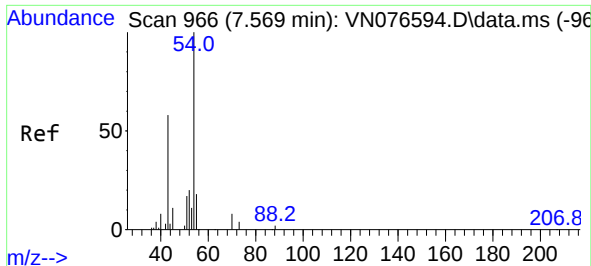
Tgt Ion: 83 Resp: 827469
Ion Ratio Lower Upper
83 100
85 64.7 50.2 75.4
127 8.1 5.1 7.7#



#42
Vinyl Acetate
Concen: 650.215 ug/l
RT: 6.610 min Scan# 803
Delta R.T. -0.014 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 43 Resp: 6108060
Ion Ratio Lower Upper
43 100
86 9.3 7.5 11.3

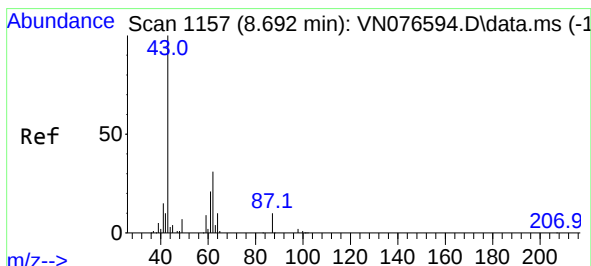
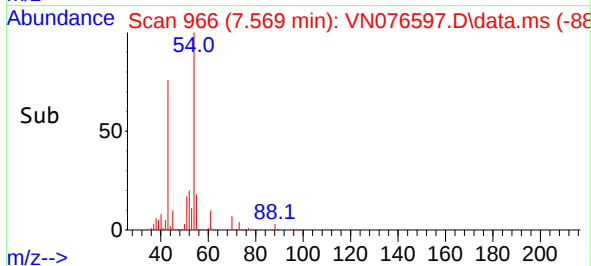
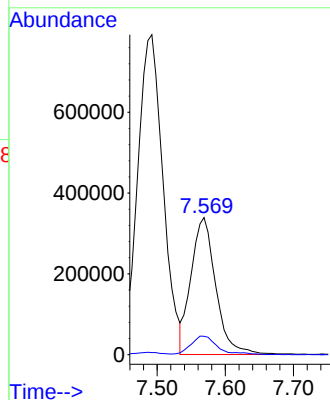
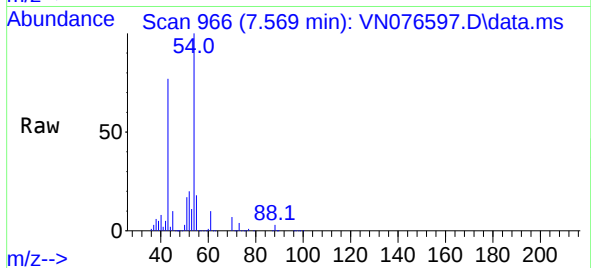




#43
Ethyl Acetate
Concen: 144.726 ug/l
RT: 7.569 min Scan# 966
Delta R.T. -0.014 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

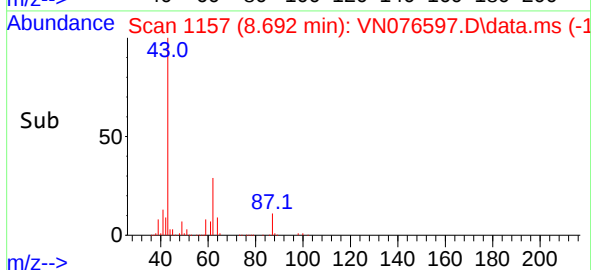
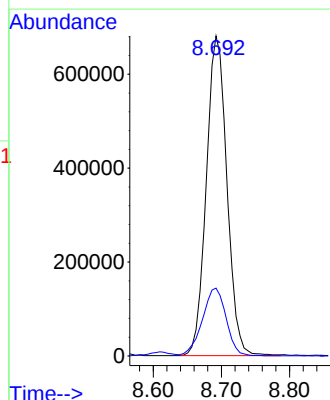
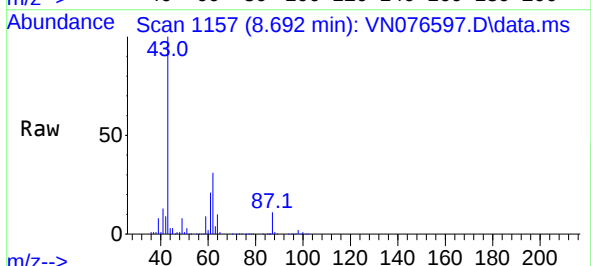
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

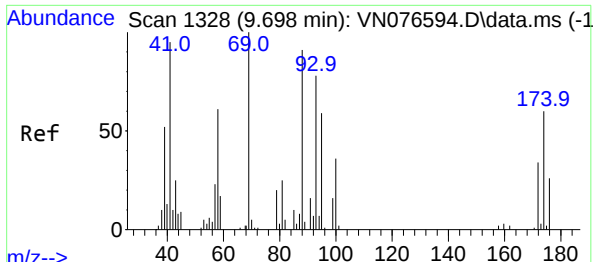
Tgt Ion: 43 Resp: 852685
Ion Ratio Lower Upper
43 100
45 12.6 11.5 17.3



#44
Isopropyl Acetate
Concen: 148.002 ug/l
RT: 8.692 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 43 Resp: 1434516
Ion Ratio Lower Upper
43 100
61 24.0 19.5 29.3

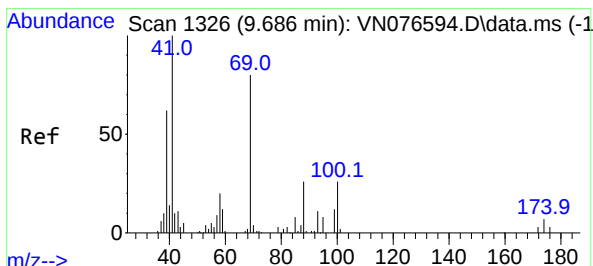
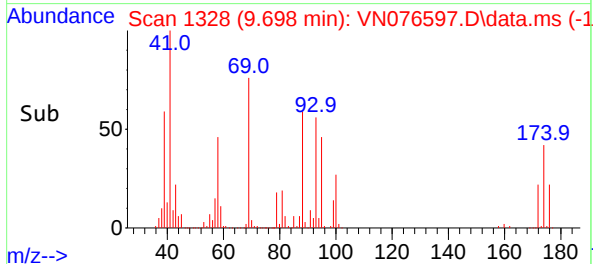
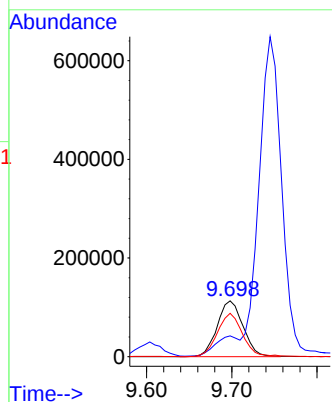
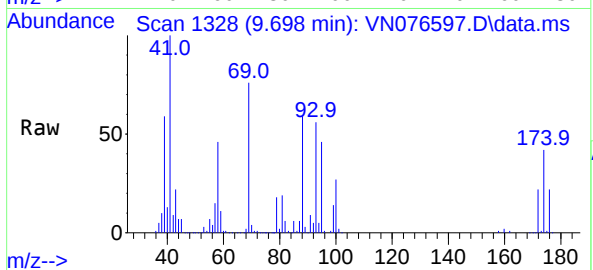




#45
1,4-Dioxane
Concen: 3009.245 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

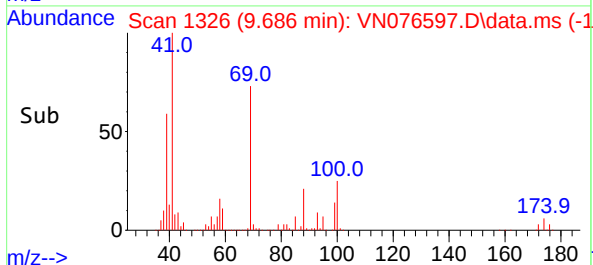
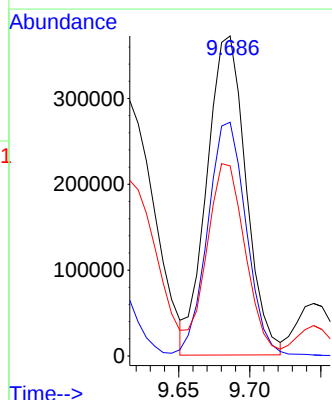
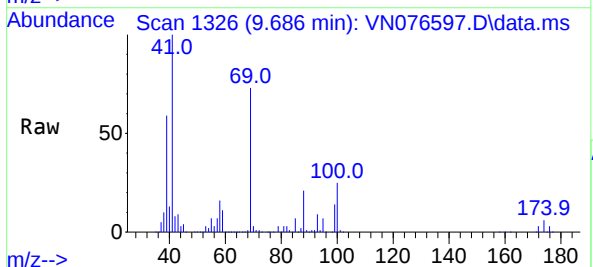
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

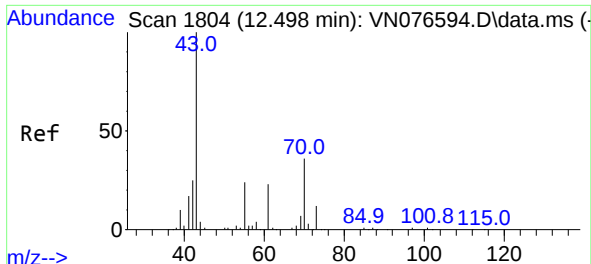
Tgt Ion: 88 Resp: 237766
Ion Ratio Lower Upper
88 100
43 34.1 25.7 38.5
58 76.6 53.4 80.2



#46
Methyl methacrylate
Concen: 152.806 ug/l
RT: 9.686 min Scan# 1326
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 41 Resp: 714104
Ion Ratio Lower Upper
41 100
69 74.8 45.6 136.7
39 59.8 32.3 96.9

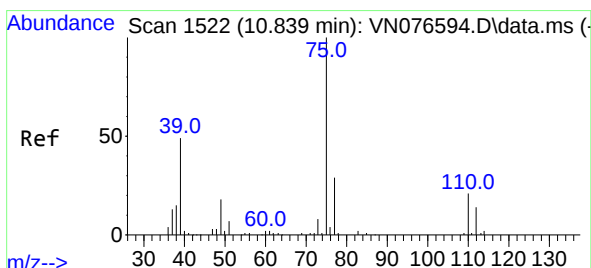
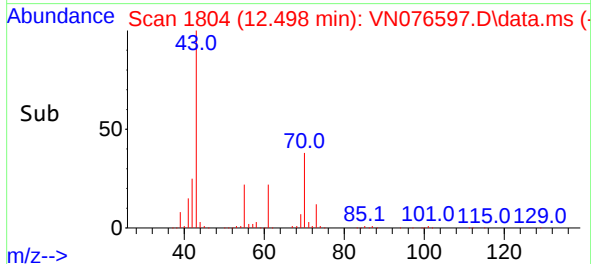
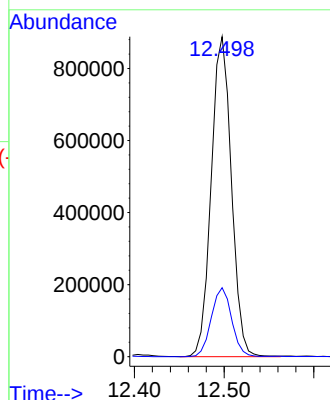
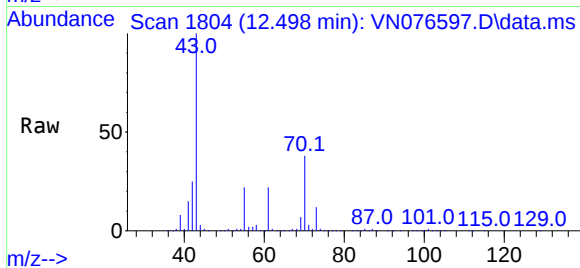




#47
n-amy1 Acetate
Concen: 168.137 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

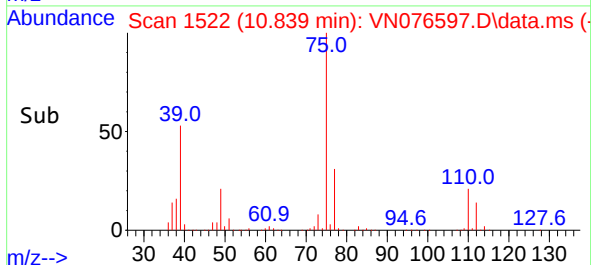
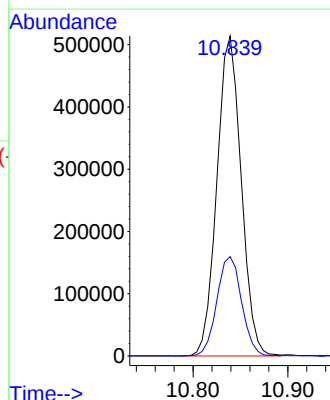
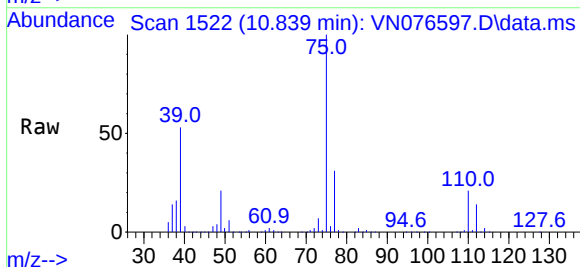
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

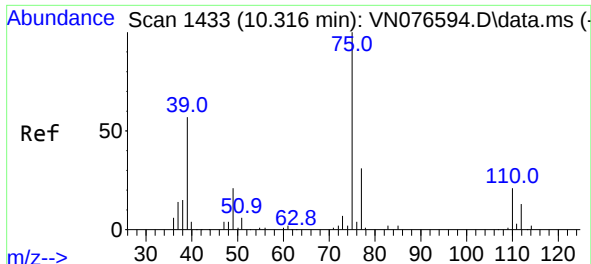
Tgt Ion: 43 Resp: 1385209
Ion Ratio Lower Upper
43 100
55 21.8 16.8 25.2



#48
t-1,3-Dichloropropene
Concen: 167.637 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 75 Resp: 916288
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8

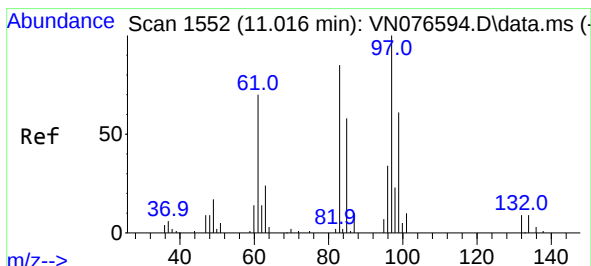
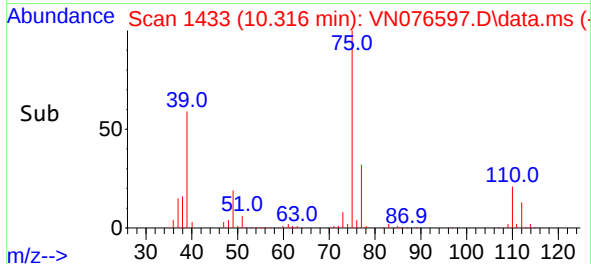
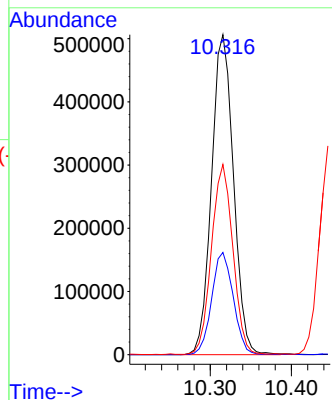
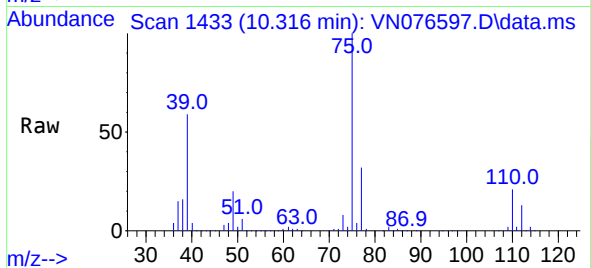




#49
cis-1,3-Dichloropropene
Concen: 157.484 ug/l
RT: 10.316 min Scan# 1433
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

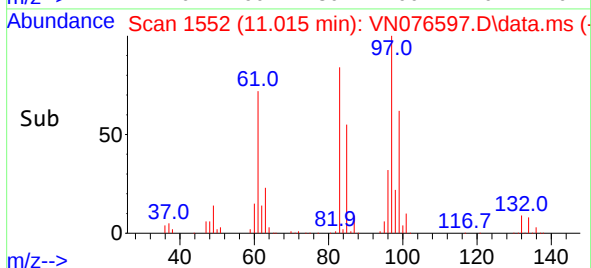
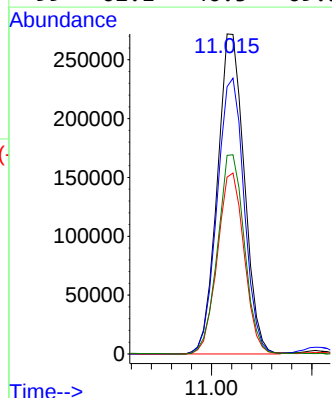
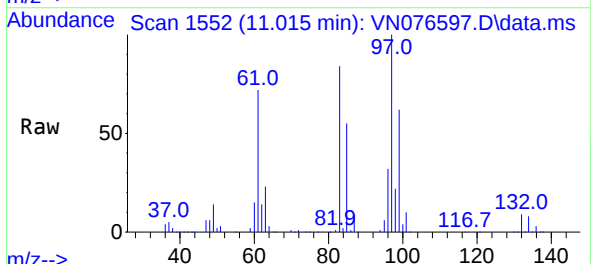
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

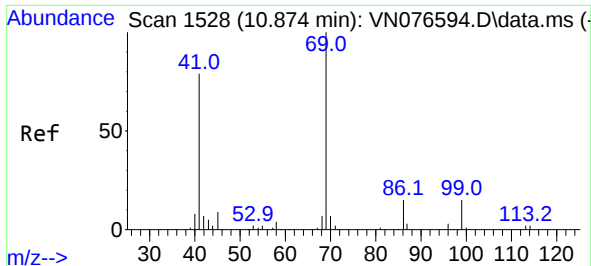
Tgt Ion: 75 Resp: 951556
Ion Ratio Lower Upper
75 100
77 32.0 22.5 33.7
39 59.4 37.6 56.4#



#50
1,1,2-Trichloroethane
Concen: 144.576 ug/l
RT: 11.015 min Scan# 1552
Delta R.T. -0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 97 Resp: 507058
Ion Ratio Lower Upper
97 100
83 83.4 69.2 103.8
85 55.2 41.4 62.2
99 62.1 46.3 69.5

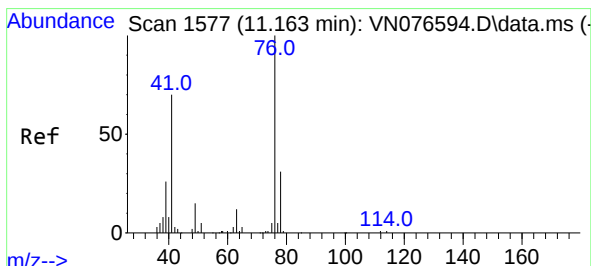
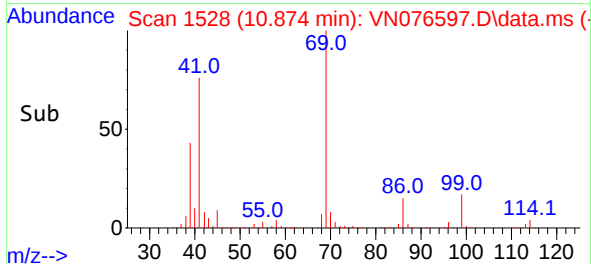
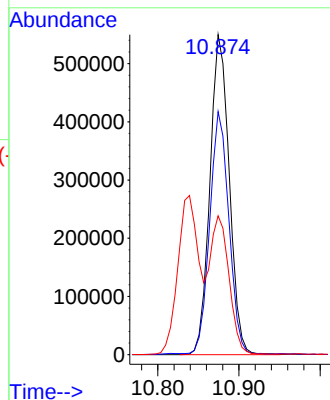
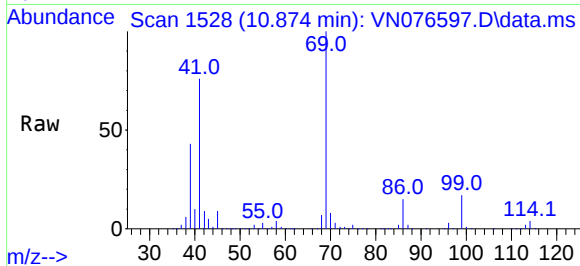




#51
Ethyl methacrylate
Concen: 162.961 ug/l
RT: 10.874 min Scan# 1528
Delta R.T. -0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

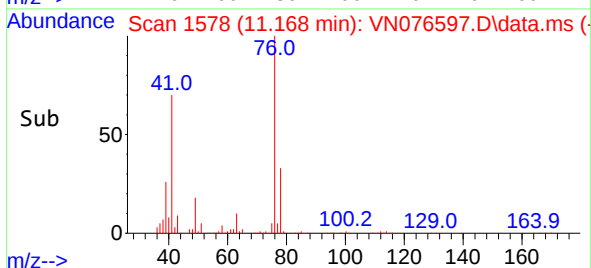
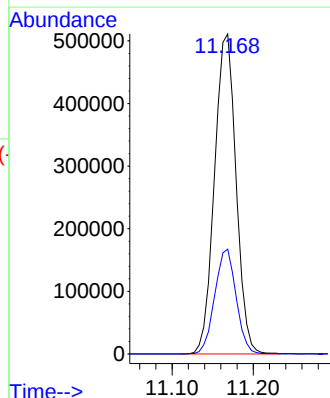
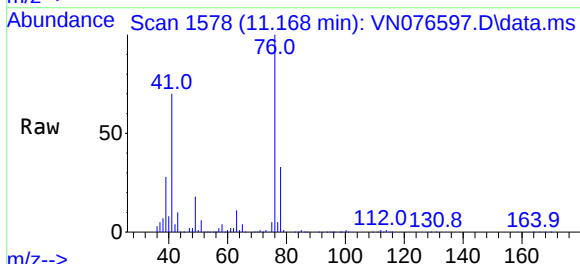
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

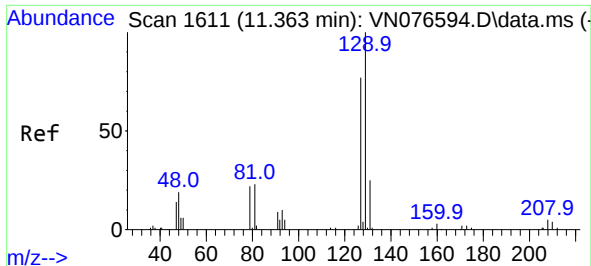
Tgt Ion: 69 Resp: 907521
Ion Ratio Lower Upper
69 100
41 75.6 32.5 97.5
39 43.2 21.5 64.5



#52
1,3-Dichloropropane
Concen: 144.374 ug/l
RT: 11.168 min Scan# 1578
Delta R.T. 0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 76 Resp: 943870
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.8

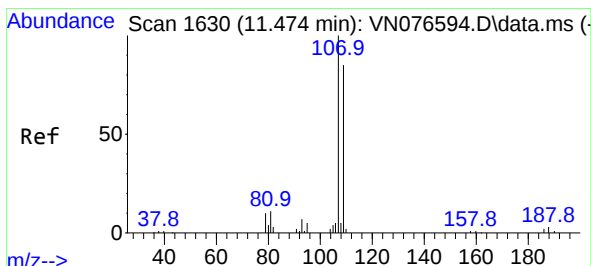
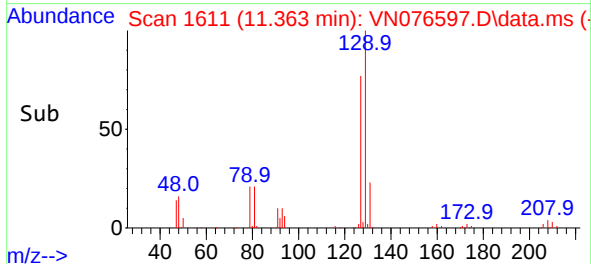
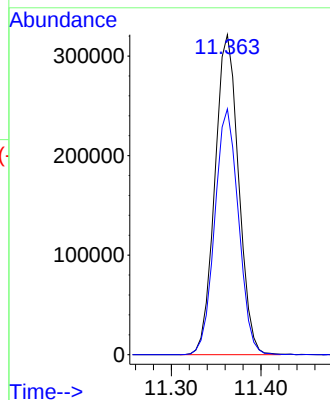
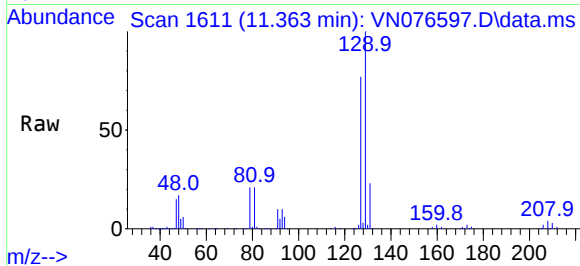




#53
Dibromochloromethane
Concen: 161.831 ug/l
RT: 11.363 min Scan# 1611
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

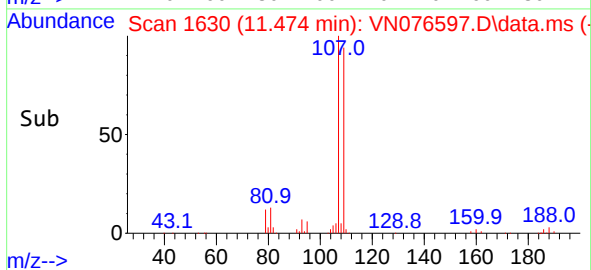
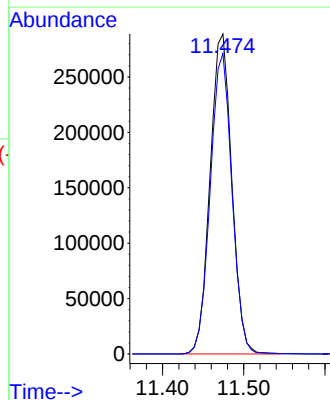
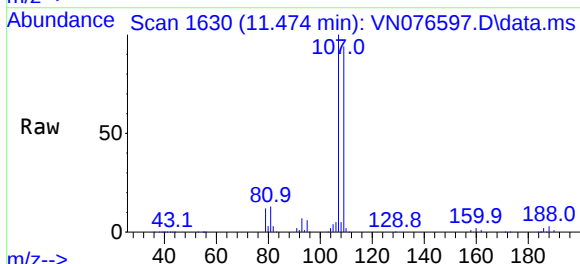
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

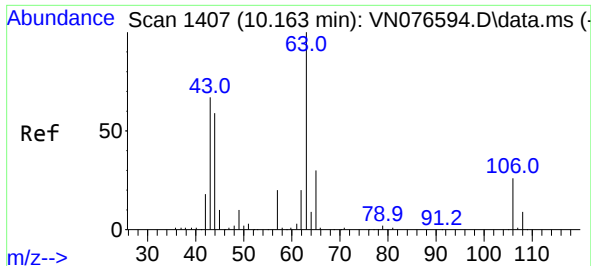
Tgt Ion:129 Resp: 589768
Ion Ratio Lower Upper
129 100
127 76.9 40.6 121.7



#54
1,2-Dibromoethane
Concen: 150.898 ug/l
RT: 11.474 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion:107 Resp: 535530
Ion Ratio Lower Upper
107 100
109 93.7 76.2 114.2

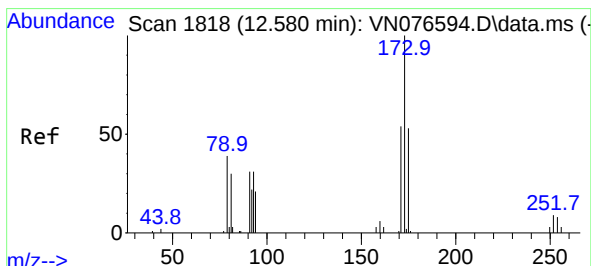
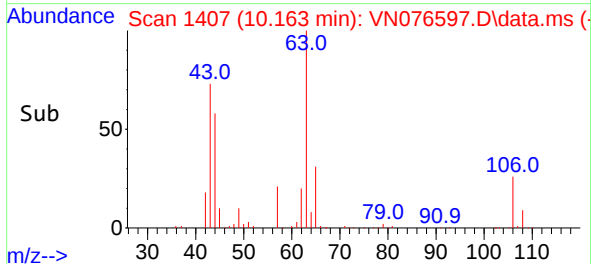
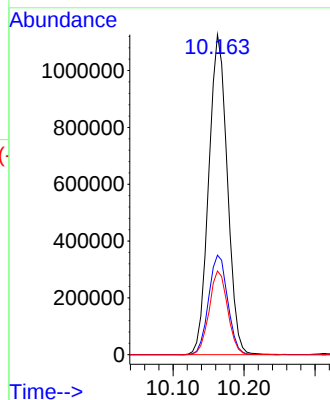
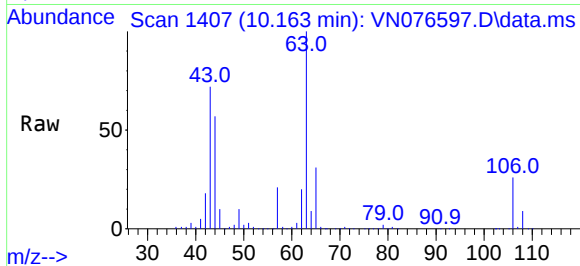




#55
2-Chloroethyl vinyl ether
Concen: 804.819 ug/l
RT: 10.163 min Scan# 1407
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

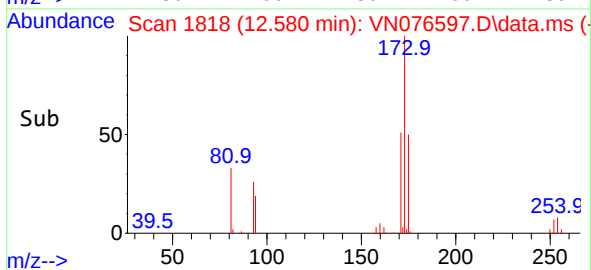
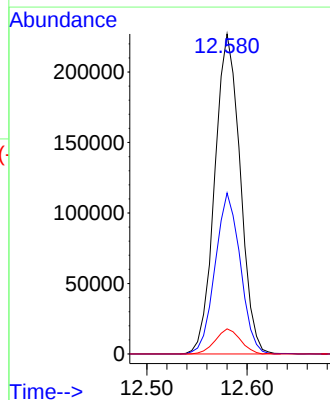
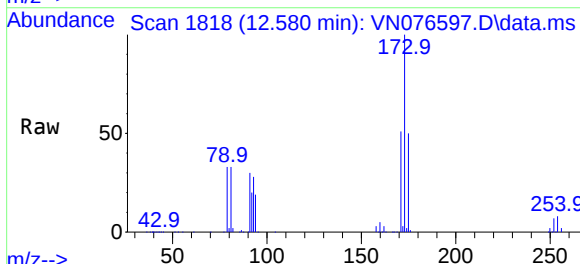
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

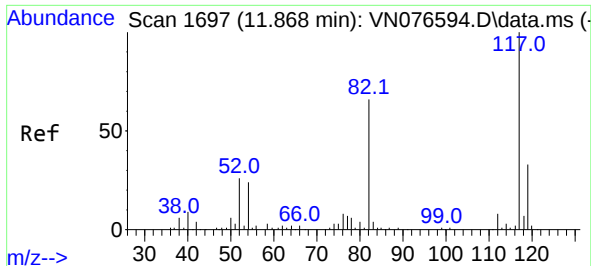
Tgt Ion: 63 Resp: 2047243
Ion Ratio Lower Upper
63 100
65 31.9 24.6 36.8
106 26.0 21.3 31.9



#56
Bromoform
Concen: 170.570 ug/l
RT: 12.580 min Scan# 1818
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 173 Resp: 400350
Ion Ratio Lower Upper
173 100
175 49.7 39.1 58.7
254 7.7 7.0 10.6

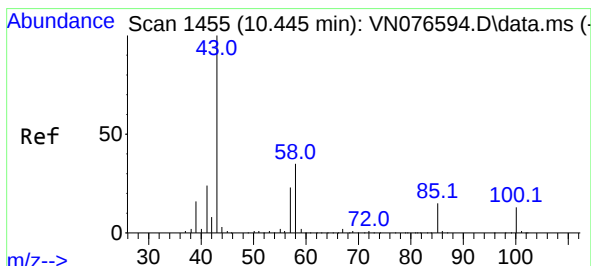
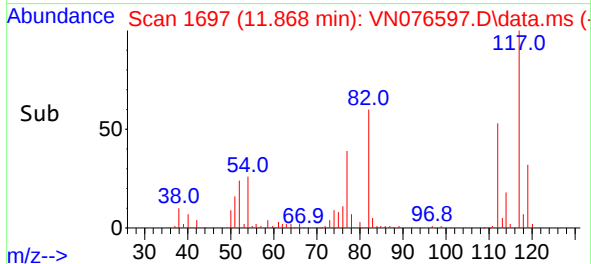
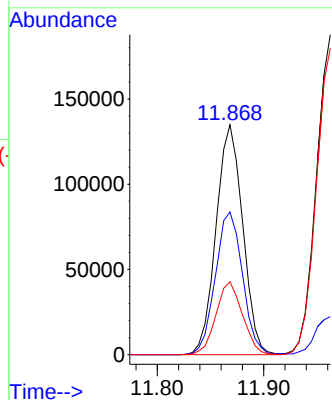
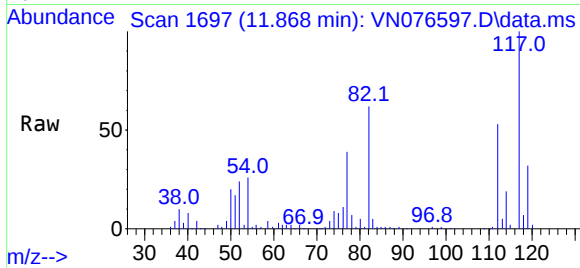




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.868 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

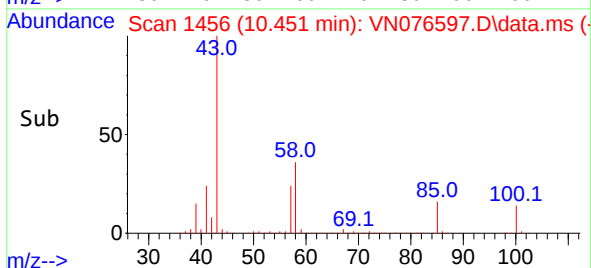
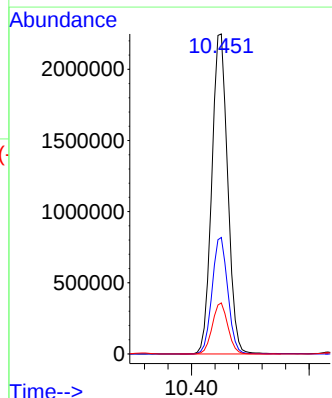
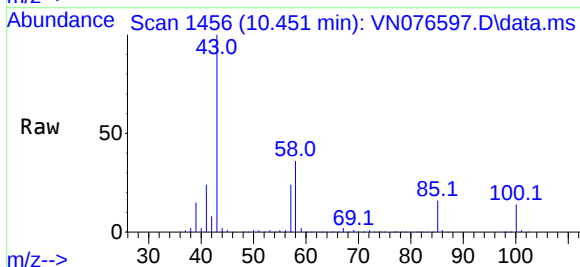
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

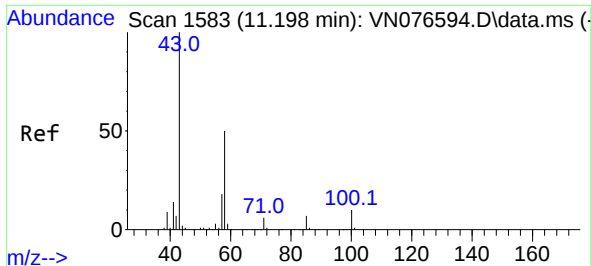
Tgt Ion:117 Resp: 234624
Ion Ratio Lower Upper
117 100
82 63.1 44.6 67.0
119 31.5 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 643.578 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 43 Resp: 4221139
Ion Ratio Lower Upper
43 100
58 35.9 30.8 46.2
85 15.7 13.3 19.9

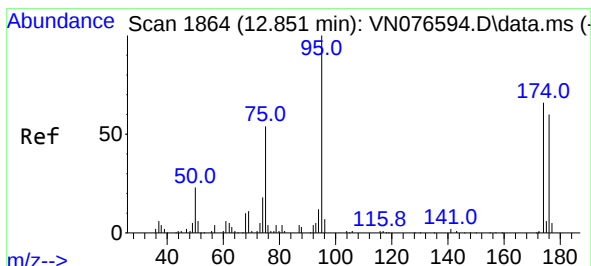
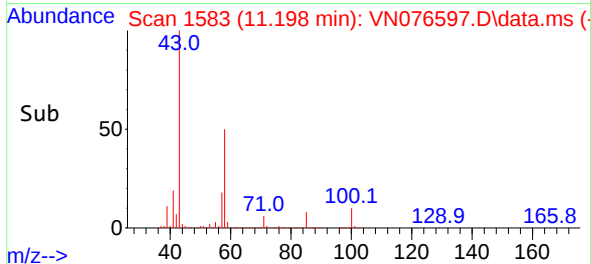
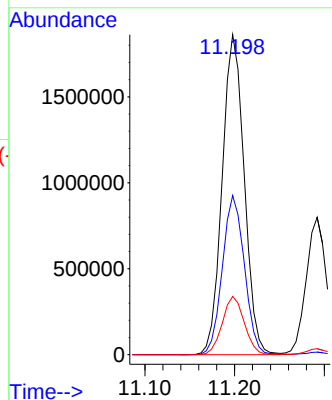
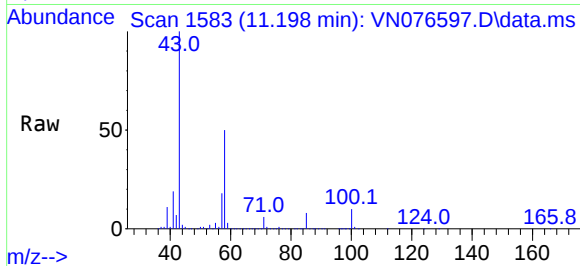




#59
2-Hexanone
Concen: 666.436 ug/l
RT: 11.198 min Scan# 1583
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

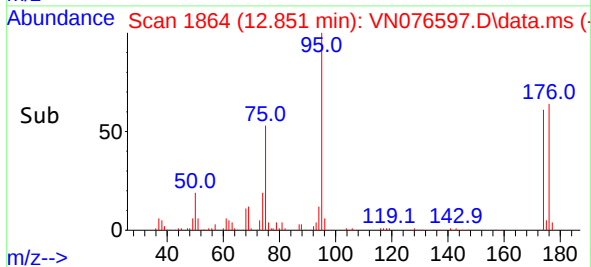
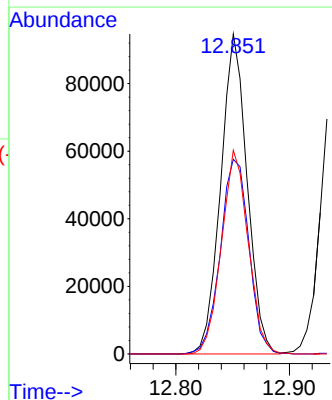
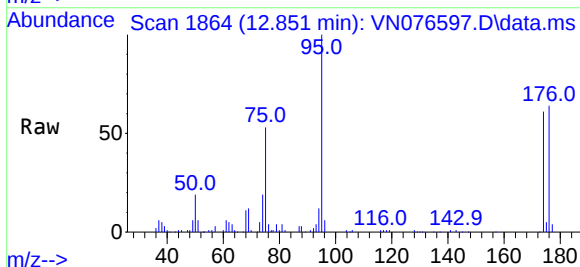
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

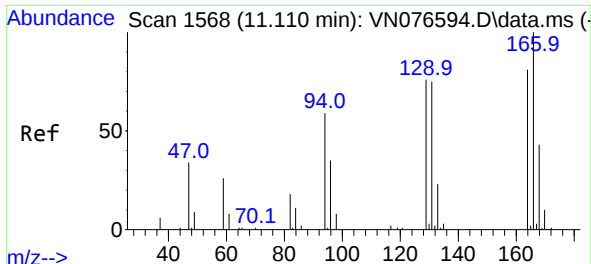
Tgt Ion: 43 Resp: 3178115
Ion Ratio Lower Upper
43 100
58 49.6 43.6 65.4
57 18.2 14.3 21.5



#60
4-Bromofluorobenzene
Concen: 28.887 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 95 Resp: 153011
Ion Ratio Lower Upper
95 100
174 65.7 57.8 86.8
176 64.3 57.0 85.4

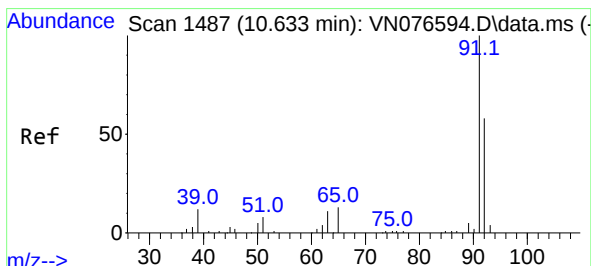
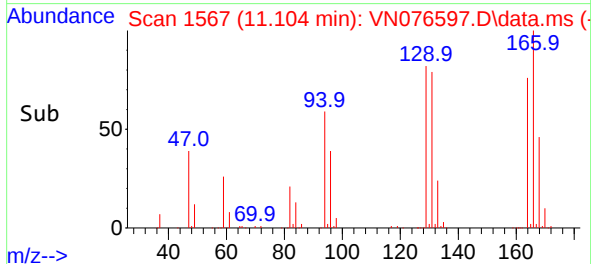
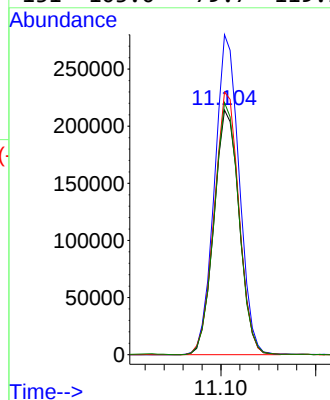
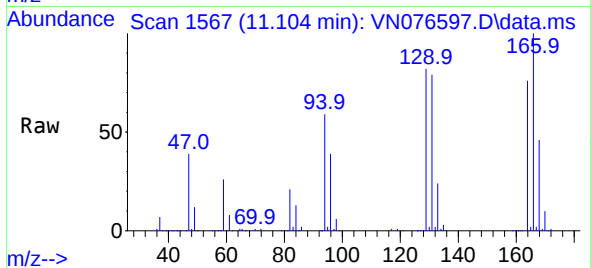




#61
Tetrachloroethene
Concen: 132.772 ug/l
RT: 11.104 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

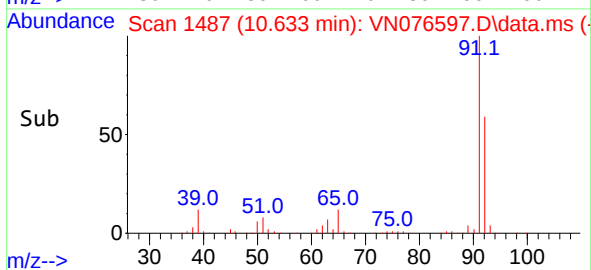
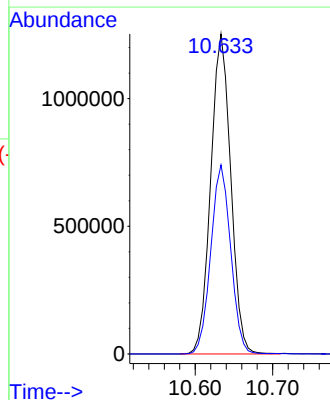
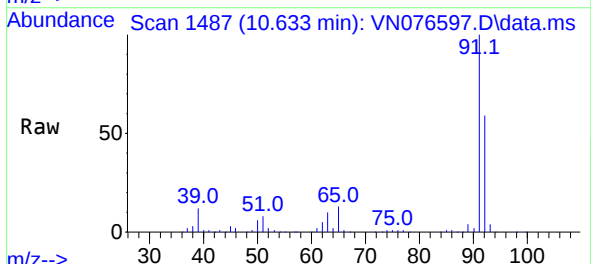
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

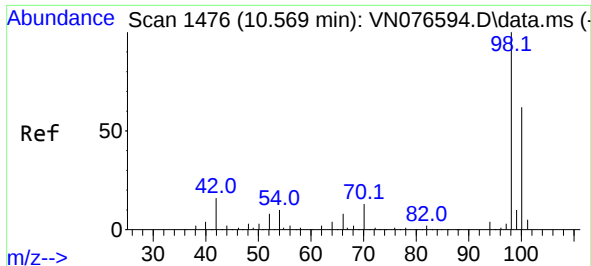
Tgt Ion:164 Resp: 398204
Ion Ratio Lower Upper
164 100
166 130.8 99.6 149.4
129 107.3 84.0 126.0
131 103.0 79.7 119.5



#62
Toluene
Concen: 129.466 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 91 Resp: 2252094
Ion Ratio Lower Upper
91 100
92 58.7 46.0 69.0

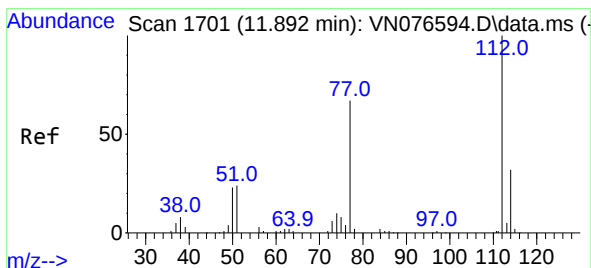
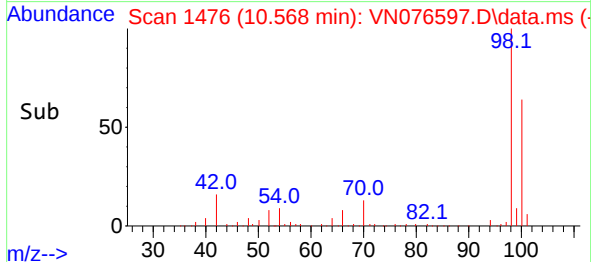
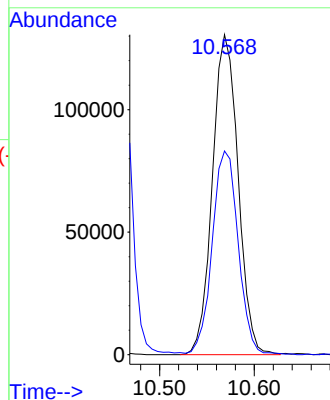
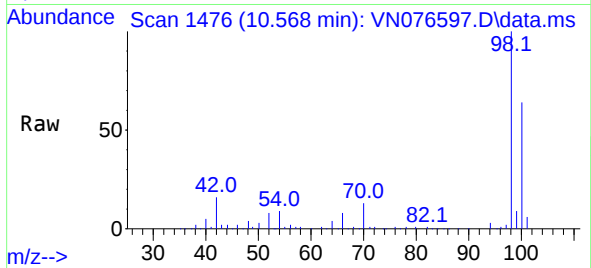




#63
Toluene-d8
Concen: 28.575 ug/l
RT: 10.568 min Scan# 1476
Delta R.T. -0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

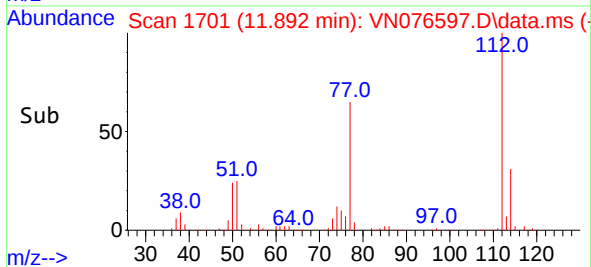
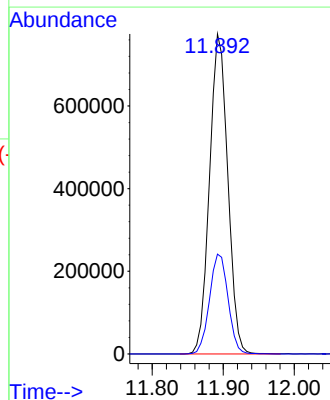
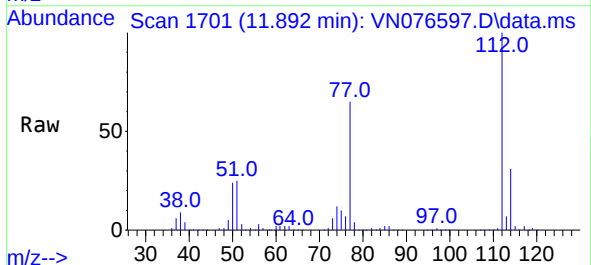
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

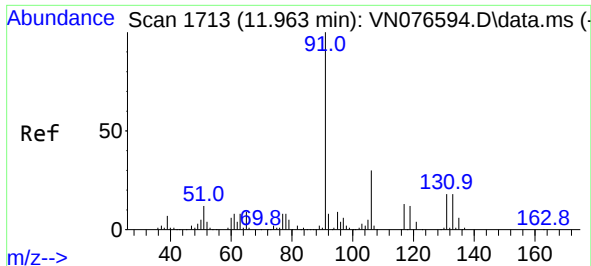
Tgt Ion: 98 Resp: 246171
Ion Ratio Lower Upper
98 100
100 63.1 52.7 79.1



#64
Chlorobenzene
Concen: 137.067 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 112 Resp: 1381220
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1

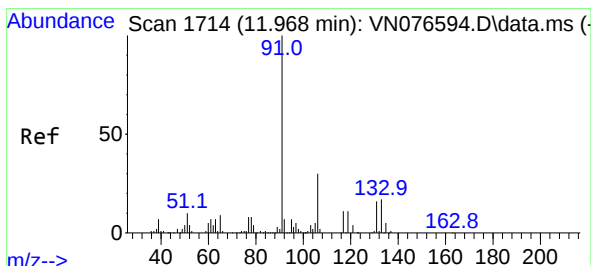
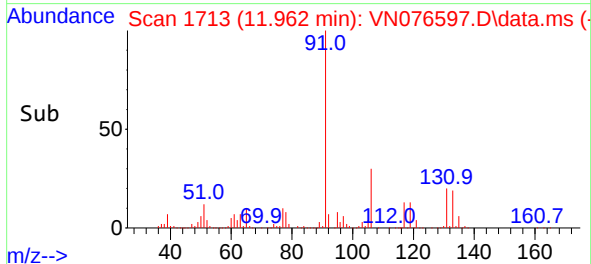
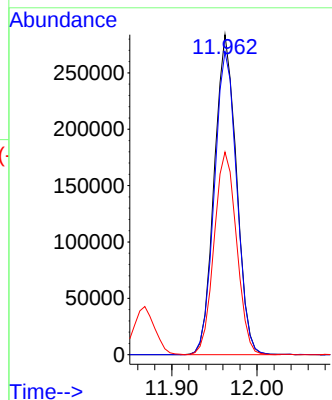
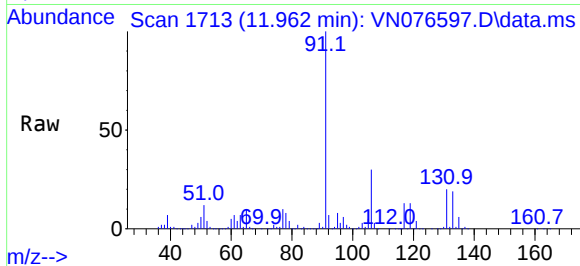




#65
1,1,1,2-Tetrachloroethane
Concen: 133.879 ug/l
RT: 11.962 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

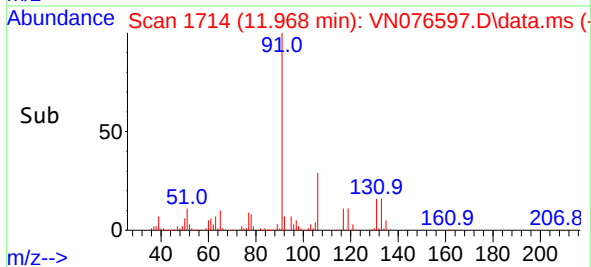
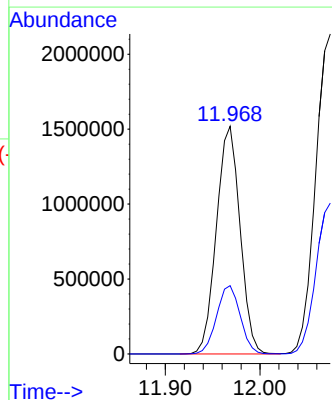
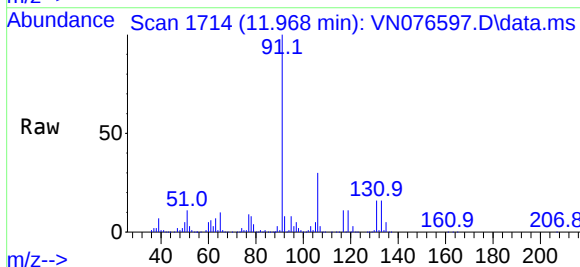
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

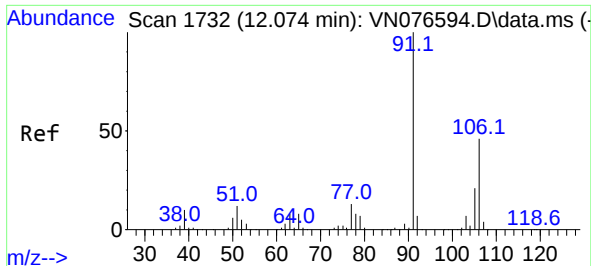
Tgt Ion:131 Resp: 511458
Ion Ratio Lower Upper
131 100
133 95.8 0.0 191.8
119 64.4 0.0 135.8



#66
Ethyl Benzene
Concen: 138.199 ug/l
RT: 11.968 min Scan# 1714
Delta R.T. 0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 91 Resp: 2635467
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1

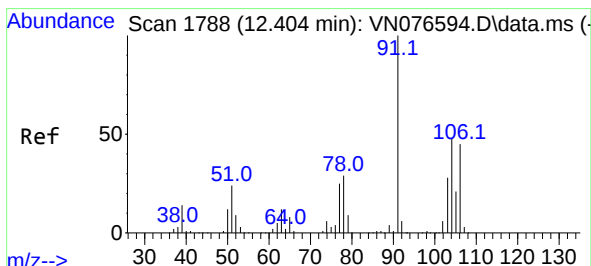
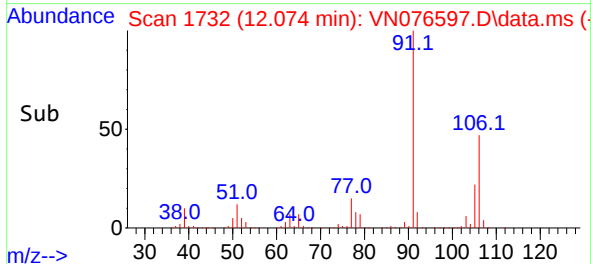
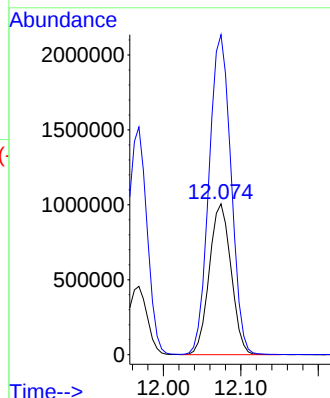
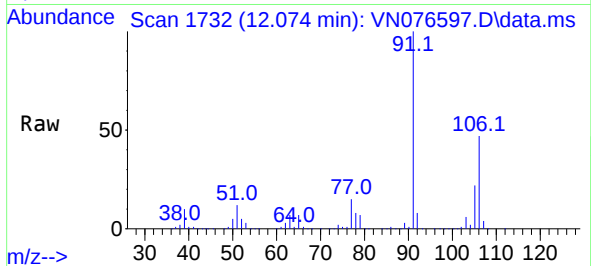




#67
m/p-Xylenes
Concen: 275.454 ug/l
RT: 12.074 min Scan# 1732
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

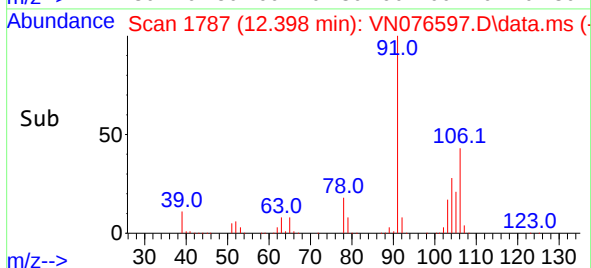
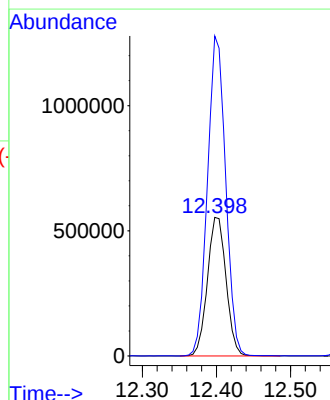
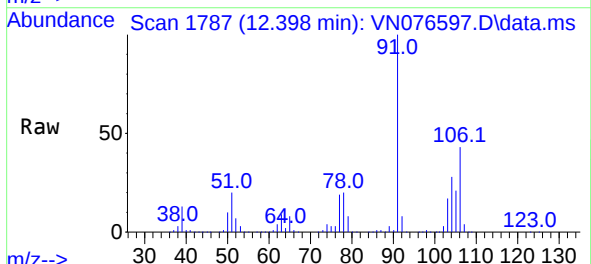
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

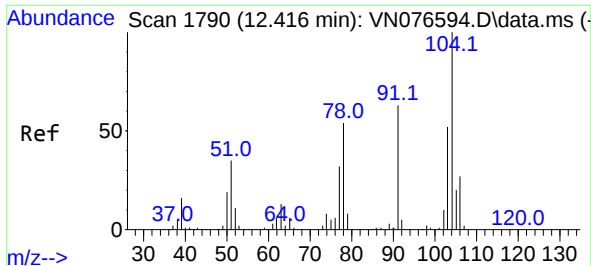
Tgt Ion:106 Resp: 1970896
Ion Ratio Lower Upper
106 100
91 214.6 164.2 246.4



#68
o-Xylene
Concen: 137.306 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion:106 Resp: 967883
Ion Ratio Lower Upper
106 100
91 224.7 108.5 325.5

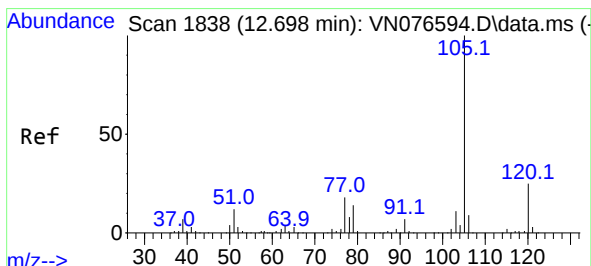
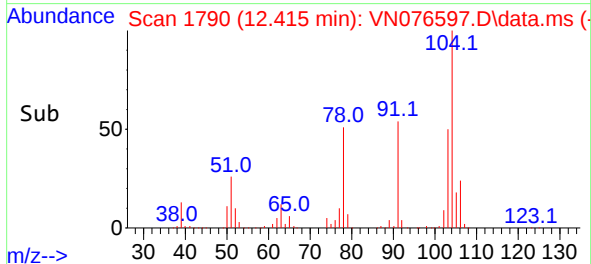
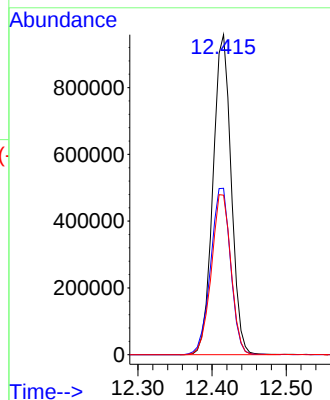
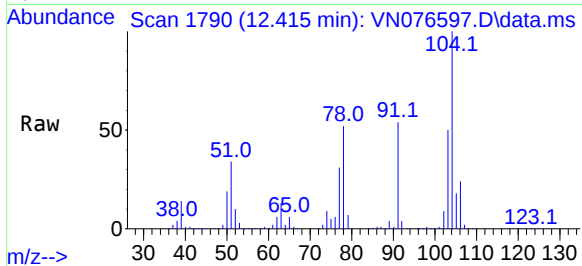




#69
Styrene
Concen: 145.990 ug/l
RT: 12.415 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

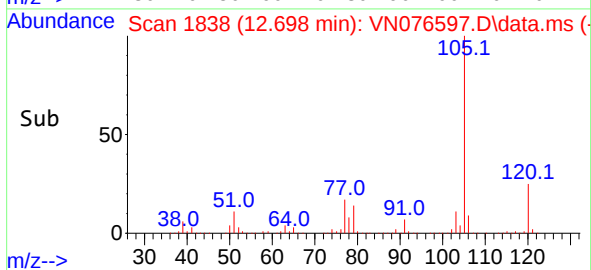
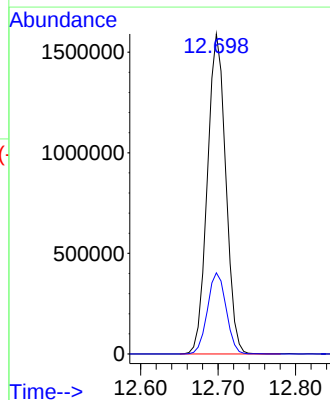
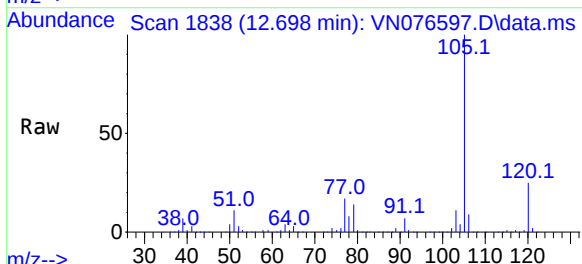
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

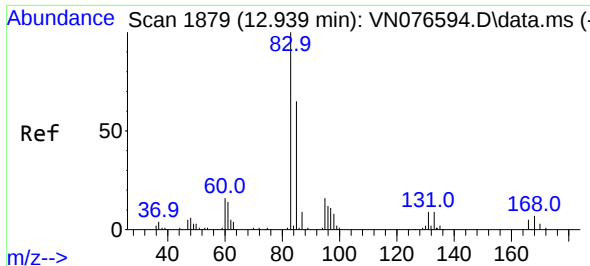
Tgt Ion:104 Resp: 1633463
Ion Ratio Lower Upper
104 100
78 56.9 39.9 59.9
103 53.9 43.8 65.8



#70
Isopropylbenzene
Concen: 138.691 ug/l
RT: 12.698 min Scan# 1838
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion:105 Resp: 2619916
Ion Ratio Lower Upper
105 100
120 25.7 18.5 34.3

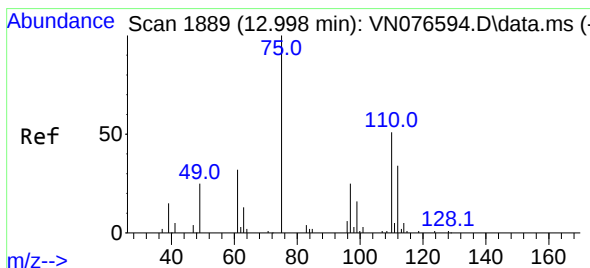
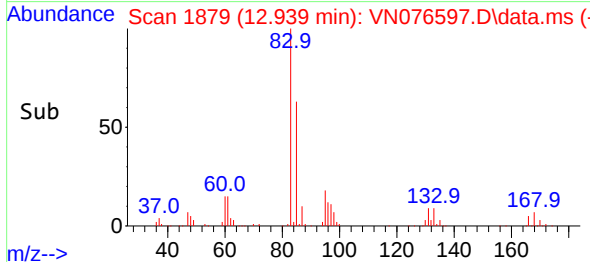
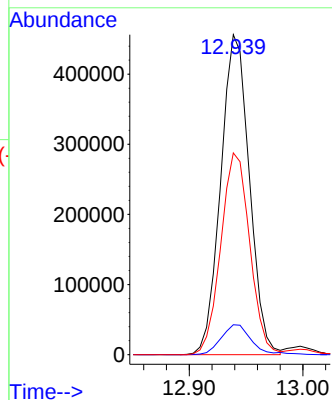
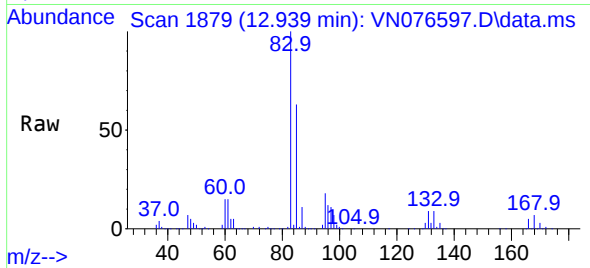




#71
1,1,2,2-Tetrachloroethane
Concen: 121.423 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

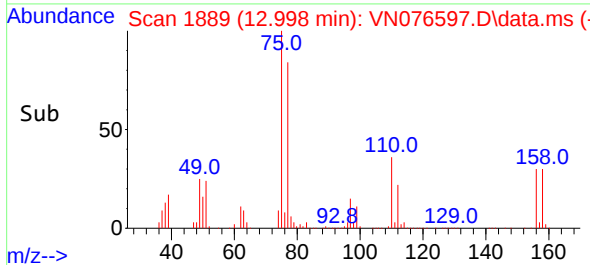
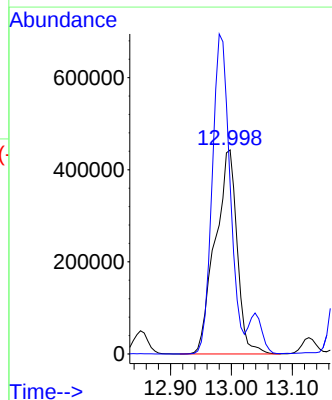
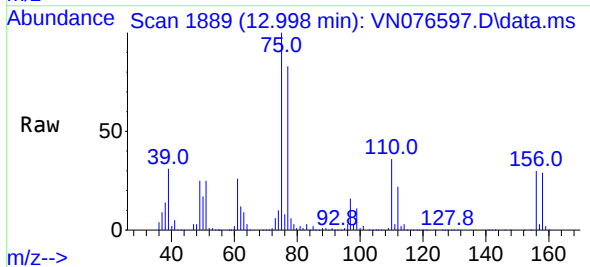
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

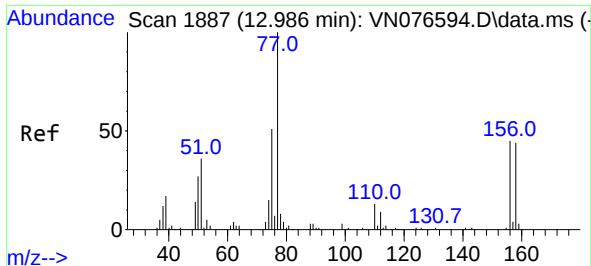
Tgt Ion: 83 Resp: 799687
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.5
85 63.6 30.9 92.7



#72
1,2,3-Trichloropropane
Concen: 185.015 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 75 Resp: 1109660
Ion Ratio Lower Upper
75 100
77 126.9 0.0 372.4

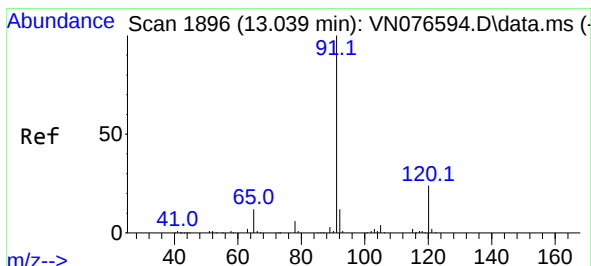
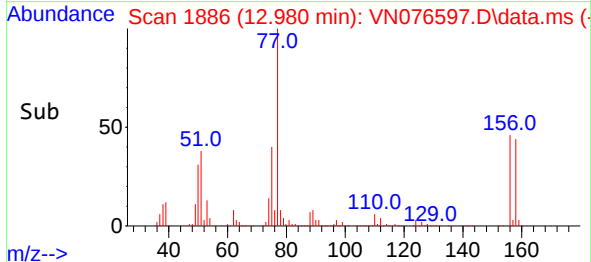
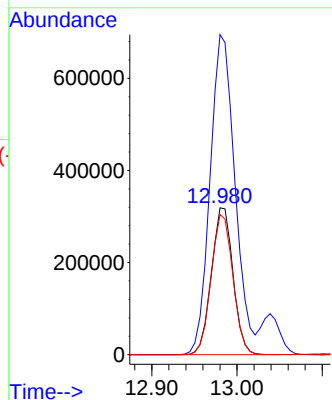
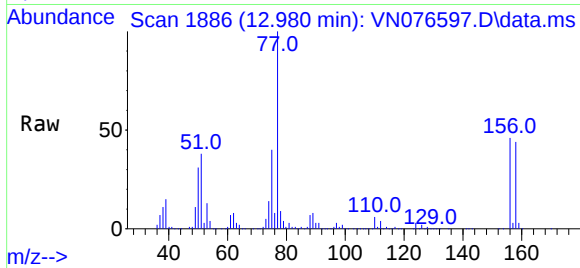




#73
Bromobenzene
Concen: 125.420 ug/l
RT: 12.980 min Scan# 1887
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

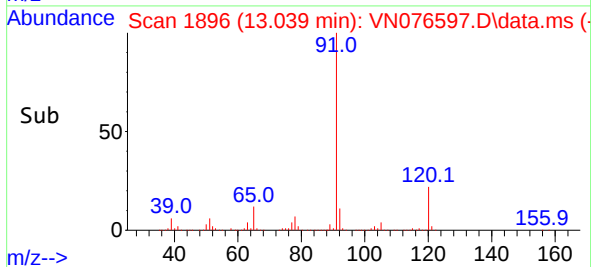
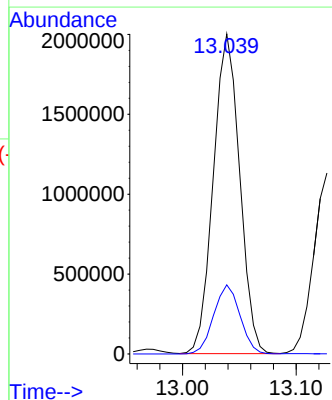
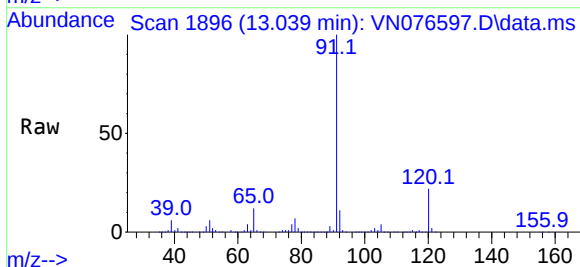
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

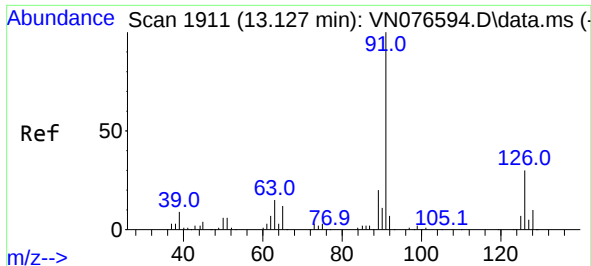
Tgt Ion:156 Resp: 562183
Ion Ratio Lower Upper
156 100
77 250.6 0.0 491.8
158 95.8 0.0 185.0



#74
n-propylbenzene
Concen: 133.023 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 91 Resp: 3222852
Ion Ratio Lower Upper
91 100
120 21.5 0.0 44.6

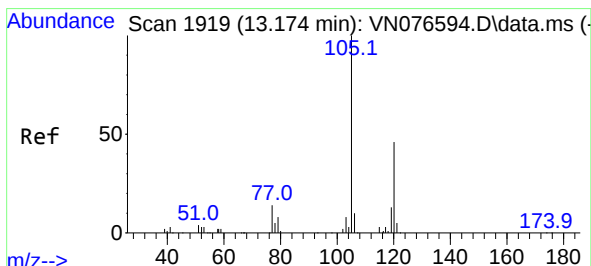
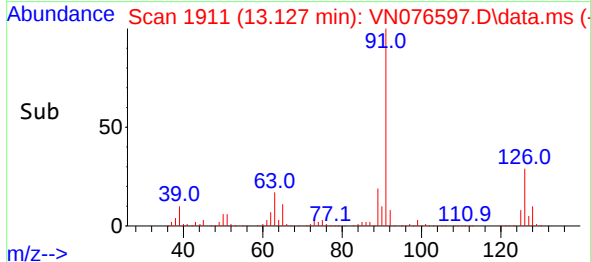
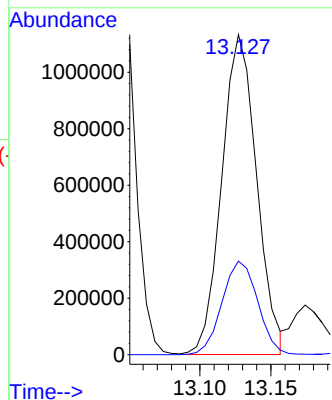
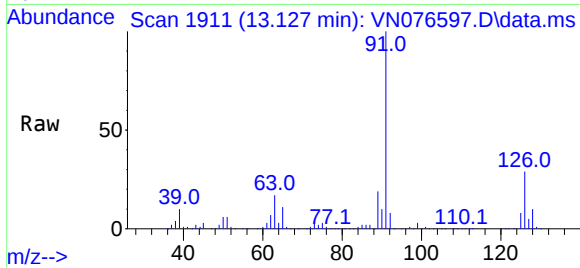




#75
2-Chlorotoluene
Concen: 126.747 ug/l
RT: 13.127 min Scan# 1911
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

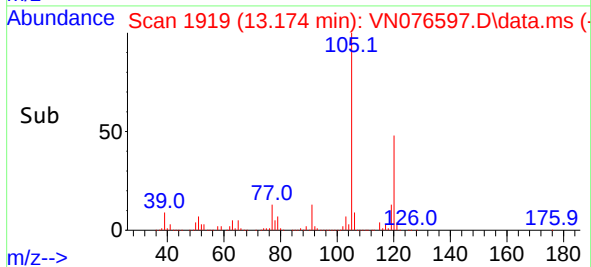
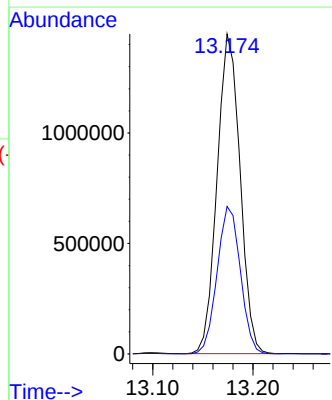
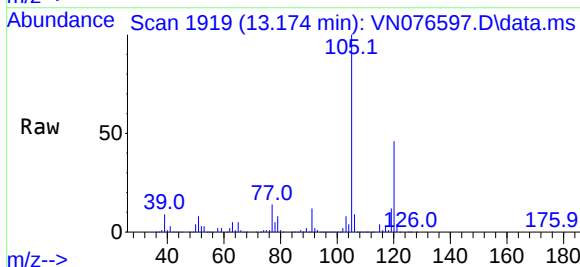
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

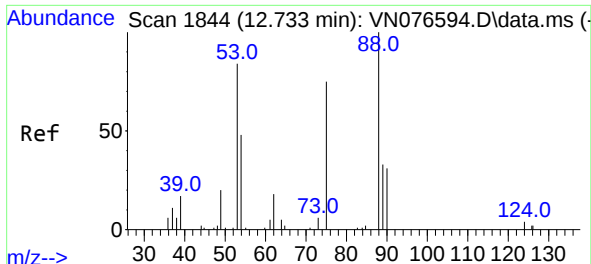
Tgt Ion: 91 Resp: 1931664
Ion Ratio Lower Upper
91 100
126 30.0 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 130.412 ug/l
RT: 13.174 min Scan# 1919
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion:105 Resp: 2300466
Ion Ratio Lower Upper
105 100
120 46.8 0.0 97.4

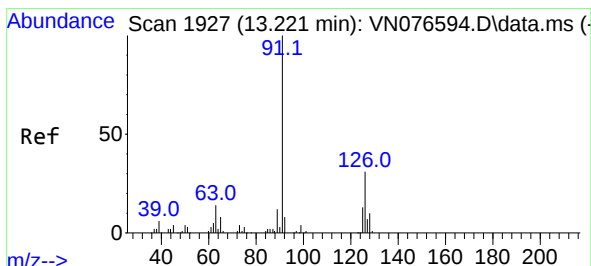
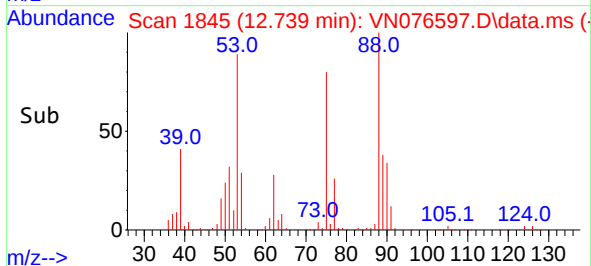
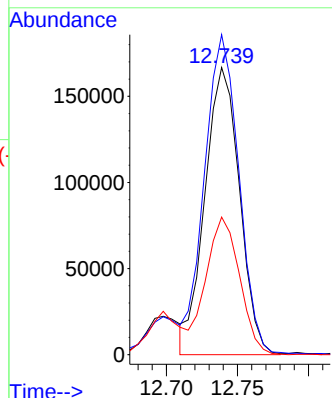
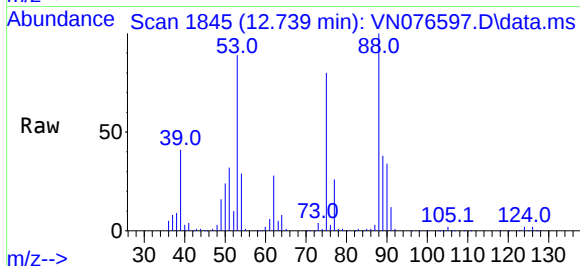




#77
t-1,4-Dichloro-2-butene
Concen: 155.890 ug/l
RT: 12.739 min Scan# 1844
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

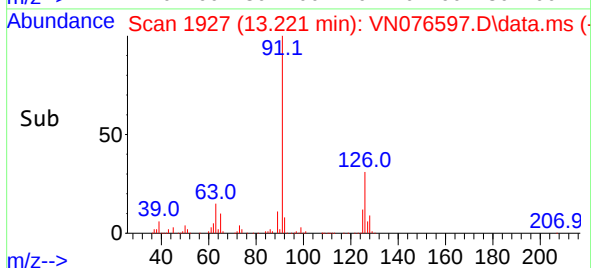
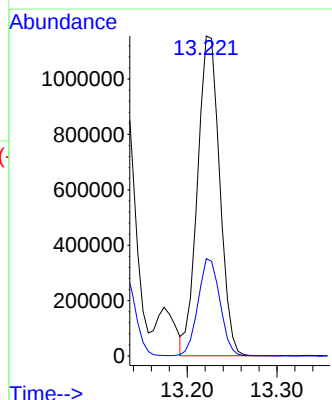
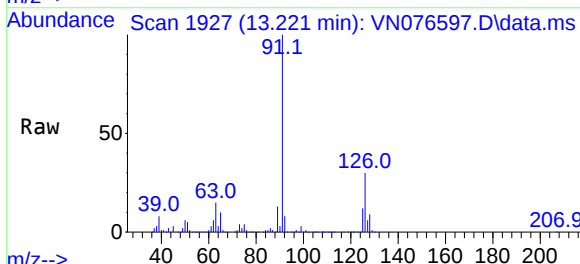
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

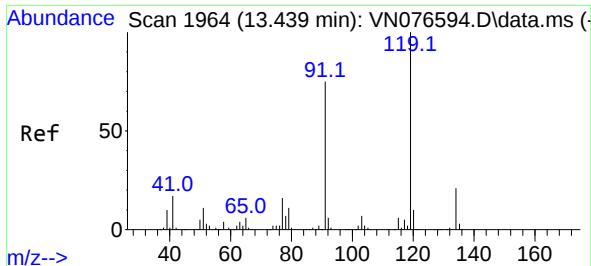
Tgt Ion: 75 Resp: 282836
Ion Ratio Lower Upper
75 100
53 111.0 43.3 129.9
89 47.9 21.1 63.1



#78
4-Chlorotoluene
Concen: 128.998 ug/l
RT: 13.221 min Scan# 1927
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 91 Resp: 1976772
Ion Ratio Lower Upper
91 100
126 30.2 0.0 67.8

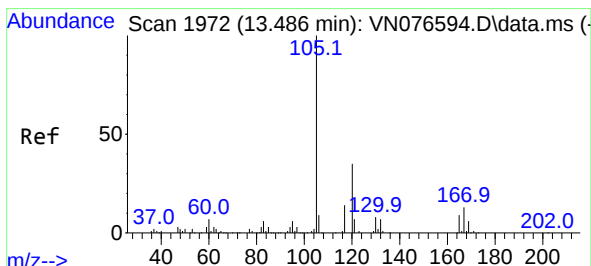
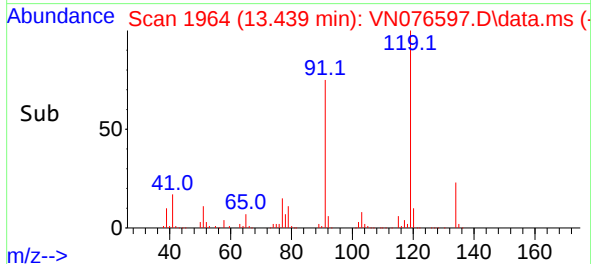
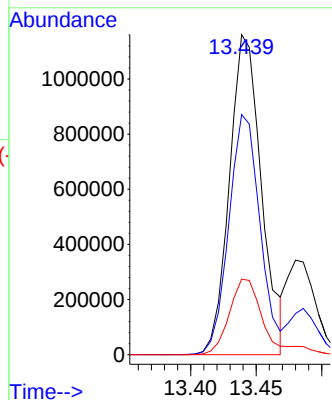
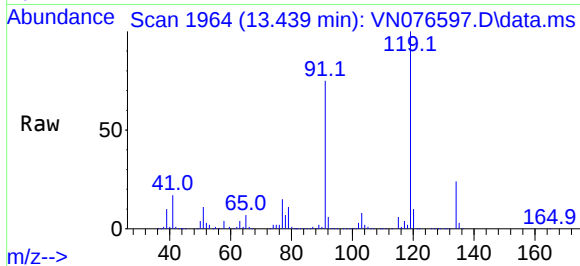




#79
tert-butylbenzene
Concen: 131.850 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. -0.002 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

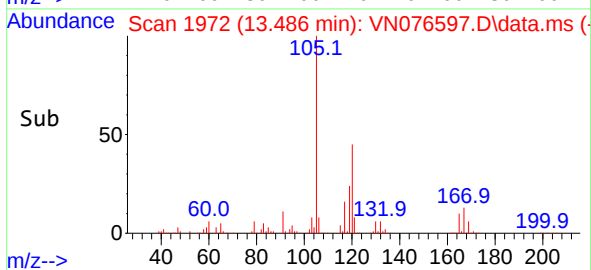
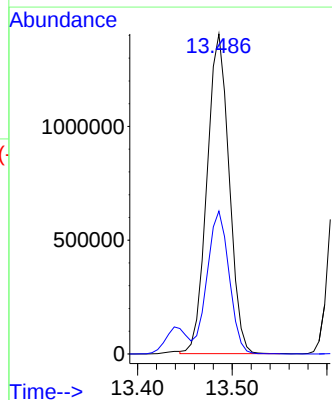
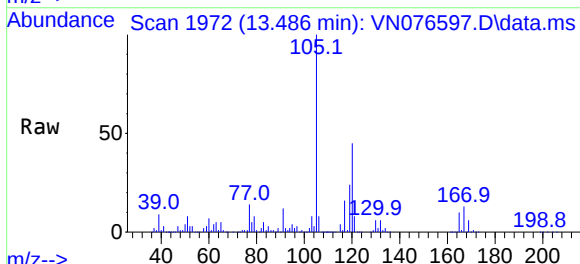
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

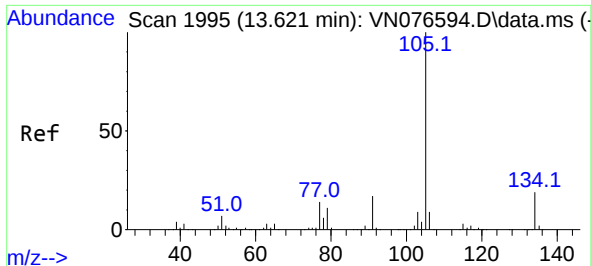
Tgt Ion:119 Resp: 1974165
Ion Ratio Lower Upper
119 100
91 73.1 0.0 129.0
134 23.7 0.0 52.2



#80
1,2,4-Trimethylbenzene
Concen: 130.863 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion:105 Resp: 2276591
Ion Ratio Lower Upper
105 100
120 44.3 0.0 93.2

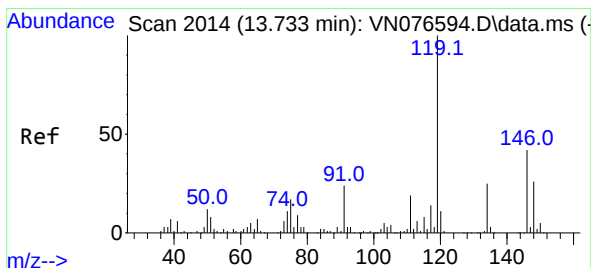
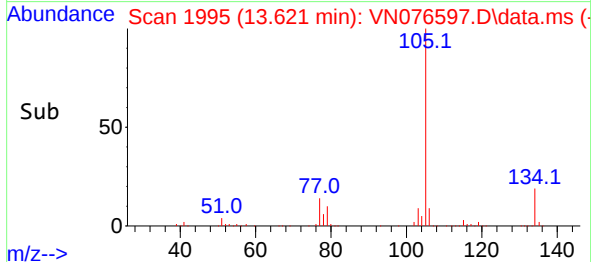
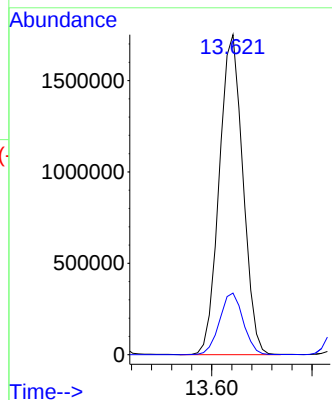
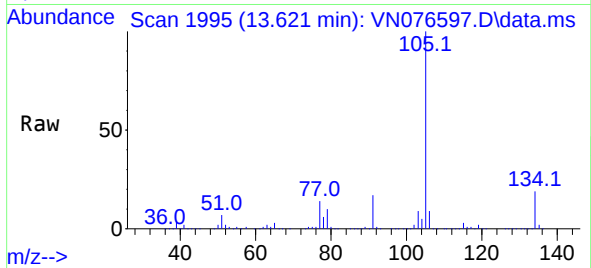




#81
 sec-Butylbenzene
 Concen: 136.277 ug/l
 RT: 13.621 min Scan# 1995
 Delta R.T. 0.003 min
 Lab File: VN076597.D
 Acq: 09 Feb 2023 19:02

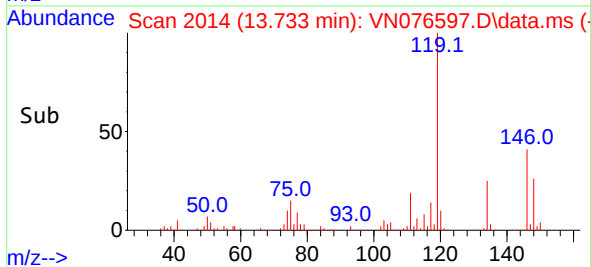
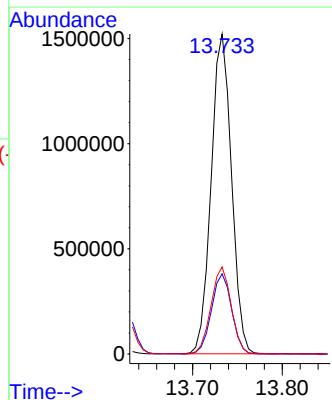
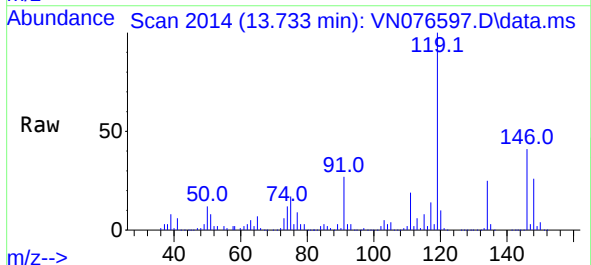
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

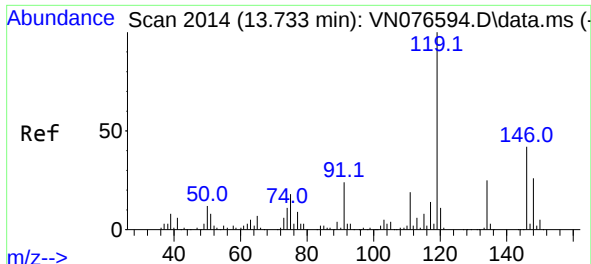
Tgt Ion:105 Resp: 2857120
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 142.093 ug/l
 RT: 13.733 min Scan# 2014
 Delta R.T. 0.004 min
 Lab File: VN076597.D
 Acq: 09 Feb 2023 19:02

Tgt Ion:119 Resp: 2393694
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 51.4
 91 27.0 0.0 46.8

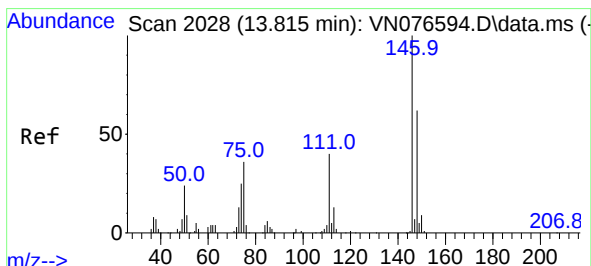
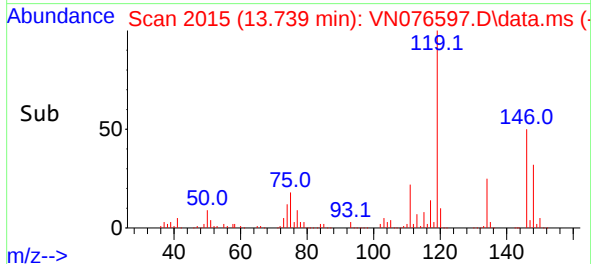
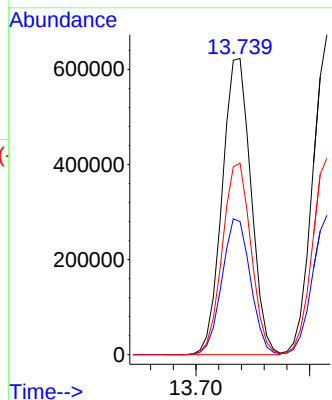
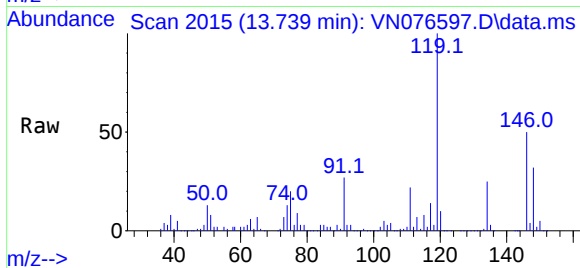




#83
1,3-Dichlorobenzene
Concen: 132.377 ug/l
RT: 13.739 min Scan# 2014
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

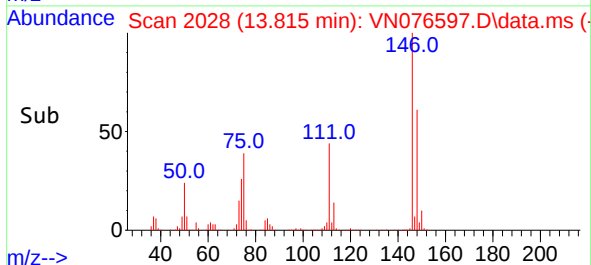
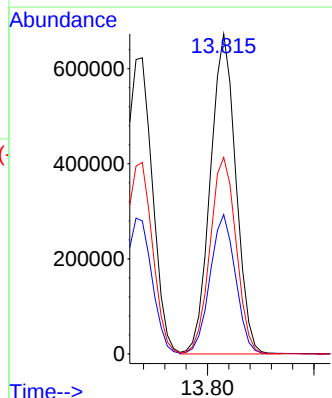
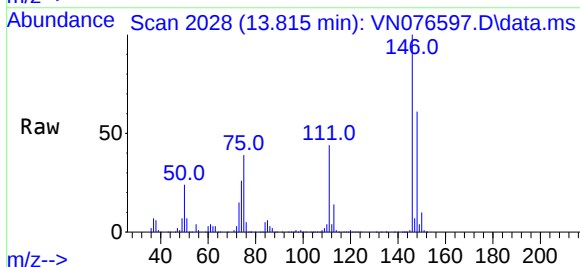
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

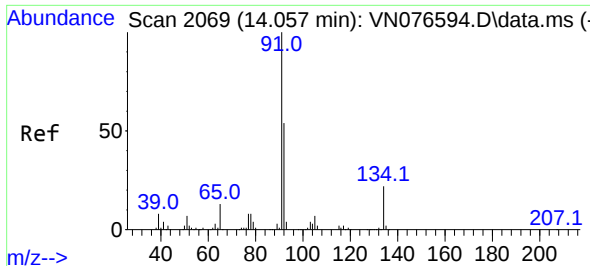
Tgt Ion:146 Resp: 1097511
Ion Ratio Lower Upper
146 100
111 45.4 20.5 61.5
148 64.3 31.0 93.0



#84
1,4-Dichlorobenzene
Concen: 135.425 ug/l
RT: 13.815 min Scan# 2028
Delta R.T. 0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion:146 Resp: 1120186
Ion Ratio Lower Upper
146 100
111 43.4 19.1 57.5
148 62.6 31.7 95.1

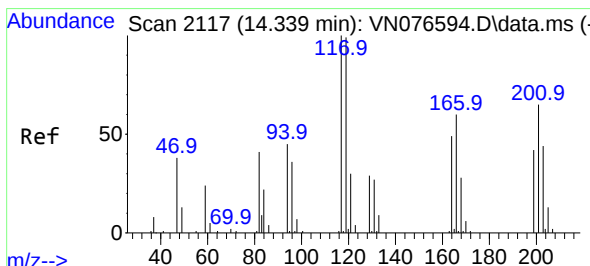
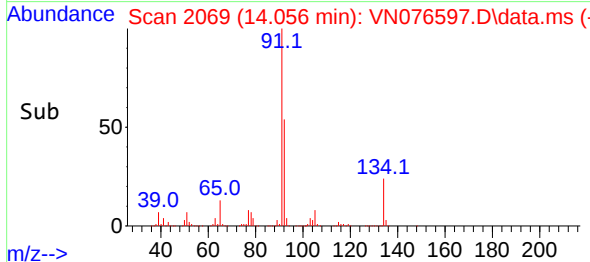
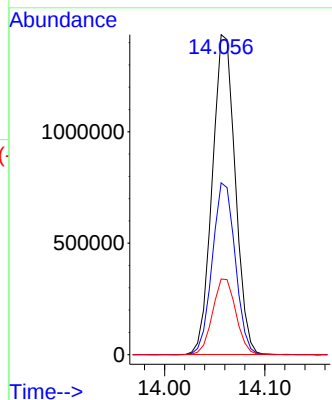
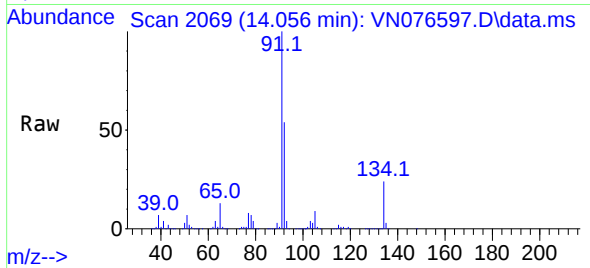




#85
n-Butylbenzene
Concen: 145.575 ug/l
RT: 14.056 min Scan# 2069
Delta R.T. -0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

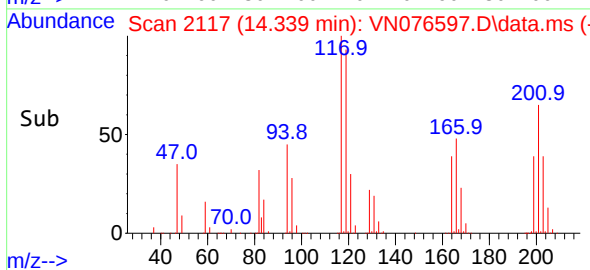
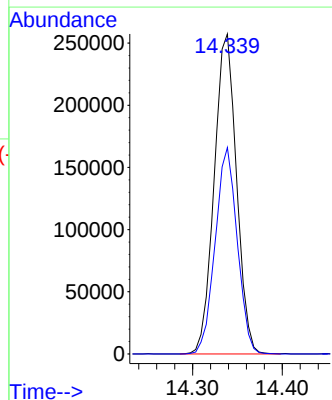
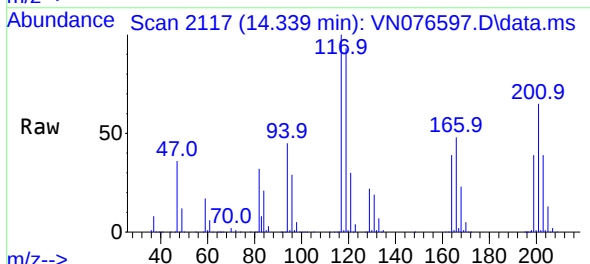
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

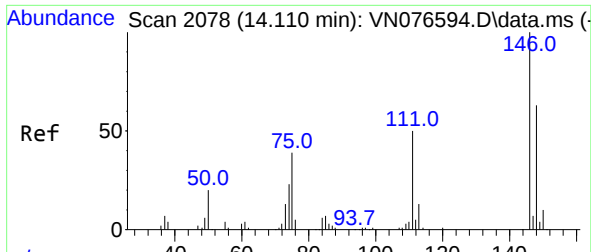
Tgt Ion: 91 Resp: 2277305
Ion Ratio Lower Upper
91 100
92 53.7 0.0 105.4
134 24.1 0.0 46.4



#86
Hexachloroethane
Concen: 136.010 ug/l
RT: 14.339 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 117 Resp: 444878
Ion Ratio Lower Upper
117 100
201 63.6 29.4 88.3

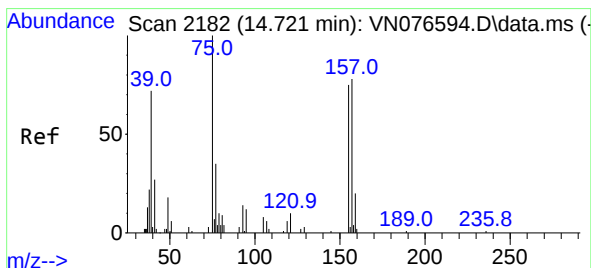
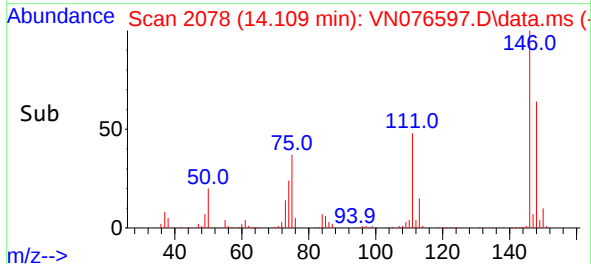
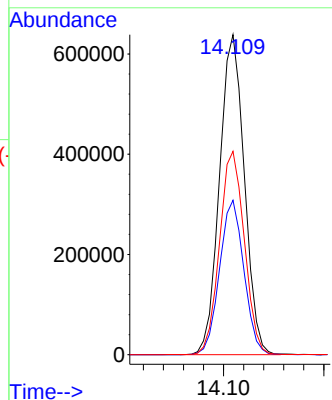
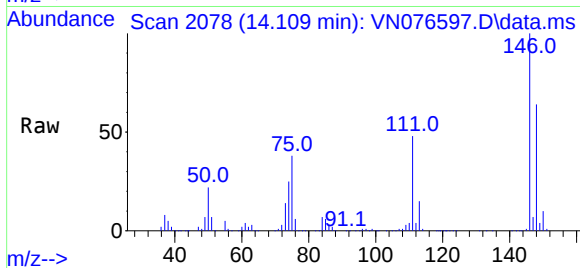




#87
1,2-Dichlorobenzene
Concen: 120.478 ug/l
RT: 14.109 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

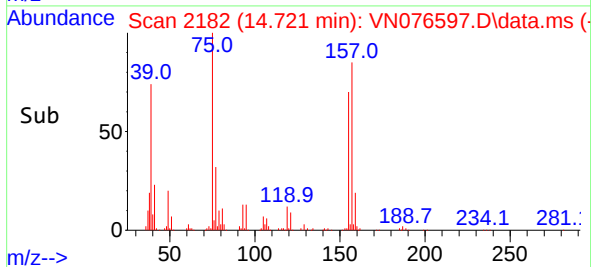
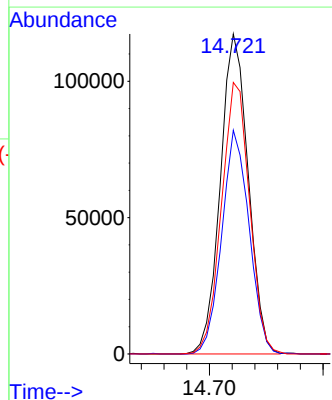
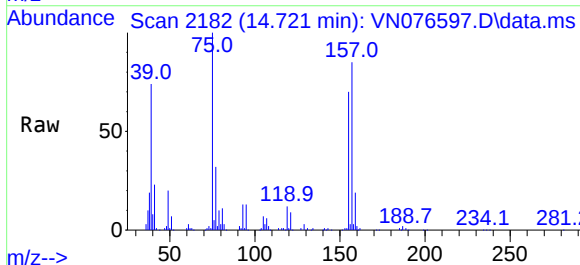
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

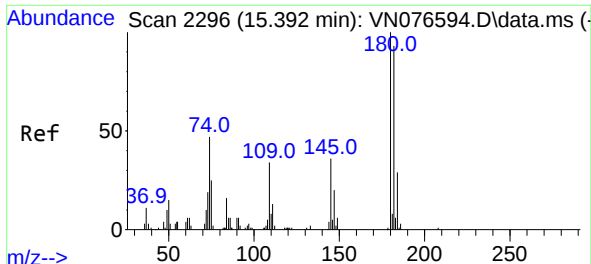
Tgt Ion:146 Resp: 1096475
Ion Ratio Lower Upper
146 100
111 47.4 21.4 64.2
148 63.6 30.6 92.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 148.910 ug/l
RT: 14.721 min Scan# 2182
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion: 75 Resp: 199915
Ion Ratio Lower Upper
75 100
155 68.6 66.3 99.5
157 85.5 84.3 126.5





#89

1,2,4-Trichlorobenzene

Concen: 161.305 ug/l

RT: 15.398 min Scan# 21

Delta R.T. 0.004 min

Lab File: VN076597.D

Acq: 09 Feb 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

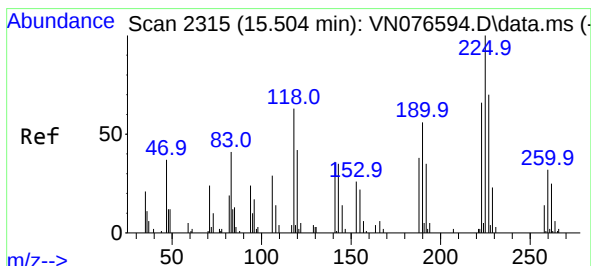
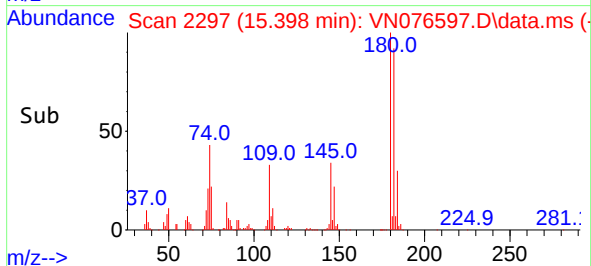
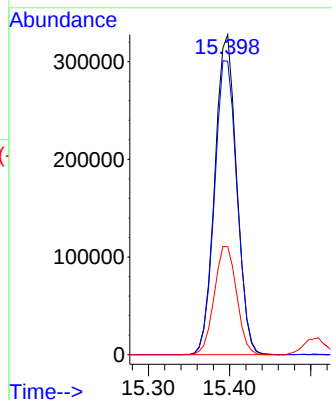
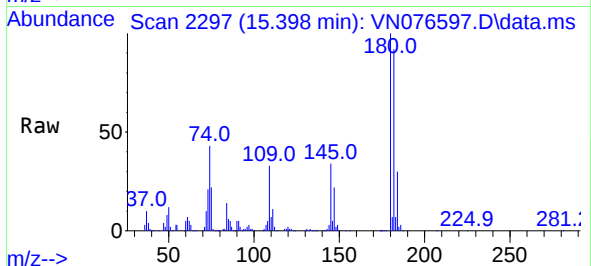
Tgt Ion:180 Resp: 612258

Ion Ratio Lower Upper

180 100

182 95.0 74.9 112.3

145 34.6 26.3 39.5



#90

Hexachlorobutadiene

Concen: 154.647 ug/l

RT: 15.503 min Scan# 2315

Delta R.T. 0.003 min

Lab File: VN076597.D

Acq: 09 Feb 2023 19:02

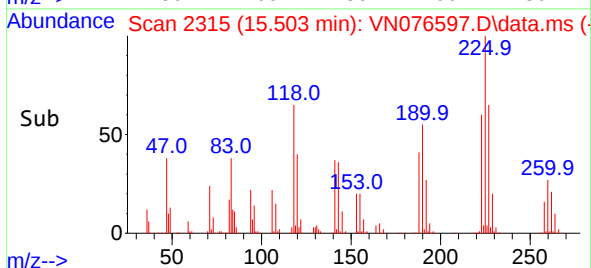
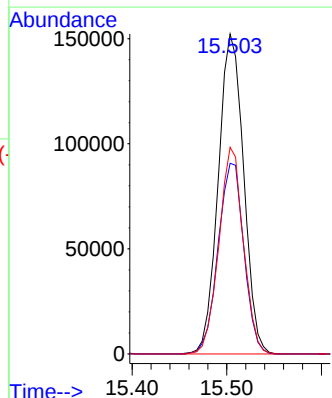
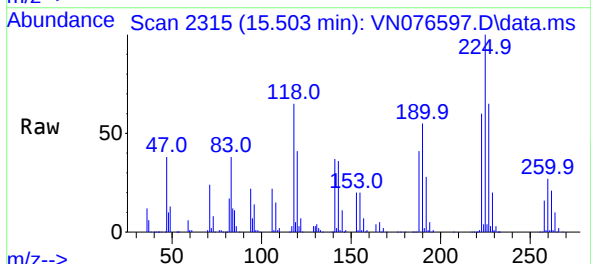
Tgt Ion:225 Resp: 283570

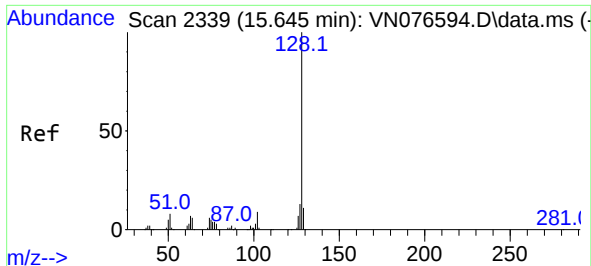
Ion Ratio Lower Upper

225 100

223 60.5 0.0 125.0

227 62.1 0.0 123.0

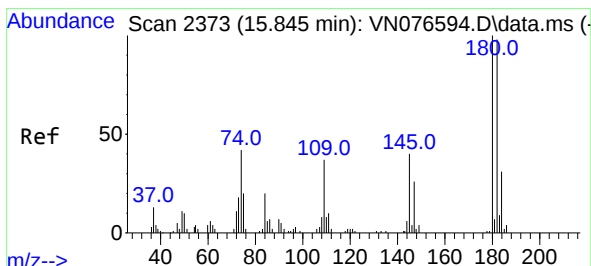
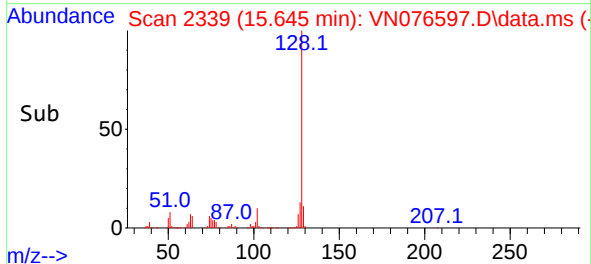
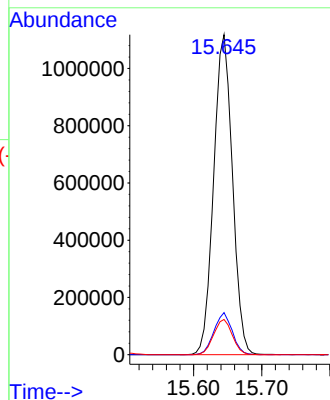
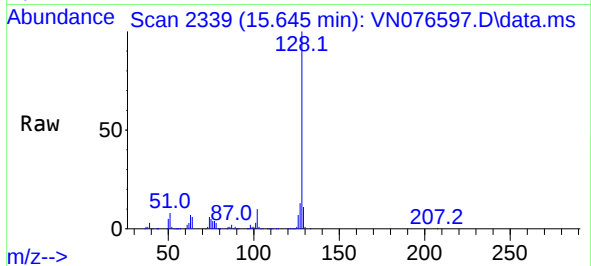




#91
Naphthalene
Concen: 165.748 ug/l
RT: 15.645 min Scan# 21
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2146528
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 158.438 ug/l
RT: 15.845 min Scan# 2373
Delta R.T. 0.004 min
Lab File: VN076597.D
Acq: 09 Feb 2023 19:02

Tgt Ion:180 Resp: 600218
Ion Ratio Lower Upper
180 100
182 95.0 0.0 185.4
145 37.6 0.0 68.6

